

[Table of Contents](#)

# Annual Report

MARCH 31, 2021

## IVY FUNDS

	Class A	Class B	Class C	Class E	Class I	Class N	Class R	Class Y
Ivy Core Equity Fund	WCEAX	WCEBX	WTRCX	ICFEX	ICIEX	ICEQX	IYCEX	WCEYX
Ivy Emerging Markets Equity Fund	IPOAX	IPOBX	IPOCX		IPOIX	IMEGX	IYPCX	IPOYX
Ivy Global Bond Fund	IVSAX	IVSBX	IVSCX		IVSIX	IVBDX	IYGOX	IVSYX
Ivy Global Equity Income Fund	IBIAX	IBIBX	IBICX	IBIEX	IBIIX	IICNX	IYGEX	IBIYX
Ivy Global Growth Fund	IVINX	IVIBX	IVNCX		IGIIX	ITGRX	IYIGX	IVIYX
Ivy Government Money Market Fund	WRAXX	WRBXX	WRCXX	IVEXX		WRNXX		
Ivy High Income Fund	WHIAX	WHIBX	WRHIX	IVHEX	IVHIX	IHIFX	IYHIX	WHIYX
Ivy International Core Equity Fund	IVIAX	IIFBX	IVIFX	IICEX	ICEIX	IINCX	IYITX	IVVYX
Ivy Large Cap Growth Fund	WLGAX	WLGBX	WLGCX	ILCEX	IYGIX	ILGRX	WLGRX	WLGYX
Ivy Limited-Term Bond Fund	WLTAX	WLTBX	WLBCX	IVLEX	ILTIX	ILMDX	IYLTX	WLTYX
Ivy Managed International Opportunities Fund	IVTAX	IVTBX	IVTCX		IVTIX	IVTNX	IYMGX	IVTYX
Ivy Mid Cap Growth Fund	WMGAX	WMGBX	WMGCX	IMCEX	IYMIK	IGRFK	WMGRX	WMGYX
Ivy Mid Cap Income Opportunities Fund	IVOAX		IVOCX		IVOIX	IVOSX	IVORX	IVOYX
Ivy Municipal Bond Fund	WMBAX	WMBBX	WMBCX		IMBIX	IMBNX		WMBYX
Ivy Municipal High Income Fund	IYIAX	IYIBX	IYICX		WYMHX	IYINX		IYIYX
Ivy Pzena International Value Fund	ICDAX	ICDBX	ICDCX		ICVIX	ICNGX	IYCUX	ICDYX
Ivy Securian Core Bond Fund	IBOAX	IBOBX	IBOCX	IVBEX	IVBIX	IBNDX	IYBDX	IBOYX
Ivy Small Cap Core Fund	IYSAX	IYSBX	IYSCX		IVVIX	ISPVX	IYSMX	IYSYX
Ivy Small Cap Growth Fund	WSGAX	WSGBX	WRGCX	ISGEX	IYSIX	IRGFX	WSGRX	WSCYX
Ivy Value Fund	IYVAX	IYVBX	IYVCX		IYAIX	IVALX	IYVLX	IYVYX

Carefully consider the Funds' investment objectives, risk factors, charges, and expenses before investing. This and other information can be found in the Funds' prospectus and their summary prospectuses, which may be obtained by visiting [www.ivyinvestments.com](http://www.ivyinvestments.com) or calling 1-888-923-3355. Investors should read the prospectus and the summary prospectus carefully before investing. You can obtain shareholder reports and prospectuses online instead of in the mail. Visit [www.ivyinvestments.com/go-paperless-with-eDelivery](http://www.ivyinvestments.com/go-paperless-with-eDelivery) for more information.

IVY INVESTMENTS® refers to the investment management and investment advisory services offered by Macquarie Investment Management Business Trust (MIMBT) through its various series.

On December 2, 2020, Waddell & Reed Financial, Inc. ("WDR"), the parent company of Ivy Investment Management Company, the investment adviser of the Ivy Funds Complex (the "Ivy Funds"), and Macquarie Management Holdings, Inc., the U.S. holding company for Macquarie Group Limited's U.S. asset management business ("Macquarie"), announced that they had entered into an agreement whereby Macquarie would acquire the investment management business of WDR (the "Transaction").

The Transaction closed on April 30, 2021. The Ivy Funds, as part of Delaware Funds by Macquarie, are now managed by Delaware Management Company, a series of Macquarie Investment Management Business Trust, and distributed by Delaware Distributors, L.P.

[Table of Contents](#)**CONTENTS****IVY FUNDS**

<a href="#">Illustration of Fund Expenses</a>	4
Management Discussion, Portfolio Highlights and Schedule of Investments:	
<a href="#">Ivy Core Equity Fund</a>	10
<a href="#">Ivy Emerging Markets Equity Fund</a>	16
<a href="#">Ivy Global Bond Fund</a>	23
<a href="#">Ivy Global Equity Income Fund</a>	34
<a href="#">Ivy Global Growth Fund</a>	42
<a href="#">Ivy Government Money Market Fund</a>	48
<a href="#">Ivy High Income Fund</a>	51
<a href="#">Ivy International Core Equity Fund</a>	63
<a href="#">Ivy Large Cap Growth Fund</a>	71
<a href="#">Ivy Limited-Term Bond Fund</a>	78
<a href="#">Ivy Managed International Opportunities Fund</a>	88
<a href="#">Ivy Mid Cap Growth Fund</a>	93
<a href="#">Ivy Mid Cap Income Opportunities Fund</a>	100
<a href="#">Ivy Municipal Bond Fund</a>	108
<a href="#">Ivy Municipal High Income Fund</a>	118
<a href="#">Ivy Pzena International Value Fund</a>	129
<a href="#">Ivy Securian Core Bond Fund</a>	136
<a href="#">Ivy Small Cap Core Fund</a>	149
<a href="#">Ivy Small Cap Growth Fund</a>	155
<a href="#">Ivy Value Fund</a>	163
<a href="#">Statements of Assets and Liabilities</a>	169
<a href="#">Statements of Operations</a>	172
<a href="#">Statements of Changes in Net Assets</a>	175
<a href="#">Financial Highlights</a>	182
<a href="#">Notes to Financial Statements</a>	222
<a href="#">Report of Independent Registered Public Accounting Firm</a>	257
<a href="#">Other Information</a>	258
<a href="#">Income Tax Information</a>	261
<a href="#">Board of Trustees / Directors and Officers Addendum</a>	263
<a href="#">Annual Privacy Notice</a>	270
<a href="#">Proxy Voting Information</a>	272
<a href="#">Quarterly Portfolio Schedule Information</a>	272
<a href="#">IRA Disclosure</a>	
<a href="#">Householding Notice</a>	272

Macquarie Investment Management (MIM) is a global asset manager with offices in the United States, Europe, Asia, and Australia. As active managers, we prioritize autonomy and accountability at the investment team level in pursuit of opportunities that matter for clients. Delaware Funds is one of the longest-standing mutual fund families, with more than 80 years in existence.

[Table of Contents](#)**CONTENTS****IVY FUNDS**

If you are interested in learning more about creating an investment plan, contact your financial advisor.

You can learn more about Delaware Funds or obtain a prospectus at [www.ivyinvestments.com/reports/ivy](http://www.ivyinvestments.com/reports/ivy).

Macquarie Asset Management (MAM) offers a diverse range of products including securities investment management, infrastructure and real asset management, and fund and equity-based structured products. MIM is the marketing name for certain companies comprising the asset management division of Macquarie Group. This includes the following investment advisers: Macquarie Investment Management Business Trust (MIMBT), Macquarie Funds Management Hong Kong Limited, Macquarie Investment Management Austria Kapitalanlage AG, Macquarie Investment Management Global Limited, Macquarie Investment Management Europe Limited, and Macquarie Investment Management Europe S.A.

The Funds are distributed by Delaware Distributors, L.P. (DDL), an affiliate of MIMBT and Macquarie Group Limited.

Other than Macquarie Bank Limited (MBL), none of the entities noted are authorized deposit-taking institutions for the purposes of the Banking Act 1959 (Commonwealth of Australia). The obligations of these entities do not represent deposits or other liabilities of MBL. MBL does not guarantee or otherwise provide assurance in respect of the obligations of these entities, unless noted otherwise.

The Funds are governed by US laws and regulations. Unless otherwise noted, views expressed herein are current as of March 31, 2021, and subject to change for events occurring after such date. The Funds are not FDIC insured and are not guaranteed. It is possible to lose the principal amount invested.

Advisory services provided by Delaware Management Company, a series of MIMBT, a US registered investment advisor. All third-party marks cited are the property of their respective owners.

© 2021 Macquarie Management Holdings, Inc.

[Table of Contents](#)**ILLUSTRATION OF FUND EXPENSES**

IVY FUNDS

(UNAUDITED)

**Expense Example**

As a shareholder of a Fund, you incur two types of costs: (1) transaction costs, including sales charges (loads) on purchase payments, exchange fees and account fees; and (2) ongoing costs, including management fees, distribution and service fees, and other Fund expenses. The following table is intended to help you understand your ongoing costs (in dollars) of investing in a Fund and to compare these costs with the ongoing costs of investing in other mutual funds. The example is based on an investment of \$1,000 invested at the beginning of the period and held for the six-month period ended March 31, 2021.

**Actual Expenses**

The first section in the following table provides information about actual account values and actual expenses for each share class. You may use the information in this section, together with the amount you invested, to estimate the expenses that you paid over the period. Simply divide your account value by \$1,000 (for example, a \$7,500 account value divided by \$1,000 = 7.5), then multiply the result by the number in the first section under the heading entitled "Expenses Paid During Period" to estimate the expenses you paid on your account during this period. There may be additional fees charged to holders of certain accounts that are not included in the expenses shown in the table. Fees apply to Individual Retirement Accounts (IRAs), IRA Rollovers, Roth IRAs, Conversion Roth IRAs, Simplified Employee Pension (SEP), Savings Incentive Match Plan for Employees (SIMPLE) IRAs, Tax-Sheltered Accounts (TSAs), Keogh Plans, Owner Only 401(k) (Exclusive K) Plans and Final Pay Plans. As of the close of the six months covered by the table, a customer is charged an annual fee of \$18 within each plan type. This fee is waived for IRA Rollovers and Conversion Roth IRAs if the customer owns another type of IRA. Coverdell Education

Savings Account plans are charged an annual fee of \$10 per customer. You should consider the additional fees that were charged to your Fund account over the six-month period when you estimate the total ongoing expenses paid over the period and the impact of these fees on your ending account value as such additional expenses are not reflected in the information provided in the following table. Additional fees have the effect of reducing investment returns.

**Hypothetical Example for Comparison Purposes**

The second section in the following table provides information about hypothetical account values and hypothetical expenses for each share class based on the Fund's actual expense ratio and an assumed rate of return of five percent per year before expenses, which is not the Fund's actual return. The hypothetical account values and expenses may not be used to estimate the actual ending account balance or expenses you paid for the period. You may use this information to compare the ongoing costs of investing in the Fund and other funds. To do so, compare this five percent hypothetical example with the five percent hypothetical examples that appear in the shareholder reports of the other funds.

Please note that the expenses shown in the table are meant to highlight your ongoing costs only and do not reflect any transactional costs, such as sales charges (loads), exchange fees or account fees. Therefore, the second section in the table is useful in comparing ongoing costs only, and will not help you determine the relative total costs of owning different funds. In addition, if these transactional costs were included, your costs would have been higher.

Expenses paid may be impacted by expense reduction arrangements. If those arrangements had not been in place, expenses paid would have been higher. See Note 6 in Notes to Financial Statements for further information.

Fund	Actual <sup>(1)</sup>			Hypothetical <sup>(2)</sup>			Annualized Expense Ratio Based on the Six-Month Period
	Beginning Account Value 9-30-20	Ending Account Value 3-31-21	Expenses Paid During Period*	Beginning Account Value 9-30-20	Ending Account Value 3-31-21	Expenses Paid During Period*	
<b>Ivy Core Equity Fund</b>							
Class A	\$ 1,000	\$ 1,194.10	\$ 5.38	\$ 1,000	\$ 1,020.01	\$ 4.95	0.99%
Class B**	\$ 1,000	\$ 1,188.20	\$ 11.38	\$ 1,000	\$ 1,014.56	\$ 10.48	2.08%
Class C	\$ 1,000	\$ 1,189.90	\$ 10.18	\$ 1,000	\$ 1,015.65	\$ 9.37	1.86%
Class E	\$ 1,000	\$ 1,194.60	\$ 5.49	\$ 1,000	\$ 1,019.98	\$ 5.05	0.99%
Class I	\$ 1,000	\$ 1,195.70	\$ 4.39	\$ 1,000	\$ 1,020.92	\$ 4.04	0.80%
Class N	\$ 1,000	\$ 1,196.70	\$ 3.62	\$ 1,000	\$ 1,021.67	\$ 3.34	0.65%
Class R	\$ 1,000	\$ 1,191.80	\$ 7.67	\$ 1,000	\$ 1,017.98	\$ 7.06	1.40%
Class Y	\$ 1,000	\$ 1,195.00	\$ 4.61	\$ 1,000	\$ 1,020.72	\$ 4.24	0.84%

See footnotes on page 9.

4 ANNUAL REPORT 2021

[Table of Contents](#)

## ILLUSTRATION OF FUND EXPENSES

IVY FUNDS

(UNAUDITED)

Fund	Actual(1)			Hypothetical(2)			Annualized Expense Ratio Based on the Six-Month Period
	Beginning Account Value 9-30-20	Ending Account Value 3-31-21	Expenses Paid During Period*	Beginning Account Value 9-30-20	Ending Account Value 3-31-21	Expenses Paid During Period*	
<b>Ivy Emerging Markets Equity Fund</b>							
Class A	\$ 1,000	\$1,235.80	\$ 7.49	\$ 1,000	\$1,018.20	\$ 6.76	1.35%
Class B**	\$ 1,000	\$1,229.20	\$ 13.60	\$ 1,000	\$1,012.75	\$ 12.28	2.44%
Class C	\$ 1,000	\$1,231.20	\$ 11.49	\$ 1,000	\$1,014.67	\$ 10.38	2.06%
Class I	\$ 1,000	\$1,238.30	\$ 5.48	\$ 1,000	\$1,020.00	\$ 4.95	0.99%
Class N	\$ 1,000	\$1,238.30	\$ 5.26	\$ 1,000	\$1,020.28	\$ 4.75	0.93%
Class R	\$ 1,000	\$1,233.70	\$ 9.27	\$ 1,000	\$1,016.61	\$ 8.37	1.67%
Class Y	\$ 1,000	\$1,236.20	\$ 7.04	\$ 1,000	\$1,018.65	\$ 6.36	1.26%
<b>Ivy Global Bond Fund</b>							
Class A	\$ 1,000	\$1,016.10	\$ 4.84	\$ 1,000	\$1,020.11	\$ 4.85	0.96%
Class B**	\$ 1,000	\$1,012.50	\$ 8.45	\$ 1,000	\$1,016.53	\$ 8.47	1.68%
Class C	\$ 1,000	\$1,011.30	\$ 8.65	\$ 1,000	\$1,016.33	\$ 8.67	1.72%
Class I	\$ 1,000	\$1,016.30	\$ 3.73	\$ 1,000	\$1,021.21	\$ 3.74	0.74%
Class N	\$ 1,000	\$1,017.30	\$ 3.63	\$ 1,000	\$1,021.32	\$ 3.64	0.72%
Class R	\$ 1,000	\$1,012.70	\$ 7.35	\$ 1,000	\$1,017.61	\$ 7.36	1.47%
Class Y	\$ 1,000	\$1,016.10	\$ 4.84	\$ 1,000	\$1,020.11	\$ 4.85	0.96%
<b>Ivy Global Equity Income Fund</b>							
Class A	\$ 1,000	\$1,238.10	\$ 6.83	\$ 1,000	\$1,018.83	\$ 6.16	1.22%
Class B**	\$ 1,000	\$1,234.30	\$ 10.72	\$ 1,000	\$1,015.35	\$ 9.67	1.92%
Class C	\$ 1,000	\$1,234.40	\$ 11.28	\$ 1,000	\$1,014.84	\$ 10.17	2.02%
Class E	\$ 1,000	\$1,238.80	\$ 6.16	\$ 1,000	\$1,019.47	\$ 5.55	1.09%
Class I	\$ 1,000	\$1,240.70	\$ 5.15	\$ 1,000	\$1,020.32	\$ 4.65	0.92%
Class N	\$ 1,000	\$1,241.10	\$ 4.48	\$ 1,000	\$1,020.97	\$ 4.04	0.80%
Class R	\$ 1,000	\$1,237.20	\$ 8.61	\$ 1,000	\$1,017.24	\$ 7.77	1.54%
Class Y	\$ 1,000	\$1,239.40	\$ 6.61	\$ 1,000	\$1,019.01	\$ 5.96	1.19%
<b>Ivy Global Growth Fund</b>							
Class A	\$ 1,000	\$1,184.30	\$ 7.32	\$ 1,000	\$1,018.23	\$ 6.76	1.34%
Class B**	\$ 1,000	\$1,177.50	\$ 13.72	\$ 1,000	\$1,012.38	\$ 12.68	2.52%
Class C	\$ 1,000	\$1,179.10	\$ 12.20	\$ 1,000	\$1,013.69	\$ 11.28	2.26%
Class I	\$ 1,000	\$1,185.80	\$ 5.79	\$ 1,000	\$1,019.63	\$ 5.35	1.06%
Class N	\$ 1,000	\$1,186.50	\$ 5.25	\$ 1,000	\$1,020.13	\$ 4.85	0.96%
Class R	\$ 1,000	\$1,182.10	\$ 9.27	\$ 1,000	\$1,016.44	\$ 8.57	1.70%
Class Y	\$ 1,000	\$1,184.20	\$ 7.32	\$ 1,000	\$1,018.23	\$ 6.76	1.34%
<b>Ivy Government Money Market Fund</b>							
Class A	\$ 1,000	\$1,000.00	\$ 0.60	\$ 1,000	\$1,024.37	\$ 0.61	0.11%
Class B**	\$ 1,000	\$1,000.00	\$ 0.60	\$ 1,000	\$1,024.35	\$ 0.61	0.12%
Class C**	\$ 1,000	\$1,000.00	\$ 0.60	\$ 1,000	\$1,024.35	\$ 0.61	0.12%
Class E	\$ 1,000	\$1,000.00	\$ 0.60	\$ 1,000	\$1,024.36	\$ 0.61	0.11%
Class N	\$ 1,000	\$1,000.00	\$ 0.50	\$ 1,000	\$1,024.42	\$ 0.51	0.10%

See footnotes on page 9.

[Table of Contents](#)

## ILLUSTRATION OF FUND EXPENSES

## IVY FUNDS

(UNAUDITED)

Fund	Actual(1)			Hypothetical(2)			Annualized Expense Ratio Based on the Six-Month Period
	Beginning Account Value 9-30-20	Ending Account Value 3-31-21	Expenses Paid During Period*	Beginning Account Value 9-30-20	Ending Account Value 3-31-21	Expenses Paid During Period*	
<b>Ivy High Income Fund</b>							
Class A	\$ 1,000	\$ 1,120.60	\$ 5.09	\$ 1,000	\$ 1,020.18	\$ 4.85	0.95%
Class B**	\$ 1,000	\$ 1,116.30	\$ 8.99	\$ 1,000	\$ 1,016.46	\$ 8.57	1.70%
Class C	\$ 1,000	\$ 1,116.60	\$ 8.78	\$ 1,000	\$ 1,016.65	\$ 8.37	1.66%
Class E	\$ 1,000	\$ 1,120.10	\$ 5.51	\$ 1,000	\$ 1,019.74	\$ 5.25	1.04%
Class I	\$ 1,000	\$ 1,121.80	\$ 3.93	\$ 1,000	\$ 1,021.24	\$ 3.74	0.74%
Class N	\$ 1,000	\$ 1,122.50	\$ 3.08	\$ 1,000	\$ 1,021.99	\$ 2.93	0.59%
Class R	\$ 1,000	\$ 1,118.40	\$ 7.10	\$ 1,000	\$ 1,018.26	\$ 6.76	1.34%
Class Y	\$ 1,000	\$ 1,120.60	\$ 5.09	\$ 1,000	\$ 1,020.17	\$ 4.85	0.95%
<b>Ivy International Core Equity Fund</b>							
Class A	\$ 1,000	\$ 1,225.10	\$ 6.79	\$ 1,000	\$ 1,018.80	\$ 6.16	1.23%
Class B**	\$ 1,000	\$ 1,220.20	\$ 11.55	\$ 1,000	\$ 1,014.58	\$ 10.48	2.08%
Class C	\$ 1,000	\$ 1,221.60	\$ 10.66	\$ 1,000	\$ 1,015.37	\$ 9.67	1.92%
Class E	\$ 1,000	\$ 1,225.60	\$ 6.57	\$ 1,000	\$ 1,019.05	\$ 5.96	1.18%
Class I	\$ 1,000	\$ 1,228.30	\$ 4.35	\$ 1,000	\$ 1,020.99	\$ 3.94	0.79%
Class N	\$ 1,000	\$ 1,227.60	\$ 4.34	\$ 1,000	\$ 1,020.99	\$ 3.94	0.79%
Class R	\$ 1,000	\$ 1,223.70	\$ 8.45	\$ 1,000	\$ 1,017.31	\$ 7.67	1.53%
Class Y	\$ 1,000	\$ 1,226.40	\$ 6.35	\$ 1,000	\$ 1,019.18	\$ 5.75	1.15%
<b>Ivy Large Cap Growth Fund</b>							
Class A	\$ 1,000	\$ 1,098.50	\$ 5.04	\$ 1,000	\$ 1,020.11	\$ 4.85	0.97%
Class B**	\$ 1,000	\$ 1,093.70	\$ 9.63	\$ 1,000	\$ 1,015.75	\$ 9.27	1.83%
Class C	\$ 1,000	\$ 1,093.90	\$ 9.42	\$ 1,000	\$ 1,015.89	\$ 9.07	1.81%
Class E	\$ 1,000	\$ 1,098.10	\$ 5.56	\$ 1,000	\$ 1,019.58	\$ 5.35	1.07%
Class I	\$ 1,000	\$ 1,100.40	\$ 3.36	\$ 1,000	\$ 1,021.71	\$ 3.23	0.64%
Class N	\$ 1,000	\$ 1,100.20	\$ 3.36	\$ 1,000	\$ 1,021.75	\$ 3.23	0.64%
Class R	\$ 1,000	\$ 1,096.30	\$ 7.23	\$ 1,000	\$ 1,018.06	\$ 6.96	1.38%
Class Y	\$ 1,000	\$ 1,098.80	\$ 5.14	\$ 1,000	\$ 1,020.07	\$ 4.95	0.97%
<b>Ivy Limited-Term Bond Fund</b>							
Class A	\$ 1,000	\$ 1,001.60	\$ 4.40	\$ 1,000	\$ 1,020.48	\$ 4.45	0.89%
Class B**	\$ 1,000	\$ 996.50	\$ 9.78	\$ 1,000	\$ 1,015.11	\$ 9.87	1.97%
Class C	\$ 1,000	\$ 997.90	\$ 8.19	\$ 1,000	\$ 1,016.76	\$ 8.27	1.64%
Class E	\$ 1,000	\$ 1,001.40	\$ 4.60	\$ 1,000	\$ 1,020.29	\$ 4.65	0.93%
Class I	\$ 1,000	\$ 1,002.60	\$ 3.40	\$ 1,000	\$ 1,021.54	\$ 3.44	0.68%
Class N	\$ 1,000	\$ 1,003.40	\$ 2.70	\$ 1,000	\$ 1,022.28	\$ 2.73	0.53%
Class R	\$ 1,000	\$ 999.70	\$ 6.30	\$ 1,000	\$ 1,018.59	\$ 6.36	1.27%
Class Y	\$ 1,000	\$ 1,001.60	\$ 4.40	\$ 1,000	\$ 1,020.48	\$ 4.45	0.89%

See footnotes on page 9.

[Table of Contents](#)

## ILLUSTRATION OF FUND EXPENSES

IVY FUNDS

(UNAUDITED)

Fund	Actual(1)			Hypothetical(2)			Annualized Expense Ratio Based on the Six-Month Period
	Beginning Account Value 9-30-20	Ending Account Value 3-31-21	Expenses Paid During Period*	Beginning Account Value 9-30-20	Ending Account Value 3-31-21	Expenses Paid During Period*	
<b>Ivy Managed International Opportunities Fund(3)</b>							
Class A	\$ 1,000	\$ 1,239.80	\$ 2.58	\$ 1,000	\$ 1,022.63	\$ 2.33	0.46%
Class B**	\$ 1,000	\$ 1,243.70	\$ 6.96	\$ 1,000	\$ 1,018.68	\$ 6.26	1.25%
Class C	\$ 1,000	\$ 1,242.70	\$ 6.95	\$ 1,000	\$ 1,018.69	\$ 6.26	1.25%
Class I	\$ 1,000	\$ 1,241.10	\$ 0.90	\$ 1,000	\$ 1,024.13	\$ 0.81	0.16%
Class N	\$ 1,000	\$ 1,239.70	\$ 0.90	\$ 1,000	\$ 1,024.13	\$ 0.81	0.16%
Class R	\$ 1,000	\$ 1,240.80	\$ 3.70	\$ 1,000	\$ 1,021.62	\$ 3.34	0.66%
Class Y	\$ 1,000	\$ 1,240.20	\$ 2.13	\$ 1,000	\$ 1,023.03	\$ 1.92	0.38%
<b>Ivy Mid Cap Growth Fund</b>							
Class A	\$ 1,000	\$ 1,222.30	\$ 6.33	\$ 1,000	\$ 1,019.23	\$ 5.75	1.14%
Class B**	\$ 1,000	\$ 1,216.50	\$ 11.41	\$ 1,000	\$ 1,014.64	\$ 10.38	2.06%
Class C	\$ 1,000	\$ 1,217.40	\$ 10.64	\$ 1,000	\$ 1,015.38	\$ 9.67	1.92%
Class E	\$ 1,000	\$ 1,221.80	\$ 6.89	\$ 1,000	\$ 1,018.76	\$ 6.26	1.24%
Class I	\$ 1,000	\$ 1,224.10	\$ 4.34	\$ 1,000	\$ 1,021.00	\$ 3.94	0.79%
Class N	\$ 1,000	\$ 1,224.30	\$ 4.34	\$ 1,000	\$ 1,020.99	\$ 3.94	0.79%
Class R	\$ 1,000	\$ 1,219.80	\$ 8.55	\$ 1,000	\$ 1,017.24	\$ 7.77	1.54%
Class Y	\$ 1,000	\$ 1,222.20	\$ 6.33	\$ 1,000	\$ 1,019.23	\$ 5.75	1.14%
<b>Ivy Mid Cap Income Opportunities Fund</b>							
Class A	\$ 1,000	\$ 1,315.70	\$ 7.06	\$ 1,000	\$ 1,018.81	\$ 6.16	1.23%
Class C	\$ 1,000	\$ 1,311.50	\$ 11.44	\$ 1,000	\$ 1,015.03	\$ 9.97	1.99%
Class I	\$ 1,000	\$ 1,319.00	\$ 4.75	\$ 1,000	\$ 1,020.81	\$ 4.14	0.83%
Class N	\$ 1,000	\$ 1,318.10	\$ 4.75	\$ 1,000	\$ 1,020.81	\$ 4.14	0.83%
Class R	\$ 1,000	\$ 1,313.30	\$ 9.14	\$ 1,000	\$ 1,017.05	\$ 7.97	1.58%
Class Y	\$ 1,000	\$ 1,315.70	\$ 7.06	\$ 1,000	\$ 1,018.81	\$ 6.16	1.23%
<b>Ivy Municipal Bond Fund</b>							
Class A	\$ 1,000	\$ 1,012.40	\$ 4.23	\$ 1,000	\$ 1,020.76	\$ 4.24	0.83%
Class B**	\$ 1,000	\$ 1,007.70	\$ 9.03	\$ 1,000	\$ 1,015.89	\$ 9.07	1.81%
Class C	\$ 1,000	\$ 1,007.90	\$ 8.73	\$ 1,000	\$ 1,016.26	\$ 8.77	1.74%
Class I	\$ 1,000	\$ 1,013.10	\$ 3.52	\$ 1,000	\$ 1,021.41	\$ 3.54	0.70%
Class N	\$ 1,000	\$ 1,013.30	\$ 3.02	\$ 1,000	\$ 1,021.93	\$ 3.03	0.60%
Class Y	\$ 1,000	\$ 1,012.40	\$ 4.23	\$ 1,000	\$ 1,020.77	\$ 4.24	0.83%
<b>Ivy Municipal High Income Fund</b>							
Class A	\$ 1,000	\$ 1,024.80	\$ 4.45	\$ 1,000	\$ 1,020.52	\$ 4.45	0.88%
Class B**	\$ 1,000	\$ 1,021.00	\$ 8.19	\$ 1,000	\$ 1,016.85	\$ 8.17	1.62%
Class C	\$ 1,000	\$ 1,021.20	\$ 7.98	\$ 1,000	\$ 1,017.05	\$ 7.97	1.58%
Class I	\$ 1,000	\$ 1,026.20	\$ 3.14	\$ 1,000	\$ 1,021.87	\$ 3.13	0.61%
Class N	\$ 1,000	\$ 1,025.80	\$ 3.04	\$ 1,000	\$ 1,021.93	\$ 3.03	0.60%
Class Y	\$ 1,000	\$ 1,024.80	\$ 4.45	\$ 1,000	\$ 1,020.52	\$ 4.45	0.88%

See footnotes on page 9.

[Table of Contents](#)

## ILLUSTRATION OF FUND EXPENSES

IVY FUNDS

(UNAUDITED)

Fund	Actual(1)			Hypothetical(2)			Annualized Expense Ratio Based on the Six-Month Period
	Beginning Account Value 9-30-20	Ending Account Value 3-31-21	Expenses Paid During Period*	Beginning Account Value 9-30-20	Ending Account Value 3-31-21	Expenses Paid During Period*	
<b>Ivy Pzena International Value Fund</b>							
Class A	\$ 1,000	\$ 1,377.30	\$ 8.91	\$ 1,000	\$ 1,017.44	\$ 7.57	1.50%
Class B**	\$ 1,000	\$ 1,361.90	\$ 21.97	\$ 1,000	\$ 1,006.32	\$ 18.66	3.73%
Class C	\$ 1,000	\$ 1,372.20	\$ 12.81	\$ 1,000	\$ 1,014.15	\$ 10.88	2.16%
Class I	\$ 1,000	\$ 1,380.40	\$ 6.67	\$ 1,000	\$ 1,019.36	\$ 5.65	1.12%
Class N	\$ 1,000	\$ 1,381.90	\$ 5.60	\$ 1,000	\$ 1,020.23	\$ 4.75	0.94%
Class R	\$ 1,000	\$ 1,376.30	\$ 9.98	\$ 1,000	\$ 1,016.50	\$ 8.47	1.69%
Class Y	\$ 1,000	\$ 1,378.50	\$ 7.97	\$ 1,000	\$ 1,018.18	\$ 6.76	1.35%
<b>Ivy Securian Core Bond Fund</b>							
Class A	\$ 1,000	\$ 994.90	\$ 4.29	\$ 1,000	\$ 1,020.58	\$ 4.34	0.87%
Class B**	\$ 1,000	\$ 989.80	\$ 9.35	\$ 1,000	\$ 1,015.52	\$ 9.47	1.89%
Class C	\$ 1,000	\$ 991.10	\$ 8.16	\$ 1,000	\$ 1,016.77	\$ 8.27	1.64%
Class E	\$ 1,000	\$ 994.50	\$ 4.69	\$ 1,000	\$ 1,020.19	\$ 4.75	0.95%
Class I	\$ 1,000	\$ 997.00	\$ 2.20	\$ 1,000	\$ 1,022.68	\$ 2.22	0.45%
Class N	\$ 1,000	\$ 997.00	\$ 2.20	\$ 1,000	\$ 1,022.68	\$ 2.22	0.45%
Class R	\$ 1,000	\$ 993.30	\$ 5.98	\$ 1,000	\$ 1,018.95	\$ 6.06	1.20%
Class Y	\$ 1,000	\$ 995.00	\$ 4.29	\$ 1,000	\$ 1,020.61	\$ 4.34	0.87%
<b>Ivy Small Cap Core Fund</b>							
Class A	\$ 1,000	\$ 1,466.00	\$ 8.26	\$ 1,000	\$ 1,018.20	\$ 6.76	1.35%
Class B**	\$ 1,000	\$ 1,458.60	\$ 14.38	\$ 1,000	\$ 1,013.18	\$ 11.78	2.36%
Class C	\$ 1,000	\$ 1,461.40	\$ 12.68	\$ 1,000	\$ 1,014.63	\$ 10.38	2.07%
Class I	\$ 1,000	\$ 1,469.90	\$ 5.43	\$ 1,000	\$ 1,020.51	\$ 4.45	0.89%
Class N	\$ 1,000	\$ 1,469.60	\$ 5.43	\$ 1,000	\$ 1,020.51	\$ 4.45	0.89%
Class R	\$ 1,000	\$ 1,464.40	\$ 10.10	\$ 1,000	\$ 1,016.77	\$ 8.27	1.64%
Class Y	\$ 1,000	\$ 1,466.60	\$ 8.02	\$ 1,000	\$ 1,018.46	\$ 6.56	1.30%
<b>Ivy Small Cap Growth Fund</b>							
Class A	\$ 1,000	\$ 1,325.10	\$ 7.21	\$ 1,000	\$ 1,018.76	\$ 6.26	1.24%
Class B**	\$ 1,000	\$ 1,318.40	\$ 12.52	\$ 1,000	\$ 1,014.14	\$ 10.88	2.17%
Class C	\$ 1,000	\$ 1,319.80	\$ 11.71	\$ 1,000	\$ 1,014.78	\$ 10.17	2.04%
Class E	\$ 1,000	\$ 1,324.60	\$ 7.55	\$ 1,000	\$ 1,018.46	\$ 6.56	1.30%
Class I	\$ 1,000	\$ 1,327.30	\$ 5.12	\$ 1,000	\$ 1,020.50	\$ 4.45	0.89%
Class N	\$ 1,000	\$ 1,327.80	\$ 5.00	\$ 1,000	\$ 1,020.61	\$ 4.34	0.87%
Class R	\$ 1,000	\$ 1,322.80	\$ 9.29	\$ 1,000	\$ 1,016.90	\$ 8.07	1.61%
Class Y	\$ 1,000	\$ 1,325.10	\$ 7.21	\$ 1,000	\$ 1,018.76	\$ 6.26	1.24%

See footnotes on page 9.

[Table of Contents](#)

## ILLUSTRATION OF FUND EXPENSES

IVY FUNDS

(UNAUDITED)

Fund Ivy Value Fund	Actual(1)			Hypothetical(2)			Annualized Expense Ratio Based on the Six-Month Period
	Beginning Account Value 9-30-20	Ending Account Value 3-31-21	Expenses Paid During Period*	Beginning Account Value 9-30-20	Ending Account Value 3-31-21	Expenses Paid During Period*	
Class A	\$ 1,000	\$ 1,332.00	\$ 6.76	\$ 1,000	\$ 1,019.10	\$ 5.86	1.17%
Class B**	\$ 1,000	\$ 1,324.30	\$ 13.36	\$ 1,000	\$ 1,013.44	\$ 11.58	2.31%
Class C	\$ 1,000	\$ 1,327.00	\$ 11.52	\$ 1,000	\$ 1,015.04	\$ 9.97	1.98%
Class I	\$ 1,000	\$ 1,333.50	\$ 5.25	\$ 1,000	\$ 1,020.39	\$ 4.55	0.91%
Class N	\$ 1,000	\$ 1,334.30	\$ 4.32	\$ 1,000	\$ 1,021.18	\$ 3.74	0.75%
Class R	\$ 1,000	\$ 1,329.30	\$ 8.97	\$ 1,000	\$ 1,017.19	\$ 7.77	1.55%
Class Y	\$ 1,000	\$ 1,332.00	\$ 6.76	\$ 1,000	\$ 1,019.10	\$ 5.86	1.17%

\*Fund expenses for each share class are equal to the Fund's annualized expense ratio for each share class (provided in the table), multiplied by the average account value over the period, multiplied by 182 days in the six-month period ended March 31, 2021, and divided by 365.

\*\*These class shares are not available for direct investment. However, they are available for dividend reinvestment and exchange of the same class shares of another Ivy Fund.

(1) This section uses the Fund's actual total return and actual Fund expenses. It is a guide to the actual expenses paid by the Fund in the period. The "Ending Account Value" shown is computed using the Fund's actual return and the "Expenses Paid During Period" column shows the dollar amount that would have been paid by an investor who started with \$1,000 in the Fund. A shareholder may use the information here, together with the dollar amount invested, to estimate the expenses that were paid over the period. For every thousand dollars a shareholder has invested, the expenses are listed in the last column of this section.

(2) This section uses a hypothetical five percent annual return and actual Fund expenses. It helps to compare the Fund's ongoing costs with other mutual funds. A shareholder can compare the Fund's ongoing costs by comparing this hypothetical example with the hypothetical examples that appear in shareholder reports of other funds.

(3) Annualized Expense Ratio Based on the Six-Month Period does not include expenses of Underlying Ivy Funds in which Ivy Managed International Opportunities Fund invests.

The above illustrations are based on ongoing costs only and do not include any transactional costs, such as sales loads or exchange fees.

[Table of Contents](#)**MANAGEMENT DISCUSSION****IVY CORE EQUITY FUND**

(UNAUDITED)



Erik R. Becker

*Erik R. Becker, CFA, portfolio manager of Ivy Core Equity Fund, discusses positioning, performance and results for the fiscal year ended March 31, 2021. Mr. Becker has managed the Fund since 2006 and has 23 years of industry experience.*

**Fiscal Year Performance**

For the 12 Months Ended March 31, 2021

<b>Ivy Core Equity Fund (Class A shares at net asset value)</b>	57.58%
<b>Ivy Core Equity Fund (Class A shares, including sales charges)</b>	52.01%

Benchmark and Morningstar Category

<b>S&amp;P 500 Index</b>	56.35%
--------------------------	--------

(Generally reflects the performance of large- and medium-sized U.S. stocks)

<b>Morningstar Large Blend Category Average</b>	56.80%
---	--------

(Generally reflects the performance of the universe of funds with similar investment objectives)

*Please note that Fund returns include applicable fees and expenses while index returns do not include any such fees. The performance discussion below is at net asset value (NAV).*

**Market conditions**

For the fiscal year ended March 31, 2021, the S&P 500 Index, the Fund's benchmark, increased by more than 56%. It goes without saying that the starting point to the period came shortly after the pandemic-induced market bottom of March 23, 2020, leading to extraordinary returns over the measurement period. Materials led all sectors for the year with a return of over 78%. Energy followed, increasing 75%. Consumer discretionary rounded out the top three with a return of 70%. The index's worst performing sectors for the fiscal period included utilities, consumer staples and real estate.

Off what was nearly the cycle bottom, the leadership of the market was cyclically driven while the more defensive groups significantly lagged. This was to be expected given the magnitude of gross domestic product (GDP) growth decline (-31% on a quarter-over-quarter annualized basis in the June quarter) and subsequent recovery (+33% in September quarter). For the full fiscal year, growth stocks led value stocks by nearly 10 percentage points as measured by comparative returns of the Russell 1000 Growth Index versus the Russell 1000 Value Index, though value had a pronounced recovery in the March 2021 quarter.

**Contributors and detractors**

The Fund outperformed its benchmark and peers for the measurement period, before the effects of sales charges. Individual stock selection drove the majority of relative performance while sector allocation decisions were roughly neutral to performance. The portfolio's small weighting in cash (averaging 0.75% of fund assets) detracted over 1% to returns given the sharp appreciation in the market. United Rentals, Inc. was the best performing equity for the year, driving over 1.2% of portfolio active return. Discover Financial Services, Morgan Stanley and Aptiv PLC each delivered over 1.0% of portfolio active return. One of the worst performing positions over the past year was Lockheed Martin, which cost the portfolio 0.6% of active return. Cisco Systems, Inc., NextEra Energy, Citigroup, Inc. and Fiserv, Inc. also detracted from relative performance though at a far lower rate than the portfolio's best performers. Of these names, only NextEra Energy and Fiserv are still holdings of the Fund.

The past 12 months was truly a remarkable period. It goes without saying that the loss of life associated with COVID-19 was truly tragic. Despite immense hardship inflicted on so many families, the strength of the American system once again looks to have prevailed. Consumers, businesses and policymakers (despite nasty division) acted in the midst of unprecedented adversity to limit the scope of decline and prepare for recovery. As we sit today, consumers have built unprecedented savings with the help of the largest fiscal spending (2020) since World War II (adjusted for inflation). The recent signing on March 11 of the latest fiscal stimulus bill — \$1.9 trillion — and expectations for some portion of President Biden's \$2 trillion infrastructure package to be enacted add support for a significant acceleration in GDP growth for both 2021 and 2022. This in conjunction with expectations for strides in vaccination and economic re-opening, drives our economists to expect U.S. GDP to rise over 7% in 2021 and over 5% in 2022, providing significant support to revenues and profits for the market.

Counterbalancing expected profit leverage to U.S. and global economic strength, tax rates are broadly expected to move higher as current proposals call for a hike to the U.S. corporate tax rate to 28% from 21% and a global minimum tax on international earnings. While we don't know the exact destination of tax rates, we expect taxes to be somewhat of a headwind to corporate profit growth in the future. That said, current consensus expectations for >25% earnings growth for S&P 500 companies in 2021 followed by 15% in 2022 seems broadly realistic in light of analysts' tendency to underestimate operating leverage early in an economic cycle.

[Table of Contents](#)

At the moment, most market participants expect a sharp rise in inflation in the near term as higher energy prices and base effects (comparisons from calendar year 2020) create the illusion of rapid price growth. Persistent inflation due to a hot economy and resource constraints (labor, commodities, transportation, etc.) is not the consensus base case and could create future surprises in both the equity and bond markets.

We have made very few changes to portfolio composition over the last quarter. Our only new addition to the portfolio during the fiscal period was American Express Co., a company that trades significantly cheaper than the market and peers, such as MasterCard, Inc. and Visa, Inc. (not a Fund holding). American Express is expected to see rapid growth in revenue and earnings as consumer spending broadens out. During the measurement period, the portfolio exited positions in Facebook, Intuit and Walmart, Inc. at gains to focus on similar securities within each sector we believe have better reward/risk tradeoffs (Alphabet, Inc., Microsoft Corp. and Costco Wholesale Corp.). The Fund's largest sector overweight continues to be financials. This is not a significant macro-driven prediction for higher interest rates, given several of the Fund holdings (Blackstone Group, KKR & Co, Artisan Partners, and others) do particularly well in a low rate environment.

For several quarters, we had been writing about the growing discomfort with the growth and momentum characteristics of the equity market. We slowly transitioned the Fund to be more valuation sensitive and, as opportunities presented themselves, moved aggressively to purchase securities where we saw significant dislocations in their valuations during the early innings of the pandemic. With value having significantly outperformed growth over the prior two quarters, some of the valuation opportunity inherent in the market has dissipated.

The leadership stocks within the market have become, in many cases, value stocks or reopening stocks. Expensive growth stocks have underperformed, though only for a few quarters. Left behind, we believe, are the stable compounders: companies expected to grow revenues 5-10% with valuations about in line with the overall market. These companies are not sexy, they are not on any hedge fund's "re-opening list," and they are not cheap enough to be called "deep value" during a rotation to value securities. However, as a group, they have become cheaper. We happen to own several of these securities, such as United Healthcare Group, Inc., the most dominant and integral player within U.S. health care. Another is Aon plc, an insurance brokerage with expected revenue growth in the mid-single digits with a large catalyst ahead in the potential acquisition of Willis Towers Watson, not a Fund holding. Finally, Fiserv, which is the Fund's largest active weighting, is valued at a discount to the market on forward earnings with mid- to high-single digit sustainable revenue growth and leverage to accelerated spending on travel, leisure and in-person venues.

We believe the Fund's risk characteristics are well controlled. Though the future looks bright, we are cognizant of growing risks in the form of persistent inflation, aggressive use of leverage by market participants, and a Federal Reserve that will ultimately move away from extraordinary accommodation. As always, we thank you for your interest in our strategy and look forward to updating you in the future.

**Performance shown at NAV does not include the effect of sales charges. If reflected, the performance shown would have been lower. Performance including sales charges reflects the maximum applicable front-end sales load and thus the lowest possible performance after sales charges. Your sales charges could be lower.**

**Past performance is not a guarantee of future results. The value of the Fund's shares will change, and you could lose money on your investment.**

**Because the Fund is generally invested in a small number of stocks, the performance of any one security held by the Fund will have a greater impact than if the Fund were invested in a larger number of securities. Although larger companies tend to be less volatile than companies with smaller market capitalizations, returns on investments in securities of large capitalization companies could trail the returns on investments in securities of smaller companies. These and other risks are more fully described in the Fund's prospectus.**

**The opinions expressed in this report are those of the Fund's portfolio manager and are current only through the end of the period of the report as stated on the cover. The manager's views are subject to change at any time based on market and other conditions, and no forecasts can be guaranteed.**

**The index noted is unmanaged, includes reinvested dividends, and does not include fees. One cannot invest directly in an index, nor is an index representative of Ivy Core Equity Fund.**

[Table of Contents](#)**PORTFOLIO HIGHLIGHTS****IVY CORE EQUITY FUND**

ALL DATA IS AS OF MARCH 31, 2021 (UNAUDITED)

**Asset Allocation**

<b>Stocks</b>	<b>99.7%</b>
Information Technology	27.5%
Financials	19.2%
Health Care	13.1%
Consumer Discretionary	10.3%
Industrials	10.0%
Communication Services	8.2%
Consumer Staples	5.0%
Materials	2.9%
Utilities	2.3%
Real Estate	1.2%
<b>Cash and Other Assets (Net of Liabilities), and Cash Equivalents+</b>	<b>0.3%</b>

**Top 10 Equity Holdings**

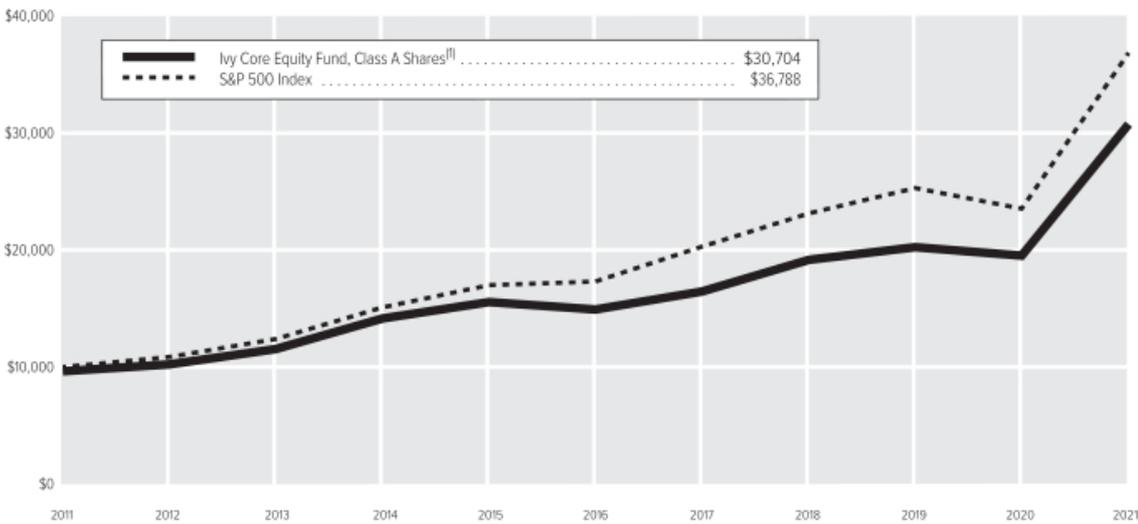
<b>Company</b>	<b>Sector</b>	<b>Industry</b>
Microsoft Corp.	Information Technology	Systems Software
Fiserv, Inc.	Information Technology	Data Processing & Outsourced Services
Apple, Inc.	Information Technology	Technology Hardware, Storage & Peripherals
Alphabet, Inc., Class A	Communication Services	Interactive Media & Services
JPMorgan Chase & Co.	Financials	Other Diversified Financial Services
UnitedHealth Group, Inc.	Health Care	Managed Health Care
<a href="#">Amazon.com</a> , Inc.	Consumer Discretionary	Internet & Direct Marketing Retail
MasterCard, Inc., Class A	Information Technology	Data Processing & Outsourced Services
Union Pacific Corp.	Industrials	Railroads
Aon plc	Financials	Insurance Brokers

See your advisor or [www.ivyinvestments.com](http://www.ivyinvestments.com) for more information on the Fund's most recently published Top 10 Equity Holdings.

+Cash equivalents are defined as highly liquid securities with maturities of less than three months. Cash equivalents may include U.S. Government Treasury bills, bank certificates of deposit, bankers' acceptances, corporate commercial paper and other money market instruments.

[Table of Contents](#)**COMPARISON OF CHANGE IN VALUE OF \$10,000 INVESTMENT****IVY CORE EQUITY FUND**

(UNAUDITED)



Please note that the performance of the Fund's other share classes will be greater or less than the performance shown above for Class A based on the differences in loads and fees paid by shareholders investing in the different classes.

(1) The value of the investment in the Fund is impacted by the sales load at the time of the investment and by the ongoing expenses of the Fund and assumes reinvestment of dividends and distributions.

Average Annual Total Return(2)	Class A(3)	Class B(4)	Class C	Class E(3)	Class I	Class N	Class R	Class Y
1-year period ended 3-31-21	52.01%	51.92%	56.31%	53.69%	57.92%	58.14%	56.93%	57.75%
5-year period ended 3-31-21	14.73%	14.25%	14.62%	14.97%	15.83%	15.99%	15.12%	15.81%
10-year period ended 3-31-21	11.87%	11.37%	11.58%	11.91%	12.60%	—	—	12.54%
Since Inception of Class through 3-31-21(5)	—	—	—	—	—	12.31%	13.30%	—

(2) Data quoted is past performance and is based on deduction of the maximum applicable sales load for each of the periods. Current performance may be lower or higher. Past performance is no guarantee of future results. Investment return and principal value of an investment will fluctuate and shares, when redeemed, may be worth more or less than their original cost. Please visit [www.ivyinvestments.com](http://www.ivyinvestments.com) for the Fund's most recent month end performance. Class A and Class E Shares carry a maximum front-end sales load of 3.50%(a) and 2.50%, respectively. Class B and Class C shares carry a maximum contingent deferred sales charge (CDSC) of 5% and 1%, respectively (the Class C shares reflect no CDSC since it only applies to Class C shares redeemed within twelve months after purchase). Class I, Class N, Class R and Class Y shares are not subject to sales charges.

(3) Class A shares carry a CDSC on shares purchased at net asset value for \$1 million or more that are subsequently redeemed within 12 months of purchase. Effective October 1, 2020, Class A shares carry a CDSC on shares purchased at net asset value for \$500,000 or more that are subsequently redeemed within 12 months of purchase. Class E shares carry a CDSC on shares purchased at net asset value for \$250,000 or more that are subsequently redeemed within 12 months of purchase.

(4) Class B shares are not currently available for direct investment. However, they are available for dividend reinvestment and exchange of the same class shares of another Ivy Fund.

(5) 7-31-14 for Class N shares and 12-19-12 for Class R shares (the date on which shares were first acquired by shareholders).

Past performance is not necessarily indicative of future performance. Indexes are unmanaged. The performance graph and table do not reflect the deduction of taxes that a shareholder would pay on Fund distributions or on the redemption of Fund shares. Performance results may include the effect of expense reduction arrangements for some or all of the periods shown. If those arrangements had not been in place, the performance results for those periods would have been lower.

(a) Effective October 1, 2020, the maximum applicable sales charge for Class A shares has been lowered to 3.50% from 5.75%.

[Table of Contents](#)**SCHEDULE OF INVESTMENTS****IVY CORE EQUITY FUND** (in thousands)

MARCH 31, 2021

<b>COMMON STOCKS</b>	<b>Shares</b>	<b>Value</b>	<b>COMMON STOCKS (Continued)</b>	<b>Shares</b>	<b>Value</b>	<b>COMMON STOCKS (Continued)</b>	<b>Shares</b>	<b>Value</b>
<b>Communication Services</b>			<b>Financial Exchanges &amp; Data – 2.2%</b>			<b>Semiconductors – 5.4%</b>		
Cable & Satellite – 1.6%			CME Group, Inc.	513	\$104,851	Analog Devices, Inc.	463	\$ 71,754
Charter Communications, Inc., Class A (A)	119	\$ 73,185	<b>Insurance Brokers – 2.7%</b>			Taiwan Semiconductor Manufacturing Co. Ltd. ADR	701	82,910
<b>Interactive Home Entertainment – 1.1%</b>			Aon plc	545	125,479	Texas Instruments, Inc.	512	96,759
Take-Two Interactive Software, Inc. (A)	291	51,443	<b>Investment Banking &amp; Brokerage – 2.1%</b>					251,423
<b>Interactive Media &amp; Services – 3.8%</b>			Morgan Stanley	1,237	96,045	<b>Systems Software – 7.1%</b>		
Alphabet, Inc., Class A (A)	86	177,998	<b>Other Diversified Financial Services – 3.3%</b>			Microsoft Corp.	1,419	334,475
<b>Movies &amp; Entertainment – 1.7%</b>			JPMorgan Chase & Co.	1,026	156,142	<b>Technology Hardware, Storage &amp; Peripherals – 4.0%</b>		
Netflix, Inc. (A)	158	82,313	<b>Total Financials – 19.2%</b>		<b>899,089</b>	Apple, Inc.	1,527	186,518
<b>Total Communication Services – 8.2%</b>		<b>384,939</b>	<b>Health Care</b>			<b>Total Information Technology – 27.5%</b>		<b>1,286,045</b>
<b>Consumer Discretionary</b>			<b>Health Care Equipment – 4.1%</b>			<b>Materials</b>		
Auto Parts & Equipment – 2.3%			Danaher Corp.	342	76,917	Industrial Gases – 1.0%		
Aptiv plc (A)	781	107,679	Zimmer Holdings, Inc.	726	116,146	Linde plc	162	45,357
<b>Automotive Retail – 2.0%</b>					193,063	<b>Specialty Chemicals – 1.9%</b>		
AutoZone, Inc. (A)	66	92,059	<b>Health Care Facilities – 2.2%</b>			Sherwin-Williams Co. (The)	123	90,786
<b>Footwear – 1.6%</b>			HCA Holdings, Inc.	552	103,874	<b>Total Materials – 2.9%</b>		<b>136,143</b>
NIKE, Inc., Class B	561	74,579	<b>Managed Health Care – 3.2%</b>			<b>Real Estate</b>		
<b>Homebuilding – 1.2%</b>			UnitedHealth Group, Inc.	405	150,591	Health Care REITs – 1.2%		
D.R. Horton, Inc.	641	57,096	<b>Pharmaceuticals – 3.6%</b>			Welltower, Inc.	784	56,176
<b>Internet &amp; Direct Marketing Retail – 3.2%</b>			Eli Lilly and Co.	496	92,602	<b>Total Real Estate – 1.2%</b>		<b>56,176</b>
Amazon.com, Inc. (A)	48	149,054	Zoetis, Inc.	476	74,989	<b>Utilities</b>		
<b>Total Consumer Discretionary – 10.3%</b>		<b>480,467</b>			167,591	Electric Utilities – 2.3%		
<b>Consumer Staples</b>			<b>Total Health Care – 13.1%</b>		<b>615,119</b>	NextEra Energy, Inc.	1,400	105,888
Food Distributors – 1.5%			<b>Industrials</b>			<b>Total Utilities – 2.3%</b>		<b>105,888</b>
Sysco Corp.	901	70,966	Aerospace & Defense – 1.6%			<b>TOTAL COMMON STOCKS – 99.7%</b>		<b>\$4,666,271</b>
<b>Household Products – 1.3%</b>			Airbus SE ADR	2,560	72,672	(Cost: \$2,790,803)		
Procter & Gamble Co. (The)	458	62,016	<b>Agricultural &amp; Farm Machinery – 2.0%</b>			<b>SHORT-TERM SECURITIES</b>		
<b>Hypermarkets &amp; Super Centers – 2.2%</b>			Deere & Co.	252	94,438	Money Market Funds (B) – 0.3%		
Costco Wholesale Corp.	287	101,021	<b>Industrial Machinery – 1.4%</b>			State Street Institutional U.S. Government Money Market Fund – Premier Class, 0.040%	14,520	14,520
<b>Total Consumer Staples – 5.0%</b>		<b>234,003</b>	Stanley Black & Decker, Inc.	331	66,068	<b>TOTAL SHORT-TERM SECURITIES – 0.3%</b>		<b>\$ 14,520</b>
<b>Financials</b>			<b>Railroads – 2.7%</b>			(Cost: \$14,520)		
Asset Management & Custody Banks – 5.7%			Union Pacific Corp.	575	126,842	<b>TOTAL INVESTMENT SECURITIES – 100.0%</b>		<b>\$4,680,791</b>
Artisan Partners Asset Management, Inc.	1,348	70,344	<b>Trading Companies &amp; Distributors – 2.3%</b>			(Cost: \$2,805,323)		
Blackstone Group, Inc. (The), Class A	1,365	101,736	United Rentals, Inc. (A)	329	108,382	<b>CASH AND OTHER ASSETS, NET OF LIABILITIES – 0.0%</b>		<b>1,329</b>
KKR & Co.	1,892	92,405	<b>Total Industrials – 10.0%</b>		<b>468,402</b>	<b>NET ASSETS – 100.0%</b>		<b>\$4,682,120</b>
<b>Consumer Finance – 3.2%</b>			<b>Information Technology</b>					
American Express Co.	545	77,155	Data Processing & Outsourced Services – 8.5%					
Discover Financial Services	789	74,932	Fiserv, Inc. (A)	1,642	195,406			
		152,087	MasterCard, Inc., Class A	381	135,798			
			PayPal, Inc. (A)	270	65,600			
					396,804			
			<b>Electronic Manufacturing Services – 2.5%</b>					
			TE Connectivity Ltd.	905	116,825			

[Table of Contents](#)**SCHEDULE OF INVESTMENTS**IVY CORE EQUITY FUND *(in thousands)*

MARCH 31, 2021

**Notes to Schedule of Investments**

(A) No dividends were paid during the preceding 12 months.

(B) Rate shown is the annualized 7-day yield at March 31, 2021.

The following table is a summary of the valuation of the Fund's investments by the fair value hierarchy levels as of March 31, 2021. See Note 3 to the Financial Statements for further information regarding fair value measurement.

	Level 1	Level 2	Level 3
<b>Assets</b>			
Investments in Securities			
Common Stocks	\$4,666,271	\$ —	\$ —
Short-Term Securities	14,520	—	—
Total	<u>\$4,680,791</u>	<u>\$ —</u>	<u>\$ —</u>

The following acronyms are used throughout this schedule:

ADR = American Depositary Receipts

REIT = Real Estate Investment Trust

See Accompanying Notes to Financial Statements.

2021 ANNUAL REPORT 15

[Table of Contents](#)**MANAGEMENT DISCUSSION****IVY EMERGING MARKETS EQUITY FUND**

(UNAUDITED)



Jonas Krumplys

*Below, Jonas M. Krumplys, CFA, and Aditya Kapoor, CFA, portfolio managers of Ivy Emerging Markets Equity Fund, discuss positioning, performance and results for the fiscal year ended March 31, 2021. Mr. Krumplys has 39 years industry experience and has managed the Fund for seven years. Mr. Kapoor has 14 years of industry experience and has managed the Fund for four years.*

**Fiscal Year Performance**

For the 12 Months Ended March 31, 2021

<b>Ivy Emerging Markets Equity Fund (Class A shares at net asset value)</b>	81.21%
<b>Ivy Emerging Markets Equity Fund (Class A shares including sales charges)</b>	74.83%

**Benchmark and Morningstar Category**

<b>MSCI Emerging Markets Index</b>	58.39%
------------------------------------	--------

(generally reflects the performance of stocks across emerging market countries worldwide)

<b>Morningstar Diversified Emerging Markets Category Average</b>	62.38%
--	--------

(generally reflects the performance of the universe of funds with similar investment objectives)

*Please note that Fund returns include applicable fees and expenses, while index returns do not include any such fees. The performance discussion below is at net asset value (NAV).*



Aditya Kapoor

**Emerging markets stand their ground**

What a difference a year makes. At this time last year, we were looking forward to a swift return to normal. We quickly learned the COVID-19 pandemic was going for the long haul. We wish all the best to our clients in these unprecedented times. Through better and worse, emerging markets have fared relatively well from an investment standpoint. Despite the challenges presented throughout the fiscal year, with the support of strong underlying fundamentals, emerging markets showed resiliency and persevered. The pandemic, which shined a light on the value of innovation and forward-thinking business models, proved to be the driving force behind markets. Emerging markets' leadership in these areas was further highlighted.

Through the first half of the fiscal year, growth companies, highlighted by those with innovative technology, reigned. Business models focused on the virtual world were already on the fast track but accelerated as a result of lockdowns. Also, virus management proved to be an important factor. Countries that took strict initial measures and used contact tracing technology to stop the spread of the virus fared well. South Korea, Taiwan and China were beneficiaries of both.

Later in the year, the prospects of "reopening" coupled with more clarity surrounding the U.S. elections and future stimulus drove a recovery in cyclical areas of the global economy. Latin American countries (particularly Brazil) posted significant gains in the early stages of that cyclical bounce but have recently struggled to control COVID-19 and, as a result, markets have lagged. South Africa and Russia, both with commodity-linked economies, have done well. India, which has been faced with several challenges, has managed to keep its economy in comparatively good shape. The country's equity markets have been relatively strong, led by their high-quality privatized banks and Reliance Industries, the country's largest company. China, which has been a prime area for investing, slowed down recently as several situations mounted. Local Chinese demand for Hong Kong listed stocks, via the stock connect, soured. These were some of the best performing and most sought-after companies in 2020. Stocks also sold off as the market continued to digest regulatory proposals from the Chinese government. Most important, perhaps, was rumblings that China may tighten liquidity in its financial system. On a side note, major emerging-market currencies strengthened over the last year, with the Brazilian real being the exception.

**Strong outperformance over the period**

The Fund posted strong positive performance and significantly outperformed its benchmark index and Morningstar peer group for the fiscal year. Key drivers of performance were strong stock selection as well as allocation decisions in the consumer discretionary and financials sectors. China, Taiwan, and Brazil were the largest contributors to performance as a result of good stock selection in those countries.

The largest individual relative contributors were MercadoLibre, Inc. (the leading e-commerce company in Latin America that has also developed a successful fintech business), Meituan Dianping (a top Chinese consumer platform that focuses on consumer services like food delivery, online travel bookings, and other services), and Freeport-McMoRan Copper & Gold, Inc., Class B (a global mining company with a significant copper business). The Fund no longer holds Meituan Dianping.

From a sector standpoint, the Fund experienced a slight headwind from an underweight in materials and overweight in real estate. Stock selection in South Africa detracted from performance and stock selection in Indonesia also had a small negative impact. Cash, which averaged just over 1.5% over the year, also detracted.

[Table of Contents](#)

The largest individual detractors were AngloGold Ashanti Ltd. (a South African gold miner that the Fund has owned over a period when gold prices have been down), Hypermarcas S.A. (a Brazil based pharmaceutical company that was weak as a result of lower prescription volumes precipitated by a decline in doctor visits), and Bharti Airtel Ltd. (an Indian telecom company that faced some competitive pressure and a regulatory overhang that alleviated later in the year). Not owning NIO Inc. (a Chinese electric vehicle company) also dragged on relative performance. The Fund no longer holds Hypermarcas S.A.

### Fund positioning and outlook

While there is a lot of noise in global markets, we believe emerging-market fundamentals are strong. On one hand, are the Asian economies that have weathered the storm well and equity market performance, over the last year, reflects this resilience. On the other hand, are the more fragile economies that have suffered more from the pandemic, or are more cyclical in nature, or both.

In the case of China, South Korea and Taiwan, all of which have remained stable, they continue to provide compelling investment opportunities. While China is tightening liquidity in their monetary system, this is consistent with the goals they had put in place prior to the pandemic. China's intent has been to deleverage and focus on more sustained drivers of growth. While this may slow gross domestic product (GDP) growth rates and, as a result, create headline risk in the near term, it does not mean individual companies can't thrive. In the case of Taiwan and South Korea, companies in those countries are leaders in certain industries, have clear strategic advantages and, we believe, can bring shareholders value for many years.

Brazil has struggled to temper the spread of the virus. A more cavalier approach to the virus has now left them a step behind, including not ordering vaccines with any sense of urgency. At the same time, Brazilian equities have significantly trailed broader emerging markets and there are attractive pockets to invest in within that market.

India is also in a precarious situation. However, as compared to Brazil, India is a manufacturer of COVID-19 vaccines. They also have more monetary and fiscal capacity to support their economy and financial markets. These two characteristics have brought, and we believe should continue to provide more stability to India based equities.

The pandemic is clearly not over as threats linger, but the heterogeneity of emerging markets creates an environment where as one opportunity fades another emerges. Recent market reactions have opened the door in some areas and lagging markets in select countries leaves further room for valuations to rise when these countries, ultimately, get back on track. We remain committed to finding the perceived best companies with sustainable growth and discovering companies on the verge of positive cyclical inflection points.

**Performance shown at NAV does not include the effect of sales charges. If reflected, the performance shown would have been lower. Performance including sales charges reflects the maximum applicable front-end sales load and thus the lowest possible performance after sales charges. Your sales charges could be lower.**

**Past performance is not a guarantee of future results. The value of the Fund's shares will change, and you could lose money on your investment.**

The Fund may use a range of derivative instruments to manage exposure to various foreign currencies, to gain exposure to certain individual securities, to hedge various market and event risks and as a means of generating additional income from written options. Derivative instruments that may be used include forward contracts to either increase or decrease exposure to a given currency, and options, both written and purchased, on individual equity securities and/or equity markets. The Fund also may use futures contracts on foreign equity indices.

International investing involves additional risks, including currency fluctuations, political or economic conditions affecting the foreign country, and differences in accounting standards and foreign regulations. These risks are magnified in emerging markets. The value of the Fund's investments, as measured in U.S. dollars, may be unfavorably affected by changes in foreign currency exchange rates and exchange control regulations.

Investments in countries with emerging economies or securities markets may carry greater risk than investments in more developed countries. Political and economic structures in many such countries may be undergoing significant evolution and rapid development, and such countries may lack the social, political and economic stability characteristics of more developed countries. Investments in securities issued in these countries may be more volatile and less liquid than securities issued in more developed countries. These and other risks are more fully described in the Fund's prospectus.

The opinions expressed in this report are those of the Fund's portfolio managers and are current only through the end of the period of the report as stated on the cover. The portfolio managers' views are subject to change at any time based on market and other conditions, and no forecasts can be guaranteed.

The index noted is unmanaged, includes reinvested dividends and does not include fees. One cannot invest directly in an index, nor is an index representative of the Ivy Emerging Markets Equity Fund.

[Table of Contents](#)**PORTFOLIO HIGHLIGHTS****IVY EMERGING MARKETS EQUITY FUND**

ALL DATA IS AS OF MARCH 31, 2021 (UNAUDITED)

**Asset Allocation**

<b>Stocks</b>	<b>97.5%</b>
Consumer Discretionary	24.0%
Information Technology	19.1%
Communication Services	12.5%
Financials	12.1%
Materials	7.7%
Consumer Staples	6.6%
Energy	4.6%
Health Care	4.0%
Industrials	4.0%
Real Estate	2.9%
<b>Liabilities (Net of Cash and Other Assets), and Cash Equivalents+</b>	<b>2.5%</b>

**Country Weightings**

<b>Pacific Basin</b>	<b>76.0%</b>
China	34.0%
South Korea	14.9%
Taiwan	11.8%
India	10.1%
Hong Kong	3.5%
Other Pacific Basin	1.7%
<b>South America</b>	<b>8.9%</b>
Brazil	7.6%
Other South America	1.3%
<b>Europe</b>	<b>5.2%</b>
Russia	5.2%
<b>Africa</b>	<b>5.0%</b>
South Africa	5.0%
<b>North America</b>	<b>1.5%</b>
<b>Bahamas/Caribbean</b>	<b>0.9%</b>
<b>Liabilities (Net of Cash and Other Assets), and Cash Equivalents+</b>	<b>2.5%</b>

**Top 10 Equity Holdings**

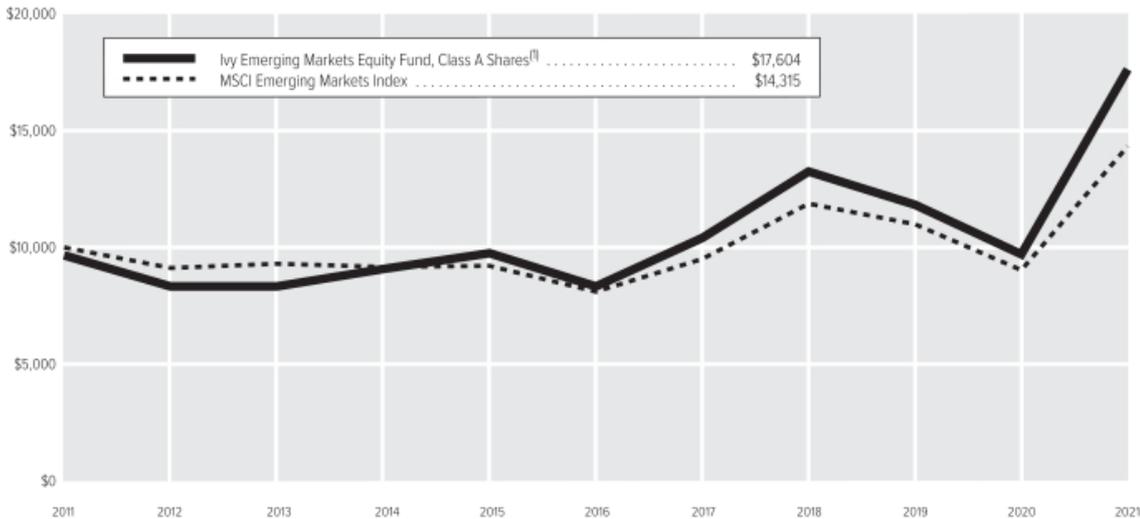
<b>Company</b>	<b>Country</b>	<b>Sector</b>	<b>Industry</b>
Taiwan Semiconductor Manufacturing Co. Ltd.	Taiwan	Information Technology	Semiconductors
Samsung Electronics Co. Ltd.	South Korea	Information Technology	Technology Hardware, Storage & Peripherals
Tencent Holdings Ltd.	China	Communication Services	Interactive Media & Services
Alibaba Group Holding Ltd. ADR	China	Consumer Discretionary	Internet & Direct Marketing Retail
<a href="#">JD.com</a> , Inc. ADR	China	Consumer Discretionary	Internet & Direct Marketing Retail
Li Ning Co. Ltd.	China	Consumer Discretionary	Apparel, Accessories & Luxury Goods
Reliance Industries Ltd.	India	Energy	Oil & Gas Refining & Marketing
MercadoLibre, Inc.	Brazil	Consumer Discretionary	Internet & Direct Marketing Retail
ICICI Bank Ltd.	India	Financials	Diversified Banks
Midea Group Co. Ltd., Class A	China	Consumer Discretionary	Household Appliances

See your advisor or [www.ivyinvestments.com](http://www.ivyinvestments.com) for more information on the Fund's most recently published Top 10 Equity Holdings.

+Cash equivalents are defined as highly liquid securities with maturities of less than three months. Cash equivalents may include U.S. Government Treasury bills, bank certificates of deposit, bankers' acceptances, corporate commercial paper and other money market instruments.

[Table of Contents](#)**COMPARISON OF CHANGE IN VALUE OF \$10,000 INVESTMENT****IVY EMERGING MARKETS EQUITY FUND**

(UNAUDITED)



Please note that the performance of the Fund's other share classes will be greater or less than the performance shown above for Class A based on the differences in loads and fees paid by shareholders investing in the different classes.

(1) The value of the investment in the Fund is impacted by the sales load at the time of the investment and by the ongoing expenses of the Fund and assumes reinvestment of dividends and distributions.

Average Annual Total Return <sup>(2)</sup>	Class A <sup>(3)</sup>	Class B <sup>(4)</sup>	Class C	Class I	Class N	Class R	Class Y
1-year period ended 3-31-21	74.83%	75.42%	80.00%	82.02%	82.01%	80.73%	81.40%
5-year period ended 3-31-21	15.30%	14.88%	15.30%	16.62%	16.68%	15.82%	16.22%
10-year period ended 3-31-21	5.82%	5.30%	5.54%	6.65%	—	—	6.32%
Since Inception of Class through 3-31-21 <sup>(5)</sup>	—	—	—	—	9.96%	8.99%	—

(2) Data quoted is past performance and is based on deduction of the maximum applicable sales load for each of the periods. Current performance may be lower or higher. Past performance is no guarantee of future results. Investment return and principal value of an investment will fluctuate and shares, when redeemed, may be worth more or less than their original cost. Please visit [www.ivyinvestments.com](http://www.ivyinvestments.com) for the Fund's most recent month end performance. Class A Shares carry a maximum front-end sales load of 3.50%<sup>(a)</sup>. Class B and Class C shares carry a maximum contingent deferred sales charge (CDSC) of 5% and 1%, respectively (the Class C shares reflect no CDSC since it only applies to Class C shares redeemed within twelve months after purchase). Class I, Class N, Class R and Class Y shares are not subject to sales charges.

(3) Class A shares carry a CDSC on shares purchased at net asset value for \$1 million or more that are subsequently redeemed within 12 months of purchase. Effective October 1, 2020, Class A shares carry a CDSC on shares purchased at net asset value for \$500,000 or more that are subsequently redeemed within 12 months of purchase.

(4) Class B shares are not currently available for direct investment. However, they are available for dividend reinvestment and exchange of the same class shares of another Ivy Fund.

(5) 7-31-14 for Class N shares and 12-19-12 for Class R shares (the date on which shares were first acquired by shareholders).

Past performance is not necessarily indicative of future performance. Indexes are unmanaged. The performance graph and table do not reflect the deduction of taxes that a shareholder would pay on Fund distributions or on the redemption of Fund shares. Performance results may include the effect of expense reduction arrangements for some or all of the periods shown. If those arrangements had not been in place, the performance results for those periods would have been lower.

(a) Effective October 1, 2020, the maximum applicable sales charge for Class A shares has been lowered to 3.50% from 5.75%.

[Table of Contents](#)**CONSOLIDATED SCHEDULE OF INVESTMENTS****IVY EMERGING MARKETS EQUITY FUND** (in thousands)

MARCH 31, 2021

COMMON STOCKS	Shares	Value	COMMON STOCKS (Continued)	Shares	Value	COMMON STOCKS (Continued)	Shares	Value
Brazil			Materials – 1.1%			Real Estate – 0.2%		
Consumer Discretionary – 3.7%			Anhui Conch Cement Co. Ltd., H Shares	3,944	\$ 25,645	Etalon Group Ltd. GDR	3,167	\$ 5,115
Lojas Renner S.A.	3,137	\$ 23,688	Real Estate – 1.0%			<b>Total Russia – 5.2%</b>		<b>\$124,521</b>
MercadoLibre, Inc. (A)	44	64,324	KE Holdings, Inc. ADR (A)	6	340	South Africa		
		88,012	Logan Group Co. Ltd.	13,482	22,718	Communication Services – 1.9%		
					23,058	Naspers Ltd., Class N	184	43,982
Consumer Staples – 1.4%			<b>Total China – 34.0%</b>		<b>\$809,156</b>	Financials – 1.7%		
Ambev S.A.	12,206	33,223	Hong Kong			Capitec Bank Holdings Ltd.	424	40,777
Energy – 0.9%			Consumer Discretionary – 2.4%			Materials – 1.4%		
Petroleo Brasileiro S.A.	5,118	21,997	Galaxy Entertainment Group	6,378	57,431	AngloGold Ashanti Ltd. (C)	1,560	34,017
Materials – 1.6%			Financials – 1.1%			<b>Total South Africa – 5.0%</b>		<b>\$118,776</b>
Vale S.A.	2,210	38,293	Hong Kong Exchanges and Clearing Ltd.	444	26,110	South Korea		
<b>Total Brazil – 7.6%</b>		<b>\$181,525</b>	<b>Total Hong Kong – 3.5%</b>		<b>\$ 83,541</b>	Consumer Discretionary – 3.4%		
Cayman Islands			India			Hanon Systems	1,515	23,632
Financials – 0.9%			Communication Services – 1.5%			Hyundai Motor Co.	301	57,974
Patria Investments Ltd., Class A (A)	1,218	21,224	Bharti Airtel Ltd.	5,255	37,180			81,606
<b>Total Cayman Islands – 0.9%</b>		<b>\$ 21,224</b>	Consumer Staples – 0.9%			Consumer Staples – 1.5%		
China			United Spirits Ltd. (A)	2,801	21,313	LG Household & Health Care Ltd.	26	36,337
Communication Services – 7.0%			Energy – 2.7%			Health Care – 0.6%		
Tencent Holdings Ltd.	2,127	166,929	Reliance Industries Ltd.	2,390	65,491	EOFlow Co. Ltd. (A)	238	13,591
Consumer Discretionary – 13.9%			Financials – 3.9%			Information Technology – 7.3%		
Alibaba Group Holding Ltd. ADR (A)	502	113,737	HDFC Bank Ltd. (A)	1,643	33,561	Samsung Electronics Co. Ltd.	2,428	174,601
Gree Electric Appliances, Inc. of Zhuhai, A Shares	2,632	25,138	ICICI Bank Ltd.	7,550	60,113	Materials – 2.1%		
JD.com, Inc. ADR (A)	788	66,494			93,674	LG Chem Ltd.	70	49,934
Li Ning Co. Ltd.	10,178	66,112	Industrials – 1.1%			<b>Total South Korea – 14.9%</b>		<b>\$356,069</b>
Midea Group Co. Ltd., Class A	4,723	59,164	Larsen & Toubro Ltd.	1,351	26,222	Taiwan		
		330,645	<b>Total India – 10.1%</b>		<b>\$243,880</b>	Information Technology – 11.8%		
Consumer Staples – 2.8%			Panama			Delta Electronics, Inc.	3,685	37,193
China Mengniu Dairy Co. Ltd.	6,459	36,972	Industrials – 1.3%			MediaTek, Inc.	1,371	46,556
Shanghai Jahwa United Co. Ltd., Class A (A)	3,946	28,862	Copa Holdings S.A., Class A	389	31,463	Taiwan Semiconductor Manufacturing Co. Ltd.	9,546	196,395
		65,834	<b>Total Panama – 1.3%</b>		<b>\$ 31,463</b>			280,144
Financials – 3.2%			Russia			<b>Total Taiwan – 11.8%</b>		<b>\$280,144</b>
China Merchants Bank Co. Ltd., H Shares	4,701	35,889	Communication Services – 2.1%			United States		
Ping An Insurance (Group) Co. of China Ltd., H Shares	3,388	40,334	Yandex N.V., Class A (A)	797	51,043	Materials – 1.5%		
		76,223	Consumer Discretionary – 0.6%			Freeport-McMoRan Copper & Gold, Inc., Class B	740	24,384
Health Care – 3.4%			Fix Price Group Ltd. GDR (A)(B)	1,489	14,535	Southern Copper Corp.	173	11,771
BeiGene Ltd. ADR (A)	140	48,766	Energy – 1.0%					36,155
Yunnan Baiyao Group Co. Ltd., A Shares	1,810	33,227	PJSC LUKOIL	277	22,384	<b>Total United States – 1.5%</b>		<b>\$ 36,155</b>
		81,993	Financials – 1.3%					
Industrials – 1.6%			Sberbank of Russia PJSC ADR	2,041	31,444			
Hefei Meiya Optoelectronic Technology, Inc., A Shares	6,028	38,829						

[Table of Contents](#)**CONSOLIDATED SCHEDULE OF INVESTMENTS****IVY EMERGING MARKETS EQUITY FUND** *(in thousands)*

MARCH 31, 2021

<b>COMMON STOCKS</b> (Continued)	<b>Shares</b>	<b>Value</b>	<b>SHORT-TERM SECURITIES</b> (Continued)	<b>Shares</b>	<b>Value</b>
Vietnam			Dreyfus Institutional Preferred Government Money Market Fund – Institutional Shares 0.010% (E)	11,223	\$ 11,223
Real Estate – 1.7% Vinhomes JSC (A)	9,423	\$ 39,732			64,427
<b>Total Vietnam – 1.7%</b>		\$ 39,732	<b>TOTAL SHORT-TERM SECURITIES – 2.7%</b>		\$ 64,427
<b>TOTAL COMMON STOCKS – 97.5%</b>		\$2,326,186	(Cost: \$64,427)		
(Cost: \$1,408,743)			<b>TOTAL INVESTMENT SECURITIES – 100.2%</b>		\$2,390,613
<b>SHORT-TERM SECURITIES</b>			(Cost: \$1,473,170)		
Money Market Funds (D) – 2.7%			<b>LIABILITIES, NET OF CASH AND OTHER</b>		
State Street Institutional U.S. Government Money Market Fund – Premier Class 0.040%	53,204	53,204	<b>ASSETS – (0.2)%</b>		(4,117)
			<b>NET ASSETS – 100.0%</b>		\$2,386,496

**Notes to Consolidated Schedule of Investments**

- (A) No dividends were paid during the preceding 12 months.
- (B) Securities were purchased pursuant to an exemption from registration available under Rule 144A under the Securities Act of 1933 and may only be resold in transactions exempt from registration, normally to qualified institutional buyers. At March 31, 2021 the total value of these securities amounted to \$14,535 or 0.6% of net assets.
- (C) All or a portion of securities with an aggregate value of \$10,673 are on loan.
- (D) Rate shown is the annualized 7-day yield at March 31, 2021.
- (E) Investment made with cash collateral received from securities on loan.

The following table is a summary of the valuation of the Fund's investments by the fair value hierarchy levels as of March 31, 2021. See Note 3 to the Financial Statements for further information regarding fair value measurement.

	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>
<b>Assets</b>			
Investments in Securities			
Common Stocks			
Communication Services	\$ 299,134	\$ —	\$ —
Consumer Discretionary	557,694	14,535	—
Consumer Staples	156,707	—	—
Energy	109,872	—	—
Financials	289,452	—	—
Health Care	95,584	—	—
Industrials	96,514	—	—
Information Technology	454,745	—	—
Materials	184,044	—	—
Real Estate	67,905	—	—
Total Common Stocks	\$ 2,311,651	\$ 14,535	\$ —
Short-Term Securities	64,427	—	—
Total	\$ 2,376,078	\$ 14,535	\$ —

The following acronyms are used throughout this schedule:

- ADR = American Depositary Receipts  
GDR = Global Depositary Receipts

[Table of Contents](#)**CONSOLIDATED SCHEDULE OF INVESTMENTS**IVY EMERGING MARKETS EQUITY FUND *(in thousands)*

MARCH 31, 2021

**Market Sector Diversification****(as a % of net assets)**

Consumer Discretionary	24.0%
Information Technology	19.1%
Communication Services	12.5%
Financials	12.1%
Materials	7.7%
Consumer Staples	6.6%
Energy	4.6%
Health Care	4.0%
Industrials	4.0%
Real Estate	2.9%
Other+	2.5%

+Includes liabilities (net of cash and other assets), and cash equivalents

See Accompanying Notes to Financial Statements.

22 ANNUAL REPORT 2021

[Table of Contents](#)**MANAGEMENT DISCUSSION****IVY GLOBAL BOND FUND**

(UNAUDITED)



Mark G. Beischel

*Below, Mark G. Beischel, CFA, portfolio manager of Ivy Global Bond Fund, discusses positioning, performance and results for the fiscal year ended March 31, 2021. Mr. Beischel has managed the Fund since 2008 and has 28 years of industry experience.*

**Fiscal Year Performance**

For the 12 months ended March 31, 2021

<b>Ivy Global Bond Fund (Class A shares at net asset value)</b>	13.77%
<b>Ivy Global Bond Fund (Class A shares with sales charge)</b>	10.89%
Benchmark and Morningstar Category	
<b>Bloomberg Barclays U.S. Universal Index</b>	2.95%
(Generally reflects performance of U.S. dollar-denominated taxable bonds that are rated either investment-grade or high yield; includes U.S. Treasury bonds, investment-grade and high yield U.S. corporate bonds, mortgage-backed securities, and Eurodollar bonds)	
<b>Bloomberg Barclays Global Credit 1-10 Year Hedged Index</b>	9.94%
(generally reflects the performance of the global investment grade local currency corporate and government-related bond markets with a maturity greater than 1 year and less than 10 years)	
<b>Morningstar World Bond Category Average</b>	10.07%
(generally reflects the performance of the universe of funds with similar investment objectives)	

*Please note that Fund returns include applicable investment fees and expenses, whereas the index returns do not include any such fees. The performance discussion below is at net asset value.*

**Volatile year with a full credit cycle in one quarter**

The market witnessed a full credit cycle in the second quarter of calendar year 2020. Credit spreads on the U.S. Universal Credit 1-10 Year Index rallied back to pre-COVID-19 levels after widening 365 basis points (bps) in March 2020. We have never seen a health crisis morph into an economic crisis by virtue of a government mandated full-stop shutdown. The National Bureau of Economic Research declared the beginning of a recession in the first quarter of calendar year 2020. A clean V-shaped U.S. economic recovery was unlikely, and credit spreads continued to be at the mercy of virus-related news, both negative and positive. The Federal Reserve's (Fed) rapid short-term interest rate cuts and a massive fiscal stimulus by the Federal government stabilized the economy and were followed by slight signs of a recovery. The Fed and Congress tried to fill the output gap with direct funds to households and loans to businesses.

The U.S. Treasury curve steepened slightly at the end of August after Fed Chairman Jerome Powell used his speech at the Jackson Hole Symposium to signal sustained looser monetary conditions. Specifically, he indicated the Fed would change its interpretation of its price-stability mandate to target "inflation that averages 2% over time," thus allowing for "inflation moderately above 2%" after periods of low inflation.

Forecasters for major non-governmental finance organizations continued to upgrade their forecasts in the second half of 2020 and the first quarter of calendar year 2021. In September 2020, the Organization for Economic Cooperation and Development (OECD) upgraded its forecast for global economic contraction to a decline of 4.5%, up from -6.0% earlier. In the International Monetary Fund's (IMF) recently published April 2021 World Economic Outlook (WEO) its researchers again upgraded global gross domestic product (GDP) growth estimates and expectations. Unfortunately, low-income developing countries stand out with GDP growth expectations revised downward compared to last October's WEO. Meanwhile, among major economies, the U.S. stands out with expectations to surpass pre-COVID-19 GDP levels in 2021, while China returned to pre-COVID-19 GDP in 2020. The global credit market ended the first quarter of calendar year 2021 tighter than the end of calendar year 2020 and pre-pandemic levels, as rallying credit markets to start and end the quarter were enough to offset weakness in late February and early March.

Consumer consumption and activity data broadly improved into the end of the quarter as the late calendar year 2020 COVID-19 surge receded and consumers began to spend the latest round of stimulus checks. The U.S.'s COVID-19 vaccination rate continues to be ahead of most of the world, further bolstering sentiment.

**Portfolio Strategy**

The Fund changed its benchmark during the fiscal year, from the Bloomberg Barclays Global Credit 1-10 Year Hedged Index to its new index, the Bloomberg Barclays U.S. Universal Index. The Fund outperformed both its old and new benchmarks during the period, as well as its Morningstar peer group average. Most of the outperformance was attributable to the Fund's exposure to credit and its relative shorter effective duration. The dramatic response in both fiscal and monetary policies and

[Table of Contents](#)

the bending of the COVID-19 infection rate curve led to a massive rally in credit and a steepening of the yield curve as investors speculated a V-shaped recovery.

With concern of a global recession abating and aggressive fiscal stimulus, the U.S. dollar weakened over the year against developed market currencies. The Fund's 100% exposure to the U.S. dollar diminished its relative return versus its Morningstar category.

We continue to seek opportunities to reduce volatility in the Fund. Additionally, we are maintaining a relatively low-duration strategy, as we feel it allows us a higher degree of certainty involving those companies in which we can invest. With the compression of credit spreads back to a more normalized level, we are tending to move back to a defensive position by moving up in higher quality credit/companies at the expense of high yield credits in emerging market countries.

## Outlook

We believe the reopening of the global economy coinciding with the massive fiscal and monetary stimulus should prove to support economic growth. With growth and inflation expectations increasing, there has been a rise in global yields. Although the current environment seems favorable, we question whether this is durable or transitory. We believe that inflation should increase with the new Fed price-stability mandate but secular trends such as technology and demographics should help keep a lid on inflation expectations in the long run.

The Biden administration's aggressive stimulus program has been followed with the proposal of an equally impressive infrastructure bill. Investors will have to incorporate these into their projections in a year where we have seen significant issues with supply chains as well as uncertainty over the reopening and regulatory, fiscal and monetary policy, which is likely to persist for the remainder of calendar year 2021. Market participants will have to navigate how the economy and financial markets will respond to the decline in fiscal and monetary stimulus over the long term as well as how the system adjusts to the dramatically higher levels of government debt globally.

Going forward, we believe that poor fundamentals and valuations for global credit, continued uncertainty in economies and markets, and the potential for an increase in shareholder-friendly activity will result in frequent periods of volatility and prevent spreads from rallying materially in the coming year. Our conservative positioning is designed to allow us to opportunistically take incremental risk to capitalize on that volatility as it presents itself. In environments like these the cost of being defensive is very low.

Emerging market (EM)-developed market (DM) growth differential (ex-China) is set to turn negative in calendar year 2021 on U.S. exceptionalism amid a worsening of the pandemic and slower vaccine rollout in EM. EM inflation forecasts have moved upward, largely reflecting supply-side factors. Yet, the combination of low-for-long DM guidance and persistent slack should allow most EM central banks to maintain modest policy adjustments. Industry remains a source of strength for EM growth. The concern now is that the resurgence in COVID-19 cases threatens to dampen near-term prospects, particularly with respect to recovery in service sectors.

We believe credit selection will continue to be paramount as the pandemic hopefully recedes and economies reopen. We continue to expect many mispriced credit situations as various industries, geographies and companies will differ dramatically in how they are affected by and respond to the reopening, as well as the evolving monetary and fiscal policy going forward.

**Performance shown at net asset value does not include the effect of sales charges. If reflected, the performance shown would have been lower. Performance including sales charges reflects the maximum applicable front-end sales load and thus the lowest possible performance after sales charges; your sales charges could be lower.**

**Past performance is not a guarantee of future results. As with any mutual fund, the value of the Fund's shares will change, and you could lose money on your investment.**

**Certain U.S. government securities in which the Fund may invest, such as Treasury securities and securities issued by the Government National Mortgage Association (Ginnie Mae), are backed by the full faith and credit of the U.S. government. However, other U.S. government securities in which the Fund may invest, such as securities issued by the Federal National Mortgage Association (Fannie Mae), the Federal Home Loan Mortgage Corporation (Freddie Mac) and the Federal Home Loan Banks (FHLB), are not backed by the full faith and credit of the U.S. government, are not insured or guaranteed by the U.S. government and, instead, may be supported only by the right of the issuer to borrow from the U.S. Treasury or by the credit of the issuer.**

**International investing involves additional risks including currency fluctuations, political or economic conditions affecting a foreign country, and differences in accounting standards and foreign regulations. Fixed income securities are subject to interest rate risk and, as such, the net asset value of the Fund may fall as interest rates rise. These and other risks are more fully described in the Fund's prospectus.**

[Table of Contents](#)

---

The opinions expressed in this report are those of the portfolio manager and are current only through the end of the period of the report as stated on the cover. The portfolio manager's views are subject to change at any time based on market and other conditions, and no forecasts can be guaranteed.

The index noted is unmanaged and includes reinvested dividends. One cannot invest directly in an index, nor is an index representative of the Ivy Global Bond Fund.

[Table of Contents](#)**PORTFOLIO HIGHLIGHTS****IVY GLOBAL BOND FUND**

ALL DATA IS AS OF MARCH 31, 2021 (UNAUDITED)

**Asset Allocation**

<b>Bonds</b>	<b>95.9%</b>
Corporate Debt Securities	71.0%
United States Government and Government Agency Obligations	13.2%
Other Government Securities	11.7%
<b>Liabilities (Net of Cash and Other Assets), and Cash Equivalents+</b>	<b>4.1%</b>

**Quality Weightings**

<b>Investment Grade</b>	<b>71.5%</b>
AAA	3.4%
AA	14.0%
A	13.2%
BBB	40.9%
<b>Non-Investment Grade</b>	<b>24.4%</b>
BB	17.0%
B	5.6%
CCC	1.8%
<b>Liabilities (Net of Cash and Other Assets), and Cash Equivalents+</b>	<b>4.1%</b>

**Country Weightings**

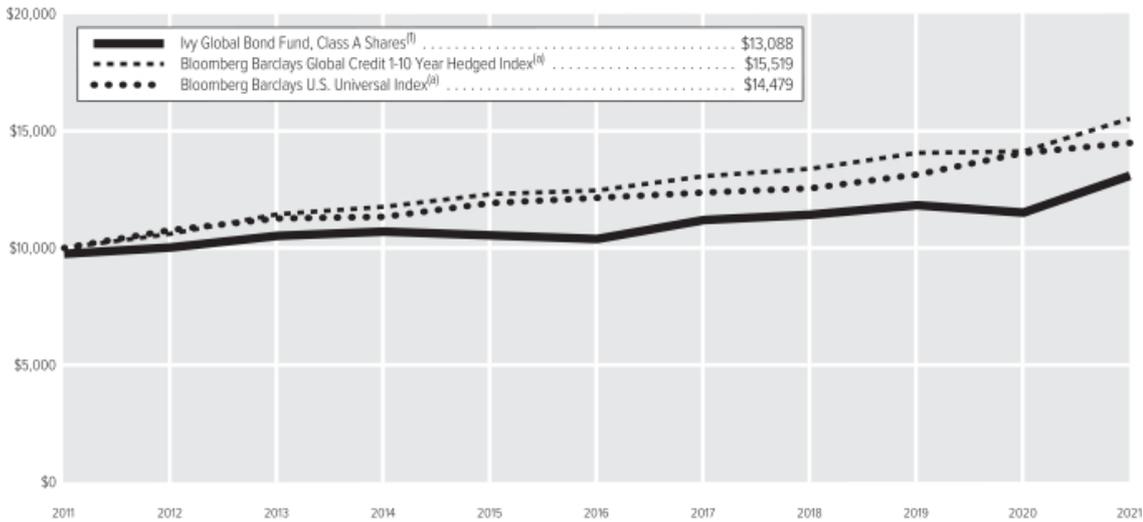
<b>North America</b>	<b>36.7%</b>
United States	28.0%
Mexico	6.7%
Other North America	2.0%
<b>South America</b>	<b>16.5%</b>
Peru	4.1%
Brazil	3.7%
Chile	3.5%
Other South America	5.2%
<b>Pacific Basin</b>	<b>15.3%</b>
<b>Europe</b>	<b>14.5%</b>
United Kingdom	3.7%
Other Europe	10.8%
<b>Bahamas/Caribbean</b>	<b>5.8%</b>
<b>Middle East</b>	<b>4.5%</b>
<b>Africa</b>	<b>2.0%</b>
<b>Other</b>	<b>0.6%</b>
<b>Liabilities (Net of Cash and Other Assets), and Cash Equivalents+</b>	<b>4.1%</b>

Our preference is to always use ratings obtained from Standard & Poor's, Moody's, and Fitch. It is each Portfolio's general policy to classify such security at the lower rating level if only two ratings are available. If more than two ratings are available and a median exists, the median is used. If more than two ratings exist without a median, the lower of the two middle ratings is used. We do not evaluate these ratings, but simply assign them to the appropriate credit quality category as determined by the rating agency.

+Cash equivalents are defined as highly liquid securities with maturities of less than three months. Cash equivalents may include U.S. Government Treasury bills, bank certificates of deposit, bankers' acceptances, corporate commercial paper and other money market instruments.

[Table of Contents](#)**COMPARISON OF CHANGE IN VALUE OF \$10,000 INVESTMENT****IVY GLOBAL BOND FUND**

(UNAUDITED)



Please note that the performance of the Fund's other share classes will be greater or less than the performance shown above for Class A based on the differences in loads and fees paid by shareholders investing in the different classes.

(1) The value of the investment in the Fund is impacted by the sales load at the time of the investment and by the ongoing expenses of the Fund and assumes reinvestment of dividends and distributions.

Average Annual Total Return <sup>(2)</sup>	Class A <sup>(3)</sup>	Class B <sup>(4)</sup>	Class C	Class I	Class N	Class R	Class Y
1-year period ended 3-31-21	10.89%	8.85%	12.81%	13.90%	14.02%	13.13%	13.76%
5-year period ended 3-31-21	4.22%	3.83%	3.98%	5.02%	5.02%	4.24%	4.76%
10-year period ended 3-31-21	2.73%	2.38%	2.38%	3.24%	—	—	2.98%
Since Inception of Class through 3-31-21 <sup>(5)</sup>	—	—	—	—	3.03%	2.32%	—

(2) Data quoted is past performance and is based on deduction of the maximum applicable sales load for each of the periods. Current performance may be lower or higher. Past performance is no guarantee of future results. Investment return and principal value of an investment will fluctuate and shares, when redeemed, may be worth more or less than their original cost. Please visit [www.ivyinvestments.com](http://www.ivyinvestments.com) for the Fund's most recent month end performance. Class A Shares carry a maximum front-end sales load of 2.50%. Class B and Class C shares carry a maximum contingent deferred sales charge (CDSC) of 5% and 1%, respectively (the Class C shares reflect no CDSC since it only applies to Class C shares redeemed within twelve months after purchase). Class I, Class N, Class R and Class Y shares are not subject to sales charges.

(3) Class A shares carry a CDSC on shares purchased at net asset value for \$500,000 or more that are subsequently redeemed within 12 months of purchase.

(4) Class B shares are not currently available for direct investment. However, they are available for dividend reinvestment and exchange of the same class shares of another Ivy Fund.

(5) 7-31-14 for Class N shares and 12-19-12 for Class R shares (the date on which shares were first acquired by shareholders).

Past performance is not necessarily indicative of future performance. Indexes are unmanaged. The performance graph and table do not reflect the deduction of taxes that a shareholder would pay on Fund distributions or on the redemption of Fund shares. Performance results may include the effect of expense reduction arrangements for some or all of the periods shown. If those arrangements had not been in place, the performance results for those periods would have been lower.

(a) Effective October 1, 2020, the Fund's new benchmark is the Bloomberg Barclays U.S. Universal Index. IICO believes that this index is more reflective of the types of securities that the Fund invests in. Both the new benchmark and the Fund's previous benchmark noted above are included for comparison purposes.

[Table of Contents](#)**SCHEDULE OF INVESTMENTS****IVY GLOBAL BOND FUND** (in thousands)

MARCH 31, 2021

CORPORATE DEBT SECURITIES			CORPORATE DEBT SECURITIES			CORPORATE DEBT SECURITIES		
	Principal	Value	(Continued)	Principal	Value	(Continued)	Principal	Value
<b>Argentina</b>			<b>Materials – 2.6%</b>			<b>Financials – 0.8%</b>		
Energy – 0.7%			CSN Resources S.A.			Alpha Star Holding III Ltd.		
Pampa Energia S.A.			7.625%, 2–13–23 (A)	\$ 1,800	\$ 1,867	6.250%, 4–20–22 (C)	\$ 1,000	\$ 993
7.500%, 1–24–27 (A)	\$ 2,850	\$ 2,320	Nexa Resources S.A.			Grupo Aval Ltd.		
Pan American Energy LLC			6.500%, 1–18–28 (A)	2,200	2,525	4.375%, 2–4–30 (A)	1,300	1,312
7.875%, 5–7–21 (A)	1,000	984	Suzano Austria GmbH			Itau Unibanco Holdings S.A.		
		<u>3,304</u>	6.000%, 1–15–29	2,000	2,353	3.250%, 1–24–25 (A)	1,230	<u>1,252</u>
Industrials – 0.2%			Unigel Luxembourg S.A.					<u>3,557</u>
Aeropuertos Argentina 2000 S.A.			8.750%, 10–1–26 (A)	1,350	1,457	Industrials – 0.2%		
(9.375% Cash or 9.375% PIK)			Vale Overseas Ltd.			DP World Crescent Ltd.		
9.375%, 2–1–27 (A)(B)	1,014	814	6.250%, 8–10–26	3,850	<u>4,580</u>	3.875%, 7–18–29 (C)	1,150	<u>1,206</u>
					<u>12,782</u>			
<b>Total Argentina – 0.9%</b>		<b>\$ 4,118</b>	Utilities – 0.5%			<b>Total Cayman Islands – 1.2%</b>		<b>\$ 5,800</b>
<b>Australia</b>			Aegea Finance S.a.r.l.			<b>Chile</b>		
Financials – 0.7%			5.750%, 10–10–24 (A)	2,300	<u>2,384</u>	Communication Services – 0.1%		
Australia and New Zealand Banking						VTR Finance B.V.		
Group Ltd.			<b>Total Brazil – 3.7%</b>		<b>\$18,024</b>	6.375%, 7–15–28 (A)	651	<u>703</u>
4.400%, 5–19–26 (A)	3,000	<u>3,362</u>	<b>British Virgin Islands</b>			Consumer Discretionary – 0.7%		
Industrials – 0.8%			Consumer Staples – 0.4%			Saci Falabella:		
Transurban Finance Co. Pty Ltd.			Central American Bottling Corp.			3.750%, 4–30–23	1,850	1,940
2.450%, 3–16–31	2,400	2,346	5.750%, 1–31–27 (A)	2,000	<u>2,113</u>	4.375%, 1–27–25 (A)(C)	1,000	1,098
Transurban Finance Co. Pty Ltd.			Information Technology – 0.9%			3.750%, 10–30–27 (A)	500	<u>539</u>
2.450%, 3–16–31 (A)	1,522	<u>1,478</u>	Taiwan Semiconductor Manufacturing					<u>3,577</u>
		<u>3,824</u>	Co. Ltd.			Energy – 0.5%		
Utilities – 1.0%			1.000%, 9–28–27 (A)	4,800	<u>4,613</u>	GeoPark Ltd.		
Ausgrid Finance Pty Ltd.			<b>Total British Virgin Islands – 1.3%</b>		<b>\$ 6,726</b>	6.500%, 9–21–24 (A)	2,400	<u>2,481</u>
3.850%, 5–1–23 (A)	4,400	<u>4,619</u>	<b>Canada</b>			Financials – 0.3%		
<b>Total Australia – 2.5%</b>		<b>\$11,805</b>	Consumer Staples – 0.3%			Banco del Estado de Chile		
<b>Austria</b>			Alimentation Couche-Tard, Inc.			2.704%, 1–9–25 (A)	1,500	<u>1,564</u>
Consumer Staples – 0.8%			2.700%, 7–26–22 (A)	1,300	<u>1,334</u>	Industrials – 0.3%		
JBS Investments II GmbH (GTD by JBS			Energy – 0.5%			Empresa de Transporte de Pasajeros		
S.A.):			TransCanada PipeLines Ltd.			Metro S.A.		
7.000%, 1–15–26 (A)	1,500	1,597	4.250%, 5–15–28	2,000	<u>2,248</u>	3.650%, 5–7–30 (A)	1,200	<u>1,302</u>
5.750%, 1–15–28 (A)	2,300	<u>2,426</u>	Financials – 0.9%			Materials – 1.1%		
		<u>4,023</u>	Brookfield Finance, Inc. (GTD by			Celulosa Arauco y Constitucion S.A.		
<b>Total Austria – 0.8%</b>		<b>\$ 4,023</b>	Brookfield Asset Management, Inc.)			4.500%, 8–1–24	4,800	<u>5,202</u>
<b>Bermuda</b>			4.350%, 4–15–30	1,900	2,145	Utilities – 0.5%		
Consumer Staples – 0.6%			Royal Bank of Canada:			Enel Chile S.A.		
Bacardi Ltd.			3.700%, 10–5–23	750	809	4.875%, 6–12–28	2,080	<u>2,409</u>
4.450%, 5–15–25 (A)	2,800	<u>3,113</u>	4.650%, 1–27–26	1,500	<u>1,711</u>	<b>Total Chile – 3.5%</b>		<b>\$17,238</b>
					<u>4,665</u>	<b>China</b>		
Energy – 0.3%			Materials – 0.3%			Communication Services – 0.8%		
GeoPark Ltd.			First Quantum Minerals Ltd.			Tencent Holdings Ltd.		
5.500%, 1–17–27 (A)	1,500	<u>1,523</u>	6.500%, 3–1–24 (A)	1,350	<u>1,370</u>	2.985%, 1–19–23 (A)	1,800	1,868
<b>Total Bermuda – 0.9%</b>		<b>\$ 4,636</b>	<b>Total Canada – 2.0%</b>		<b>\$ 9,617</b>	Weibo Corp.		
<b>Brazil</b>			<b>Cayman Islands</b>			3.500%, 7–5–24	1,900	<u>2,002</u>
Industrials – 0.6%			Consumer Discretionary – 0.2%					<u>3,870</u>
Cosan Ltd.			Meituan					
5.500%, 9–20–29 (A)	2,700	<u>2,858</u>	3.050%, 10–28–30 (A)	1,067	<u>1,037</u>			

[Table of Contents](#)**SCHEDULE OF INVESTMENTS****IVY GLOBAL BOND FUND** (in thousands)

MARCH 31, 2021

CORPORATE DEBT SECURITIES (Continued)			CORPORATE DEBT SECURITIES (Continued)			CORPORATE DEBT SECURITIES (Continued)		
	Principal	Value		Principal	Value		Principal	Value
<b>China</b>			<b>India</b>			<b>Luxembourg</b>		
Consumer Discretionary – 1.0%			Communication Services – 0.2%			Consumer Staples – 0.2%		
Alibaba Group Holding Ltd.:			Network i2i Ltd.			Minerva Luxembourg S.A.		
2.800%, 6–6–23	\$ 1,600	\$ 1,669	5.650%, 4–15–68 (A)	\$ 750	\$ 793	5.875%, 1–19–28 (A)	\$ 900	\$ 954
3.400%, 12–6–27	3,000	<u>3,218</u>						
		<u>4,887</u>	<b>Information Technology – 0.5%</b>			<b>Energy – 0.5%</b>		
<b>Energy – 0.5%</b>			HCL America, Inc.	2,250	<u>2,209</u>	Raizen Fuels Finance Ltd.	2,000	<u>2,221</u>
Sinopec Group Overseas Development (2018) Ltd.			1.375%, 3–10–26			5.300%, 1–20–27 (A)		
4.125%, 9–12–25 (A)	2,000	<u>2,207</u>	<b>Utilities – 1.0%</b>			<b>Financials – 1.2%</b>		
<b>Information Technology – 0.3%</b>			Adani Electricity Mumbai Ltd.	1,180	1,189	JSM Global S.a.r.l.	3,000	3,008
Baidu, Inc.	500	524	3.949%, 2–12–30 (A)			4.750%, 10–20–30 (A)		
3.425%, 4–7–30			<b>Adani Green Energy (UP) Ltd., Parampujya Solar Energy Private Ltd. and Prayatna Developers Private Ltd.</b>			<b>Mexico Remittances Funding Fiduciary Estate</b>		
Lenovo Group Ltd.	800	<u>803</u>	6.250%, 12–10–24 (A)	1,900	2,093	4.875%, 1–15–28 (A)	3,000	<u>2,940</u>
3.421%, 11–2–30 (A)		<u>1,327</u>	<b>Greenko Mauritius Ltd.</b>					<u>5,948</u>
<b>Utilities – 0.4%</b>			6.250%, 2–21–23 (A)	1,350	<u>1,390</u>	<b>Utilities – 0.4%</b>		
ENN Energy Holdings Ltd.	2,000	<u>1,921</u>				FEL Energy VI S.a.r.l.	2,000	<u>2,050</u>
2.625%, 9–17–30 (A)			<b>Total India – 1.7%</b>			<b>Total Luxembourg – 2.3%</b>		
					<b>\$7,674</b>			<b>\$11,173</b>
<b>Total China – 3.0%</b>			<b>Indonesia</b>			<b>Macau</b>		
		<b>\$14,212</b>	<b>Utilities – 1.4%</b>			<b>Consumer Discretionary – 0.4%</b>		
<b>Columbia</b>			Perusahaan Listrik Negara:			Sands China Ltd.:		
Financials – 0.5%			5.450%, 5–21–28 (A)	1,100	1,272	5.125%, 8–8–25	1,400	1,566
Banco de Bogota S.A.	2,000	2,132	5.375%, 1–25–29 (A)	4,800	<u>5,526</u>	3.800%, 1–8–26	250	<u>266</u>
5.375%, 2–19–23 (A)			<b>Total Indonesia – 1.4%</b>					<u>1,832</u>
Bancolumbia S.A.	660	<u>674</u>			<b>\$6,798</b>	<b>Total Macau – 0.4%</b>		
3.000%, 1–29–25		<u>2,806</u>	<b>Ireland</b>			<b>Malaysia</b>		
<b>Utilities – 0.6%</b>			Consumer Staples – 0.3%			Energy – 0.1%		
Empresas Publicas de Medellin E.S.P.	2,800	<u>2,835</u>	Eurotorg LLC (Via Bonitron Designated Activity Co.)	1,400	<u>1,507</u>	Petronas Capital Ltd.	650	<u>695</u>
4.250%, 7–18–29 (A)			9.000%, 10–22–25 (A)			3.500%, 4–21–30 (A)		
<b>Total Columbia – 1.1%</b>			<b>Total Ireland – 0.3%</b>			<b>Total Malaysia – 0.1%</b>		
		<b>\$ 5,641</b>			<b>\$1,507</b>			<b>\$ 695</b>
<b>Denmark</b>			<b>Isle of Man</b>			<b>Mauritius</b>		
Financials – 0.2%			Consumer Discretionary – 0.8%			Industrials – 0.6%		
Danske Bank A.S.	1,150	<u>1,187</u>	GOHL Capital Ltd.	4,000	<u>4,239</u>	HTA Group Ltd.	2,800	<u>2,975</u>
5.000%, 1–12–23 (A)			4.250%, 1–24–27 (C)			7.000%, 12–18–25 (A)		
<b>Total Denmark – 0.2%</b>			<b>Total Isle of Man – 0.8%</b>			<b>Total Mauritius – 0.6%</b>		
		<b>\$ 1,187</b>			<b>\$4,239</b>			<b>\$ 2,975</b>
<b>France</b>			<b>Japan</b>			<b>Mexico</b>		
Consumer Staples – 0.2%			Financials – 1.2%			Communication Services – 0.3%		
Pernod Ricard S.A.	750	<u>784</u>	Mitsubishi UFJ Financial Group, Inc.	1,500	1,635	Axtel S.A.B. de C.V.	1,349	<u>1,403</u>
4.250%, 7–15–22 (A)			3.287%, 7–25–27			6.375%, 11–14–24 (A)		
<b>Total France – 0.2%</b>			Mizuho Financial Group, Inc.	1,500	1,616	<b>Consumer Staples – 0.5%</b>		
		<b>\$ 784</b>	3.170%, 9–11–27			Grupo Bimbo S.A.B. de C.V.	2,300	<u>2,481</u>
<b>Hong Kong</b>			Sumitomo Mitsui Financial Group, Inc.	2,650	<u>2,836</u>	<b>Energy – 0.4%</b>		
Financials – 0.4%			3.748%, 7–19–23			Petroleos Mexicanos	1,970	<u>2,059</u>
AIA Group Ltd.	300	319	<b>Total Japan – 1.2%</b>			<b>Petroleos Mexicanos</b>		
3.375%, 4–7–30 (A)					<b>\$6,087</b>	6.490%, 1–23–27		
Bangkok Bank Public Co. Ltd.	1,200	<u>1,310</u>						
4.050%, 3–19–24 (A)		<u>1,629</u>						
<b>Total Hong Kong – 0.4%</b>								
		<b>\$ 1,629</b>						

2021 ANNUAL REPORT 29

[Table of Contents](#)**SCHEDULE OF INVESTMENTS**IVY GLOBAL BOND FUND *(in thousands)*

MARCH 31, 2021

**CORPORATE DEBT SECURITIES**  
(Continued)

	Principal	Value
<b>Financials – 1.9%</b>		
Banco Santander (Mexico) S.A. 5.950%, 10–1–28 (A)	\$ 850	\$ 916
Banco Santander S.A.: 4.125%, 11–9–22 (A)	3,800	3,967
5.375%, 4–17–25 (A)	1,150	1,291
Credito Real S.A.B. de C.V. 9.500%, 2–7–26 (A)(C)	1,200	1,273
Trust F/1401 4.869%, 1–15–30 (A)	1,400	1,517
		<u>8,964</u>
<b>Industrials – 0.6%</b>		
Alfa S.A.B. de C.V. 5.250%, 3–25–24 (A)	1,400	1,531
Grupo Kuo S.A.B. de C.V. 5.750%, 7–7–27 (A)	1,350	1,418
		<u>2,949</u>
<b>Materials – 2.2%</b>		
CEMEX S.A.B. de C.V. 5.200%, 9–17–30 (A)	2,000	2,163
Cydsa S.A.B. de C.V. 6.250%, 10–4–27 (A)	2,000	2,095
Grupo Cementos de Chihuahua S.A.B. de C.V. 5.250%, 6–23–24 (A)	2,000	2,068
Industrias Penoles S.A.B. de C.V. 4.150%, 9–12–29 (A)	1,800	1,956
Orbia Advance Corp. S.A.B. de C.V. 4.000%, 10–4–27 (A)	2,300	2,507
		<u>10,789</u>
<b>Total Mexico – 5.9%</b>		<b>\$28,645</b>
<b>Netherlands</b>		
<b>Consumer Discretionary – 0.5%</b>		
Prosus N.V. 3.680%, 1–21–30 (A)	2,190	2,261
<b>Energy – 0.5%</b>		
Petrobras Global Finance B.V. (GTD by Petroleo Brasileiro S.A.) 5.600%, 1–3–31	2,400	2,529
<b>Health Care – 0.9%</b>		
Teva Pharmaceutical Finance Netherlands II B.V. (GTD by Teva Pharmaceutical Industries Ltd.) 7.125%, 1–31–25	1,300	1,436
Teva Pharmaceutical Finance Netherlands III B.V. (GTD by Teva Pharmaceutical Industries Ltd.): 2.800%, 7–21–23	1,400	1,394
6.750%, 3–1–28 (C)	1,200	1,348
		<u>4,178</u>
<b>Total Netherlands – 1.9%</b>		<b>\$ 8,968</b>

**CORPORATE DEBT SECURITIES**  
(Continued)

	Principal	Value
<b>Nigeria</b>		
<b>Financials – 0.4%</b>		
Africa Finance Corp. 4.375%, 4–17–26 (A)	\$ 1,900	\$ 2,057
<b>Total Nigeria – 0.4%</b>		<b>\$ 2,057</b>
<b>Norway</b>		
<b>Energy – 1.0%</b>		
Aker BP ASA: 4.750%, 6–15–24 (A)	1,950	2,000
3.750%, 1–15–30 (A)	2,600	2,682
		<u>4,682</u>
<b>Total Norway – 1.0%</b>		<b>\$ 4,682</b>
<b>Panama</b>		
<b>Financials – 0.6%</b>		
Banco Latinoamericano de Comercio Exterior S.A. 2.375%, 9–14–25 (A)	2,000	2,040
Banissimo S.A. 4.250%, 7–31–27 (A)	1,000	1,043
		<u>3,083</u>
<b>Utilities – 0.4%</b>		
AES Panama Generation Holdings S.R.L. 4.375%, 5–31–30 (A)	2,000	2,069
<b>Total Panama – 1.0%</b>		<b>\$ 5,152</b>
<b>Peru</b>		
<b>Consumer Discretionary – 0.7%</b>		
InRetail Shopping Malls 5.750%, 4–3–28 (A)	3,000	3,180
<b>Financials – 1.2%</b>		
Banco de Credito del Peru 4.250%, 4–1–23 (A)	1,350	1,434
Banco Internacional del Peru S.A. 3.250%, 10–4–26 (A)	3,000	3,101
Corporacion Financiera de Desarrollo S.A. 2.400%, 9–28–27 (A)	1,300	1,281
		<u>5,816</u>
<b>Utilities – 0.9%</b>		
Fenix Power Peru S.A. 4.317%, 9–20–27	1,508	1,578
Inkia Energy Ltd. 5.875%, 11–9–27 (A)	2,000	2,100
Kallpa Generacion S.A. 4.875%, 5–24–26 (A)	1,000	1,095
		<u>4,773</u>
<b>Total Peru – 2.8%</b>		<b>\$13,769</b>

**CORPORATE DEBT SECURITIES**  
(Continued)

	Principal	Value
<b>Russia</b>		
<b>Materials – 0.4%</b>		
Petropavlovsk 2016 Ltd. (GTD by Petropavlovsk plc, JSC Pokrovskiy Rudnik, LLC Albynskiy Rudnik and LLC Malomirskiy Rudnik) 8.125%, 11–14–22 (A)	\$ 1,750	\$1,812
<b>Total Russia – 0.4%</b>		<b>\$1,812</b>
<b>Saudi Arabia</b>		
<b>Energy – 0.2%</b>		
Saudi Arabian Oil Co. 1.250%, 11–24–23 (A)	800	805
<b>Total Saudi Arabia – 0.2%</b>		<b>\$ 805</b>
<b>South Korea</b>		
<b>Communication Services – 0.1%</b>		
SK Telecom Co. Ltd. 3.750%, 4–16–23 (A)	500	530
<b>Financials – 1.3%</b>		
Hyundai Capital Services, Inc.: 2.983%, 8–29–22 (A)	2,100	2,163
1.250%, 2–8–26 (A)	1,800	1,756
Korea Development Bank 3.250%, 2–19–24	2,300	2,476
		<u>6,395</u>
<b>Total South Korea – 1.4%</b>		<b>\$6,925</b>
<b>Spain</b>		
<b>Financials – 1.1%</b>		
Banco Santander S.A.: 2.706%, 6–27–24	4,000	4,221
3.490%, 5–28–30	1,000	1,041
		<u>5,262</u>
<b>Utilities – 0.6%</b>		
EnfraGen Energia Sur S.A.U. 5.375%, 12–30–30 (A)	2,900	2,853
<b>Total Spain – 1.7%</b>		<b>\$8,115</b>
<b>Supranational</b>		
<b>Financials – 0.4%</b>		
Central American Bank for Economic Integration 1.140%, 2–9–26 (A)	2,000	1,984
<b>Total Supranational – 0.4%</b>		<b>\$1,984</b>
<b>Switzerland</b>		
<b>Financials – 0.4%</b>		
Credit Suisse Group AG 4.282%, 1–9–28 (A)	1,800	1,979
<b>Total Switzerland – 0.4%</b>		<b>\$1,979</b>

[Table of Contents](#)**SCHEDULE OF INVESTMENTS****IVY GLOBAL BOND FUND** (in thousands)

MARCH 31, 2021

**CORPORATE DEBT SECURITIES**

(Continued)	Principal	Value
Thailand		
Financials – 0.1%		
GC Treasury Center Co. Ltd. 2.980%, 3–11–31 (A)	\$ 750	\$ 741
<b>Total Thailand – 0.1%</b>		<b>\$ 741</b>
Turkey		
Industrials – 1.0%		
Koc Holding A.S. 6.500%, 3–11–25 (A)	4,800	5,011
<b>Total Turkey – 1.0%</b>		<b>\$ 5,011</b>
United Arab Emirates		
Consumer Discretionary – 0.5%		
GEMS MENASA Cayman Ltd. and GEMS Education Delaware LLC 7.125%, 7–31–26 (A)	2,300	2,396
Energy – 0.5%		
Abu Dhabi National Energy Co. 4.375%, 4–23–25 (A)	600	668
Galaxy Pipeline Assets BidCo Ltd. 1.750%, 9–30–27 (A)	2,100	2,099
		2,767
Financials – 0.9%		
ICICI Bank Ltd. 4.000%, 3–11–26 (A)	4,000	4,314
<b>Total United Arab Emirates – 1.9%</b>		<b>\$ 9,477</b>
United Kingdom		
Communication Services – 0.2%		
Liquid Telecommunications Financing plc (GTD by Liquid Telecommunications Holdings Ltd.) 8.500%, 7–13–22 (A)	1,200	1,220
Consumer Staples – 0.5%		
Imperial Tobacco Finance plc 3.750%, 7–21–22 (A)	2,300	2,376
Financials – 2.7%		
ANZ New Zealand International Ltd. 3.450%, 1–21–28 (A)	1,300	1,414
Barclays plc 4.337%, 1–10–28	1,800	1,998
HSBC Holdings plc 4.583%, 6–19–29	1,900	2,135
Royal Bank of Scotland Group plc (The) 6.000%, 12–19–23	2,000	2,258
State Bank of India: 4.375%, 1–24–24 (A)	2,500	2,704
4.875%, 4–17–24 (A)	2,300	2,535
		13,044

**CORPORATE DEBT SECURITIES**

(Continued)	Principal	Value
Materials – 0.3%		
AngloGold Ashanti Holdings plc (GTD by AngloGold Ashanti Ltd.) 3.750%, 10–1–30	\$ 1,450	\$ 1,466
<b>Total United Kingdom – 3.7%</b>		<b>\$18,106</b>
United States		
Communication Services – 2.0%		
T-Mobile USA, Inc. 6.000%, 3–1–23	8,097	8,148
Verizon Communications, Inc. 2.100%, 3–22–28	1,500	1,506
		9,654
Consumer Discretionary – 1.1%		
D.R. Horton, Inc. 2.600%, 10–15–25	2,400	2,524
Volkswagen Group of America, Inc. 4.250%, 11–13–23 (A)	2,500	2,717
		5,241
Consumer Staples – 2.3%		
Anheuser-Busch InBev Worldwide, Inc. (GTD by AB INBEV/BBR/COB) 4.000%, 4–13–28	2,850	3,176
Keurig Dr Pepper, Inc. 4.597%, 5–25–28	2,800	3,235
NBM U.S. Holdings, Inc. 7.000%, 5–14–26 (A)	2,000	2,150
Reynolds American, Inc. 4.450%, 6–12–25	2,000	2,219
		10,780
Financials – 5.5%		
Bank of America Corp. 3.593%, 7–21–28	3,175	3,446
BBVA Bancomer S.A.: 1.875%, 9–18–25 (A)	1,400	1,402
5.875%, 9–13–34 (A)	1,700	1,851
Citadel Finance LLC 3.375%, 3–9–26 (A)	2,500	2,473
Citigroup, Inc. 3.520%, 10–27–28	3,125	3,380
Cooperatieve Rabobank U.A. 3.125%, 4–26–21	1,750	1,753
Goldman Sachs Group, Inc. (The) 3.814%, 4–23–29	2,600	2,849
Industrial and Commercial Bank of China Ltd. 2.957%, 11–8–22	750	775
JPMorgan Chase & Co.: 3.540%, 5–1–28	2,132	2,320
4.000%, 10–1–68	1,250	1,238
TerraForm Global Operating LLC (GTD by TerraForm Global LLC) 6.125%, 3–1–26 (A)	1,300	1,333
Wells Fargo & Co. 4.300%, 7–22–27	3,000	3,391
		26,211

**CORPORATE DEBT SECURITIES**

(Continued)	Principal	Value
Health Care – 1.0%		
Bayer U.S. Finance II LLC 4.250%, 12–15–25 (A)	\$ 2,000	\$ 2,226
Fresenius U.S. Finance II, Inc. 4.500%, 1–15–23 (A)	2,925	3,079
		5,305
Industrials – 1.2%		
Azul Investments LLP 5.875%, 10–26–24 (A)(C)	2,000	1,760
BAE Systems Holdings, Inc. 3.800%, 10–7–24 (A)	2,225	2,445
Boeing Co. (The) 4.508%, 5–1–23	1,300	1,391
		5,596
Materials – 0.4%		
GUSAP III L.P. 4.250%, 1–21–30 (A)	1,900	1,999
Real Estate – 1.3%		
Aircastle Ltd. 4.400%, 9–25–23	2,800	2,982
Crown Castle International Corp. 4.000%, 3–1–27	3,000	3,322
		6,304
<b>Total United States – 14.8%</b>		<b>\$ 71,090</b>
Uruguay		
Industrials – 0.3%		
Navios South American Logistics, Inc. and Navios Logistics Finance (U.S.), Inc. 10.750%, 7–1–25 (A)	1,530	1,687
<b>Total Uruguay – 0.3%</b>		<b>\$ 1,687</b>
Venezuela		
Financials – 0.9%		
Corporacion Andina de Fomento: 3.250%, 2–11–22	3,250	3,321
2.375%, 5–12–23	650	671
		3,992
<b>Total Venezuela – 0.9%</b>		<b>\$ 3,992</b>
Vietnam		
Energy – 0.3%		
Mong Duong Finance Holdings B.V. 5.125%, 5–7–29 (A)	1,600	1,608
<b>Total Vietnam – 0.3%</b>		<b>\$ 1,608</b>
<b>TOTAL CORPORATE DEBT SECURITIES –</b>		<b>\$345,025</b>
<b>71.0%</b>		
(Cost: \$325,968)		

2021 ANNUAL REPORT 31



[Table of Contents](#)**SCHEDULE OF INVESTMENTS**IVY GLOBAL BOND FUND *(in thousands)*

MARCH 31, 2021

**Notes to Schedule of Investments**

(A) Securities were purchased pursuant to an exemption from registration available under Rule 144A under the Securities Act of 1933 and may only be resold in transactions exempt from registration, normally to qualified institutional buyers. At March 31, 2021 the total value of these securities amounted to \$242,774 or 50.0% of net assets.

(B) Payment-in-kind bond which may pay interest in additional par and/or in cash. Rates shown are the current rate and possible payment rates.

(C) All or a portion of securities with an aggregate value of \$8,507 are on loan.

(D) Other Government Securities may include emerging markets sovereign, quasi-sovereign, corporate and supranational agency and organization debt securities.

(E) Rate shown is the annualized 7-day yield at March 31, 2021.

(F) Investment made with cash collateral received from securities on loan.

The following table is a summary of the valuation of the Fund's investments by the fair value hierarchy levels as of March 31, 2021. See Note 3 to the Financial Statements for further information regarding fair value measurement.

	Level 1	Level 2	Level 3
<b>Assets</b>			
Investments in Securities			
Corporate Debt Securities	\$ —	\$ 345,025	\$ —
Other Government Securities	—	56,483	—
United States Government Agency Obligations	—	235	—
United States Government Obligations	—	64,073	—
Short-Term Securities	26,072	—	—
Total	\$ 26,072	\$ 465,816	\$ —

The following acronyms are used throughout this schedule:

GTD = Guaranteed

PIK = Payment in Kind

**Market Sector Diversification****(as a % of net assets)**

Financials	23.6%
United States Government and Government Agency Obligations	13.2%
Other Government Securities	11.7%
Utilities	7.7%
Materials	7.3%
Consumer Staples	6.1%
Energy	6.0%
Consumer Discretionary	5.9%
Industrials	5.7%
Communication Services	3.8%
Health Care	1.9%
Information Technology	1.7%
Real Estate	1.3%
Other+	4.1%

+Includes liabilities (net of cash and other assets), and cash equivalents

See Accompanying Notes to Financial Statements.

[Table of Contents](#)**MANAGEMENT DISCUSSION****IVY GLOBAL EQUITY INCOME FUND**

(UNAUDITED)



Robert E. Nightingale

*Below, Robert E. Nightingale and Christopher Parker, CFA, portfolio managers of Ivy Global Equity Income Fund, discuss positioning, performance and results for the fiscal year ended March 31, 2021. Mr. Nightingale has managed the Fund since its inception in June 2012 and has 25 years of industry experience. Mr. Parker was named portfolio manager to the Fund in February 2018 and has 25 years of industry experience.*

**Fiscal Year Performance**

For the 12 Months Ended March 31, 2021

<b>Ivy Global Equity Income Fund (Class A shares at net asset value)</b>	47.07%
<b>Ivy Global Equity Income Fund (Class A shares including sales charges)</b>	41.92%

Benchmark and Morningstar Category

<b>FTSE All-World High Dividend Yield Index</b>	47.14%
---	--------

(generally reflects the performance of securities with higher-than-average dividend yields in the global market)

<b>Morningstar World Large Stock Category Average</b>	57.22%
---	--------

(generally reflects the performance of the universe of funds with similar investment objectives)

*Please note that Fund returns include applicable fees and expenses, while index returns do not include any such fees. The performance discussion below is at net asset value (NAV).*



Christopher J. Parker

**A year in review**

The past twelve months have been simply extraordinary. A year ago, the world was beginning to understand the magnitude of the health threat posed by COVID-19. To prevent a genuine global health care and humanitarian catastrophe, the world put itself in lockdown, creating an economic catastrophe instead. Global economic output contracted dramatically, and many countries saw unprecedented declines. Governments and policymakers reacted with breathtaking speed, providing support and stimulus of staggering breadth and magnitude. While aspects of this process were clearly messy and at times overly polarized, ultimately leaders coalesced around solutions to ameliorate the short-term impact of the crisis and provide momentum to economic growth over time in the form of government investment and infrastructure programs. The most remarkable of these came from the European Union (EU), where the crisis pulled together nations and led to previously unseen collaboration in the form of a broad spending scheme supported by EU-wide debt mutualization.

These moves avoided a potentially prolonged economic contraction, but the outlook remained uncertain and bleak. Lockdowns slowed the spread of COVID-19 but did not eradicate the virus. The timing for a vaccine was articulated in years not months, and discussions centered on how the world as we knew it would be permanently changed. What happened over the following six months is a testament to human ingenuity and resourcefulness. The outcome — the most rapid vaccine development and rollout in history. This rollout now brings hope that life will return to normal soon, though the rollout globally has been uneven at best.

The U.S. experienced an election and campaign season with virtual nomination conventions, virtual debates and record turnout. While Joe Biden won the Presidency, it took an additional two months and run-off elections for Georgia's two Senate seats to determine the overall composition of the government.

In Europe, the Italian Government fell once again (that is 66 times since the end of World War II if you are counting) and former European Central Bank (ECB) President Mario Draghi took over earlier this year. In Germany, the dream of Euro-unity and budgetary and debt mutualization has hit a snag in the Constitutional Court, calling into question the scope and structure of the EU recovery plan agreed upon last year.

On the global stage, investors are starting to realize that U.S.-Chinese relations under the Biden Administration will not improve. In fact, so far it has deteriorated. The Biden Administration is coordinating and leading our U.S. allies to put pressure on China to change its ways on trade, technology theft, cyber warfare, human rights, and relations with its Asian neighbors. China has lashed out towards Europe, Australia, and others. This is an issue that will not go away and is a risk to the markets given the interlinkage of the global economy.

Optimism regarding the strength of economic recovery fueled an amazing rally in markets in the past year. The Fund's index was up 47.1% in the last twelve months and the S&P 500 Index was up 56.4% as well. Numerous domestic and international market indexes now sit at record levels, above pre-COVID peaks despite some economic scarring. Higher expected growth has driven the U.S. 10-year about 1% higher in the second half of the fiscal year on expectations for rising future inflation. The long-term inflation debate has begun. The recovery in most markets clearly reinforced the "buy the dip" mentality and seemingly outlawing of risk of loss in equity investing. As such, some clear bubble behavior emerged

[Table of Contents](#)

reminiscent of the sense of bulletproof markets of the late 1990s and early 2000 before the last tech bubble burst. Reddit internet bulletin boards became a movement that drove the “gamification” of investing, principally through shares of Gamestop and other thinly traded, heavily shorted stocks. There are also now clear signs of bubbles bursting in some corners of the market as margin calls at a family office hedge sparked fire sale liquidations in several securities and the failure of a largely unknown supply-chain finance company may lead to billions in losses for investors and creditors. After all that who knows what the next twelve months will bring!

### Fund contributors and detractors

Over the past twelve months, the Fund performed in-line with its benchmark index and underperformed its Morningstar peer group. Stock selection was a strong positive, while sector allocation and currency exposure were drags on relative performance. Geographically, regional allocation was a drag on performance while stock selection within regions was strongly positive.

The start of the fiscal period roughly aligns with the COVID-19 market bottom. Since that point, markets have roared upward on increasing optimism regarding a strong recovery in economic activity and growth in corporate earnings. This pro-cyclical slant is clearly emphasized in sector performance, with cyclically sensitive sectors generating the strongest returns over the period. Materials, information technology, consumer discretionary, industrials, and financials outperformed the benchmark by at least 10%. Communication services, consumer staples, real estate, utilities and health care lagged the benchmark by at least 20%. Energy was roughly in-line with the benchmark, though this was a tale of two halves with the second half of the year robust on prospects for improving supply/demand balances post vaccine approvals last fall that drove a strong rally in crude.

From a sector allocation perspective, relative performance was helped the most by the Fund’s overweight position in information technology and underweight positions in communication services, real estate and consumer staples. Drags on performance from a sector point of view were being overweight utilities and health care and underweight consumer discretionary. The Fund typically maintains a minimal cash position, but returns for the past twelve months were sufficiently robust, so the Fund’s cash allocation was a drag on relative performance. Stock selection was positive in financial services, information technology, materials, utilities and consumer staples. Stock selection was a drag in consumer discretionary, industrials, energy and health care. Geographically, the Fund’s overweight position in Europe hurt relative performance as European stocks lagged benchmark performance. Stock selection, from a geographic point of view, was positive overall and especially strong in Europe, the U.S. and Asia Ex-Japan.

From an individual security point of view, the strongest contributors to results were Taiwan Semiconductor Manufacturing Co. Ltd. (TSMC), Morgan Stanley, QUALCOMM, Inc., Anglo American plc and Eastman Chemical Co. The Fund no longer holds QUALCOMM, Inc. TSMC benefitted from strong demand driven by strength in mobile demand behind 5G, personal computer demand due to work-from-home and gaming, as well strong demand from hyperscale. The company’s multiple also expanded significantly as investors increasingly recognize the strength of its competitive position in future semiconductor production nodes. Performance at Morgan Stanley was fueled by the company’s continued evolution toward its higher return wealth management and asset management businesses. We view both of those businesses as being extremely well positioned to gain market share, grow organically, and increase profitability and returns over time. We also view these as businesses warranting higher valuation multiples than most financial services companies, and believe Morgan Stanley’s valuation should continue to improve as its mix of profits shifts more toward these areas. The company also benefitted from extremely robust capital markets activity. QUALCOMM, Inc. benefitted from an ongoing strong 5G handset cycle, driving units and improved content, as well as resolution of remaining licensing disputes. Anglo American and Eastman Chemical both benefitted from improving operating results based on a recovery in economic activity versus extremely discounted share prices toward the trough of the COVID-19 driven bear market a year ago.

The largest detractors to performance on a relative basis were Unilever plc, Guangdong Investment Ltd., GlaxoSmithKline plc, Tokio Marine Holdings, Inc., and CNOOC Ltd. The Fund no longer holds GlaxoSmithKline plc or CNOOC Ltd. The Fund purchased Unilever within this past year based on a view that the market was under-appreciating the potential for structural improvements in its business mix and improved execution under a fairly new management team. The shares have underperformed as the company is less levered to “reopening” and has exposure to certain emerging-market countries that are facing continued challenges in managing COVID-19 outbreaks. Guangdong Investment has underperformed as the stable nature of most of its business has made it less exposed to expected strong economic growth. The company is also seeing some pressure on its outlook for growth due to the timing of earnings growth from some of its new water project investments. GlaxoSmithKline underperformed due to company-specific impacts regarding how COVID-19 has changed health care usage and utilization. Additionally, the company missed on some of its key drug development opportunities in the past year, which has diminished intermediate-growth opportunities in its pharmaceuticals business. Tokio Marine was a relative outperformer during the worst period of the COVID-19 related bear market and thus had less ground to recover as a result. Further, like many property and casualty insurers, it has faced headwinds from COVID-19 related losses and

[Table of Contents](#)

investment income headwinds due to lower global interest rates. We are positive on the company's ability to benefit from improving pricing in many of its international commercial line businesses in the near to intermediate term. CNOOC shares underperformed due to the challenges in the commodity price environment and due to U.S. government actions to limit holdings of certain Chinese companies believed to have close ties to the government.

## Positioning

Our investment approach remains steadfastly focused on investing in what we believe are quality businesses with favorable near and intermediate fundamentals, generally stable to rising dividends and attractive valuations. This approach is consistent across sectors and geographies. The core of our approach is based on stock selection as the key driver of portfolio inclusion and construction. As such, we do not significantly adjust portfolio positioning based on our short-term economic outlook or other factors that could impact a company's earnings outlook over the short run. However, a core part of our focus is on finding quality businesses we believe are mispriced due to these shorter-term market dislocations or other factors the market has underappreciated.

The Fund is overweight the industrials sector as we have been able to purchase shares in several companies in this area that may benefit from strong economic growth in the near to intermediate term and we believe are well positioned at a company specific level. This is due to strong competitive positions in long-tailed secular trends such as electrification and digitalization, and/or specific restructuring and improvement in operational execution that we expect to drive improving profitability, returns, and increases in valuation. We were able to purchase shares in these businesses at what we feel are attractive levels over the past year and believe these remain attractive opportunities for returns given business quality, valuation, and growth opportunities. The Fund is currently overweight utilities where we are finding perceived value in several companies that are at the forefront of investing in the unfolding energy transformation from fossil fuels toward wind and solar power generation. There have been questions regarding the sustainability of returns in this area as new capital and new entrants pursue opportunities. We believe improved project economics relative to traditional fossil fuels, as well as broadening understanding of climate impact externalities, are expanding the investment pie such that returns will sustain far beyond what is embedded in current valuations. Additionally, we believe the companies where the Fund is invested possess sound strategic positions to capitalize on these opportunities. The Fund's most prominent underweight positions are in materials, communication services and consumer staples. In the materials sector, we believe valuations do not offer compelling returns after strong relative performance. Within communication services, few companies meet our business quality and financial criteria. With respect to consumer staples, the Fund has been overweight the sector at times in the past given attractive valuations and company specific opportunities. However, at present we do not find many compelling prospects based on current valuations and our intermediate-term outlook.

## Outlook

We remain fairly optimistic regarding our outlook for economic growth and growth in corporate earnings. We see a lot of dry powder and fuel for economic growth in a few key forms. From a consumer point of view, the combination of a variety of government support schemes, stimulus payments, recovering employment and (to a degree) inability to spend have driven savings rates to quite high levels relative to history. We think the savings rate is a coiled spring that will propel consumption as vaccination occurs and COVID-19 restrictions are lifted. While employment in many sectors of the economy has been slow to recover, we think this gap should also close as consumer spending increases — driving a recovery that can feed on itself for some time. Progress on COVID-19 vaccine deployment, as well as the ultimate durability of efficacy, are key to future potential growth. As demonstrated during periods of relaxation of COVID-19 restrictions during the past year, a desire and ability to return to normality — if not make up for lost time — should drive a strong rebound in activity. The pace at which vaccines are being deployed varies dramatically around the world, and we expect economic growth to be similarly uneven with a somewhat start-stop characteristics for much of the year. Adding further potential growth impulses are the variety of government infrastructure and development spending programs in the U.S. and numerous countries internationally. Scope and timing here are uncertain as many of these programs are more long-tailed in nature, as opposed to nearer-term in orientation. However, this spending may provide a tailwind to growth over the near to intermediate term as well.

Our optimism on growth is tempered in many areas by valuation, with many markets around the world at all-time highs, valuation multiples in many areas at elevated levels, and the outlook for returns is more muted. Additionally, many of the most obvious beneficiaries of recovering growth have been bid up to levels that simply do not appear justifiable. There are still pockets of opportunity in various areas, but we expect this to be a headwind to returns relative to growth. We remain optimistic that our longer-term horizon and disciplined approach to business quality, valuation and intermediate-term outlook will allow us to find attractive opportunities.

**Performance shown at NAV does not include the effect of sales charges. If reflected, the performance shown would have been lower. Performance including sales charges reflects the maximum applicable front-end sales load and thus the lowest possible performance after sales charges. Your sales charges could be lower.**

[Table of Contents](#)

---

Past performance is not a guarantee of future results. The value of the Fund's shares will change, and you could lose money on your investment.

International investing involves additional risks including currency fluctuations, political or economic conditions affecting the foreign country, and differences in accounting standards and foreign regulations. The value of the Fund's investments, as measured in U.S. dollars, may be unfavorably affected by changes in foreign currency exchange rates and exchange control regulations. Focusing on a single geographic region involves increased currency, political, regulatory and other risks. These risks are magnified in emerging markets.

Dividend-paying stocks may fall out of favor with investors and underperform non-dividend paying stocks and the market as a whole. In addition, dividend-paying companies may not pay dividends in the future; such dividends, if declared, may not remain at current levels or increase over time. The amount of any dividend the company may pay may fluctuate significantly. Dividend-paying stocks can decline in value when interest rates rise; this risk may be greater during the current period of historically low interest rates. These and other risks are more fully described in the Fund's prospectus.

The opinions expressed in this report are those of the Fund's portfolio managers and are current only through the end of the period of the report as stated on the cover. The portfolio managers' views are subject to change at any time based on market and other conditions, and no forecasts can be guaranteed.

The index noted is unmanaged, includes reinvested dividends and does not include fees. One cannot invest directly in an index, nor is an index representative of the Ivy Global Equity Income Fund.

[Table of Contents](#)**PORTFOLIO HIGHLIGHTS****IVY GLOBAL EQUITY INCOME FUND**

ALL DATA IS AS OF MARCH 31, 2021 (UNAUDITED)

**Asset Allocation**

<b>Stocks</b>	<b>98.5%</b>
Financials	24.3%
Industrials	12.4%
Health Care	11.5%
Information Technology	11.5%
Utilities	10.5%
Consumer Staples	9.7%
Energy	6.1%
Consumer Discretionary	5.6%
Materials	4.4%
Communication Services	2.5%
<b>Cash and Other Assets (Net of Liabilities), and Cash Equivalents+</b>	<b>1.5%</b>

**Country Weightings**

<b>Europe</b>	<b>40.7%</b>
Germany	13.1%
France	9.5%
United Kingdom	8.7%
Switzerland	3.7%
Other Europe	5.5%
<b>North America</b>	<b>37.1%</b>
United States	35.4%
Other North America	1.7%
<b>Pacific Basin</b>	<b>20.9%</b>
Japan	5.4%
Taiwan	4.7%
South Korea	4.2%
Other Pacific Basin	6.6%
<b>Cash and Other Assets (Net of Liabilities), and Cash Equivalents+</b>	<b>1.5%</b>

**Top 10 Equity Holdings**

<b>Company</b>	<b>Country</b>	<b>Sector</b>	<b>Industry</b>
Taiwan Semiconductor Manufacturing Co. Ltd.	Taiwan	Information Technology	Semiconductors
Samsung Electronics Co. Ltd.	South Korea	Information Technology	Technology Hardware, Storage & Peripherals
Bank of America Corp.	United States	Financials	Diversified Banks
AstraZeneca plc	United Kingdom	Health Care	Pharmaceuticals
Procter & Gamble Co. (The)	United States	Consumer Staples	Household Products
Schneider Electric S.A.	France	Industrials	Electrical Components & Equipment
ENEL S.p.A.	Italy	Utilities	Electric Utilities
Volkswagen AG, 2.260%	Germany	Consumer Discretionary	Automobile Manufacturers
Morgan Stanley	United States	Financials	Investment Banking & Brokerage
Siemens AG	Germany	Industrials	Heavy Electrical Equipment

See your advisor or [www.ivyinvestments.com](http://www.ivyinvestments.com) for more information on the Fund's most recently published Top 10 Equity Holdings.

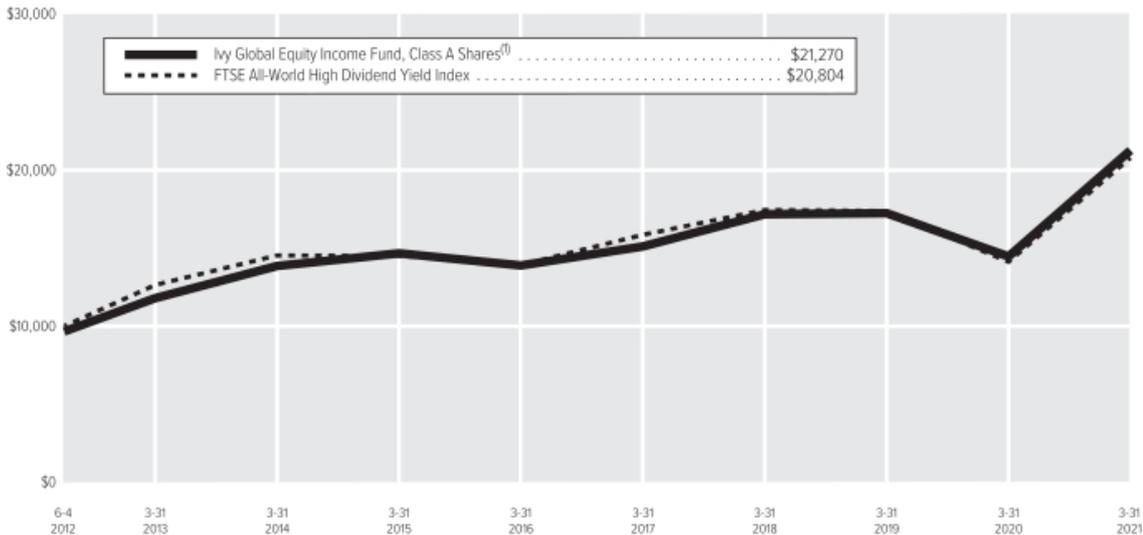
+Cash equivalents are defined as highly liquid securities with maturities of less than three months. Cash equivalents may include U.S. Government Treasury bills, bank certificates of deposit, bankers' acceptances, corporate commercial paper and other money market instruments.

[Table of Contents](#)

## COMPARISON OF CHANGE IN VALUE OF \$10,000 INVESTMENT

## IVY GLOBAL EQUITY INCOME FUND

(UNAUDITED)



Please note that the performance of the Fund's other share classes will be greater or less than the performance shown above for Class A based on the differences in loads and fees paid by shareholders investing in the different classes.

(1) The value of the investment in the Fund is impacted by the sales load at the time of the investment and by the ongoing expenses of the Fund and assumes reinvestment of dividends and distributions.

Average Annual Total Return <sup>(2)</sup>	Class A <sup>(3)</sup>	Class B <sup>(4)</sup>	Class C	Class E <sup>(3)</sup>	Class I	Class N	Class R	Class Y
1-year period ended 3-31-21	41.92%	41.99%	45.88%	43.53%	47.60%	47.70%	46.59%	47.11%
5-year period ended 3-31-21	8.12%	8.01%	8.14%	—	9.26%	9.40%	8.59%	8.98%
10-year period ended 3-31-21	—	—	—	—	—	—	—	—
Since Inception of Class through 3-31-21 <sup>(5)</sup>	8.93%	8.69%	8.71%	5.25%	9.74%	6.83%	7.73%	9.46%

(2) Data quoted is past performance and is based on deduction of the maximum applicable sales load for each of the periods. Current performance may be lower or higher. Past performance is no guarantee of future results. Investment return and principal value of an investment will fluctuate and shares, when redeemed, may be worth more or less than their original cost. Please visit [www.ivyinvestments.com](http://www.ivyinvestments.com) for the Fund's most recent month end performance. Class A and Class E Shares carry a maximum front-end sales load of 3.50%<sup>(a)</sup> and 2.50%, respectively. Class B and Class C shares carry a maximum contingent deferred sales charge (CDSC) of 5% and 1%, respectively (the Class C shares reflect no CDSC since it only applies to Class C shares redeemed within twelve months after purchase). Class I, Class N, Class R and Class Y shares are not subject to sales charges.

(3) Class A shares carry a CDSC on shares purchased at net asset value for \$1 million or more that are subsequently redeemed within 12 months of purchase. Effective October 1, 2020, Class A shares carry a CDSC on shares purchased at net asset value for \$500,000 or more that are subsequently redeemed within 12 months of purchase. Class E shares carry a CDSC on shares purchased at net asset value for \$250,000 or more that are subsequently redeemed within 12 months of purchase.

(4) Class B shares are not currently available for direct investment. However, they are available for dividend reinvestment and exchange of the same class shares of another Ivy Fund.

(5) 6-4-12 for Class A shares, 6-4-12 for Class B shares, 6-4-12 for Class C shares, 2-26-18 for Class E shares, 6-4-12 for Class I shares, 7-31-14 for Class N shares, 12-19-12 for Class R shares and 6-4-12 for Class Y shares (the date on which shares were first acquired by shareholders).

Past performance is not necessarily indicative of future performance. Indexes are unmanaged. The performance graph and table do not reflect the deduction of taxes that a shareholder would pay on Fund distributions or on the redemption of Fund shares. Performance results may include the effect of expense reduction arrangements for some or all of the periods shown. If those arrangements had not been in place, the performance results for those periods would have been lower.

(a) Effective October 1, 2020, the maximum applicable sales charge for Class A shares has been lowered to 3.50% from 5.75%.

[Table of Contents](#)**SCHEDULE OF INVESTMENTS****IVY GLOBAL EQUITY INCOME FUND** (in thousands)

MARCH 31, 2021

<b>COMMON STOCKS</b>	<b>Shares</b>	<b>Value</b>	<b>COMMON STOCKS (Continued)</b>	<b>Shares</b>	<b>Value</b>	<b>COMMON STOCKS (Continued)</b>	<b>Shares</b>	<b>Value</b>
Canada			Italy			United Kingdom		
Financials – 1.7%			Utilities – 2.8%			Consumer Staples – 2.5%		
Bank of Montreal	118	<u>\$10,547</u>	ENEL S.p.A.	1,771	<u>\$17,639</u>	Unilever plc	271	<u>\$ 15,132</u>
<b>Total Canada – 1.7%</b>		<b>\$10,547</b>	<b>Total Italy – 2.8%</b>		<b>\$17,639</b>	Financials – 1.3%		
France			Japan			3i Group plc	517	<u>8,224</u>
Energy – 2.4%			Financials – 3.7%			Health Care – 3.3%		
Total S.A. (A)	318	<u>14,825</u>	ORIX Corp.	851	<u>14,357</u>	AstraZeneca plc	205	<u>20,528</u>
Financials – 2.4%			Tokio Marine Holdings, Inc. (A)	184	<u>8,730</u>	Materials – 1.6%		
Axa S.A.	557	<u>14,955</u>			<u>23,087</u>	Anglo American plc	251	<u>9,828</u>
Health Care – 1.7%			Industrials – 1.7%			<b>Total United Kingdom – 8.7%</b>		<b>\$ 53,712</b>
Sanofi-Aventis	106	<u>10,444</u>	ITOCHU Corp. (A)	327	<u>10,590</u>	United States		
Industrials – 3.0%			<b>Total Japan – 5.4%</b>		<b>\$33,677</b>	Consumer Discretionary – 1.3%		
Schneider Electric S.A.	124	<u>18,925</u>	Macau			V.F. Corp.	98	<u>7,831</u>
<b>Total France – 9.5%</b>		<b>\$59,149</b>	Consumer Discretionary – 1.6%			Consumer Staples – 7.2%		
Germany			Sands China Ltd.	1,936	<u>9,672</u>	Philip Morris International, Inc.	182	<u>16,120</u>
Communication Services – 2.5%			<b>Total Macau – 1.6%</b>		<b>\$ 9,672</b>	Procter & Gamble Co. (The)	143	<u>19,353</u>
Deutsche Telekom AG, Registered Shares	755	<u>15,205</u>	Singapore			Sysco Corp.	116	<u>9,125</u>
Financials – 1.6%			Financials – 1.9%					<u>44,598</u>
Munchener Ruckversicherungs-Gesellschaft AG, Registered Shares	31	<u>9,609</u>	DBS Group Holdings Ltd.	559	<u>11,957</u>	Energy – 2.4%		
Industrials – 2.7%			<b>Total Singapore – 1.9%</b>		<b>\$11,957</b>	ConocoPhillips	283	<u>14,964</u>
Siemens AG	100	<u>16,388</u>	South Korea			Financials – 8.2%		
Utilities – 3.6%			Information Technology – 4.2%			Bank of America Corp.	550	<u>21,292</u>
E.ON AG	775	<u>9,019</u>	Samsung Electronics Co. Ltd.	365	<u>26,232</u>	Citigroup, Inc.	171	<u>12,412</u>
RWE Aktiengesellschaft	337	<u>13,222</u>	<b>Total South Korea – 4.2%</b>		<b>\$26,232</b>	Morgan Stanley	212	<u>16,434</u>
		<u>22,241</u>	Sweden					<u>50,138</u>
<b>Total Germany – 10.4%</b>		<b>\$63,443</b>	Energy – 1.3%			Health Care – 4.4%		
Hong Kong			Lundin Energy AB	263	<u>8,268</u>	Amgen, Inc.	49	<u>12,107</u>
Utilities – 1.2%			<b>Total Sweden – 1.3%</b>		<b>\$ 8,268</b>	CVS Caremark Corp.	204	<u>15,370</u>
Guangdong Investment Ltd.	4,567	<u>7,437</u>	Switzerland					<u>27,477</u>
<b>Total Hong Kong – 1.2%</b>		<b>\$ 7,437</b>	Financials – 1.6%			Industrials – 5.0%		
Indonesia			Zurich Financial Services, Registered Shares	23	<u>9,894</u>	Eaton Corp.	106	<u>14,670</u>
Financials – 1.9%			Health Care – 2.1%			Raytheon Technologies Corp.	205	<u>15,871</u>
PT Bank Mandiri (Persero) Tbk	27,578	<u>11,677</u>	Roche Holdings AG, Genussscheine	40	<u>12,861</u>			<u>30,541</u>
<b>Total Indonesia – 1.9%</b>		<b>\$11,677</b>	<b>Total Switzerland – 3.7%</b>		<b>\$22,755</b>	Information Technology – 2.6%		
Ireland			Taiwan			Cisco Systems, Inc.	307	<u>15,873</u>
Materials – 1.4%			Information Technology – 4.7%			Materials – 1.4%		
CRH plc	187	<u>8,769</u>	Taiwan Semiconductor Manufacturing Co. Ltd.	1,411	<u>29,028</u>	Eastman Chemical Co.	77	<u>8,450</u>
<b>Total Ireland – 1.4%</b>		<b>\$ 8,769</b>	<b>Total Taiwan – 4.7%</b>		<b>\$29,028</b>	Utilities – 2.9%		
						Exelon Corp.	208	<u>9,079</u>
						Public Service Enterprise Group, Inc.	143	<u>8,614</u>
								<u>17,693</u>
						<b>Total United States – 35.4%</b>		<b>\$217,565</b>
						<b>TOTAL COMMON STOCKS – 95.8%</b>		<b>\$591,527</b>
						(Cost: \$448,614)		

[Table of Contents](#)**SCHEDULE OF INVESTMENTS**IVY GLOBAL EQUITY INCOME FUND *(in thousands)*

MARCH 31, 2021

<b>PREFERRED STOCKS</b>	<b>Shares</b>	<b>Value</b>	<b>SHORT-TERM SECURITIES</b>	<b>Shares</b>	<b>Value</b>
Germany			(Continued)		
Consumer Discretionary – 2.7%			Money Market Funds (B) (Continued)		
Volkswagen AG, 2.260%	61	\$17,009	Dreyfus Institutional Preferred		
			Government Money Market Fund –		
<b>Total Germany – 2.7%</b>		<b>\$17,009</b>	Institutional Shares 0.010% (C)	341	\$ 341
<b>TOTAL PREFERRED STOCKS – 2.7%</b>		<b>\$17,009</b>			6,015
(Cost: \$10,324)			<b>TOTAL SHORT-TERM SECURITIES – 1.0%</b>		<b>\$ 6,015</b>
			(Cost: \$6,015)		
<b>SHORT-TERM SECURITIES</b>			<b>TOTAL INVESTMENT SECURITIES – 99.5%</b>		<b>\$614,551</b>
Money Market Funds (B) – 1.0%			(Cost: \$464,953)		
State Street Institutional U.S. Government			<b>CASH AND OTHER ASSETS, NET OF LIABILITIES</b>		
Money Market Fund – Premier			– 0.5%		3,248
Class 0.040%	5,674	5,674	<b>NET ASSETS – 100.0%</b>		<b>\$617,799</b>

**Notes to Schedule of Investments**

(A) All or a portion of securities with an aggregate value of \$34,069 are on loan.

(B) Rate shown is the annualized 7-day yield at March 31, 2021.

(C) Investment made with cash collateral received from securities on loan.

The following table is a summary of the valuation of the Fund's investments by the fair value hierarchy levels as of March 31, 2021. See Note 3 to the Financial Statements for further information regarding fair value measurement.

	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>
<b>Assets</b>			
Investments in Securities			
Common Stocks	\$591,527	\$ —	\$ —
Preferred Stocks	17,009	—	—
Short-Term Securities	6,015	—	—
Total	<b>\$614,551</b>	<b>\$ —</b>	<b>\$ —</b>

**Market Sector Diversification**  
(as a % of net assets)

Financials	24.3%
Industrials	12.4%
Health Care	11.5%
Information Technology	11.5%
Utilities	10.5%
Consumer Staples	9.7%
Energy	6.1%
Consumer Discretionary	5.6%
Materials	4.4%
Communication Services	2.5%
Other+	1.5%

+Includes cash and other assets (net of liabilities), and cash equivalents

See Accompanying Notes to Financial Statements.

[Table of Contents](#)**MANAGEMENT DISCUSSION****IVY GLOBAL GROWTH FUND**

(UNAUDITED)



Sarah C. Ross

*Below, Sarah C. Ross, CFA, portfolio manager of the Ivy Global Growth Fund, discusses positioning, performance and results for the fiscal year ended March 31, 2021. Ms. Ross has 26 years of industry experience and has managed the Fund since August 2014.*

**Fiscal Year Performance**

For the 12 Months Ended March 31, 2021

<b>Ivy Global Growth Fund (Class A shares at net asset value)</b>	57.85%
<b>Ivy Global Growth Fund (Class A shares including sales charges)</b>	52.32%

Benchmark and Morningstar Category

<b>MSCI World Index</b>	54.03%
-------------------------	--------

(generally reflects the performance of securities markets around the world)

<b>Morningstar World Large Stock Category Average</b>	57.22%
---	--------

(generally reflects the performance of the universe of funds with similar investment objectives)

*Please note that Fund returns include applicable fees and expenses, while index returns do not include any such fees. The performance discussion below is at net asset value (NAV).*

**A year in review**

Global equity performance for fiscal year ended March 31, 2021 can be viewed predominantly in terms of the COVID-19 pandemic impact. The 12-month period began in the midst of an earnings recession caused by pandemic-related economic shutdowns as governments around the world attempted to curb the virus spread. While economic shut downs were affecting most of the world by mid-March, equity markets bottomed just before the 12-month period began as investors anticipated a short-lived impact from the pandemic driven recession. What followed has been a period of market recovery that started with China and ebbed and flowed across the globe as economies partially re-opened and the market anticipated the coming earnings recovery. Global market enthusiasm took a step up in mid-November and carried through year end after multiple vaccine developers announced COVID-19 vaccine data with better efficacy (over 95%) than expected.

Global equity markets rebounded and finished the fiscal year up approximately 55% for the 12-month period. Aggressive monetary and fiscal stimulus globally played a significant role in strong equity market returns. In many markets globally, including the U.S., consumers and businesses received direct government payments to partially offset wage hits and economic hardship from the pandemic. The resulting economic impact from the recession (including loan losses in the financial system, consumer demand and industrial production, to name a few) have not been nearly as bad as initially feared in many markets. Signs of economic recovery, including retail traffic, travel and industrial production started to bottom in many cases around the world by January 2021 as investors returned to normal. Vaccine administration has played a big role in which markets are opening the earliest, with the U.S. leading the pack.

During the fiscal year, growth outperformed value with most of the outperformance coming in the first six months of the period. As global economies began to recover and positive vaccine data was announced, value performance improved but still ended the period eight percentage points behind growth. Price/earnings expansion played a role in equity returns as in most markets globally earnings have yet to fully recover from the pandemic hit.

During the period, emerging markets outperformed developed markets. In developed markets, the U.S. outperformed the benchmark while Japan underperformed. Europe performance was mixed but generally underperformed. Consumer discretionary was the strongest sector in the market, particularly later in the year as investors began anticipating a return to normal. Materials also outperformed followed by information technology, industrials and financials. The more staple industries underperformed, including utilities, consumer staples and health care.

**Performance for the year**

The Fund posted strong positive performance and outperformed its benchmark index and Morningstar peer group for the fiscal year. Stock selection was the overwhelming source of outperformance in the period with strong stock picking in energy, financials and health care the top contributors. An additional contributor in the fiscal period came from the Fund's overweight to information technology stocks, which continued to perform well. The Fund's underweight allocations in defensive staples, utilities and real estate also benefitted relative performance. These positives more than offset weak stock selection in the consumer discretionary sector. A range of technology holdings did well in the period, including Infineon Technologies AG, Taiwan Semiconductor Manufacturing Co. Ltd. ADR and Autodesk, Inc. Other contributors included PayPal, Inc., Discover Financial Services, Baidu, Inc., and Darden Restaurants, Inc. The Fund no longer holds Baidu, Inc.

[Table of Contents](#)

Our largest detractor to performance was not owning Tesla, Inc., followed by our ownership in Northrop Grumman Corp., Ubisoft Entertainment S.A. and Ping An Insurance Group Co. of China Ltd., H Shares.

## Outlook

While COVID-19 cases remain high in emerging markets and are rising in parts of Europe, effective vaccines are currently being administered globally as manufacturing production increases. We expect a very strong recovery in global growth for 2021, with global gross domestic product (GDP) growth approaching 6%. Comparisons will be off a low base following 2020, as many economies around the world were shut down in the first quarter of 2020 and only slowly recovered throughout the year.

The biggest concern we see for equity markets globally remains the issue of inflation. Strong growth is leading to rising inflation and higher bond yields in the U.S. As we eventually wind down stimulus globally and earnings comparisons become more challenging at calendar year end, the debate around the impact of inflation and possible Federal Reserve response could weigh more heavily on markets in the fall of 2021. We are conscious of the impact of higher rates on valuations of sustainable growth stocks and will continue to trim holdings when we see valuation risks.

We have added to positions we believe will benefit from a gradual return to normalcy, with exposure to restaurants, consumer spending and eventually travel. We currently expect more rapid recovery in the U.S. market relative to other parts of the world. That said, we are tempering our enthusiasm given high U.S. equity valuations and longer-term risks including an inflation debate. We continue to focus on investment ideas we feel have unique competitive barriers to entry with strong long-term tailwinds.

**Performance shown at NAV does not include the effect of sales charges. If reflected, the performance shown would have been lower. Performance including sales charges reflects the maximum applicable front-end sales load and thus the lowest possible performance after sales charges. Your sales charges could be lower.**

**Past performance is not a guarantee of future results. The value of the Fund's shares will change, and you could lose money on your investment.**

**International investing involves additional risks, including currency fluctuations, political or economic conditions affecting the foreign country, and differences in accounting standards and foreign regulations. Investments in countries with emerging economies or securities markets may carry greater risk than investments in more developed countries. Political and economic structures in many such countries may be undergoing significant evolution and rapid development, and such countries may lack the social, political and economic stability characteristics of more developed countries. Investments in securities issued in these countries may be more volatile and less liquid than securities issued in more developed countries. These and other risks are more fully described in the Fund's prospectus.**

**The opinions expressed in this report are those of the Fund's portfolio manager and are current only through the end of the period of the report as stated on the cover. The portfolio manager's views are subject to change at any time based on market and other conditions, and no forecasts can be guaranteed.**

**The index noted is unmanaged, includes reinvested dividends and does not include fees. One cannot invest directly in an index, nor is an index representative of the Ivy Global Growth Fund.**

[Table of Contents](#)**PORTFOLIO HIGHLIGHTS****IVY GLOBAL GROWTH FUND**

ALL DATA IS AS OF MARCH 31, 2021 (UNAUDITED)

**Asset Allocation**

<b>Stocks</b>	<b>99.1%</b>
Information Technology	25.0%
Consumer Discretionary	19.8%
Industrials	14.9%
Financials	14.9%
Health Care	10.8%
Communication Services	7.3%
Energy	4.4%
Consumer Staples	2.0%
<b>Liabilities (Net of Cash and Other Assets), and Cash Equivalents+</b>	<b>0.9%</b>

**Country Weightings**

<b>North America</b>	<b>60.7%</b>
United States	59.0%
Other North America	1.7%
<b>Europe</b>	<b>24.2%</b>
France	7.4%
United Kingdom	7.0%
Other Europe	9.8%
<b>Pacific Basin</b>	<b>13.8%</b>
China	5.8%
Japan	4.1%
Other Pacific Basin	3.9%
<b>South America</b>	<b>0.4%</b>
<b>Liabilities (Net of Cash and Other Assets), and Cash Equivalents+</b>	<b>0.9%</b>

**Top 10 Equity Holdings**

<b>Company</b>	<b>Country</b>	<b>Sector</b>	<b>Industry</b>
<a href="#">Amazon.com</a> , Inc.	United States	Consumer Discretionary	Internet & Direct Marketing Retail
Microsoft Corp.	United States	Information Technology	Systems Software
Apple, Inc.	United States	Information Technology	Technology Hardware, Storage & Peripherals
PayPal, Inc.	United States	Information Technology	Data Processing & Outsourced Services
Ferrari N.V.	Italy	Consumer Discretionary	Automobile Manufacturers
Schneider Electric S.A.	France	Industrials	Electrical Components & Equipment
Airbus SE	France	Industrials	Aerospace & Defense
Taiwan Semiconductor Manufacturing Co. Ltd. ADR	Taiwan	Information Technology	Semiconductors
Brinker International, Inc.	United States	Consumer Discretionary	Restaurants
Darden Restaurants, Inc.	United States	Consumer Discretionary	Restaurants

See your advisor or [www.ivyinvestments.com](http://www.ivyinvestments.com) for more information on the Fund's most recently published Top 10 Equity Holdings.

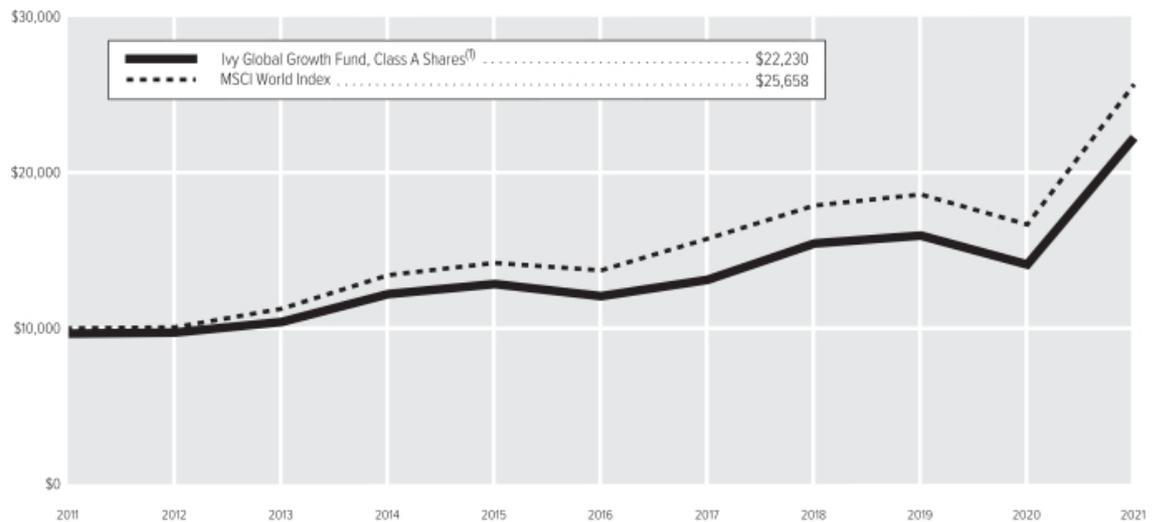
+Cash equivalents are defined as highly liquid securities with maturities of less than three months. Cash equivalents may include U.S. Government Treasury bills, bank certificates of deposit, bankers' acceptances, corporate commercial paper and other money market instruments.

[Table of Contents](#)

## COMPARISON OF CHANGE IN VALUE OF \$10,000 INVESTMENT

## IVY GLOBAL GROWTH FUND

(UNAUDITED)



Please note that the performance of the Fund's other share classes will be greater or less than the performance shown above for Class A based on the differences in loads and fees paid by shareholders investing in the different classes.

(1) The value of the investment in the Fund is impacted by the sales load at the time of the investment and by the ongoing expenses of the Fund and assumes reinvestment of dividends and distributions.

Average Annual Total Return <sup>(2)</sup>	Class A <sup>(3)</sup>	Class B <sup>(4)</sup>	Class C	Class I	Class N	Class R	Class Y
1-year period ended 3-31-21	52.32%	52.02%	56.45%	58.28%	58.50%	57.33%	57.86%
5-year period ended 3-31-21	12.23%	11.64%	12.11%	13.37%	13.54%	12.70%	13.07%
10-year period ended 3-31-21	8.32%	7.81%	8.01%	9.07%	—	—	8.78%
Since Inception of Class through 3-31-21 <sup>(5)</sup>	—	—	—	—	9.58%	9.60%	—

(2) Data quoted is past performance and is based on deduction of the maximum applicable sales load for each of the periods. Current performance may be lower or higher. Past performance is no guarantee of future results. Investment return and principal value of an investment will fluctuate and shares, when redeemed, may be worth more or less than their original cost. Please visit [www.ivyinvestments.com](http://www.ivyinvestments.com) for the Fund's most recent month end performance. Class A Shares carry a maximum front-end sales load of 3.50%<sup>(a)</sup>. Class B and Class C shares carry a maximum contingent deferred sales charge (CDSC) of 5% and 1%, respectively (the Class C shares reflect no CDSC since it only applies to Class C shares redeemed within twelve months after purchase). Class I, Class N, Class R and Class Y shares are not subject to sales charges.

(3) Class A shares carry a CDSC on shares purchased at net asset value for \$1 million or more that are subsequently redeemed within 12 months of purchase. Effective October 1, 2020, Class A shares carry a CDSC on shares purchased at net asset value for \$500,000 or more that are subsequently redeemed within 12 months of purchase.

(4) Class B shares are not currently available for direct investment. However, they are available for dividend reinvestment and exchange of the same class shares of another Ivy Fund.

(5) 7-31-14 for Class N shares and 12-19-12 for Class R shares (the date on which shares were first acquired by shareholders).

Past performance is not necessarily indicative of future performance. Indexes are unmanaged. The performance graph and table do not reflect the deduction of taxes that a shareholder would pay on Fund distributions or on the redemption of Fund shares. Performance results may include the effect of expense reduction arrangements for some or all of the periods shown. If those arrangements had not been in place, the performance results for those periods would have been lower.

(a) Effective October 1, 2020, the maximum applicable sales charge for Class A shares has been lowered to 3.50% from 5.75%.

[Table of Contents](#)**SCHEDULE OF INVESTMENTS****IVY GLOBAL GROWTH FUND** (in thousands)

MARCH 31, 2021

<b>COMMON STOCKS</b>	<b>Shares</b>	<b>Value</b>	<b>COMMON STOCKS (Continued)</b>	<b>Shares</b>	<b>Value</b>	<b>COMMON STOCKS (Continued)</b>	<b>Shares</b>	<b>Value</b>
Brazil			Italy			United States		
Consumer Discretionary – 0.4%			Consumer Discretionary – 2.7%			Communication Services – 2.5%		
Magazine Luiza S.A.	1,078	\$ 3,845	Ferrari N.V.	139	\$28,980	Facebook, Inc., Class A (A)	51	\$ 15,166
<b>Total Brazil – 0.4%</b>		<b>\$ 3,845</b>	<b>Total Italy – 2.7%</b>		<b>\$28,980</b>	Pinterest, Inc., Class A (A)	151	11,204
Canada			Japan					26,370
Energy – 1.7%			Financials – 1.6%			Consumer Discretionary – 12.1%		
Canadian Natural Resources Ltd.	564	17,418	ORIX Corp.	997	16,812	Amazon.com, Inc. (A)	15	45,792
<b>Total Canada – 1.7%</b>		<b>\$17,418</b>	Industrials – 2.5%			Brinker International, Inc.	379	26,937
China			Daikin Industries Ltd.	72	14,574	Darden Restaurants, Inc.	181	25,687
Communication Services – 1.7%			Recruit Holdings Co. Ltd.	228	11,126	Dollar General Corp.	32	6,518
Tencent Holdings Ltd.	233	18,298			25,700	Skechers USA, Inc. (A)	521	21,711
<b>Total China – 1.7%</b>		<b>\$61,918</b>	<b>Total Japan – 4.1%</b>		<b>\$42,512</b>			126,645
Consumer Discretionary – 2.1%			Netherlands			Energy – 1.4%		
Alibaba Group Holding Ltd. ADR (A)	98	22,197	Health Care – 1.0%			ConocoPhillips	278	14,718
Financials – 2.0%			Koninklijke Philips Electronics N.V., Ordinary Shares	193	11,012	Financials – 10.1%		
Ping An Insurance (Group) Co. of China Ltd., H Shares	1,800	21,423	<b>Total Netherlands – 1.0%</b>		<b>\$11,012</b>	Citigroup, Inc.	166	12,054
<b>Total China – 5.8%</b>		<b>\$61,918</b>	Switzerland			CME Group, Inc.	39	8,061
France			Health Care – 1.0%			Discover Financial Services	172	16,316
Communication Services – 1.3%			Alcon, Inc.	157	10,981	Goldman Sachs Group, Inc. (The)	62	20,173
Ubisoft Entertainment S.A. (A)	176	13,368	Industrials – 2.3%			JPMorgan Chase & Co.	93	14,134
Consumer Discretionary – 0.8%			Ferguson plc	206	24,579	Morgan Stanley	272	21,103
LVMH Moët Hennessy – Louis Vuitton	13	8,494	<b>Total Switzerland – 3.3%</b>		<b>\$35,560</b>	Pinnacle Financial Partners, Inc.	155	13,739
Industrials – 5.3%			Taiwan					105,580
Airbus SE	248	28,066	Information Technology – 2.6%			Health Care – 7.2%		
Schneider Electric S.A.	187	28,507	Taiwan Semiconductor Manufacturing Co. Ltd. ADR	235	27,811	Abbott Laboratories	95	11,356
		56,573	<b>Total Taiwan – 2.6%</b>		<b>\$27,811</b>	HCA Holdings, Inc.	72	13,646
<b>Total France – 7.4%</b>		<b>\$78,435</b>	United Kingdom			Johnson & Johnson	128	21,058
Germany			Communication Services – 1.8%			Thermo Fisher Scientific, Inc.	35	15,931
Consumer Discretionary – 0.1%			WPP Group plc	1,480	18,784	UnitedHealth Group, Inc.	36	13,358
AUTO1 Group SE (A)	17	976	Consumer Discretionary – 1.6%					75,349
Financials – 1.2%			Aptiv plc (A)	122	16,865	Industrials – 4.8%		
Deutsche Boerse AG	77	12,767	Consumer Staples – 2.0%			Eaton Corp.	139	19,182
Information Technology – 1.5%			Diageo plc	266	10,975	Northrop Grumman Corp.	49	15,699
Infinion Technologies AG	370	15,709	Unilever plc	178	9,973	Union Pacific Corp.	70	15,362
<b>Total Germany – 2.8%</b>		<b>\$29,452</b>			20,948			50,243
India			Health Care – 1.6%			Information Technology – 20.9%		
Energy – 1.3%			AstraZeneca plc	107	10,648	Adobe, Inc. (A)	28	13,160
Reliance Industries Ltd.	514	14,068	AstraZeneca plc ADR (B)	121	6,022	Ambarella, Inc. (A)	141	14,190
<b>Total India – 1.3%</b>		<b>\$14,068</b>			16,670	Apple, Inc.	287	35,102
			<b>Total United Kingdom – 7.0%</b>		<b>\$73,267</b>	Autodesk, Inc. (A)	20	5,589
						Fidelity National Information Services, Inc.	126	17,735
						Intuit, Inc.	60	22,894
						MasterCard, Inc., Class A	60	21,192
						Microsoft Corp.	156	36,688
						PayPal, Inc. (A)	122	29,717
						Visa, Inc., Class A	113	24,013
								220,280
						<b>Total United States – 59.0%</b>		<b>\$ 619,185</b>
						<b>TOTAL COMMON STOCKS – 99.1%</b>		<b>\$1,043,463</b>
						(Cost: \$636,270)		

[Table of Contents](#)**SCHEDULE OF INVESTMENTS**IVY GLOBAL GROWTH FUND *(in thousands)*

MARCH 31, 2021

<b>SHORT-TERM SECURITIES</b>	<b>Shares</b>	<b>Value</b>
Money Market Funds (C) – 1.2%		
State Street Institutional U.S. Government Money Market Fund – Premier Class 0.040%	7,994	\$ 7,994
Dreyfus Institutional Preferred Government Money Market Fund – Institutional Shares 0.010% (D)	4,700	4,700
		<u>12,694</u>
<b>TOTAL SHORT-TERM SECURITIES – 1.2%</b>		<b>\$ 12,694</b>
(Cost: \$12,694)		
<b>TOTAL INVESTMENT SECURITIES – 100.3%</b>		<b>\$1,056,157</b>
(Cost: \$648,964)		
<b>LIABILITIES, NET OF CASH AND OTHER ASSETS – (0.3)%</b>		<b>(2,937)</b>
<b>NET ASSETS – 100.0%</b>		<b>\$1,053,220</b>

**Notes to Schedule of Investments**

- (A) No dividends were paid during the preceding 12 months.
- (B) All or a portion of securities with an aggregate value of \$5,991 are on loan.
- (C) Rate shown is the annualized 7-day yield at March 31, 2021.
- (D) Investment made with cash collateral received from securities on loan.

The following table is a summary of the valuation of the Fund's investments by the fair value hierarchy levels as of March 31, 2021. See Note 3 to the Financial Statements for further information regarding fair value measurement.

	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>
<b>Assets</b>			
Investments in Securities			
Common Stocks	\$ 1,043,463	\$ —	\$ —
Short-Term Securities	12,694	—	—
Total	<u>\$ 1,056,157</u>	<u>\$ —</u>	<u>\$ —</u>

The following acronym is used throughout this schedule:

ADR = American Depositary Receipts

**Market Sector Diversification****(as a % of net assets)**

Information Technology	25.0%
Consumer Discretionary	19.8%
Industrials	14.9%
Financials	14.8%
Health Care	10.9%
Communication Services	7.3%
Energy	4.4%
Consumer Staples	2.0%
Other+	0.9%

+Includes liabilities (net of cash and other assets), and cash equivalents

See Accompanying Notes to Financial Statements.

[Table of Contents](#)**MANAGEMENT DISCUSSION****IVY GOVERNMENT MONEY MARKET FUND**

(UNAUDITED)



Mira Stevovich

*Below, Mira Stevovich, CFA, portfolio manager of Ivy Government Money Market Fund, discusses positioning, performance and results for the fiscal year ended March 31, 2021. She has managed the Fund for 20 years and has 34 years of industry experience.*

The Fund's fiscal year ended on March 31, 2021 with short-term rates at very low levels. Emergency rate cuts by the Federal Reserve (Fed) of 50 basis points (bps) and 100 bps in March 2020, respectively, established extremely low money market rates throughout the fiscal year. The rate cuts were made to support the economy as the COVID-19 pandemic evolved in the U.S. The Fed has expressed that it will maintain a low interest rate policy until its goals of maximum employment and inflation consistently above 2% are achieved.

**Fed Intervention**

The Fund's fiscal year started and ended with the federal funds rate between 0.0-0.25%. The Fed continued to use an interest rate band of a quarter percentage point to manage the federal funds rate. The Reverse Repo Program continued as a tool to manage the band floor.

The March 2020 mandated shutdown of the U.S. economy due to the COVID-19 pandemic caused the Fed to intervene with interest rate cuts, which caused a drop in short-term rates. A flight to U.S. government money market funds pushed short U.S. Treasury bill rates close to zero.

As the Fund's fiscal year began, the Fed had intervened by establishing several programs to help various sectors of the market stabilize after the effects of the COVID-19 shutdown. This included a program to aid in the efficient functioning of the money markets. These programs required the U.S. Treasury to substantially increase the issuance of U.S. Treasury bills to finance them. As a result, U.S. Treasury bill rates moved higher due to increased supply. A decrease in the size of U.S. Treasury bill auctions began in the third quarter of calendar year 2020 and continued through year-end, causing short interest rates to return to lower levels. As the fiscal year ended, the U.S. Treasury began paring down its balance sheet, which increased cash in the system, and pushed short rates back down close to the zero level where the fiscal year began. As a result of the lower interest rate environment, the return on the Fund continued to move down throughout the fiscal year.

**Staying the course**

This past fiscal year, we invested a minimum of 99.5% of the Fund's total assets in government securities, cash, sweep funds and/or repurchase agreements that are collateralized fully, per SEC regulations for government money market funds. The Fund has been structured to comply with the "know your investor" mandate, such that a somewhat shorter average maturity is maintained to provide ample liquidity for our investors. We anticipate continuing to use short floating-rate securities in the coming fiscal year as part of our liquidity management of the Fund.

We have managed the Fund to comply with all SEC regulations that apply to "government money market funds" since the conversion of the Fund in 2016. The SEC reformed money fund regulations in 2010 and further modified those regulations in July 2014 to provide money market investors with greater protection and more timely information about the fund in which they invest. To this end, we seek to maintain daily and weekly liquidity levels in accordance with those regulations, to provide for the liquidity needs of our shareholders. We intend to continue to manage the Fund in a prudent manner and in accordance with SEC regulations for "government money market funds."

**You could lose money by investing in the Ivy Government Money Market Fund. Although the Fund seeks to preserve the value of your investment at \$1.00 per share, it cannot guarantee it will do so. An investment in the Fund is not insured or guaranteed by the Federal Deposit Insurance Corporation or any other government agency. The Fund's sponsor has no legal obligation to provide financial support to the Fund, and you should not expect that the sponsor will provide financial support to the Fund at any time.**

**Interest rate increases can cause the price of a money market security to decrease. A decline in the credit quality of an issuer or a provider of credit support or a maturity-shortening structure for a security can cause the price of a money market security to decrease. Fund shares are not guaranteed by the U.S. Government. These and other risks are more fully described in the Fund's prospectus.**

**The opinions expressed in this report are those of the portfolio manager and are current only through the end of the period of the report as stated on the cover. The manager's views are subject to change at any time based on market and other conditions, and no forecasts can be guaranteed.**

[Table of Contents](#)

## PORTFOLIO HIGHLIGHTS

## IVY GOVERNMENT MONEY MARKET FUND

ALL DATA IS AS OF MARCH 31, 2021 (UNAUDITED)

### Asset Allocation

<b>Corporate Obligations</b>	<b>3.0%</b>
Money Market Funds	2.5%
Master Note	0.5%
<b>United States Government and Government Agency Obligations</b>	<b>95.8%</b>
<b>Municipal Obligations</b>	<b>1.5%</b>
<b>Liabilities (Net of Cash and Other Assets)</b>	<b>-0.3%</b>

2021 ANNUAL REPORT 49

[Table of Contents](#)**SCHEDULE OF INVESTMENTS****IVY GOVERNMENT MONEY MARKET FUND** (in thousands)

MARCH 31, 2021

<b>CORPORATE OBLIGATIONS</b>	<b>Principal</b>	<b>Value</b>
<b>Master Note</b>		
Toyota Motor Credit Corp. (1-Week U.S. LIBOR plus 25 bps), 0.340%, 4-7-21 (A)	\$ 1,000	\$1,000
<b>Total Master Note – 0.5%</b>		<b>1,000</b>
<b>Shares</b>		
<b>Money Market Funds (B)</b>		
State Street Institutional U.S. Government Money Market Fund – Premier Class, 0.040%, 4-1-21	4,928	4,928
<b>Total Money Market Funds – 2.5%</b>		<b>4,928</b>
<b>TOTAL CORPORATE OBLIGATIONS – 3.0%</b>		<b>\$5,928</b>
(Cost: \$5,928)		
<b>MUNICIPAL OBLIGATIONS</b>		
<b>California – 1.5%</b>		
Contra Costa Cnty, Multifamily Hsng Rev Rfdg Bonds, Ser 2003F (Bond Market Association Index), 0.070%, 4-7-21 (A)	\$ 3,000	3,000
<b>TOTAL MUNICIPAL OBLIGATIONS – 1.5%</b>		<b>\$3,000</b>
(Cost: \$3,000)		

<b>UNITED STATES GOVERNMENT AND GOVERNMENT AGENCY OBLIGATIONS</b>	<b>Principal</b>	<b>Value</b>
<b>Treasury Bills (C) – 38.1%</b>		
<b>U.S. Treasury Bills:</b>		
0.080%, 4-15-21	\$ 2,000	\$ 2,000
0.080%, 4-29-21	4,900	4,900
0.060%, 5-6-21	6,000	5,999
0.030%, 5-13-21	3,000	3,000
0.040%, 5-20-21	5,000	5,000
0.070%, 5-27-21	4,900	4,899
0.030%, 6-17-21	5,000	5,000
<b>U.S. Treasury Cash Management Bills:</b>		
0.090%, 4-6-21	4,000	4,000
0.100%, 4-13-21	10,000	10,000
0.090%, 4-20-21	5,000	5,000
0.070%, 4-27-21	8,000	7,999
0.090%, 5-4-21	11,000	10,999
0.040%, 6-1-21	6,000	5,999
0.050%, 7-13-21	1,000	1,000
		<u>75,795</u>
<b>Treasury Notes – 0.5%</b>		
<b>U.S. Treasury Notes (3-Month USTMMR plus 30 bps),</b>		
0.320%, 4-1-21 (A)	1,000	1,000
<b>United States Government Agency Obligations – 57.2%</b>		
<b>U.S. International Development Finance Corp. (GTD by U.S. Government):</b>		
0.150%, 8-11-21	1,500	1,500
0.300%, 11-15-21	2,500	2,500

<b>UNITED STATES GOVERNMENT AND GOVERNMENT AGENCY OBLIGATIONS (Continued)</b>	<b>Principal</b>	<b>Value</b>
<b>United States Government Agency Obligations (Continued)</b>		
<b>U.S. International Development</b>		
<b>Finance Corp. (GTD by U.S. Government) (3-Month U.S. TB Rate):</b>		
0.090%, 4-7-21 (A)	\$ 54,908	\$ 54,908
0.100%, 4-7-21 (A)	48,056	48,056
0.110%, 4-7-21 (A)	2,900	2,900
1.000%, 4-9-21	1,000	1,000
0.260%, 9-30-21	2,700	2,700
		<u>113,564</u>
<b>TOTAL UNITED STATES GOVERNMENT AND GOVERNMENT AGENCY OBLIGATIONS – 95.8%</b>		<b>\$190,359</b>
(Cost: \$190,359)		
<b>TOTAL INVESTMENT SECURITIES – 100.3%</b>		<b>\$199,287</b>
(Cost: \$199,287)		
<b>LIABILITIES, NET OF CASH AND OTHER</b>		
<b>ASSETS – (0.3)%</b>		<b>(583)</b>
<b>NET ASSETS – 100.0%</b>		<b>\$198,704</b>

**Notes to Schedule of Investments**

(A) Variable rate security. Interest rate disclosed is that which is in effect at March 31, 2021. Date shown represents the date that the variable rate resets. Description of the reference rate and spread, if applicable, are included in the security description.

(B) Rate shown is the annualized 7-day yield at March 31, 2021.

(C) Rate shown is the yield to maturity at March 31, 2021.

The following table is a summary of the valuation of the Fund's investments by the fair value hierarchy levels as of March 31, 2021. See Note 3 to the Financial Statements for further information regarding fair value measurement.

<b>Assets</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>
<b>Investments in Securities</b>			
Corporate Obligations	\$ 4,928	\$ 1,000	\$ —
Municipal Obligations	—	3,000	—
United States Government and Government Agency Obligations	—	190,359	—
<b>Total</b>	<b>\$ 4,928</b>	<b>\$ 194,359</b>	<b>\$ —</b>

The following acronyms are used throughout this schedule:

GTD = Guaranteed

LIBOR = London Interbank Offered Rate

TB = Treasury Bill

USTMMR = U.S. Treasury Money Market Rate

See Accompanying Notes to Financial Statements.

[Table of Contents](#)**MANAGEMENT DISCUSSION****IVY HIGH INCOME FUND**

(UNAUDITED)



Chad A. Gunther

*Below, Chad Gunther, portfolio manager of Ivy High Income Fund, discusses positioning, performance and results for the fiscal year ended March 31, 2021. Mr. Gunther has managed the Fund since July 2014 and has 23 years of industry experience.*

**Fiscal Year Performance**

For the 12 Months Ended March 31, 2021

<b>Ivy High Income Fund (Class A shares at net asset value)</b>	28.16%
<b>Ivy High Income Fund (Class A shares including sales charges)</b>	24.99%
<b>Benchmark and Morningstar Category</b>	
<b>ICE BofA US High Yield Index</b>	23.31%
(generally reflects the performance of securities representing the high-yield sector of the bond market)	
<b>Morningstar High Yield Bond Category Average</b>	21.79%
(generally reflects the performance of the universe of funds with similar investment objectives)	

*Please note that Fund returns include applicable fees and expenses while index returns do not include any such fees. The performance discussion below is based on net asset value (NAV).*

**Market Update**

In order to properly set the stage to understand fiscal year 2020, we would be remiss to not mention the last month of fiscal year 2019 (March 2020). This was the month where life, as most people knew it, changed forever as reality began to sink in about the start of a global pandemic. The S&P 500 Index declined 34% by March 23, 2020, while high yield credit spreads widened from 364 basis points (bps) to 1,085 bps and returns over the same timeframe declined by approximately 24%.

With that as the backdrop when fiscal 2020 began, little did market participants know that spreads for the high yield asset class had already peaked. By fiscal year end in March 2021, spreads had completely recovered the widening from the pandemic and ended the period at 336 bps after starting the fiscal year at 877 bps. The rally in credit spreads can be directly attributed to the Federal Reserve (Fed) announcement of several wide-ranging facilities aimed at stabilizing and providing liquidity to markets. The Fed implicitly took on the role of market liquidity provider of last resort, which substantially reduced the tail risk of a Great Depression-type scenario for both the economy and markets.

Throughout the first half of the fiscal year interest rates remained anchored around 60 bps on the 10-year U.S. Treasury bond. As we entered the third quarter of the fiscal year and the election outcome became ever more certain and two vaccines received emergency use authorization, rates started to gradually move closer to 1% before making a large move to 1.74% by fiscal year end.

New issue activity during the fiscal period was historic. In fact, five of the seven most active months on record occurred during the past year. For fiscal year 2020, high yield new issue volume totaled \$537 billion, while leveraged loan new issuance followed a similar trend with \$524 billion of issuance.

Fund flows into the high yield asset class during the fiscal year totaled an impressive \$50 billion, although the majority was received in the first quarter of the fiscal year. More recently, flows have turned slightly negative as rate volatility has made investors skittish over where to put their fixed income dollars. Flows for the leveraged loan asset class were essentially flat for the year. However, the fourth quarter of the fiscal year showed an impressive \$11.1 billion into the asset class as expectations for a major rebound in global growth and higher inflation along with higher rates have drawn investors into the asset class.

Amid the global pandemic, default activity picked up significantly during the fiscal year. The period had the second highest volume total on record — 88 companies defaulted with debt totaling \$129.6 billion in bonds and loans, while an additional 21 companies completed distressed transactions totaling \$11.8 billion. Energy, retail and two large defaults in the telecommunications and cable sectors led the way.

**Portfolio Positioning and Performance**

The Fund's mix between bonds, leveraged loans and other investments started 2020 at 66%, 27% (21% first liens, 6% second liens) and 4%, respectively. We ended the year with roughly the same mix. In previous communications, we said we have maintained our exposure to leveraged loans as we thought they continued to offer attractive yields relative to their seniority in the capital structure. With yields so low across all asset classes, leveraged loans look attractive from a relative value standpoint as well as from their seniority in the capital structure. From a technical perspective, as rates have started to rise, the leveraged loan asset class has been one of the select few with inflows. Because of their floating nature, leveraged loans

[Table of Contents](#)

have little interest rate risk and their prices are unlikely to decline like other fixed income investment alternatives as rates rise.

The Fund outperformed both the ICE BofA US High Yield Index and its Morningstar peer group average. The Fund's loan and bond exposure both aided the Fund's relative performance.

Credits in the bond portfolio that were standouts in terms of positive performance were West Corp., Targa Resources and Digicel. Top contributors in the loan portfolio were Foresight Energy and Jo-Ann's stores that ultimately went through an initial public offering on March 11, 2021. Key detractors for the fiscal year were mainly loan holdings, including Northwest Fiber term loan, Dynacast term loan and Larchmont term loan. While most had positive absolute returns for the year, they trailed the benchmark's return.

## Outlook

In our quarterly outlook at the end of calendar year 2020, we stated that credit markets were wide open to those wishing to issue debt and at absolute yields that were the lowest in history. We also observed that the vaccine rollout was just beginning but looked to have a high probability of being ramped up and successful by the end of May or June 2021. We believe both characterizations remain true and continue to drive the credit and equity markets tighter (in terms of spreads) and higher (in terms of overall prices), respectively.

As investors have started to see the light at the end of the COVID-19 tunnel and economic activity has started to accelerate, rates have moved up quickly with the 10-year U.S. Treasury rate increasing 76 bps so far this year. With vaccinations ramping to over three million per day on average, herd immunity should be upon us mid-to-late summer. If we remain on this track and variants of the virus remain under control, we think the Federal Reserve (Fed)'s stance on accommodative policy for the foreseeable future will become increasingly debated. This will most likely lead to a continued march higher in rates. Longer term, we believe the Fed is more worried about deflation than inflation and will want to see solid data on inflation before tapering purchases and ultimately raising the federal funds rate some time in 2022.

High yield credit has shrugged off the increase in rates with positive returns year to date. It is our view that rising rates aren't necessarily a bad thing for high yield credit. Higher rates normally are accompanied by improving economic growth, better corporate profits and lower unemployment, all of which leads to levered companies being able to better service their debt obligations as the economy recovers.

We continue to have an outsized weighting to leverage loans which should serve us well as they have low interest rate risk and their seniority in the capital structure makes them less susceptible to price declines. Loans have also benefitted from a technical tail wind this year as the asset class has seen inflows of \$11 billion.

We acknowledge that with spreads and yields being at or near historical lows, finding great risk reward investments is increasingly difficult. We have passed on opportunities where the compensation, i.e. coupon, has not fit the risk. We will continue to let our fundamental research drive our investment decisions with a laser focus on making sure we are being compensated for the risks we are taking.

**Performance shown at NAV does not include the effect of sales charges. If reflected, the performance shown would have been lower. Performance including sales charges reflects the maximum applicable front-end sales load and thus the lowest possible performance after sales charges; your sales charges could be lower.**

**Past performance is not a guarantee of future results. As with any mutual fund, the value of the Fund's shares will change, and you could lose money on your investment.**

**Fixed-income securities are subject to interest rate risk and, as such, the Fund's net asset value may fall as interest rates rise. Investing in high-income securities may carry a greater risk of non-payment of interest or principal than higher-rated bonds. In addition to the risks typically associated with fixed-income securities, loan participations in which the Fund may invest carry other risks including the risk of insolvency of the lending bank or other intermediary. Loan participations may be unsecured or not fully collateralized, may be subject to restrictions on resale and sometimes trade infrequently on the secondary market. These and other risks are more fully described in the Fund's prospectus.**

**The opinions expressed in this report are those of the Fund's portfolio manager and are current only through the end of the period of the report as stated on the cover. The portfolio manager's views are subject to change at any time based on market and other conditions, and no forecasts can be guaranteed.**

**The index noted is unmanaged, includes reinvested dividends, and does not include fees. One cannot invest directly in an index, nor is an index representative of the Ivy High Income Fund.**

[Table of Contents](#)**PORTFOLIO HIGHLIGHTS****IVY HIGH INCOME FUND**

ALL DATA IS AS OF MARCH 31, 2021 (UNAUDITED)

**Asset Allocation**

<b>Stocks</b>	<b>6.9%</b>
Consumer Discretionary	4.5%
Energy	2.3%
Financials	0.1%
Consumer Staples	0.0%
Industrials	0.0%
<b>Warrants</b>	<b>0.0%</b>
<b>Bonds</b>	<b>91.0%</b>
Corporate Debt Securities	65.6%
Loans	25.4%
<b>Liabilities (Net of Cash and Other Assets), and Cash Equivalents+</b>	<b>2.1%</b>

**Quality Weightings**

<b>Investment Grade</b>	<b>0.5%</b>
BBB	0.5%
<b>Non-Investment Grade</b>	<b>90.5%</b>
BB	6.1%
B	45.0%
CCC	35.0%
Below CCC	1.0%
Non-rated	3.4%
<b>Liabilities (Net of Cash and Other Assets), Cash Equivalents+ and Equities</b>	<b>9.0%</b>

*Our preference is to always use ratings obtained from Standard & Poor's, Moody's, and Fitch. It is each Portfolio's general policy to classify such security at the lower rating level if only two ratings are available. If more than two ratings are available and a median exists, the median is used. If more than two ratings exist without a median, the lower of the two middle ratings is used. We do not evaluate these ratings, but simply assign them to the appropriate credit quality category as determined by the rating agency.*

*+Cash equivalents are defined as highly liquid securities with maturities of less than three months. Cash equivalents may include U.S. Government Treasury bills, bank certificates of deposit, bankers' acceptances, corporate commercial paper and other money market instruments.*

[Table of Contents](#)**COMPARISON OF CHANGE IN VALUE OF \$10,000 INVESTMENT****IVY HIGH INCOME FUND**

(UNAUDITED)



Please note that the performance of the Fund's other share classes will be greater or less than the performance shown above for Class A based on the differences in loads and fees paid by shareholders investing in the different classes.

(1) The value of the investment in the Fund is impacted by the sales load at the time of the investment and by the ongoing expenses of the Fund and assumes reinvestment of dividends and distributions.

Average Annual Total Return <sup>(2)</sup>	Class A <sup>(3)</sup>	Class B <sup>(4)</sup>	Class C	Class E <sup>(3)</sup>	Class I	Class N	Class R	Class Y
1-year period ended 3-31-21	24.99%	23.22%	27.28%	24.90%	28.44%	28.63%	27.67%	28.17%
5-year period ended 3-31-21	7.51%	7.09%	7.30%	7.34%	8.32%	8.49%	7.68%	8.07%
10-year period ended 3-31-21	6.09%	5.72%	5.77%	5.82%	6.62%	—	—	6.37%
Since Inception of Class through 3-31-21 <sup>(5)</sup>	—	—	—	—	—	5.11%	5.10%	—

(2) Data quoted is past performance and is based on deduction of the maximum applicable sales load for each of the periods. Current performance may be lower or higher. Past performance is no guarantee of future results. Investment return and principal value of an investment will fluctuate and shares, when redeemed, may be worth more or less than their original cost. Please visit [www.ivyinvestments.com](http://www.ivyinvestments.com) for the Fund's most recent month end performance. Class A and Class E Shares carry a maximum front-end sales load of 2.50%<sup>(a)</sup> and 2.50%, respectively. Class B and Class C shares carry a maximum contingent deferred sales charge (CDSC) of 5% and 1%, respectively (the Class C shares reflect no CDSC since it only applies to Class C shares redeemed within twelve months after purchase). Class I, Class N, Class R and Class Y shares are not subject to sales charges.

(3) Class A shares carry a CDSC on shares purchased at net asset value for \$1 million or more that are subsequently redeemed within 12 months of purchase. Effective October 1, 2020, Class A shares carry a CDSC on shares purchased at net asset value for \$500,000 or more that are subsequently redeemed within 12 months of purchase. Class E shares carry a CDSC on shares purchased at net asset value for \$250,000 or more that are subsequently redeemed within 12 months of purchase.

(4) Class B shares are not currently available for direct investment. However, they are available for dividend reinvestment and exchange of the same class shares of another Ivy Fund.

(5) 7-31-14 for Class N shares and 12-19-12 for Class R shares (the date on which shares were first acquired by shareholders).

Past performance is not necessarily indicative of future performance. Indexes are unmanaged. The performance graph and table do not reflect the deduction of taxes that a shareholder would pay on Fund distributions or on the redemption of Fund shares. Performance results may include the effect of expense reduction arrangements for some or all of the periods shown. If those arrangements had not been in place, the performance results for those periods would have been lower.

(a) Effective October 1, 2020, the maximum applicable sales charge for Class A shares has been lowered to 2.50% from 5.75%.

[Table of Contents](#)**SCHEDULE OF INVESTMENTS****IVY HIGH INCOME FUND** (in thousands)

MARCH 31, 2021

<b>COMMON STOCKS</b>	<b>Shares</b>	<b>Value</b>	<b>COMMON STOCKS (Continued)</b>	<b>Shares</b>	<b>Value</b>	<b>CORPORATE DEBT SECURITIES</b>	<b>Principal</b>	<b>Value</b>
<b>Consumer Discretionary</b>			<b>Industrials</b>			<b>(Continued)</b>		
Apparel Retail – 0.1%			Air Freight & Logistics – 0.0%			Cable & Satellite (Continued)		
True Religion Apparel, Inc. (A)(B)(C)(D)	—*	\$ 5,122	BIS Industries Ltd. (B)(C)(D)(E)	19,683	\$ —*	CSC Holdings LLC,		
						5.750%, 1–15–30 (H)	\$ 7,623	\$ 8,029
Casinos & Gaming – 2.7%			<b>Total Industrials – 0.0%</b>		<b>—*</b>	DISH DBS Corp.:		
New Cotai Participation Corp., Class B (A)(C)(D)(E)	20,316	74,765	<b>TOTAL COMMON STOCKS – 5.6%</b>		<b>\$243,159</b>	5.875%, 11–15–24	11,208	11,722
Studio City International Holdings Ltd. ADR (A)	2,268	29,936	(Cost: \$464,445)			7.750%, 7–1–26	17,979	19,844
Studio City International Holdings Ltd. ADR (A)(E)	934	12,333	<b>PREFERRED STOCKS</b>			7.375%, 7–1–28	3,751	3,935
		<u>117,034</u>	<b>Consumer Discretionary</b>			LCPR Senior Secured Financing		
Education Services – 1.6%			Apparel Retail – 0.1%			Designated Activity Co.,		
Laureate Education, Inc., Class A (A)	5,108	69,417	True Religion Apparel, Inc. (A)(B)(C)	—*	2,051	5.125%, 7–15–29 (H)	4,350	4,427
<b>Total Consumer Discretionary – 4.4%</b>		<b>191,573</b>	<b>Total Consumer Discretionary – 0.1%</b>		<b>2,051</b>	Ligado Networks LLC (15.500% Cash or 15.500% PIK),		
<b>Consumer Staples</b>			<b>Energy</b>			15.500%, 11–1–23 (H)(I)	30,731	30,741
Agricultural Products – 0.0%			Oil & Gas Exploration & Production – 1.2%			Ligado Networks LLC (17.500% Cash or 17.500% PIK),		
Pinnacle Agriculture Enterprises LLC (A)(B)(D)(E)	130	—*	Targa Resources Corp., 9.500% (E)	47	49,693	17.500%, 5–1–24 (H)(I)(J)	2,172	1,760
Food Distributors – 0.0%			<b>Total Energy – 1.2%</b>		<b>49,693</b>	VTR Comunicaciones S.p.A.,		
ASG Warrant Corp. (A)(B)(C)(D)(E)	20	—*	<b>TOTAL PREFERRED STOCKS – 1.3%</b>		<b>\$ 51,744</b>	4.375%, 4–15–29 (H)	14,811	14,870
		<u>—*</u>	(Cost: \$59,203)			VTR Finance B.V.,		
<b>Total Consumer Staples – 0.0%</b>		<b>—*</b>	<b>WARRANTS</b>			6.375%, 7–15–28 (H)	5,206	5,622
<b>Energy</b>			<b>Oil &amp; Gas Exploration &amp; Production – 0.0%</b>					<u>237,380</u>
Coal & Consumable Fuels – 0.4%			California Resources Corp., expires 10–27–24 (G)	40	183	<b>Integrated Telecommunication Services – 6.1%</b>		
Foresight Energy L.P. (A)(C)(D)(E)	1,117	17,029	<b>Total Warrants – 0.0%</b>		<b>\$ 183</b>	Cablevision Lightpath LLC,		
Westmoreland Coal Co. (A)(B)	212	742	(Cost: \$3,503)			5.625%, 9–15–28 (H)	5,888	5,975
		<u>17,771</u>	<b>CORPORATE DEBT SECURITIES</b>			Consolidated Communications, Inc.:		
Oil & Gas Drilling – 0.3%			<b>Communication Services</b>			5.000%, 10–1–28 (H)	5,170	5,210
KCA Deutag UK Finance plc (A)(B)(D)	164	10,750	Advertising – 0.7%			6.500%, 10–1–28 (H)	11,218	12,117
Vantage Drilling Co., Units (A)	5	17	Advantage Sales & Marketing, Inc.,			Frontier Communications Corp.:		
		<u>10,767</u>	6.500%, 11–15–28 (H)	\$ 27,729	28,838	6.875%, 1–15–25 (F)	33,503	21,693
Oil & Gas Equipment & Services – 0.1%			Broadcasting – 1.3%			11.000%, 9–15–25 (F)	51,015	34,882
Larchmont Resources LLC (A)(B)(C)(D)(E)	18	734	Clear Channel International B.V.,			5.875%, 10–15–27 (H)	18,513	19,624
McDermott International, Inc. (A)	3,610	2,888	6.625%, 8–1–25 (H)	2,812	2,939	6.750%, 5–1–29 (H)	7,055	7,441
		<u>3,622</u>	Clear Channel Outdoor Holdings, Inc.:			Northwest Fiber LLC,		
Oil & Gas Exploration & Production – 0.3%			5.125%, 8–15–27 (H)	30,428	30,603	10.750%, 6–1–28 (H)	6,401	7,231
Bellatrix Exploration Ltd. (A)(B)(C)(D)(F)	2,856	—*	7.750%, 4–15–28 (H)	9,418	9,314	Northwest Fiber LLC and Northwest		
California Resources Corp. (A)	221	5,311	Clear Channel Worldwide Holdings, Inc.,			Fiber Finance Sub, Inc.,		
EP Energy Corp. (A)(B)(E)	127	9,429	9.250%, 2–15–24	11,565	12,031	6.000%, 2–15–28 (H)	7,848	7,829
Sabine Oil & Gas Corp. (A)(B)(E)	5	26			<u>54,887</u>	West Corp.,		
		<u>14,766</u>	Cable & Satellite – 5.6%			8.500%, 10–15–25 (H)	92,721	93,996
<b>Total Energy – 1.1%</b>		<b>46,926</b>	Altice France Holding S.A.:			Windstream Escrow LLC,		
<b>Financials</b>			10.500%, 5–15–27 (H)	57,037	64,151	7.750%, 8–15–28 (H)	42,568	43,352
Specialized Finance – 0.1%			6.000%, 2–15–28 (H)	33,946	33,446		<u>259,350</u>	
Maritime Finance Co. Ltd. (A)(B)(C)(D)(E)	1,750	4,660	Altice France S.A.,			Interactive Media & Services – 0.3%		
		<u>4,660</u>	8.125%, 2–1–27 (H)	35,428	38,833	Cars.com, Inc.,		
<b>Total Financials – 0.1%</b>		<b>4,660</b>				6.375%, 11–1–28 (H)	11,085	11,556
						Publishing – 0.5%		
						MDC Partners, Inc.,		
						7.500%, 5–1–24 (H)(K)	19,021	19,306
						<b>Wireless Telecommunication Service – 3.6%</b>		
						Digicel Group Ltd.,		
						8.750%, 5–25–24 (H)	8,139	8,394
						Digicel Group Ltd. (5.000% Cash and 3.000% PIK),		
						8.000%, 4–1–25 (H)(I)	6,632	5,471
						Digicel Group Ltd. (7.000% Cash or 7.000% PIK),		
						7.000%, 10–1–68 (H)(I)(J)	3,114	2,272

2021 ANNUAL REPORT 55

[Table of Contents](#)**SCHEDULE OF INVESTMENTS****IVY HIGH INCOME FUND** (in thousands)

MARCH 31, 2021

CORPORATE DEBT SECURITIES (Continued)			CORPORATE DEBT SECURITIES (Continued)			CORPORATE DEBT SECURITIES (Continued)		
	Principal	Value		Principal	Value		Principal	Value
Wireless Telecommunication Service (Continued)			Department Stores – 0.6%			Specialty Stores (Continued)		
Digicel International Finance Ltd.:			NMG Holding Co. and Nieman Marcus Group LLC,			Bed Bath & Beyond, Inc.,		
8.750%, 5–25–24 (H)	\$ 51,789	\$ 53,408	7.125%, 4–1–26 (H)	\$ 3,954	\$ 4,033	5.165%, 8–1–44	\$ 7,380	\$ 6,723
8.000%, 12–31–26 (H)	7,324	7,067	Nordstrom, Inc.:			Michaels Stores, Inc.:		
Digicel International Finance Ltd.			4.375%, 4–1–30 (J)	10,547	10,797	8.000%, 7–15–27 (H)	9,650	10,663
(6.000% Cash and 7.000% PIK),			5.000%, 1–15–44	9,963	<u>9,677</u>	4.750%, 10–1–27 (H)	3,704	4,028
13.000%, 12–31–25 (H)(I)	3,997	4,017				Party City Holdings, Inc.,		
Digicel International Finance Ltd.			Education Services – 1.0%			8.750%, 2–15–26 (H)	17,265	17,783
(8.000% Cash and 2.000% PIK or			Adtalem Global Education, Inc.,			Party City Holdings, Inc. (5.000%		
10.000% PIK),			5.500%, 3–1–28 (H)	44,298	<u>43,736</u>	Cash and 5.000% PIK)		
10.000%, 4–1–24 (I)	35,838	34,870	Hotels, Resorts & Cruise Lines – 1.9%			10.000%, 8–15–26 (H)(I)	1,308	1,282
Digicel Ltd.,			Boyne USA, Inc.,			Party City Holdings, Inc. (6-Month		
6.750%, 3–1–23 (H)	42,453	<u>38,845</u>	7.250%, 5–1–25 (H)	7,875	8,186	U.S. LIBOR plus 500 bps),		
		<u>154,344</u>	Carnival Corp.:			5.750%, 7–15–25 (H)(L)	2,356	2,167
			11.500%, 4–1–23 (H)	8,513	9,758	PetSmart, Inc. and PetSmart		
<b>Total Communication Services – 18.1%</b>		<b>765,661</b>	10.500%, 2–1–26 (H)	1,673	1,968	Finance Corp.:		
Consumer Discretionary			7.625%, 3–1–26 (H)	3,688	3,962	4.750%, 2–15–28 (H)	18,447	18,866
Apparel Retail – 0.6%			9.875%, 8–1–27 (H)	7,429	8,747	7.750%, 2–15–29 (H)	15,690	16,984
Abercrombie & Fitch Management Co.			NCL Corp. Ltd.:			Staples, Inc.:		
(GTD by Abercrombie & Fitch Co.),			12.250%, 5–15–24 (H)	13,680	16,572	7.500%, 4–15–26 (H)	94,192	99,349
8.750%, 7–15–25 (H)	13,126	14,504	10.250%, 2–1–26 (H)	8,932	10,480	10.750%, 4–15–27 (H)	40,761	<u>40,252</u>
L Brands, Inc.:			5.875%, 3–15–26 (H)	3,694	3,731			<u>237,540</u>
9.375%, 7–1–25 (H)	3,365	4,190	POWDR Corp.,			<b>Total Consumer Discretionary – 16.1%</b>		<b>691,540</b>
6.625%, 10–1–30 (H)	7,407	<u>8,457</u>	6.000%, 8–1–25 (H)	3,719	3,919	Consumer Staples		
		<u>27,151</u>	Royal Caribbean Cruises Ltd.,			Packaged Foods & Meats – 0.9%		
			5.500%, 4–1–28 (H)	14,897	<u>14,971</u>	Pilgrim's Pride Corp.,		
Auto Parts & Equipment – 0.0%					<u>82,294</u>	4.250%, 4–15–31 (H)	22,337	22,253
Tenneco, Inc.,			Internet & Direct Marketing Retail – 1.0%			Post Holdings, Inc.,		
7.875%, 1–15–29 (H)(J)	738	<u>828</u>	Arches Buyer, Inc.:			4.500%, 9–15–31 (H)	7,375	7,294
Automotive Retail – 1.0%			4.250%, 6–1–28 (H)	22,142	22,102	Simmons Foods, Inc.,		
Asbury Automotive Group, Inc.:			6.125%, 12–1–28 (H)	19,607	<u>20,195</u>	4.625%, 3–1–29 (H)	7,389	<u>7,454</u>
4.500%, 3–1–28	12,173	12,452			<u>42,297</u>		<u>37,001</u>	
4.750%, 3–1–30	12,624	13,040	Leisure Facilities – 0.9%			<b>Total Consumer Staples – 0.9%</b>		<b>37,001</b>
Ken Garff Automotive LLC,			Cedar Fair L.P., Magnum Management			Energy		
4.875%, 9–15–28 (H)	3,703	3,699	Corp., Canada's Wonderland Co. and			Oil & Gas Drilling – 0.3%		
Lithia Motors, Inc.,			Millennium Operations LLC:			KCA Deutag UK Finance plc,		
4.375%, 1–15–31 (H)	5,922	6,147	5.375%, 4–15–27	14,238	14,594	9.875%, 12–1–25	8,217	9,047
Sonic Automotive, Inc.,			6.500%, 10–1–28 (H)	5,923	6,367	Offshore Drilling Holding S.A.,		
6.125%, 3–15–27	6,881	<u>7,156</u>	Legends Hospitality Holding Co. LLC,			8.375%, 9–20–20 (F)(H)(K)	64,569	<u>5,811</u>
		<u>42,494</u>	5.000%, 2–1–26 (H)	2,216	2,255			<u>14,858</u>
Casinos & Gaming – 3.1%			Live Nation Entertainment, Inc.,			Oil & Gas Equipment & Services – 0.1%		
Boyd Gaming Corp.,			4.750%, 10–15–27 (H)	13,101	13,199	Nine Energy Service, Inc.,		
4.750%, 12–1–27	11,367	11,586	Six Flags Theme Parks, Inc.,			8.750%, 11–1–23 (H)	11,591	<u>3,477</u>
Colt Merger Sub, Inc.:			7.000%, 7–1–25 (H)	1,496	<u>1,618</u>			
6.250%, 7–1–25 (H)	15,005	15,996			<u>38,033</u>	Oil & Gas Exploration & Production – 3.5%		
8.125%, 7–1–27 (H)	23,479	25,891	Specialized Consumer Services – 0.5%			Ascent Resources Utica Holdings		
Everi Payments, Inc.,			Nielsen Finance LLC and Nielsen			LLC and ARU Finance Corp.:		
7.500%, 12–15–25 (H)	20,078	20,889	Finance Co.:			7.000%, 11–1–26 (H)	8,858	8,852
Gateway Casinos & Entertainment			5.625%, 10–1–28 (H)	11,107	11,676	8.250%, 12–31–28 (H)	739	769
Ltd.,			5.875%, 10–1–30 (H)	9,256	<u>10,031</u>	Bellatrix Exploration Ltd.,		
8.250%, 3–1–24 (H)	5,390	5,134			<u>21,707</u>	8.500%, 9–11–23 (C)(F)	6,693	—*
Golden Nugget, Inc.,			Specialty Stores – 5.5%			Bellatrix Exploration Ltd. (3.000%		
6.750%, 10–15–24 (H)	34,668	35,055	Academy Ltd.,			Cash or 9.500% PIK),		
Wynn Macau Ltd.:			6.000%, 11–15–27 (H)	18,473	19,443	9.500%, 12–15–23 (C)(F)(I)	7,293	—*
4.875%, 10–1–24 (H)	1,889	1,915				Chesapeake Escrow Issuer LLC:		
5.500%, 10–1–27 (H)	13,880	<u>14,487</u>				5.500%, 2–1–26 (H)	7,380	7,682
		<u>130,953</u>				5.875%, 2–1–29 (H)	5,535	5,867

[Table of Contents](#)**SCHEDULE OF INVESTMENTS****IVY HIGH INCOME FUND** (in thousands)

MARCH 31, 2021

CORPORATE DEBT SECURITIES (Continued)			CORPORATE DEBT SECURITIES (Continued)			CORPORATE DEBT SECURITIES (Continued)		
	Principal	Value		Principal	Value		Principal	Value
Oil & Gas Exploration & Production (Continued)			Property & Casualty Insurance (Continued)			Industrials		
Continental Resources, Inc., 5.750%, 1-15-31 (H)	\$ 7,388	\$ 8,347	Highlands Holdings Bond Issuer Ltd. and Highlands Holdings Bond Co-Issuer, Inc. (7.625% Cash or 8.375% PIK), 7.625%, 10-15-25 (H)(I)	\$ 18,483	\$ 19,823	Aerospace & Defense – 4.5%		
Crownrock L.P., 5.625%, 10-15-25 (H)	41,592	42,433			<u>37,369</u>	TransDigm UK Holdings plc, 6.875%, 5-15-26	\$ 13,157	\$ 13,848
Endeavor Energy Resources L.P., 5.500%, 1-30-26 (H)	15,582	16,171	Specialized Finance – 2.6%			TransDigm, Inc. (GTD by TransDigm Group, Inc.):		
Endeavor Energy Resources L.P. and EER Finance, Inc., 6.625%, 7-15-25 (H)	3,958	4,230	BCPE Cycle Merger Sub II, Inc., 10.625%, 7-15-27 (H)	30,481	33,529	6.375%, 6-15-26	13,934	14,404
Laredo Petroleum, Inc.: 9.500%, 1-15-25	22,631	21,784	Compass Group Diversified Holdings LLC:			7.500%, 3-15-27	15,351	16,349
10.125%, 1-15-28	15,088	14,462	8.000%, 5-1-26 (H)	41,630	43,549	5.500%, 11-15-27	37,552	38,871
Murphy Oil Corp., 6.375%, 7-15-28	2,957	2,959	5.250%, 4-15-29 (H)	29,543	<u>30,974</u>	4.625%, 1-15-29 (H)	7,388	7,285
Range Resources Corp., 8.250%, 1-15-29 (H)	738	790			<u>108,052</u>	Wolverine Escrow LLC:		
Vine Energy Holdings LLC, 6.750%, 4-15-29	14,900	<u>14,900</u>	Thrifts & Mortgage Finance – 0.7%			8.500%, 11-15-24 (H)	39,709	39,610
		<u>149,246</u>	Provident Funding Associates L.P. and PFG Finance Corp., 6.375%, 6-15-25 (H)	29,262	<u>29,190</u>	9.000%, 11-15-26 (H)	59,511	59,454
						13.125%, 11-15-27 (H)	4,540	<u>3,904</u>
			<b>Total Financials – 7.6%</b>		<b>319,244</b>			<u>193,725</u>
			Health Care			Building Products – 0.3%		
Oil & Gas Refining & Marketing – 2.6%			Health Care Facilities – 2.2%			CP Atlas Buyer, Inc., 7.000%, 12-1-28 (H)	5,324	5,596
Callon Petroleum Co. (GTD by Callon Petroleum Operating Co.):			Community Health Systems, Inc., 6.875%, 4-15-29 (H)	3,141	3,288	Park River Holdings, Inc., 5.625%, 2-1-29 (H)	7,805	<u>7,561</u>
6.125%, 10-1-24	8,071	6,861	Providence Service Corp. (The), 5.875%, 11-15-25 (H)	11,100	11,683			<u>13,157</u>
9.000%, 4-1-25 (H)	1,481	1,502	RegionalCare Hospital Partners Holdings, Inc. and Legend Merger Sub, Inc., 9.750%, 12-1-26 (H)	31,191	33,764	Diversified Support Services – 1.1%		
Comstock Escrow Corp., 9.750%, 8-15-26	53,497	58,178	Surgery Center Holdings, Inc., 10.000%, 4-15-27 (H)	37,638	<u>41,496</u>	Ahern Rentals, Inc., 7.375%, 5-15-23 (H)	25,226	22,703
Comstock Resources, Inc., 6.750%, 3-1-29 (H)	11,081	11,358			<u>90,231</u>	Nesco Holdings II, Inc., 5.500%, 4-15-29 (H)	22,390	<u>22,968</u>
CVR Energy, Inc., 5.250%, 2-15-25 (H)	7,113	6,949	Health Care Services – 0.7%					<u>45,671</u>
PBF Holding Co. LLC, 9.250%, 5-15-25 (H)	25,935	<u>26,478</u>	Heartland Dental LLC, 8.500%, 5-1-26 (H)	28,417	<u>29,483</u>	Security & Alarm Services – 0.6%		
		<u>111,326</u>	Health Care Technology – 0.6%			APX Group, Inc. (GTD by APX Group Holdings, Inc.), 7.625%, 9-1-23	10,650	10,996
			Verscend Holding Corp., 9.750%, 8-15-26 (H)	23,893	<u>25,619</u>	Prime Security Services Borrower LLC and Prime Finance, Inc., 6.250%, 1-15-28 (H)	11,319	<u>11,783</u>
Oil & Gas Storage & Transportation – 0.3%								<u>22,779</u>
Crestwood Midstream Partners L.P.:			Pharmaceuticals – 1.7%			<b>Total Industrials – 6.5%</b>		<b>275,332</b>
5.750%, 4-1-25	3,691	3,711	Advanz Pharma Corp., 8.000%, 9-6-24	2,610	2,675	Information Technology		
6.000%, 2-1-29 (H)	1,476	1,454	Bausch Health Cos., Inc., 8.500%, 1-31-27 (H)	29,724	32,975	Application Software – 1.0%		
Rattler Midstream L.P., 5.625%, 7-15-25 (H)	7,438	<u>7,766</u>	P&L Development LLC and PLD Finance Corp., 7.750%, 11-15-25 (H)	18,473	19,766	J2 Global, Inc., 4.625%, 10-15-30 (H)	4,444	4,489
		<u>12,931</u>	Par Pharmaceutical, Inc., 7.500%, 4-1-27 (H)	16,977	<u>18,007</u>	Kronos Acquisition Holdings, Inc. and KIK Custom Products, Inc.: 5.000%, 12-31-26 (H)	11,011	11,011
					<u>73,423</u>	7.000%, 12-31-27 (H)	27,283	<u>26,147</u>
<b>Total Energy – 6.8%</b>		<b>291,838</b>	<b>Total Health Care – 5.2%</b>		<b>218,756</b>			<u>41,647</u>
Financials						Electronic Equipment & Instruments – 1.5%		
Insurance Brokers – 2.9%						NCR Corp.:		
Ardonagh Midco 2 plc, 11.500%, 1-15-27 (H)(J)	33,819	36,187				5.750%, 9-1-27 (H)	4,162	4,404
NFP Corp., 6.875%, 8-15-28 (H)	85,565	<u>88,773</u>				5.000%, 10-1-28 (H)	11,115	11,226
		<u>124,960</u>				5.125%, 4-15-29 (H)	40,980	41,287
Investment Banking & Brokerage – 0.5%						6.125%, 9-1-29 (H)	5,323	5,636
INTL FCStone, Inc., 8.625%, 6-15-25 (H)	18,625	<u>19,673</u>				5.250%, 10-1-30 (H)	3,706	<u>3,753</u>
Property & Casualty Insurance – 0.9%								<u>66,306</u>
Amwins Group, Inc., 7.750%, 7-1-26 (H)	16,398	17,546						

2021 ANNUAL REPORT 57

[Table of Contents](#)**SCHEDULE OF INVESTMENTS****IVY HIGH INCOME FUND** (in thousands)

MARCH 31, 2021

CORPORATE DEBT SECURITIES (Continued)			LOANS (L) (Continued)			LOANS (L) (Continued)		
	Principal	Value		Principal	Value		Principal	Value
IT Consulting & Other Services – 0.1%			Wireless Telecommunication Service – 0.3%			Specialty Stores (Continued)		
Sabre GLBL, Inc. (GTD by Sabre Holdings Corp.):			Digicel International Finance Ltd. (ICE LIBOR plus 325 bps),			Woof Holdings LLC (ICE LIBOR plus 375 bps),		
9.250%, 4–15–25 (H)	\$ 3,740	\$ 4,460	3.510%, 5–27–24	\$ 15,231	\$ 14,444	4.500%, 12–21–27	\$ 4,324	\$ 4,302
7.375%, 9–1–25 (H)	1,481	1,616						118,238
		6,076	<b>Total Communication Services – 3.7%</b>		<b>160,526</b>	Textiles – 0.6%		
Technology Hardware, Storage & Peripherals – 0.3%			Consumer Discretionary			SIWF Holdings, Inc. (ICE LIBOR plus 425 bps),		
Brightstar Escrow Corp.,			Automotive Retail – 0.1%			4.359%, 6–15–25	24,772	24,637
9.750%, 10–15–25 (H)	10,168	11,032	Midas Intermediate Holdco II LLC (ICE LIBOR plus 675 bps),	2,948	3,018			
			7.500%, 12–22–25			<b>Total Consumer Discretionary – 4.9%</b>		<b>211,791</b>
<b>Total Information Technology – 2.9%</b>		<b>125,061</b>	Casinos & Gaming – 0.1%			Energy		
Materials			New Cotai LLC (14.000% Cash or 14.000% PIK),			Coal & Consumable Fuels – 0.5%		
Commodity Chemicals – 1.2%			14.000%, 9–10–25 (C)(I)	5,695	5,831	Foresight Energy LLC (ICE LIBOR plus 800 bps),		
LSF9 Atlantis Holdings LLC and Victra Finance Corp.,			Internet & Direct Marketing Retail – 0.4%			9.500%, 6–29–27 (C)	9,347	11,495
7.750%, 2–15–26 (H)	18,454	18,884	CNT Holdings I Corp. (ICE LIBOR plus 375 bps),			Westmoreland Coal Co. (ICE LIBOR plus 650 bps),		
NOVA Chemicals Corp.:			4.500%, 11–8–27	9,251	9,225	9.250%, 3–15–22	1,958	1,932
4.875%, 6–1–24 (H)	19,673	20,558	CNT Holdings I Corp. (ICE LIBOR plus 675 bps),			Westmoreland Mining Holdings LLC (15.000% Cash or 15.000% PIK),		
5.250%, 6–1–27 (H)	10,218	10,723	7.500%, 11–6–28 (D)	9,822	9,920	15.000%, 3–15–29 (I)	16,680	8,563
		50,165			19,145			21,990
Metal & Glass Containers – 0.3%			Leisure Facilities – 0.7%			Oil & Gas Equipment & Services – 0.2%		
ARD Finance S.A. (6.500% Cash or 7.250% PIK),			United PF Holdings LLC (ICE LIBOR plus 400 bps),			Larchmont Resources LLC (9.000% Cash or 9.000% PIK),		
6.500%, 6–30–27 (H)(I)	11,358	11,926	4.203%, 12–30–26	24,216	23,332	9.000%, 8–9–21 (C)(I)	14,176	6,025
			United PF Holdings LLC (ICE LIBOR plus 850 bps),			McDermott Technology Americas, Inc. (1.115% Cash or 1.115% PIK),		
<b>Total Materials – 1.5%</b>		<b>62,091</b>	9.500%, 11–12–26 (D)	5,103	5,116	1.115%, 6–30–25 (I)	8,290	4,504
<b>TOTAL CORPORATE DEBT SECURITIES – 65.6%</b>		<b>\$2,786,524</b>			28,448			10,529
(Cost: \$2,759,972)			Restaurants – 0.1%			Oil & Gas Exploration & Production – 0.1%		
<b>LOANS (L)</b>			Zaxby's Operating Co. L.P. (1-Month ICE LIBOR plus 650 bps),			Ascent Resources Utica Holdings LLC (1-Month ICE LIBOR plus 900 bps),		
Communication Services			7.250%, 12–28–28	6,278	6,341	10.000%, 11–1–25	3,437	3,798
Advertising – 0.6%			Specialized Consumer Services – 0.1%			Oil & Gas Storage & Transportation – 0.6%		
Advantage Sales & Marketing, Inc. (ICE LIBOR plus 525 bps),			Asurion LLC (ICE LIBOR plus 525 bps),			EPIC Crude Services L.P. (ICE LIBOR plus 500 bps),		
5.469%, 10–28–27	27,756	27,682	5.359%, 2–3–28	6,027	6,133	5.260%, 3–1–26	34,228	24,844
Broadcasting – 0.8%			Specialty Stores – 2.8%			<b>Total Energy – 1.4%</b>		<b>61,161</b>
Clear Channel Outdoor Holdings, Inc. (ICE LIBOR plus 350 bps),			Bass Pro Group LLC (ICE LIBOR plus 425 bps),			Financials		
3.712%, 8–21–26	35,966	34,498	5.000%, 3–5–28	3,199	3,201	Asset Management & Custody Banks – 0.7%		
Integrated Telecommunication Services – 2.0%			Jo-Ann Stores, Inc. (ICE LIBOR plus 500 bps),			Edelman Financial Holdings II, Inc.,		
Consolidated Communications, Inc. (ICE LIBOR plus 475 bps),			6.000%, 10–16–23	40,343	40,163	0.000%, 7–20–26 (M)	3,954	3,945
5.750%, 10–2–27	10,576	10,570	PetSmart, Inc. (ICE LIBOR plus 375 bps),			Edelman Financial Holdings II, Inc. (ICE LIBOR plus 675 bps),		
West Corp. (3-Month ICE LIBOR plus 400 bps),			4.250%, 2–12–28	35,003	34,922	6.860%, 7–20–26	26,060	26,003
5.000%, 10–10–24	68,801	66,526	Staples, Inc. (ICE LIBOR plus 500 bps),					29,948
Windstream Services LLC (ICE LIBOR plus 625 bps),			5.205%, 4–12–26	33,813	32,939	Insurance Brokers – 0.8%		
7.250%, 9–21–27	6,813	6,806	Woof Holdings LLC (1-Month ICE LIBOR plus 725 bps),			Navacord Corp.:		
		83,902	8.000%, 12–21–28	2,674	2,711	0.000%, 3–16–28 (D)(M)(N)	CAD 29,564	23,584
						0.000%, 3–16–29 (D)(M)(N)	13,408	10,696
								34,280

[Table of Contents](#)**SCHEDULE OF INVESTMENTS****IVY HIGH INCOME FUND** (in thousands)

MARCH 31, 2021

<b>LOANS (L) (Continued)</b>	<b>Principal</b>	<b>Value</b>	<b>LOANS (L) (Continued)</b>	<b>Principal</b>	<b>Value</b>	<b>LOANS (L) (Continued)</b>	<b>Principal</b>	<b>Value</b>
Property & Casualty Insurance – 0.8% Amynta Agency Borrower, Inc. (ICE LIBOR plus 400 bps), 4.609%, 2–28–25	\$ 36,855	\$ 36,333	Industrial Conglomerates – 1.7% PAE Holding Corp. (ICE LIBOR plus 450 bps), 5.250%, 10–19–27	\$ 73,805	\$ 73,744	IT Consulting & Other Services – 1.2% Gainwell Acquisition Corp., 0.000%, 10–1–27 (M)	\$ 12,551	\$ 12,488
Specialized Finance – 0.6% Gulf Finance LLC (ICE LIBOR plus 525 bps), 6.250%, 8–25–23	32,872	27,142	Industrial Machinery – 1.1% Form Technologies LLC, 0.000%, 7–22–25 (M)	23,861	23,712	Gainwell Acquisition Corp. (ICE LIBOR plus 400 bps), 4.750%, 10–1–27	25,334	25,207
Lealand Finance Co. B.V., 0.000%, 6–30–24 (D)(M)	123	97	Form Technologies LLC (ICE LIBOR plus 475 bps), 5.750%, 7–22–25	23,041	<u>22,897</u>	Ivanti Software, Inc. (1-Month ICE LIBOR plus 400 bps), 4.750%, 12–1–27	3,599	3,579
Lealand Finance Co. B.V. (ICE LIBOR plus 300 bps), 3.115%, 6–30–24 (D)	441	<u>349</u>			<u>46,609</u>	Ivanti Software, Inc. (1-Month ICE LIBOR plus 475 bps), 5.750%, 12–1–27	8,726	<u>8,752</u>
		<u>27,588</u>	Research & Consulting Services – 0.4% Ankura Consulting Group LLC (ICE LIBOR plus 450 bps), 5.250%, 3–17–28 (D)	14,842	14,712			<u>50,026</u>
<b>Total Financials – 2.9%</b>		<b>128,149</b>	Ankura Consulting Group LLC (ICE LIBOR plus 800 bps), 8.750%, 3–17–29 (D)	1,970	<u>1,970</u>	<b>Total Information Technology – 5.3%</b>		<b>226,989</b>
Health Care					<u>16,682</u>	Materials		
Health Care Facilities – 0.1% Surgery Center Holdings, Inc. (ICE LIBOR plus 325 bps), 4.250%, 8–31–24	5,492	5,433	<b>Total Industrials – 4.0%</b>		<b>172,665</b>	Construction Materials – 0.8% Hillman Group, Inc. (The) (ICE LIBOR plus 350 bps), 4.109%, 5–31–25	34,179	<u>34,120</u>
Surgery Center Holdings, Inc. (ICE LIBOR plus 800 bps), 9.000%, 8–31–24	1,817	<u>1,852</u>	Information Technology			Specialty Chemicals – 0.1% NIC Acquisition Corp. (1-Month ICE LIBOR plus 375 bps), 4.500%, 12–29–27	3,692	3,689
		<u>7,285</u>	Application Software – 0.5% Applied Systems, Inc. (ICE LIBOR plus 550 bps), 6.250%, 9–19–25	19,646	19,744	NIC Acquisition Corp. (1-Month ICE LIBOR plus 775 bps), 8.001%, 12–29–28	2,354	<u>2,378</u>
Health Care Services – 2.0% Heartland Dental LLC (ICE LIBOR plus 375 bps), 3.609%, 4–30–25	37,808	37,116	Ultimate Software Group, Inc. (The) (ICE LIBOR plus 675 bps), 7.500%, 5–3–27	3,857	<u>3,944</u>			<u>6,067</u>
U.S. Renal Care, Inc. (3-Month ICE LIBOR plus 500 bps), 5.125%, 6–26–26	50,691	<u>50,358</u>			<u>23,688</u>	<b>Total Materials – 0.9%</b>		<b>40,187</b>
		<u>87,474</u>	Communications Equipment – 0.9% MLN U.S. Holdco LLC (ICE LIBOR plus 450 bps), 4.603%, 11–30–25	34,573	30,287	<b>TOTAL LOANS – 25.4%</b>		<b>\$1,104,511</b>
Pharmaceuticals – 0.2% Concordia International Corp. (ICE LIBOR plus 550 bps), 6.500%, 9–6–24	8,298	<u>8,284</u>	MLN U.S. Holdco LLC (ICE LIBOR plus 875 bps), 8.853%, 11–30–26	16,995	<u>8,296</u>	(Cost: \$1,135,981)		
		<u>103,043</u>			<u>38,583</u>	<b>SHORT-TERM SECURITIES</b>	<b>Shares</b>	
Industrials			Data Processing & Outsourced Services – 2.1% Cardtronics USA, Inc. (ICE LIBOR plus 400 bps), 5.000%, 6–29–27	12,303	12,272	Money Market Funds (P) – 4.2% Dreyfus Institutional Preferred Government Money Market Fund – Institutional Shares, 0.010% (O)	10,877	10,877
Building Products – 0.6% CP Atlas Buyer, Inc. (ICE LIBOR plus 375 bps), 4.250%, 11–23–27	21,798	21,638	CommerceHub, Inc. (1-Month ICE LIBOR plus 475 bps), 7.750%, 12–2–28	15,289	15,614	State Street Institutional U.S. Government Money Market Fund – Premier Class, 0.040%	169,006	<u>169,006</u>
Park River Holdings, Inc., 0.000%, 12–28–27 (M)	5,052	<u>5,017</u>	CommerceHub, Inc. (ICE LIBOR plus 400 bps), 4.750%, 12–2–27	14,387	14,396			<u>179,883</u>
		<u>26,655</u>	Cyxtera DC Holdings, Inc. (ICE LIBOR plus 300 bps), 8.250%, 5–1–25	20,995	20,785	<b>TOTAL SHORT-TERM SECURITIES – 4.2%</b>		<b>\$ 179,883</b>
Construction & Engineering – 0.2% WaterBridge Midstream Operating LLC, 0.000%, 6–21–26 (M)	2,222	2,103	Cyxtera DC Holdings, Inc. (ICE LIBOR plus 325 bps), 4.000%, 5–1–24	28,027	<u>26,798</u>	(Cost: \$179,883)		
WaterBridge Midstream Operating LLC (3-Month ICE LIBOR plus 575 bps), 6.750%, 6–21–26	7,263	<u>6,872</u>			<u>89,865</u>	<b>TOTAL INVESTMENT SECURITIES – 102.1%</b>		<b>\$4,366,004</b>
		<u>8,975</u>	Internet Services & Infrastructure – 0.6% Informatica LLC, 7.125%, 2–25–25	24,325	<u>24,827</u>	(Cost: \$4,605,413)		
						<b>LIABILITIES, NET OF CASH AND OTHER</b>		
						<b>ASSETS – (2.1)%</b>		<b>(91,204)</b>
						<b>NET ASSETS – 100.0%</b>		<b>\$4,274,800</b>

2021 ANNUAL REPORT 59

[Table of Contents](#)**SCHEDULE OF INVESTMENTS**IVY HIGH INCOME FUND *(in thousands)*

MARCH 31, 2021

**Notes to Schedule of Investments**

\*Not shown due to rounding.

(A) No dividends were paid during the preceding 12 months.

(B) Listed on an exchange outside the United States.

(C) Deemed to be an affiliate due to the Fund owning at least 5% of the voting securities.

(D) Securities whose value was determined using significant unobservable inputs.

(E) Restricted securities. At March 31, 2021, the Fund owned the following restricted securities:

Security	Acquisition Date(s)	Shares	Cost	Value
ASG Warrant Corp.	5-31-18	20	\$ 1,206	\$ —*
BIS Industries Ltd.	12-22-17	19,683	1,852	—*
EP Energy Corp.	10-6-20	127	2,455	9,429
Foresight Energy L.P.	6-30-20	1,117	21,918	17,029
Larchmont Resources LLC	12-8-16	18	6,189	734
Maritime Finance Co. Ltd.	9-19-13	1,750	25,496	4,660
New Cotai Participation Corp., Class B	9-29-20	20,316	194,452	74,765
Pinnacle Agriculture Enterprises LLC	3-10-17	130	22,291	—*
Sabine Oil & Gas Corp.	12-7-16	5	232	26
Studio City International Holdings Ltd. ADR	8-5-20	934	14,538	12,333
Targa Resources Corp., 9.500%	10-24-17	47	52,454	49,693
			<u>\$ 343,083</u>	<u>\$ 168,669</u>

The total value of these securities represented 3.9% of net assets at March 31, 2021.

(F) Non-income producing as the issuer has either missed its most recent interest payment or declared bankruptcy.

(G) Warrants entitle the Fund to purchase a predetermined number of shares of common stock and are non-income producing. The purchase price and number of shares are subject to adjustment under certain conditions until the expiration date, if any.

(H) Securities were purchased pursuant to an exemption from registration available under Rule 144A under the Securities Act of 1933 and may only be resold in transactions exempt from registration, normally to qualified institutional buyers. At March 31, 2021 the total value of these securities amounted to \$2,332,477 or 54.6% of net assets.

(I) Payment-in-kind bond which may pay interest in additional par and/or in cash. Rates shown are the current rate and possible payment rates.

(J) All or a portion of securities with an aggregate value of \$11,775 are on loan.

(K) Step bond that pays an initial coupon rate for the first period and then a higher or lower coupon rate for the following periods. Interest rate disclosed is that which is in effect at March 31, 2021.

(L) Variable rate security. Interest rate disclosed is that which is in effect at March 31, 2021. Description of the reference rate and spread, if applicable, are included in the security description.

(M) All or a portion of this position has not settled. Full contract rates do not take effect until settlement date.

(N) Principal amounts are denominated in the indicated foreign currency, where applicable (CAD – Canadian Dollar).

(O) Investment made with cash collateral received from securities on loan.

(P) Rate shown is the annualized 7-day yield at March 31, 2021.

The following forward foreign currency contracts were outstanding at March 31, 2021:

	Currency to be Delivered		Currency to be Received	Settlement Date	Counterparty	Unrealized Appreciation	Unrealized Depreciation
Canadian Dollar	42,251	U.S. Dollar	33,877	6-21-21	Morgan Stanley International	\$ 253	\$ —

[Table of Contents](#)**SCHEDULE OF INVESTMENTS**IVY HIGH INCOME FUND *(in thousands)*

MARCH 31, 2021

The following table is a summary of the valuation of the Fund's investments by the fair value hierarchy levels as of March 31, 2021. See Note 3 to the Financial Statements for further information regarding fair value measurement.

	Level 1	Level 2	Level 3
<b>Assets</b>			
Investments in Securities			
Common Stocks			
Consumer Discretionary	\$ 111,686	\$ —	\$ 79,887
Consumer Staples	—	—	—*
Energy	8,199	10,214	28,513
Financials	—	—	4,660
Industrials	—	—	—*
Total Common Stocks	\$ 119,885	\$ 10,214	\$ 113,060
Preferred Stocks	—	51,744	—
Warrants	183	—	—
Corporate Debt Securities	—	2,786,524	—*
Loans	—	1,038,067	66,444
Short-Term Securities	179,883	—	—
Total	\$ 299,951	\$ 3,886,549	\$ 179,504
Forward Foreign Currency Contracts	\$ —	\$ 253	\$ —

The following table is a reconciliation of Level 3 investments for which significant unobservable inputs were used to determine fair value:

	Common Stocks	Preferred Stocks	Corporate Debt	Loans
Beginning Balance 4-1-20	\$ 14,392	\$ —*	\$ —	\$ 277,146
Net realized gain (loss)	(1,524)	2	317	(3,494)
Net change in unrealized appreciation (depreciation)	(139,558)	—	(317)	17,825
Purchases	194,452	—	—	145,867
Sales	(1,238)	(2)	—	(262,936)
Amortization/Accretion of premium/discount	—	—	—	762
Transfers into Level 3 during the period	46,536	—	—	568
Transfers out of Level 3 during the period	—	—	—	(109,294)
Ending Balance 3-31-21	\$ 113,060	\$ —	\$ —*	\$ 66,444
Net change in unrealized appreciation (depreciation) for all Level 3 investments still held as of 3-31-21	\$ (141,083)	\$ —	\$ —*	\$ 515

Transfers from Level 2 to Level 3 occurred primarily due to the lack of observable market data due to decreased market activity or information for these securities. Transfers from Level 3 to Level 2 occurred primarily due to the increased availability of observable market data due to increased market activity or information.

Information about Level 3 fair value measurements:

	Fair Value at 3-31-21	Valuation Technique(s)	Unobservable Input(s)	Input Value(s)
<b>Assets</b>				
Common Stocks	\$ 734	Third-party valuation service	Broker quote	N/A
	5,122	Market approach	Adjusted EBITDA multiple	8.23x
	4,660	Market approach	Adjusted book value multiple	1.00x
	10,750	Market approach	Broker quote	N/A
	17,029	Market approach	Illiquidity discount	30.00%
	74,765	Market approach	Market premium	20.00%
Loans	66,444	Third-party vendor pricing service	Broker quotes	N/A

2021 ANNUAL REPORT 61

[Table of Contents](#)

## SCHEDULE OF INVESTMENTS

IVY HIGH INCOME FUND *(in thousands)*

MARCH 31, 2021

The following acronyms are used throughout this schedule:

ADR = American Depositary Receipts  
GTD = Guaranteed  
ICE = Intercontinental Exchange  
LIBOR = London Interbank Offered Rate  
PIK = Payment in Kind

See Accompanying Notes to Financial Statements.

62 ANNUAL REPORT 2021

[Table of Contents](#)**MANAGEMENT DISCUSSION****IVY INTERNATIONAL CORE EQUITY FUND**

(UNAUDITED)



John C. Maxwell

Below, John Maxwell, CFA, and Catherine Murray, portfolio managers of Ivy International Core Equity Fund, discuss positioning, performance and results for the fiscal year ended March 31, 2021. Mr. Maxwell has managed the Fund since February 2006 and has 29 years of industry experience. Ms. Murray was named portfolio manager in January 2017 and was previously an assistant portfolio manager on the Fund from 2014 to 2016. She has 30 years of industry experience.

**Fiscal Year Performance**

For the 12 Months Ended March 31, 2021

Ivy International Core Equity Fund (Class A shares at net asset value)	50.62%
Ivy International Core Equity Fund (Class A shares including sales charges)	45.37%

Benchmark and Morningstar Category

<b>MSCI EAFE Index</b>	44.57%
------------------------	--------

(generally reflects the performance of securities in Europe, Australasia and the Far East)

<b>Morningstar Foreign Large Blend Category Average</b>	48.07%
---	--------

(generally reflects the performance of the universe of funds with similar investment objectives)

Please note that Fund returns include applicable fees and expenses, while index returns do not include any such fees. The performance discussion below is at net asset value (NAV).



Catherine L. Murray

**A strong policy response has driven markets and a rotation to value**

The MSCI EAFE Index, the Fund's benchmark, was up 44.6% for the fiscal year after a historic drop at the start of the COVID-19 pandemic. The global pandemic that began with flight, was quickly met with fight as governments and central banks unleashed all stimulus tools at their disposal. After credit markets were sent into a liquidity frenzy, oil prices went negative and equity prices collapsed, global markets eventually began to recover and, in many cases, have hit new all-time highs.

In addition to the global pandemic, the year was quite eventful. U.S. elections were sorted, Chinese equities continued to face several new road bumps stemming from geopolitics and regulation, and the U.K. finalized a "soft" Brexit. The markets tended to shrug off bad news and celebrate good news as global asset prices continued to climb.

For over half of the fiscal year, risk appetite for growth stocks continued to increase as a result of two major circumstances: 1) lockdowns across the globe supported technology driven business models and 2) monetary and government support. The dispersion between growth and value was driven even wider and, as a result, many potential good investments were left behind. This gap, created by perceived market inefficiencies, is where we focused our energy for investors.

In recent months, international markets showed a clear rotation of leadership. In the spotlight was U.S. monetary policy and the new Biden administration's fiscal packages. Both leading to increased investor expectations for inflation. Rates increased and the market began to focus on more attractively valued and cyclical companies.

Materials was the best performing sector, after being down significantly in the pullback, followed by consumer discretionary, much of which consists of economically sensitive companies. The worst performing sector for the year was health care, up 17.4%. Consumer staples was also a relatively weak performer as defensive industries lagged in the recovery.

From a regional/country standpoint, European countries, in general, performed well. Australia also led as materials strengthened. Japan and the U.K. lagged the index. Ultimately, markets overcame one of the greatest global economic shocks as governments and central banks signaled they would bridge economies to the other side of the pandemic, giving investors the comfort to invest in risk assets.

**Portfolio review**

For the fiscal year ended March 31, 2021, the Fund posted positive absolute returns and outperformed its benchmark index and Morningstar peer group. After a long period where momentum growth stocks were the market darlings, in recent months, investors have been rewarded for valuation discipline. The best performing sectors for the Fund were energy, industrials and financials, where stock selection drove results. Holdings in Canada, the U.K. and France were best from a country standpoint. Individually, the most significant contributors were Seven Generations Energy Ltd., Class A, Zozo, Inc., and Anglo American plc. Seven Generations is a Canadian oil and gas producer that managed their business well through the early stages of the pandemic and benefitted from the recent recovery in oil prices. Zozo, a Japan-based e-commerce company, was well positioned to take advantage of the accelerated adoption of online consumption through the pandemic. Lastly, Anglo American, a materials company based in the U.K., has a large metals business, including copper and iron ore, where prices were up considerably over the last year.

2021 ANNUAL REPORT 63

## [Table of Contents](#)

The worst performing sectors were consumer staples, real estate and information technology. On a country basis, China and Australia stand out as the largest detractors. The Fund's cash and gold allocations also hurt performance. The largest individual detractors were Wens Foodstuffs Group Co. Ltd., Class A, Subaru Corp., and Suncor Energy, Inc. The Fund no longer holds Wens Foodstuffs Group Co. or Suncor Energy, Inc. Not owning ASML, a Dutch maker of semiconductor equipment, was a significant drag on relative performance as well. Wens Foodstuffs, a Chinese pig farmer, suffered during the pandemic as live markets were closed and restaurant activity dropped. Subaru, a Japanese auto manufacturer, suffered from production shutdowns, and had to temporarily cut their dividend. Suncor Energy was down as oil prices fell. We decided to sell the stock in favor of other energy holdings prior to the bounce in oil prices.

### **Actions in the Fund during the year**

The Fund had a value tilt throughout the year. The Fund's core strategy allows it to tilt toward growth companies when valuations are relatively attractive and to tilt toward value when such companies offer investors the best upside prospects, based on our investment lens. We took advantage of market volatility over the fiscal year. The pullback presented wide valuation gaps as many companies were ignored. We were actionable with respect to capitalizing on these discrepancies. While a relative value discipline has hurt for several years, our investors were rewarded in recent months.

Current Portfolio themes are:

- Disproportionate growth of emerging-market consumers, particularly in the Asia-Pacific region
- Strong growth in infrastructure
- Solid and believable dividend yields
- Forces of market disruption

### **What we seek**

As we move forward, we continue to seek companies we believe are underpriced relative to their prospects and peers in both the growth and value parts of the market. The Fund's defensive/cyclical weighting is slightly tilted toward cyclical. We are also increasingly focused on companies we believe have sustainable competitive advantages or improving industry dynamics that are not appreciated by the market and companies which may be better positioned coming out of the COVID-19 pandemic than they were before the outbreak.

### **Outlook**

Despite the recent market rotation, we believe there is a deep underappreciation by investors for the magnitude of economic growth and inflationary pressures ahead. Generally, investors have not fully adopted the idea that stocks outside of what has been in favor for the greater part of the last decade will relinquish the spotlight. However, we believe the many signs of a sustained market shift are present.

The level of spending by governments around the world, particularly in the U.S., is at unprecedented levels. Additionally, central banks continue to support capital markets and are signaling low rates for the foreseeable future. The Fed has communicated a persistent dovish approach toward interest rate policy. This also has great potential to perpetuate inflation, particularly if they manipulate the curve to keep the 10-year rate at 2%.

Another inflationary pressure, although difficult to handicap its duration, is a shortage within the global supply chain, particularly within semiconductors. With semiconductor shortages around the world, many everyday goods, particularly autos, are experiencing manufacturing delays. Low supplies will lead to higher prices. When also considering higher commodity prices, in turn, raw material costs of everything we consume from food to clothes to electronics and beyond could go up. Meanwhile, the global economy is opening and consumers' propensity to spend is high after a year of clamping down on social activities.

We believe these events should drive tremendous economic growth, which is generally good for early cycle equities. This leads us to be particularly optimistic about pockets of equities consistent with our investment style. After years of being underappreciated, international equities may be a great area of the world to find relative value. This, coupled with our investment style, which we believe is well positioned to take advantage of many of the currents carrying the market forward, may support a continued shift in our favor.

**Performance shown at NAV does not include the effect of sales charges. If reflected, the performance shown would have been lower. Performance including sales charges reflects the maximum applicable front-end sales load and thus the lowest possible performance after sales charges. Your sales charges could be lower.**

**Past performance is not a guarantee of future results. The value of the Fund's shares will change, and you could lose money on your investment.**

[Table of Contents](#)

---

The use of derivatives presents several risks, including the risk that these instruments may change in value in a manner that adversely affects the Fund's value and the risk that fluctuations in the value of the derivatives may not correlate with securities markets or the underlying asset upon which the derivative's value is based.

International investing involves additional risks, including currency fluctuations, political or economic conditions affecting the foreign country, and differences in accounting standards and foreign regulations. Investments in countries with emerging economies or securities markets may carry greater risk than investments in more developed countries. Political and economic structures in many such countries may be undergoing significant evolution and rapid development, and such countries may lack the social, political and economic stability characteristics of more developed countries. Investments in securities issued in these countries may be more volatile and less liquid than securities issued in more developed countries. These and other risks are more fully described in the Fund's prospectus.

The opinions expressed in this report are those of the Fund's portfolio managers and are current only through the end of the period of the report as stated on the cover. The portfolio managers' views are subject to change at any time based on market and other conditions, and no forecasts can be guaranteed.

The index noted is unmanaged, includes reinvested dividends and does not include fees. One cannot invest directly in an index, nor is an index representative of the Ivy International Core Equity Fund.

[Table of Contents](#)**PORTFOLIO HIGHLIGHTS****IVY INTERNATIONAL CORE EQUITY FUND**

ALL DATA IS AS OF MARCH 31, 2021 (UNAUDITED)

**Asset Allocation**

<b>Stocks</b>	<b>97.7%</b>
Industrials	14.7%
Financials	14.4%
Consumer Discretionary	12.7%
Health Care	11.7%
Consumer Staples	10.6%
Materials	8.7%
Information Technology	7.6%
Energy	7.3%
Communication Services	6.9%
Utilities	1.7%
Real Estate	1.4%
<b>Bonds</b>	<b>1.0%</b>
Other Government Securities	1.0%
<b>Liabilities (Net of Cash and Other Assets), and Cash Equivalents+</b>	<b>1.3%</b>

**Country Weightings**

<b>Europe</b>	<b>64.3%</b>
United Kingdom	19.9%
Germany	14.7%
France	14.4%
Netherlands	4.7%
Other Europe	10.6%
<b>Pacific Basin</b>	<b>25.7%</b>
Japan	12.1%
South Korea	4.3%
Other Pacific Basin	9.3%
<b>North America</b>	<b>7.4%</b>
Canada	5.3%
Other North America	2.1%
<b>South America</b>	<b>1.3%</b>
<b>Liabilities (Net of Cash and Other Assets), and Cash Equivalents+</b>	<b>1.3%</b>

**Top 10 Equity Holdings**

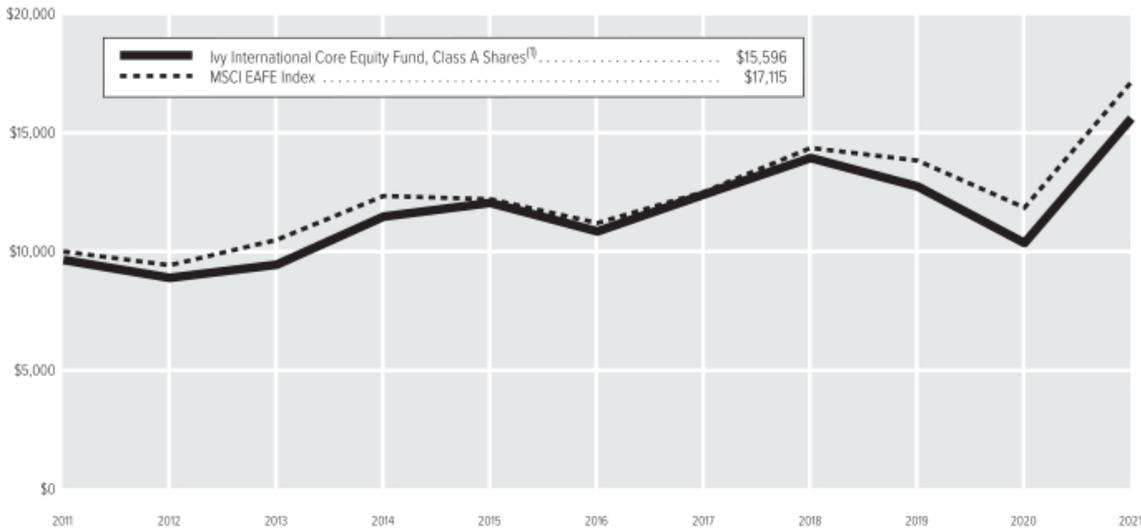
Company	Country	Sector	Industry
Merck KGaA	Germany	Health Care	Pharmaceuticals
Volkswagen AG, 2.260%	Germany	Consumer Discretionary	Automobile Manufacturers
Roche Holdings AG, Genussscheine	Switzerland	Health Care	Pharmaceuticals
Carrefour S.A.	France	Consumer Staples	Hypermarkets & Super Centers
Airbus SE	France	Industrials	Aerospace & Defense
WPP Group plc	United Kingdom	Communication Services	Advertising
Samsung Electronics Co. Ltd.	South Korea	Information Technology	Technology Hardware, Storage & Peripherals
Legal & General Group plc	United Kingdom	Financials	Life & Health Insurance
DNB ASA	Norway	Financials	Diversified Banks
ENGIE	France	Utilities	Multi-Utilities

See your advisor or [www.ivyinvestments.com](http://www.ivyinvestments.com) for more information on the Fund's most recently published Top 10 Equity Holdings.

+Cash equivalents are defined as highly liquid securities with maturities of less than three months. Cash equivalents may include U.S. Government Treasury bills, bank certificates of deposit, bankers' acceptances, corporate commercial paper and other money market instruments.

[Table of Contents](#)**COMPARISON OF CHANGE IN VALUE OF \$10,000 INVESTMENT****IVY INTERNATIONAL CORE EQUITY FUND**

(UNAUDITED)



Please note that the performance of the Fund's other share classes will be greater or less than the performance shown above for Class A based on the differences in loads and fees paid by shareholders investing in the different classes.

(1) The value of the investment in the Fund is impacted by the sales load at the time of the investment and by the ongoing expenses of the Fund and assumes reinvestment of dividends and distributions.

Average Annual Total Return(2)	Class A(3)	Class B(4)	Class C	Class E(3)	Class I	Class N	Class R	Class Y
1-year period ended 3-31-21	45.37%	45.21%	49.63%	46.91%	51.27%	51.19%	50.08%	50.76%
5-year period ended 3-31-21	6.76%	6.42%	6.80%	6.96%	7.94%	8.01%	7.21%	7.59%
10-year period ended 3-31-21	4.54%	4.19%	4.36%	4.60%	5.32%	—	—	5.01%
Since Inception of Class through 3-31-21(5)	—	—	—	—	—	4.45%	6.43%	—

(2) Data quoted is past performance and is based on deduction of the maximum applicable sales load for each of the periods. Current performance may be lower or higher. Past performance is no guarantee of future results. Investment return and principal value of an investment will fluctuate and shares, when redeemed, may be worth more or less than their original cost. Please visit [www.ivyinvestments.com](http://www.ivyinvestments.com) for the Fund's most recent month end performance. Class A and Class E Shares carry a maximum front-end sales load of 3.50%(a) and 2.50%, respectively. Class B and Class C shares carry a maximum contingent deferred sales charge (CDSC) of 5% and 1%, respectively (the Class C shares reflect no CDSC since it only applies to Class C shares redeemed within twelve months after purchase). Class I, Class N, Class R and Class Y shares are not subject to sales charges.

(3) Class A shares carry a CDSC on shares purchased at net asset value for \$1 million or more that are subsequently redeemed within 12 months of purchase. Effective October 1, 2020, Class A shares carry a CDSC on shares purchased at net asset value for \$500,000 or more that are subsequently redeemed within 12 months of purchase. Class E shares carry a CDSC on shares purchased at net asset value for \$250,000 or more that are subsequently redeemed within 12 months of purchase.

(4) Class B shares are not currently available for direct investment. However, they are available for dividend reinvestment and exchange of the same class shares of another Ivy Fund.

(5) 7-31-14 for Class N shares and 12-19-12 for Class R shares (the date on which shares were first acquired by shareholders).

Past performance is not necessarily indicative of future performance. Indexes are unmanaged. The performance graph and table do not reflect the deduction of taxes that a shareholder would pay on Fund distributions or on the redemption of Fund shares. Performance results may include the effect of expense reduction arrangements for some or all of the periods shown. If those arrangements had not been in place, the performance results for those periods would have been lower.

(a) Effective October 1, 2020, the maximum applicable sales charge for Class A shares has been lowered to 3.50% from 5.75%.

[Table of Contents](#)**SCHEDULE OF INVESTMENTS****IVY INTERNATIONAL CORE EQUITY FUND** (in thousands)

MARCH 31, 2021

<b>COMMON STOCKS</b>	<b>Shares</b>	<b>Value</b>	<b>COMMON STOCKS (Continued)</b>	<b>Shares</b>	<b>Value</b>	<b>COMMON STOCKS (Continued)</b>	<b>Shares</b>	<b>Value</b>
Australia			Energy – 1.0%			India		
Financials – 1.4%			Total S.A. (B)	564	\$ 26,314	Energy – 1.0%		
Australia and New Zealand Banking Group Ltd.	1,686	\$ 36,098	Financials – 2.2%			Reliance Industries Ltd.	884	\$ 24,228
Materials – 1.5%			Axa S.A.	919	24,675	<b>Total India – 1.0%</b>		<b>\$ 24,228</b>
Newcrest Mining Ltd.	2,013	37,346	BNP Paribas S.A.	479	29,129	Japan		
<b>Total Australia – 2.9%</b>		<b>\$ 73,444</b>			53,804	Consumer Discretionary – 3.6%		
Brazil			Industrials – 5.1%			Sekisui House Ltd.	1,333	28,587
Consumer Staples – 1.3%			Airbus SE	435	49,205	Subaru Corp. (B)	1,935	38,514
Ambev S.A.	11,857	32,272	Compagnie de Saint-Gobain	576	33,968	Zozo, Inc.	886	26,152
<b>Total Brazil – 1.3%</b>		<b>\$ 32,272</b>	Schneider Electric S.A.	250	38,211			93,253
Canada			Vinci	85	8,713	Consumer Staples – 1.6%		
Consumer Discretionary – 2.1%					130,097	Seven & i Holdings Co. Ltd.	977	39,384
Canada Goose Holdings, Inc. (A)	639	25,086	Information Technology – 1.4%			Energy – 1.1%		
Dollarama, Inc.	626	27,642	Cap Gemini S.A.	202	34,378	Impex Corp.	4,078	27,846
		52,728	Utilities – 1.7%			Financials – 2.3%		
Energy – 1.8%			ENGIE	2,927	41,545	ORIX Corp.	1,892	31,918
Canadian Natural Resources Ltd.	878	27,118	<b>Total France – 14.4%</b>		<b>\$362,998</b>	Tokio Marine Holdings, Inc. (B)	534	25,397
Seven Generations Energy Ltd., Class A (A)	2,595	17,555	Germany					57,315
		44,673	Communication Services – 1.1%			Health Care – 1.0%		
Materials – 1.4%			Deutsche Telekom AG, Registered Shares	1,370	27,593	Terumo Corp.	724	26,135
Teck Cominco Ltd.	1,815	34,760	Consumer Staples – 1.1%			Industrials – 1.2%		
<b>Total Canada – 5.3%</b>		<b>\$132,161</b>	Beiersdorf Aktiengesellschaft	271	28,641	SMC Corp.	50	28,965
China			Financials – 1.2%			Information Technology – 1.3%		
Consumer Discretionary – 1.0%			Muncheener Ruckversicherungs-Gesellschaft AG, Registered Shares	98	30,167	Shimadzu Corp.	901	32,593
Gree Electric Appliances, Inc. of Zhuhai, A Shares	2,731	26,084	Health Care – 2.3%			<b>Total Japan – 12.1%</b>		<b>\$305,491</b>
Materials – 1.1%			Merck KGaA	346	59,226	Netherlands		
Anhui Conch Cement Co. Ltd., H Shares	4,335	28,188	Industrials – 2.5%			Consumer Discretionary – 2.5%		
<b>Total China – 2.1%</b>		<b>\$ 54,272</b>	Hochtief Aktiengesellschaft (B)	295	26,417	Prosus N.V.	238	26,452
Denmark			Siemens AG	210	34,508	Stellantis N.V. (A)	1,923	34,006
Industrials – 1.4%					60,925			60,458
A.P. Moller – Maersk A/S	11	25,683	Information Technology – 1.2%			Health Care – 1.2%		
A.P. Moller – Maersk A/S, Class A	4	9,076	SAP AG	242	29,636	Koninklijke Philips Electronics N.V., Ordinary Shares	507	28,912
		34,759	Materials – 1.6%			Industrials – 1.0%		
<b>Total Denmark – 1.4%</b>		<b>\$ 34,759</b>	HeidelbergCement AG	450	40,899	Randstad Holding N.V. (B)	360	25,342
France			Real Estate – 1.4%			<b>Total Netherlands – 4.7%</b>		<b>\$114,712</b>
Consumer Discretionary – 0.0%			Deutsche Wohnen AG	768	35,806	Norway		
Faurecia S.A. (A)	—*	—*	<b>Total Germany – 12.4%</b>		<b>\$312,893</b>	Financials – 1.7%		
Consumer Staples – 3.0%			Hong Kong			DNB ASA (A)	2,007	42,711
Carrefour S.A.	2,719	49,242	Financials – 1.0%			<b>Total Norway – 1.7%</b>		<b>\$ 42,711</b>
Pernod Ricard S.A.	147	27,618	AIA Group Ltd.	2,090	25,351	Singapore		
		76,860	<b>Total Hong Kong – 1.0%</b>		<b>\$ 25,351</b>	Communication Services – 1.3%		
						Singapore Telecommunications Ltd.	18,105	32,840
						<b>Total Singapore – 1.3%</b>		<b>\$ 32,840</b>

[Table of Contents](#)**SCHEDULE OF INVESTMENTS****IVY INTERNATIONAL CORE EQUITY FUND** (in thousands)

MARCH 31, 2021

<b>COMMON STOCKS (Continued)</b>	<b>Shares</b>	<b>Value</b>	<b>COMMON STOCKS (Continued)</b>	<b>Shares</b>	<b>Value</b>	<b>PREFERRED STOCKS</b>	<b>Shares</b>	<b>Value</b>
South Korea			Consumer Discretionary – 1.2%			Germany		
Communication Services – 1.2%			Persimmon plc	749	\$ 30,362	Consumer Discretionary – 2.3%		
SK Telecom Co. Ltd.	121	\$ 29,323	Consumer Staples – 3.6%			Volkswagen AG, 2.260%	204	\$ 57,051
Industrials – 1.3%			British American Tobacco plc	847	32,373	<b>Total Germany – 2.3%</b>		<b>\$ 57,051</b>
LG Corp.	422	33,677	Tesco plc	8,879	28,012	<b>TOTAL PREFERRED STOCKS – 2.3%</b>		<b>\$ 57,051</b>
Information Technology – 1.8%			Unilever plc	539	30,152	(Cost: \$33,120)		
Samsung Electronics Co. Ltd.	627	45,113			90,537	<b>OTHER GOVERNMENT SECURITIES (C)</b>	<b>Principal</b>	
<b>Total South Korea – 4.3%</b>		<b>\$ 108,113</b>	Energy – 2.4%			Norway – 1.0%		
Spain			BP plc	7,315	29,715	Norway Government Bond		
Financials – 1.1%			Technip-Coflexip (A)	1,973	23,556	3.750%, 5–25–21 (D)(E)	NOK 210,830	24,762
Banco Bilbao Vizcaya Argentaria S.A.	5,132	26,638	TechnipFMC plc (A)	878	6,780	<b>TOTAL OTHER GOVERNMENT SECURITIES – 1.0%</b>		<b>\$ 24,762</b>
<b>Total Spain – 1.1%</b>		<b>\$ 26,638</b>			60,051	(Cost: \$23,825)		
Sweden			Financials – 3.5%			<b>SHORT-TERM SECURITIES</b>	<b>Shares</b>	
Health Care – 1.1%			Legal & General Group plc	11,647	44,814	Money Market Funds (F) – 2.2%		
Geste AB	961	26,684	Lloyds Banking Group plc	26,273	15,406	State Street Institutional		
Industrials – 1.1%			Prudential plc	1,364	28,968	U.S. Government		
Epiroc AB, Class A	837	18,965			89,188	Money Market Fund – Premier Class		
Epiroc AB, Class B	387	8,055	Health Care – 3.4%			0.040%	3,605	3,605
		27,020	AstraZeneca plc ADR (B)	587	29,197	Dreyfus Institutional		
<b>Total Sweden – 2.2%</b>		<b>\$ 53,704</b>	GlaxoSmithKline plc	1,948	34,587	Preferred Government		
Switzerland			GlaxoSmithKline plc ADR (B)	609	21,739	Money Market Fund – Institutional Shares		
Health Care – 2.1%					85,523	0.010% (G)	52,596	52,596
Roche Holdings AG, Genussscheine	162	52,205	Information Technology – 0.9%					56,201
Industrials – 1.1%			Amdocs Ltd.	328	23,031	<b>TOTAL SHORT-TERM SECURITIES – 2.2%</b>		<b>\$ 56,201</b>
Ferguson plc	237	28,283	Materials – 1.6%			(Cost: \$56,201)		
<b>Total Switzerland – 3.2%</b>		<b>\$ 80,488</b>	Anglo American plc	1,022	40,037	<b>TOTAL INVESTMENT SECURITIES – 100.9%</b>		<b>\$ 2,535,207</b>
Taiwan			<b>Total United Kingdom – 19.9%</b>		<b>\$ 501,608</b>	(Cost: \$1,999,558)		
Information Technology – 1.0%			United States			<b>LIABILITIES, NET OF CASH AND OTHER ASSETS – (0.9%)</b>		<b>(21,393)</b>
Largan Precision Co. Ltd.	229	25,763	Health Care – 0.6%			<b>NET ASSETS – 100.0%</b>		<b>\$ 2,513,814</b>
<b>Total Taiwan – 1.0%</b>		<b>\$ 25,763</b>	Ortho Clinical Diagnostics Holdings plc (A)	819	15,799			
United Kingdom			<b>Total United States – 0.6%</b>		<b>\$ 15,799</b>			
Communication Services – 3.3%			<b>TOTAL COMMON STOCKS – 93.9%</b>		<b>\$ 2,360,245</b>			
BT Group plc	16,419	35,039	(Cost: \$1,858,076)					
WPP Group plc	3,769	47,840	<b>INVESTMENT FUNDS</b>					
		82,879	United States – 1.5%					
			SPDR Gold Trust (A)	231	36,948			
			<b>TOTAL INVESTMENT FUNDS – 1.5%</b>		<b>\$ 36,948</b>			
			(Cost: \$28,336)					

**Notes to Schedule of Investments**

\*Not shown due to rounding.

(A)No dividends were paid during the preceding 12 months.

(B)All or a portion of securities with an aggregate value of \$122,344 are on loan.

(C)Other Government Securities may include emerging markets sovereign, quasi-sovereign, corporate and supranational agency and organization debt securities.

[Table of Contents](#)**SCHEDULE OF INVESTMENTS**IVY INTERNATIONAL CORE EQUITY FUND *(in thousands)*

MARCH 31, 2021

(D) Principal amounts are denominated in the indicated foreign currency, where applicable (NOK - Norwegian Krone).

(E) Securities were purchased pursuant to an exemption from registration available under Rule 144A under the Securities Act of 1933 and may only be resold in transactions exempt from registration, normally to qualified institutional buyers. At March 31, 2021 the total value of these securities amounted to \$24,762 or 1.0% of net assets.

(F) Rate shown is the annualized 7-day yield at March 31, 2021.

(G) Investment made with cash collateral received from securities on loan.

The following table is a summary of the valuation of the Fund's investments by the fair value hierarchy levels as of March 31, 2021. See Note 3 to the Financial Statements for further information regarding fair value measurement.

	Level 1	Level 2	Level 3
<b>Assets</b>			
Investments in Securities			
Common Stocks	\$2,360,245	\$ —	\$ —
Investment Funds	36,948	—	—
Preferred Stocks	57,051	—	—
Other Government Securities	—	24,762	—
Short-Term Securities	56,201	—	—
Total	\$2,510,445	\$24,762	\$ —

The following acronym is used throughout this schedule:

ADR = American Depositary Receipts

**Market Sector Diversification****(as a % of net assets)**

Industrials	14.7%
Financials	14.4%
Consumer Discretionary	12.7%
Health Care	11.7%
Consumer Staples	10.6%
Materials	8.7%
Information Technology	7.6%
Energy	7.3%
Communication Services	6.9%
Utilities	1.7%
Real Estate	1.4%
Other Government Securities	1.0%
Other+	1.3%

+Includes liabilities (net of cash and other assets), and cash equivalents

See Accompanying Notes to Financial Statements.

70 ANNUAL REPORT 2021

[Table of Contents](#)**MANAGEMENT DISCUSSION****IVY LARGE CAP GROWTH FUND**

(UNAUDITED)



Bradley M. Klappmeyer

*Below, Bradley M. Klappmeyer, CFA, portfolio manager of Ivy Large Cap Growth Fund, discusses positioning, performance and results for the fiscal year ended March 31, 2021. Mr. Klappmeyer has managed the Fund since August 2016, and he has 21 years of industry experience.*

**Fiscal Year Performance**

For the 12 Months Ended March 31, 2021

<b>Ivy Large Cap Growth Fund (Class A shares at net asset value)</b>	52.78%
<b>Ivy Large Cap Growth Fund (Class A shares including sales charges)</b>	47.46%
<b>Benchmark and/or Lipper Category</b>	
<b>Russell 1000 Growth Index</b> (generally reflects the performance of securities that represent the large-cap growth market)	62.74%
<b>Morningstar Large Growth Category Average</b> (generally reflects the performance of the universe of funds with similar investment objectives)	63.57%

*Please note that Fund returns include applicable fees and expenses while index returns do not include any such fees. The performance discussion below is at net asset value (NAV).*

**Market conditions**

The Russell 1000 Growth Index, the Fund's benchmark, was up a staggering 62.74% during the measurement period ended March 31, 2021. Maintaining exposure to the large-cap growth style over the past decade has been a rewarding proposition with an annual total return of more than 16.6% for the index over the past 10 years. While those average annual gains are remarkable, it hasn't been a smooth ride as the past decade has been marked by its fair share of turbulence as global economies emerged from the depths of the global financial crisis. While this decade-long run for growth-style investing was capped with another year of strong gains, the past 12 months made sure it was a hard-earned return.

It is ironic that before the pandemic (early calendar year 2020), there were raised hopes that easing monetary conditions would ultimately lead to accelerating growth and as of March 31, 2021, in a near post-pandemic world, that same narrative has been propelling the markets to fresh highs. For the coming fiscal year, there is hope that another round of, again unprecedented, monetary and fiscal policy will kick start a new, but stronger post-pandemic economic cycle. The easy part, at least for a portion of the next 12 months, will be comparisons to the pandemic-impacted numbers, exaggerating growth for several quarters of the fiscal year. The hard part will be generating convincing evidence that this latest round of quantitative easing will be more successful than a decade of rather unsuccessful attempts to generate a seemingly unobtainable strong virtuous growth cycle. In that vein, the past 12 months (and likely the next 12 months), were no different than the prior decade, requiring the promise of extremely easy monetary conditions to achieve some level of modest growth.

Equity markets were remarkably resilient during the measurement period despite the ongoing global pandemic. The markets reacted quickly and negatively to the early signs of the pandemic but subsequently the index rallied 27.8% in the first quarter and never looked back with additional gains of 13.2% in the second quarter, an 11.4% gain in the third quarter and a modest 0.9% gain in the fourth quarter. As is typical, the stock market decided to move on from the depths of the pandemic despite the economic freeze caused by mobility restrictions and lower activity during the first quarter. You may recall that during first quarter (ending June 2020) gross domestic product (GDP) growth dropped nearly 32%.

We shared several observations throughout the course of the fiscal year and thought it would be interesting to assess the validity of those observations at year end March 31, 2021. For starters, we suggested that, if needed, unlimited resources could be provided to remove the downside risks associated with the pandemic. In total the Federal Reserve's (Fed) balance sheet expanded by \$3.2 trillion and U.S. fiscal stimulus amounted to \$3.4 trillion during 2020, with more to come in 2021. A staggering fact is that aggregate calendar year 2020 U.S. fiscal stimulus, on a per capita basis or as a percentage of U.S. GDP, was larger than The New Deal of 1933 (when adjusted to 2020 dollars). Those efforts clearly passed the hurdle of adequate additional resources to remove downside risk from the economy and buoy asset prices. Frankly, it was a job well done as the equity markets quickly priced out a potential downside scenario.

An additional observation we made was that the ramifications from the pandemic would continue to show in the data for quarters to come but the market would begin to look through to normalized earnings. On the surface those statements seemed simple enough, and in some respect that is what occurred. The U.S. economy recovered from the June quarter downdraft faster than most anticipated — improvements in the housing market, manufacturing, employment and consumer spending were generally comforting. The equity recovery also evolved as the year progressed, with initial strength from a basket of high growth and generally higher-risk pandemic beneficiary stocks. Later in the measurement period, strength emerged in more economically sensitive stocks as investors began to build in expectations that the material stimulus would set off a stronger economic growth cycle.

2021 ANNUAL REPORT 71

[Table of Contents](#)

Finally, we believed business and personal lives would go back to something resembling the “old normal.” The reality landed somewhere in the middle with some activities having resumed, while others having not completely normalized. For example, the ability to leave home to buy contact lenses and shop for power tools, resumed. The ability to comfortably have a seated dinner or jump on a plane was only just beginning to normalize. That said, with each effort to lift mobility constraints, consumers appear eager to resume many of the “old normal” activities. We personally share that sentiment. We are truly most amazed by human resiliency in these abnormal times, and the desire to press on despite challenging conditions. It needs to be highlighted that once again the innovative spirit was in full effect, with COVID-19 vaccines being developed within a year’s time frame and the world knowing there is a line of sight to mass vaccinations and mobility normalization. An effort clearly worthy of praise.

When you look deeper at the performance of the index during the measurement period, it is notable that every sector posted positive performance. The standout sectors included energy, consumer discretionary, communications services and information technology. The latter three were home to many of the technology, internet and retail beneficiaries of the COVID-19 pandemic. The concentration of the index has been a point of discussion throughout 2020 and as it relates to attribution, the FAANG+M+T stocks (Facebook, Amazon, Apple, Netflix, Alphabet (Google), Microsoft and Tesla) ended the calendar year contributing nearly 43% to overall index returns. Performance was partly dependent on a handful of mega-cap stocks but did broaden as the year advanced. Add in the additional contribution from many technology and e-commerce stocks and attribution becomes more aggregated into a specific theme.

From a style perspective, momentum (relative strength and price return), growth (5-year earnings per share growth and estimate revisions) and risk (beta) were runaway positive factors. Value factors (price to book and earnings yield) were laggards early in the period but emerged as a place of strength during the latter quarters. Quality factors (return on assets, return on equity and return on capital) were generally laggards in terms of relative performance. It is worth noting that the spread between the best performing factors and the worst performing factor was rather material.

### Strategies employed, contributors and detractors

During the measurement period, the Fund posted a strong absolute gain of 52.78%, but underperformed relative to its benchmark. Stock selection was the main reason for the relative underperformance in the fiscal year. Consumer discretionary, information technology and communication services led the relative underperformance. Market returns were strongly influenced by the “tails” — on one end are hyper growers that lack proven business models through-out cycles and on the other end are cyclical value stocks that are highly dependent on accelerating economic growth prospects. This created a unique challenge for the Fund’s desire to maintain a strong quality bias as many of the outperforming areas lacked the strong business model characteristics we require. Given that we believe quality is more durable than growth, we were forced to sacrifice on some relative growth attributes in favor of quality, and although that resulted in laggard performance in the trailing 12 months, we think maintaining a focus on quality growth will be rewarded through the cycle.

Performance in consumer discretionary was the leading source of negative sector attribution. The Fund was slightly overweight the sector but challenging stock selection more than offset this positive allocation. The most significant detractor was our underweight exposure to Tesla, which posted a gain of more than 530% for the period. We maintained no exposure to Tesla as we believe its valuation is embedding unrealistic long-term business economics and earnings. Overweight positions in two stocks, V.F. Corp. and Ferrari NV, also detracted from performance. V.F. Corp was negatively impacted by concerns of slowing growth from its Vans brand and overall, witnessed pressured results during the pandemic. V.F. Corp. is no longer a holding in the Fund. Ferrari saw relative weakness as investors stressed over the company meeting likely outdated 2022 financial targets — expectations that were set before the pandemic, and concerns around Ferrari being poorly positioned in the shift to electric vehicles. Finally, a notable overweight position in Tractor Supply Co. was a source of positive attribution. Strength in Tractor Supply, a position initially introduced to the Fund in January 2020, outperformed as it remained operational during the COVID-19 pandemic because its products were deemed essential to consumers. Tractor Supply is no longer a Fund holding.

Information technology was another detractor, driven by an overweight position in VeriSign, Inc. and Motorola Solutions, Inc. Despite no material fundamental disappointments, shares of VeriSign lagged as investors shifted attention to higher risk securities and away from high-quality stable growth stocks. Motorola Solutions underperformed as a result of concerns related to demand within its first responder communications business unit as questions arose around deficits in state and municipal budgets. Those concerns around funding gaps have proven unfounded to date. Apple, Inc. was another detractor as our underweight position proved incorrect given impressive returns exceeding 93% during the measurement period, although this was driven by significant multiple expansion as expectations were built for a strong iPhone 5G replacement cycle. Positive attribution wasn’t completely absent as several overweight positions, including NVIDIA Corp., PayPal Holdings, Inc. and Zebra Technologies Corp. provided a partial offset as the Fund found it difficult to keep pace with the extreme upside 12-month returns from many names in the benchmark.

[Table of Contents](#)

Within the communication services sector, the Fund continued to experience a headwind from the pervasive theme of rewarding relatively unproven business models, which stands in contrast to our strategy's well-tenured process and philosophy. Underweight positions in Pinterest, Inc., Roku, Inc. and Spotify Technology SA were sources of detractor, while an overweight position in Electronic Arts, despite gaining 35% in the period, added to the relative underperformance within the sector. Roku and Spotify are not holdings of the Fund. A new position to Pinterest, Inc. was added during the measurement period as we grew convinced that the company would emerge as a long-term winner. Positive attribution was present as the Fund continued to avoid traditional media companies that significantly underperformed the sector. Underweight exposure to Netflix, Inc. also benefited performance as shares lagged the benchmark's return. Netflix is not a holding of the Fund.

### Outlook and positioning

Supported by low interest rates, flowing fiscal stimulus and improving global growth prospects, we think the markets will likely enter the current fiscal year with a sustained desire to swing for the fences. As such, it is possible to see continued strength in the near term from hyper-growth dream stocks and the lower-quality, deeply cyclical value names. There needs to be a catalyst or evidence against this trend and the timing of that is uncertain.

We see these tail trades, or "barbell strategies," as temporary as neither has deep roots attached to quality businesses. We believe as the fiscal year progresses, the persistence and intensity of outperformance from these tails will cede momentum to more durable investment strategies. We are hopeful macro and stylistic influences on the market will diminish, leaving it better tuned for stock picking, not macro or factor guessing.

We believe the missing piece, or the catalyst, needed to allow for a less intense market environment to emerge is simply fundamentals. Letting the "rubber meet the road." Market valuation expansion has been a significant portion of growth style returns over the past two years, which embeds a high level of expectations around accelerating growth or sustaining high levels of rapid growth. We believe that parts of the market — work from home, pandemic beneficiaries and hyper-growth stocks — reflect multiple years of extremely optimistic good news based on current low interest rates, contained inflation, upsized fiscal stimulus and stronger near-term economic prospects. We believe these expectations of a high rate of sustained revenue growth along with a broadening economic recovery and upward movement in rates, pose a real risk to the growth tail of the market. Let us be very clear on one point — although we are skeptical of how quickly the market has crowned many pandemic beneficiary stocks as persistent growers, we think there will be good secular growers that emerge from the pandemic investment fervor, just like there are in a normal environment. However, good businesses are much different from good stocks, and pulling forward multiple years of stock returns based on a nine-month period of extreme conditions seems nothing short of irresponsible.

Our investment philosophy starts with the reality that growth sustainability is fleeting for most companies and that growth, if ultimately durable, needs to be attached to quality businesses. We view the durability of growth with a skeptical eye until we understand the quality of the business — barriers to competition, long-term economic model, addressable market, brand durability, etc. As such, we have always started our stock selection process with good business model choices and believe quality is paramount to controlling downside risk and driving strong multi-year returns. Although the current environment may be recklessly rewarding only those companies with the highest near-term growth or strongest pandemic revisions, we stand firm in our assessment that quality is more durable than growth and starting with quality and not chasing growth for growth's sake (at any cost), should reap significant benefits over a multi-year horizon.

As of March 31, 2021, the Fund's largest equity positions are Microsoft Corp., Apple, Inc., [Amazon.com](https://www.amazon.com), Inc., Alphabet, Inc., Visa, Inc., Facebook, Inc., Motorola Solutions, Inc., UnitedHealth Group, Inc., Intuit, Inc. and PayPal Holdings, Inc. Thank you for your continued interest and support.

**Performance shown at NAV does not include the effects of sales charges. If reflected, the performance shown would have been lower. Performance including sales charges reflects the maximum applicable front-end sales load and thus the lowest possible performance after sales charges; your sales charges could be lower.**

**Past performance is not a guarantee of future results. As with any mutual fund, the value of the Fund's shares will change, and you could lose money on your investment.**

**Prices of growth stocks may be more sensitive to changes in current or expected earnings than the prices of other stocks. Growth stocks may not perform as well as value stocks or the stock market in general. These and other risks are more fully described in the Fund's prospectus.**

**The opinions expressed in this report are those of the portfolio manager and are current only through the end of the period of the report as stated on the cover. The portfolio manager's views are subject to change at any time based on market and other conditions, and no forecasts can be guaranteed.**

**The index noted is unmanaged, includes reinvested dividends and does not include fees. One cannot invest directly in an index, nor is an index representative of the Ivy Large Cap Growth Fund.**

[Table of Contents](#)**PORTFOLIO HIGHLIGHTS****IVY LARGE CAP GROWTH FUND**

ALL DATA IS AS OF MARCH 31, 2021 (UNAUDITED)

**Asset Allocation**

<b>Stocks</b>	<b>99.9%</b>
Information Technology	46.6%
Consumer Discretionary	14.8%
Communication Services	13.3%
Health Care	12.1%
Industrials	7.3%
Financials	3.2%
Consumer Staples	2.6%
<b>Cash and Other Assets (Net of Liabilities), and Cash Equivalents+</b>	<b>0.1%</b>

**Top 10 Equity Holdings**

<b>Company</b>	<b>Sector</b>	<b>Industry</b>
Microsoft Corp.	Information Technology	Systems Software
Apple, Inc.	Information Technology	Technology Hardware, Storage & Peripherals
<a href="#">Amazon.com, Inc.</a>	Consumer Discretionary	Internet & Direct Marketing Retail
Alphabet, Inc., Class A	Communication Services	Interactive Media & Services
Visa, Inc., Class A	Information Technology	Data Processing & Outsourced Services
Facebook, Inc., Class A	Communication Services	Interactive Media & Services
Motorola Solutions, Inc.	Information Technology	Communications Equipment
UnitedHealth Group, Inc.	Health Care	Managed Health Care
Intuit, Inc.	Information Technology	Application Software
PayPal, Inc.	Information Technology	Data Processing & Outsourced Services

See your advisor or [www.ivyinvestments.com](http://www.ivyinvestments.com) for more information on the Fund's most recently published Top 10 Equity Holdings.

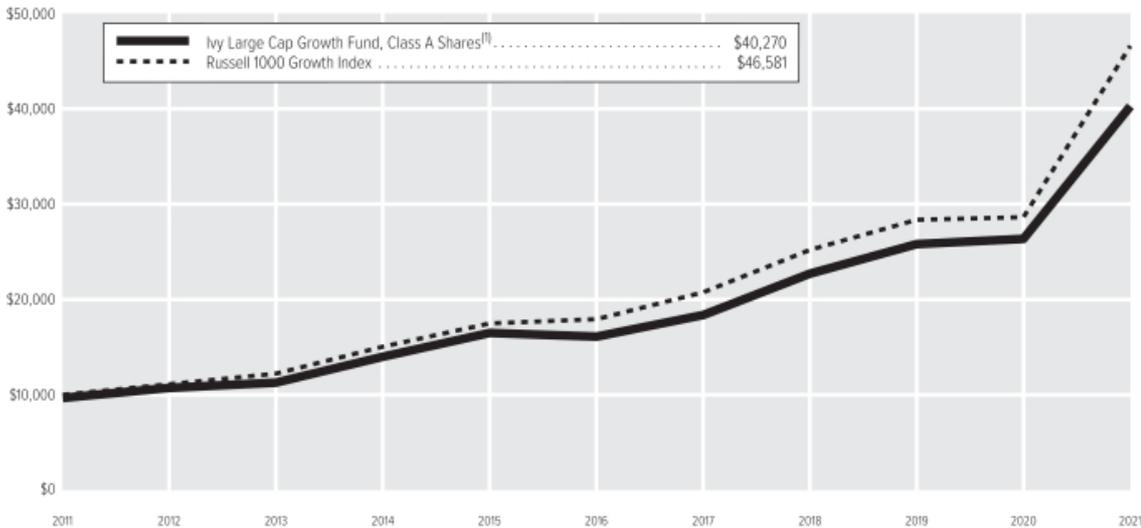
+Cash equivalents are defined as highly liquid securities with maturities of less than three months. Cash equivalents may include U.S. Government Treasury bills, bank certificates of deposit, bankers' acceptances, corporate commercial paper and other money market instruments.

[Table of Contents](#)

## COMPARISON OF CHANGE IN VALUE OF \$10,000 INVESTMENT

## IVY LARGE CAP GROWTH FUND

(UNAUDITED)



Please note that the performance of the Fund's other share classes will be greater or less than the performance shown above for Class A based on the differences in loads and fees paid by shareholders investing in the different classes.

(1) The value of the investment in the Fund is impacted by the sales load at the time of the investment and by the ongoing expenses of the Fund and assumes reinvestment of dividends and distributions.

Average Annual Total Return <sup>(2)</sup>	Class A <sup>(3)</sup>	Class B <sup>(4)</sup>	Class C	Class E <sup>(3)</sup>	Class I	Class N	Class R	Class Y
1-year period ended 3-31-21	47.46%	47.46%	51.46%	48.82%	53.25%	53.28%	52.17%	52.78%
5-year period ended 3-31-21	19.25%	18.95%	19.17%	19.42%	20.46%	20.56%	19.67%	20.16%
10-year period ended 3-31-21	14.95%	14.51%	14.67%	15.02%	15.68%	—	14.96%	15.43%
Since Inception of Class through 3-31-21 <sup>(5)</sup>	—	—	—	—	—	16.93%	—	—

(2) Data quoted is past performance and is based on deduction of the maximum applicable sales load for each of the periods. Current performance may be lower or higher. Past performance is no guarantee of future results. Investment return and principal value of an investment will fluctuate and shares, when redeemed, may be worth more or less than their original cost. Please visit [www.ivyinvestments.com](http://www.ivyinvestments.com) for the Fund's most recent month end performance. Class A and Class E Shares carry a maximum front-end sales load of 3.50%<sup>(a)</sup> and 2.50%, respectively. Class B and Class C shares carry a maximum contingent deferred sales charge (CDSC) of 5% and 1%, respectively (the Class C shares reflect no CDSC since it only applies to Class C shares redeemed within twelve months after purchase). Class I, Class N, Class R and Class Y shares are not subject to sales charges.

(3) Class A shares carry a CDSC on shares purchased at net asset value for \$1 million or more that are subsequently redeemed within 12 months of purchase. Effective October 1, 2020, Class A shares carry a CDSC on shares purchased at net asset value for \$500,000 or more that are subsequently redeemed within 12 months of purchase. Class E shares carry a CDSC on shares purchased at net asset value for \$250,000 or more that are subsequently redeemed within 12 months of purchase.

(4) Class B shares are not currently available for direct investment. However, they are available for dividend reinvestment and exchange of the same class shares of another Ivy Fund.

(5) 7-31-14 for Class N shares (the date on which shares were first acquired by shareholders).

Past performance is not necessarily indicative of future performance. Indexes are unmanaged. The performance graph and table do not reflect the deduction of taxes that a shareholder would pay on Fund distributions or on the redemption of Fund shares. Performance results may include the effect of expense reduction arrangements for some or all of the periods shown. If those arrangements had not been in place, the performance results for those periods would have been lower.

(a) Effective October 1, 2020, the maximum applicable sales charge for Class A shares has been lowered to 3.50% from 5.75%.

[Table of Contents](#)**SCHEDULE OF INVESTMENTS****IVY LARGE CAP GROWTH FUND** (in thousands)

MARCH 31, 2021

<b>COMMON STOCKS</b>	<b>Shares</b>	<b>Value</b>	<b>COMMON STOCKS (Continued)</b>	<b>Shares</b>	<b>Value</b>	<b>COMMON STOCKS (Continued)</b>	<b>Shares</b>	<b>Value</b>
<b>Communication Services</b>			<b>Health Care</b>			<b>Data Processing &amp; Outsourced Services – 9.5%</b>		
Interactive Home Entertainment – 2.5%			Health Care Equipment – 2.7%			Broadridge Financial Solutions, Inc.	674	\$ 103,246
Electronic Arts, Inc.	1,051	\$142,340	Danaher Corp.	291	\$ 65,453	PayPal, Inc. (A)	657	159,549
Interactive Media & Services – 10.8%			DexCom, Inc. (A)	48	17,271	Visa, Inc., Class A	1,260	266,856
Alphabet, Inc., Class A (A)	139	287,072	Intuitive Surgical, Inc. (A)	90	66,350			529,651
Alphabet, Inc., Class C (A)	26	52,874			149,074			
Facebook, Inc., Class A (A)	698	205,597	Health Care Supplies – 2.3%			Electronic Equipment & Instruments – 0.3%		
Pinterest, Inc., Class A (A)	738	54,639	Cooper Cos., Inc. (The)	334	128,127	Zebra Technologies Corp., Class A (A)	42	20,261
		600,182	Health Care Technology – 2.4%			Internet Services & Infrastructure – 2.4%		
			Cerner Corp.	1,880	135,101	VeriSign, Inc. (A)	663	131,861
<b>Total Communication Services – 13.3%</b>		<b>742,522</b>	Life Sciences Tools & Services – 0.3%			IT Consulting & Other Services – 2.0%		
<b>Consumer Discretionary</b>			Mettler-Toledo International, Inc. (A)	15	17,465	Garter, Inc., Class A (A)	603	110,088
Automobile Manufacturers – 1.9%			Managed Health Care – 3.1%			Systems Software – 10.5%		
Ferrari N.V.	499	104,360	UnitedHealth Group, Inc.	471	175,121	Microsoft Corp.	2,477	583,928
Automotive Retail – 0.7%			Pharmaceuticals – 1.3%			Technology Hardware, Storage & Peripherals – 7.9%		
O'Reilly Automotive, Inc. (A)	83	41,875	Zoetis, Inc.	456	71,802	Apple, Inc.	3,620	442,198
Footwear – 1.2%								
NIKE, Inc., Class B	493	65,579	<b>Total Health Care – 12.1%</b>		<b>676,690</b>	<b>Total Information Technology – 46.6%</b>		<b>2,598,397</b>
Home Improvement Retail – 2.0%			<b>Industrials</b>			<b>TOTAL COMMON STOCKS – 99.9%</b>		<b>\$5,570,055</b>
Home Depot, Inc. (The)	367	111,896	Industrial Machinery – 2.2%			(Cost: \$2,568,834)		
Hotels, Resorts & Cruise Lines – 1.7%			Stanley Black & Decker, Inc.	616	122,953	<b>SHORT-TERM SECURITIES</b>		
Booking Holdings, Inc. (A)	40	92,213	Railroads – 1.2%			Money Market Funds (B) – 0.0%		
Internet & Direct Marketing Retail – 7.3%			Union Pacific Corp.	311	68,480	State Street Institutional U.S.		
Amazon.com, Inc. (A)	132	407,268	Research & Consulting Services – 2.1%			Government Money Market Fund – Premier Class,		
			TransUnion	535	48,140	0.040%	2,004	2,004
<b>Total Consumer Discretionary – 14.8%</b>		<b>823,191</b>	Verisk Analytics, Inc., Class A	380	67,157	<b>TOTAL SHORT-TERM SECURITIES – 0.0%</b>		<b>\$ 2,004</b>
<b>Consumer Staples</b>					115,297	(Cost: \$2,004)		
Personal Products – 0.6%			Trucking – 1.8%			<b>TOTAL INVESTMENT SECURITIES – 99.9%</b>		<b>\$5,572,059</b>
Estee Lauder Co., Inc. (The), Class A	119	34,755	J.B. Hunt Transport Services, Inc.	587	98,578	(Cost: \$2,570,838)		
Soft Drinks – 2.0%						<b>CASH AND OTHER ASSETS, NET OF</b>		
Coca-Cola Co. (The)	2,105	110,933	<b>Total Industrials – 7.3%</b>		<b>405,308</b>	<b>LIABILITIES – 0.1%</b>		<b>6,991</b>
			<b>Information Technology</b>			<b>NET ASSETS – 100.0%</b>		<b>\$5,579,050</b>
<b>Total Consumer Staples – 2.6%</b>		<b>145,688</b>	Application Software – 10.6%					
<b>Financials</b>			Adobe, Inc. (A)	326	154,993			
Financial Exchanges & Data – 3.2%			Intuit, Inc.	437	167,494			
Intercontinental Exchange, Inc.	694	77,534	NVIDIA Corp.	273	145,687			
S&P Global, Inc.	285	100,725	salesforce.com, Inc. (A)	572	121,155			
		178,259	Communications Equipment – 3.4%					
<b>Total Financials – 3.2%</b>		<b>178,259</b>	Motorola Solutions, Inc.	1,016	191,081			

**Notes to Schedule of Investments**

(A) No dividends were paid during the preceding 12 months.

(B) Rate shown is the annualized 7-day yield at March 31, 2021.

[Table of Contents](#)**SCHEDULE OF INVESTMENTS**IVY LARGE CAP GROWTH FUND *(in thousands)*

MARCH 31, 2021

The following table is a summary of the valuation of the Fund's investments by the fair value hierarchy levels as of March 31, 2021. See Note 3 to the Financial Statements for further information regarding fair value measurement.

	Level 1	Level 2	Level 3
<b>Assets</b>			
Investments in Securities			
Common Stocks	\$ 5,570,055	\$ —	\$ —
Short-Term Securities	2,004	—	—
Total	<u>\$ 5,572,059</u>	<u>\$ —</u>	<u>\$ —</u>

See Accompanying Notes to Financial Statements.

2021 ANNUAL REPORT 77

[Table of Contents](#)**MANAGEMENT DISCUSSION****IVY LIMITED-TERM BOND FUND**

(UNAUDITED)



Susan Regan

Below, Susan K. Regan, portfolio manager of Ivy Limited-Term Bond Fund, discusses positioning, performance and results for the fiscal year ended March 31, 2021. She has managed the Fund since 2014 and has 33 years industry experience.

**Fiscal Year Performance**

For the 12 Months Ended March 31, 2021

<b>Ivy Limited-Term Bond Fund (Class A shares at net asset value)</b>	2.99%
<b>Ivy Limited-Term Bond Fund (Class A shares including sales charges)</b>	0.41%
<b>Benchmark and Morningstar Category</b>	
<b>Bloomberg Barclays 1-3 Year Gov/Credit Index</b> (generally reflects the performance of securities representing the bond market that have maturities between 1 and 3 years)	1.57%
<b>Bloomberg Barclays 1-5 Year Gov/Credit Index</b> (generally reflects the performance of securities representing the bond market that have maturities between 1 and 5 years)	1.90%
<b>Morningstar Short-Term Bond Category Average</b> (generally reflects the performance of the universe of funds with similar investment objectives)	6.22%

Please note that Fund returns include applicable fees and expenses while index returns do not include any such fees. The performance discussion below is based on net asset value (NAV).

**Performance**

The Fund underwent a benchmark change, which was effective April 30, 2020, replacing the old benchmark, the Bloomberg Barclays 1-5 Year Gov/Credit Index, with its new benchmark, the Bloomberg Barclays 1-3 year Gov/Credit Index. The reason for the benchmark change was to align the Fund with the benchmark used by more than 60% of the funds in the Morningstar Short-Term Bond category. For the fiscal period ending March 31, 2021, the Fund outperformed both its old and new benchmarks, but underperformed its Morningstar peer group category average.

**Market Review**

When the fiscal year began, the pandemic had reached the U.S., cities were beginning to shut down, virtual meetings and working remotely had started becoming routine, and the Federal Reserve (Fed) had just come in days earlier to throw its support to interest rates, mortgage markets, and credit markets.

It was a tale of two halves in terms of rates. Interest rates generally fell until August 2020, then started rising through calendar year end and into the first quarter of calendar year 2021. The yield curve steepened dramatically as the 2-year U.S. Treasury ended the period eight basis points (bps) lower at 16 bps. The 5-year U.S. Treasury was 56 bps higher at 0.94%, while the 10-year U.S. Treasury was 107 bps higher at 1.74%.

Credit spreads, represented by the Bloomberg Barclays U.S. Credit Index, a subset of which is the benchmark for this Fund, were wide at 255 bps at the beginning of the period due to pandemic fears, but tightened throughout the fiscal year to 86 bps. It ended at levels tighter than pre-pandemic.

**Portfolio Positioning**

The Fund was in a defensive position when the period began with nearly 50% of its assets in U.S. Treasury securities. This gave the Fund plenty of “dry powder” to be opportunistic and add spread product, namely corporate bonds, to increase yield. Over the twelve months, the allocation to U.S. Treasuries decreased to 23%, while the allocation to corporate bonds rose from 33% to 58%. The allocation to securitized bonds, namely agency commercial mortgage-backed securities rose 5% to 16% of total Fund assets.

Yields in the front end of the curve remained anchored throughout the year with the Fed’s commitment to an accommodative policy for the foreseeable future. The low front-end yields made it an easy decision to increase the holdings of slightly longer bonds. The allocation to bonds with durations of longer than three years rose nearly 13% this past year with most of the purchases made in the final quarter of the fiscal year. The recent rise in rates presented an opportunity to buy bonds in the three-to-five-year duration area at relatively attractive yields.

With spreads coming full circle to end the year at tight levels near where they started, one could question whether the Fund will continue to keep its current overweight in credit. While we are concerned with spread tightness, the fact that

[Table of Contents](#)

U.S. Treasury yields in the front end of the curve barely have double-digit basis point yields has kept us from reversing this trade.

We continued to maintain an allocation to mortgage-backed securities. While it is not an asset class present in the benchmark, it is one in which we are comfortable. The securitized portion of the Fund generated some of the highest returns during the period. Approximately 16% of the Fund is in securitized products — while we may add to that allocation, we do not anticipate a higher than a 20% weighting to this non-benchmark security type.

## Outlook

Rising yields can be unsettling to bond markets because they may lead to losses. We believe these rate moves present opportunities to add yield to the Fund at a time when it is relatively cheap. We don't think rates will go materially higher and remain there — the Fed has said it will be keeping rates low for a long time. The Fed has been explicit about not hiking rates until maximum employment has been reached. It will be tolerant of inflation over 2% for some time if it believes more employment gains can be met. While we do not know what level would cause Fed action, we feel it will act to lower yields should it be necessary. We feel the portfolio is better positioned now to participate in the carry trade in the market.

In terms of fiscal action, the third round of stimulus combined with a very successful vaccine rollout has increased both optimism and the prospects of a return to normalcy sooner rather than later. Employment rose 1.6 million in the final quarter of the fiscal year. While unemployment remains higher than prior to the pandemic, the reopening of our communities has helped to recover about 62% of the jobs lost in the pandemic. President Joe Biden's team announced an infrastructure wish list near the end of the fiscal year to help build and repair highways, bridges, airports, water systems, electric grids and increase broadband access across the country. These are some of the factors leading to the greatly improved economic outlook and expectations for growth in calendar year 2021 after an unprecedented drop of -2.4% GDP growth for 2020.

We are still in the throes of a pandemic that has brutally taken so many lives and livelihoods. It has been a tough year, but, thankfully, many have been vaccinated and more are vaccinated every day, and we are able to start thinking about making plans again. Both the desire and the ability to return to a sense of normal are necessary for this economy to begin to return to growth.

Our first responsibility is capital preservation. With that responsibility always in view, we will look for opportunities to invest in securities in which we have high conviction that their addition will positively contribute to the Fund's total return over the life of the investment.

**Performance shown at NAV does not include the effect of sales charges. If reflected, the performance shown would have been lower. Performance including sales charges reflects the maximum applicable front-end sales load and thus the lowest possible performance after sales charges. Your sales charges could be lower.**

**Past performance is not a guarantee of future results. As with any mutual fund, the value of the Fund's shares will change, and you could lose money on your investment.**

**Certain U.S. government securities in which the Fund may invest, such as Treasury securities and securities issued by the Government National Mortgage Association (Ginnie Mae), are backed by the full faith and credit of the U.S. government. However, other government securities in which the Fund may invest, such as securities issued by the Federal National Mortgage Association (Fannie Mae), the Federal Home Loan Mortgage Corporation (Freddie Mac) and the Federal Home Loan Banks (FHLB), are not backed by the full faith and credit of the U.S. government, are not insured or guaranteed by the U.S. government and, instead, may be supported only by the right of the issuer to borrow from the U.S. Treasury or by the credit of the issuer.**

**Fixed-income securities are subject to interest rate risk and, as such, the Fund's net asset value may fall as interest rates rise. These and other risks are more fully described in the Fund's prospectus.**

**The opinions expressed in this report are those of the portfolio manager and are current only through the end of the period of the report as stated on the cover. The manager's views are subject to change at any time based on market and other conditions, and no forecasts can be guaranteed.**

**The index noted is unmanaged and includes reinvested dividends. One cannot invest directly in an index, nor is an index representative of the Ivy Limited-Term Bond Fund.**

[Table of Contents](#)**PORTFOLIO HIGHLIGHTS****IVY LIMITED-TERM BOND FUND**

ALL DATA IS AS OF MARCH 31, 2021 (UNAUDITED)

**Asset Allocation**

<b>Bonds</b>	<b>98.6%</b>
Corporate Debt Securities	59.5%
United States Government and Government Agency Obligations	36.4%
Asset-Backed Securities	1.9%
Mortgage-Backed Securities	0.8%
<b>Liabilities (Net of Cash and Other Assets), and Cash Equivalents+</b>	<b>1.4%</b>

**Quality Weightings**

<b>Investment Grade</b>	<b>89.0%</b>
AAA	19.8%
AA	9.0%
A	18.1%
BBB	42.1%
<b>Non-Investment Grade</b>	<b>9.6%</b>
BB	4.2%
Non-rated	5.4%
<b>Liabilities (Net of Cash and Other Assets), and Cash Equivalents+</b>	<b>1.4%</b>

*Our preference is to always use ratings obtained from Standard & Poor's, Moody's, and Fitch. It is each Portfolio's general policy to classify such security at the lower rating level if only two ratings are available. If more than two ratings are available and a median exists, the median is used. If more than two ratings exist without a median, the lower of the two middle ratings is used. We do not evaluate these ratings, but simply assign them to the appropriate credit quality category as determined by the rating agency.*

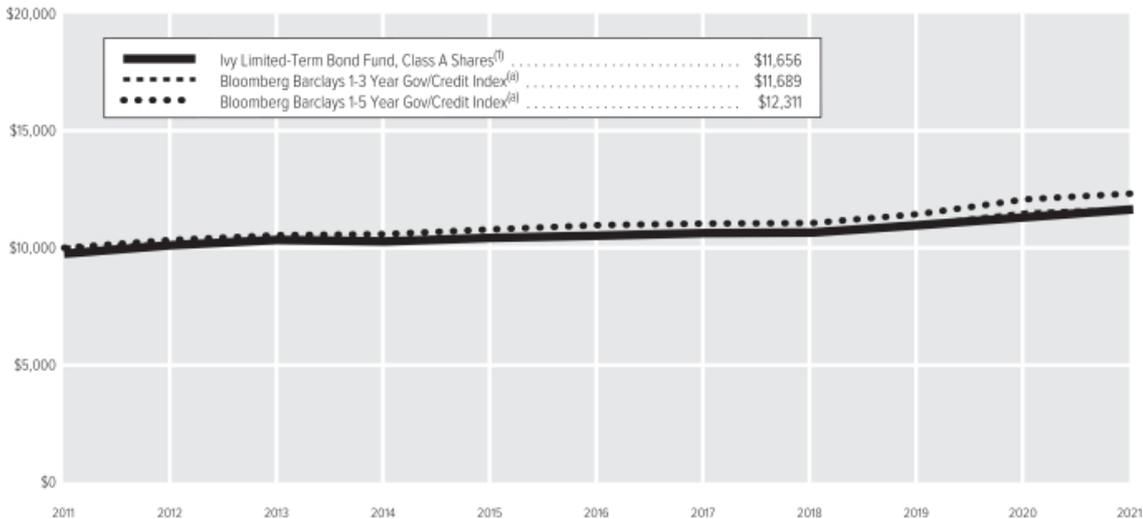
*+Cash equivalents are defined as highly liquid securities with maturities of less than three months. Cash equivalents may include U.S. Government Treasury bills, bank certificates of deposit, bankers' acceptances, corporate commercial paper and other money market instruments.*

[Table of Contents](#)

## COMPARISON OF CHANGE IN VALUE OF \$10,000 INVESTMENT

## IVY LIMITED-TERM BOND FUND

(UNAUDITED)



Please note that the performance of the Fund's other share classes will be greater or less than the performance shown above for Class A based on the differences in loads and fees paid by shareholders investing in the different classes.

(1) The value of the investment in the Fund is impacted by the sales load at the time of the investment and by the ongoing expenses of the Fund and assumes reinvestment of dividends and distributions.

Average Annual Total Return <sup>(2)</sup>	Class A <sup>(3)</sup>	Class B <sup>(4)</sup>	Class C	Class E <sup>(3)</sup>	Class I	Class N	Class R	Class Y
1-year period ended 3-31-21	0.41%	-2.03%	2.23%	0.37%	3.21%	3.37%	2.61%	2.99%
5-year period ended 3-31-21	1.54%	0.94%	1.29%	1.48%	2.29%	2.45%	1.69%	2.06%
10-year period ended 3-31-21	1.54%	1.11%	1.19%	1.46%	2.04%	—	—	1.80%
Since Inception of Class through 3-31-21 <sup>(5)</sup>	—	—	—	—	—	2.24%	1.16%	—

(2) Data quoted is past performance and is based on deduction of the maximum applicable sales load for each of the periods. Current performance may be lower or higher. Past performance is no guarantee of future results. Investment return and principal value of an investment will fluctuate and shares, when redeemed, may be worth more or less than their original cost. Please visit [www.ivyinvestments.com](http://www.ivyinvestments.com) for the Fund's most recent month end performance. Class A and Class E Shares carry a maximum front-end sales load of 2.50%. Class B and Class C shares carry a maximum contingent deferred sales charge (CDSC) of 5% and 1%, respectively (the Class C shares reflect no CDSC since it only applies to Class C shares redeemed within twelve months after purchase). Class I, Class N, Class R and Class Y shares are not subject to sales charges.

(3) Class A and E shares carry a CDSC on shares purchased at net asset value for \$250,000 or more that are subsequently redeemed within 12 months of purchase.

(4) Class B shares are not currently available for direct investment. However, they are available for dividend reinvestment and exchange of the same class shares of another Ivy Fund.

(5) 7-31-14 for Class N shares and 12-19-12 for Class R shares (the date on which shares were first acquired by shareholders).

Past performance is not necessarily indicative of future performance. Indexes are unmanaged. The performance graph and table do not reflect the deduction of taxes that a shareholder would pay on Fund distributions or on the redemption of Fund shares. Performance results may include the effect of expense reduction arrangements for some or all of the periods shown. If those arrangements had not been in place, the performance results for those periods would have been lower.

(a) Effective April 30, 2020, the Fund's new benchmark is the Bloomberg Barclays 1-3 Year Gov/Credit Index. IICO believes that this index is more reflective of the types of securities that the Fund invests in. Both the new benchmark and the Fund's previous benchmark noted above are included for comparison purposes.

[Table of Contents](#)**SCHEDULE OF INVESTMENTS****IVY LIMITED-TERM BOND FUND** (in thousands)

MARCH 31, 2021

ASSET-BACKED SECURITIES	Principal	Value
American Airlines Class AA Pass-Through Certificates, Series 2016-2, 3.200%, 6-15-28	\$ 2,429	\$ 2,418
SBA Tower Trust, Series 2014-2 (GTD by SBA Guarantor LLC and SBA Holdings LLC), 3.869%, 10-8-24 (A)	6,500	6,887
SBA Tower Trust, Series 2017-1C (GTD by SBA Guarantor LLC and SBA Holdings LLC), 3.168%, 4-11-22 (A)	3,750	3,757
SBA Tower Trust, Series 2019-1C (GTD by SBA Guarantor LLC and SBA Holdings LLC), 2.836%, 1-15-25 (A)	5,840	6,126
SBA Tower Trust, Series 2020-1 (GTD by SBA Guarantor LLC and SBA Holdings LLC), 1.884%, 1-15-26 (A)	3,222	3,261
<b>TOTAL ASSET-BACKED SECURITIES – 1.9%</b>		<b>\$22,449</b>
(Cost: \$22,383)		

CORPORATE DEBT SECURITIES	Principal	Value
Communication Services		
Cable & Satellite – 1.2%		
Charter Communications Operating LLC and Charter Communications Operating Capital Corp., 4.500%, 2-1-24	7,300	7,984
Omnicom Group, Inc. and Omnicom Capital, Inc., 3.650%, 11-1-24	2,105	2,289
Viacom, Inc., 4.750%, 5-15-25	3,500	3,959
		<u>14,232</u>
Integrated Telecommunication Services – 2.8%		
AT&T, Inc.:		
4.125%, 2-17-26	3,341	3,742
1.700%, 3-25-26	3,650	3,649
2.950%, 7-15-26	3,750	4,035
Qwest Corp., 6.750%, 12-1-21	3,830	3,959
Sprint Corp., 7.875%, 9-15-23	5,130	5,864
Verizon Communications, Inc.:		
0.750%, 3-22-24	3,650	3,654
1.450%, 3-20-26	2,200	2,200
3.000%, 3-22-27	4,815	5,152
		<u>32,255</u>
Movies & Entertainment – 1.1%		
Netflix, Inc.:		
5.500%, 2-15-22	3,565	3,708
5.875%, 2-15-25	3,750	4,298
TWDC Enterprises 18 Corp., 7.550%, 7-15-93	3,650	4,274
		<u>12,280</u>

CORPORATE DEBT SECURITIES	Principal	Value
(Continued)		
Publishing – 0.3%		
Thomson Reuters Corp., 4.300%, 11-23-23	\$ 3,630	\$ 3,935
Wireless Telecommunication Service – 1.5%		
Crown Castle Towers LLC:		
3.222%, 5-15-22 (A)	7,830	7,877
3.720%, 7-15-23 (A)	3,000	3,118
3.663%, 5-15-25 (A)	2,050	2,185
Sprint Spectrum L.P., 3.360%, 9-20-21 (A)	813	819
T-Mobile USA, Inc., 3.500%, 4-15-25 (A)	3,500	3,776
		<u>17,775</u>
<b>Total Communication Services – 6.9%</b>		<b>80,477</b>
Consumer Discretionary		
Apparel Retail – 0.1%		
Kohl's Corp., 3.250%, 2-1-23	710	735
Apparel, Accessories & Luxury Goods – 0.7%		
PVH Corp., 4.625%, 7-10-25	3,650	4,012
VF Corp., 2.050%, 4-23-22	3,775	3,837
		<u>7,849</u>
Automobile Manufacturers – 1.2%		
General Motors Co., 4.875%, 10-2-23	4,223	4,623
Nissan Motor Co. Ltd., 3.043%, 9-15-23 (A)	3,750	3,923
Volkswagen Group of America, Inc., 0.875%, 11-22-23 (A)	5,150	5,171
		<u>13,717</u>
Automotive Retail – 0.3%		
7-Eleven, Inc., 0.800%, 2-10-24 (A)	2,000	1,993
AutoNation, Inc., 3.500%, 11-15-24	1,575	1,697
		<u>3,690</u>
Casinos & Gaming – 0.2%		
Genting New York LLC and Genny Capital, Inc., 3.300%, 2-15-26 (A)	1,950	1,947
GLP Capital L.P. and GLP Financing II, Inc., 5.375%, 11-1-23	765	835
		<u>2,782</u>
Department Stores – 0.1%		
Nordstrom, Inc., 2.300%, 4-8-24 (A)	730	731
General Merchandise Stores – 0.4%		
Dollar General Corp., 3.250%, 4-15-23	4,770	5,019

CORPORATE DEBT SECURITIES	Principal	Value
(Continued)		
Homebuilding – 0.8%		
D.R. Horton, Inc., 2.600%, 10-15-25	\$ 2,139	\$ 2,250
Lennar Corp.:		
4.125%, 1-15-22	3,000	3,047
4.750%, 11-15-22 (B)	4,171	4,374
		<u>9,671</u>
Internet & Direct Marketing Retail – 0.2%		
Expedia Group, Inc., 3.600%, 12-15-23 (A)	2,225	2,368
<b>Total Consumer Discretionary – 4.0%</b>		<b>46,562</b>
Consumer Staples		
Agricultural Products – 0.3%		
Cargill, Inc., 1.375%, 7-23-23 (A)	3,000	3,062
Brewers – 0.2%		
Anheuser-Busch InBev Worldwide, Inc. (GTD by AB INBEV/BBR/COB), 4.150%, 1-23-25	2,650	2,945
Distillers & Vintners – 1.2%		
Constellation Brands, Inc.:		
3.200%, 2-15-23	7,750	8,109
4.250%, 5-1-23	2,500	2,682
Diageo Capital plc (GTD by Diageo plc), 3.500%, 9-18-23	3,500	3,751
		<u>14,542</u>
Food Distributors – 0.7%		
McCormick & Co., Inc.:		
3.500%, 9-1-23	1,320	1,402
0.900%, 2-15-26	2,975	2,900
Sysco Corp., 5.650%, 4-1-25	3,500	4,070
		<u>8,372</u>
Food Retail – 0.3%		
Alimentation Couche-Tard, Inc., 2.700%, 7-26-22 (A)	3,385	3,474
Packaged Foods & Meats – 0.3%		
Campbell Soup Co., 3.950%, 3-15-25	2,875	3,159
Soft Drinks – 0.9%		
Coca-Cola Refreshments USA, Inc., 8.000%, 9-15-22	6,375	7,076
Keurig Dr Pepper, Inc.:		
4.057%, 5-25-23	1,343	1,441
0.750%, 3-15-24	1,820	1,820
		<u>10,337</u>
<b>Total Consumer Staples – 3.9%</b>		<b>45,891</b>

[Table of Contents](#)**SCHEDULE OF INVESTMENTS****IVY LIMITED-TERM BOND FUND** (in thousands)

MARCH 31, 2021

**CORPORATE DEBT SECURITIES**

(Continued)	Principal	Value
<b>Energy</b>		
Oil & Gas Exploration & Production – 0.6%		
Aker BP ASA, 2.875%, 1–15–26 (A)	\$ 3,675	\$ 3,795
EQT Corp., 3.000%, 10–1–22	2,950	<u>2,999</u>
		<u>6,794</u>
Oil & Gas Refining & Marketing – 0.2%		
HollyFrontier Corp., 2.625%, 6–30–24	2,925	<u>3,014</u>
Oil & Gas Storage & Transportation – 2.5%		
Cheniere Corpus Christi Holdings LLC, 7.000%, 6–30–24	1,500	1,726
Enbridge, Inc., 2.900%, 7–15–22	2,913	2,996
EQT Midstream Partners L.P., 4.750%, 7–15–23	1,179	1,223
Galaxy Pipeline Assets BidCo Ltd., 1.750%, 9–30–27 (A)	4,200	4,198
Kinder Morgan Energy Partners L.P., 3.450%, 2–15–23	4,090	4,282
Midwest Connector Capital Co. LLC, 3.625%, 4–1–22 (A)	4,450	4,514
Plains All American Pipeline L.P. and PAA Finance Corp., 3.850%, 10–15–23	6,200	6,559
Sunoco Logistics Partners Operations L.P. (GTD by Sunoco Logistics Partners L.P.), 4.250%, 4–1–24	3,200	<u>3,467</u>
		<u>28,965</u>
<b>Total Energy – 3.3%</b>		<b>38,773</b>
<b>Financials</b>		
Asset Management & Custody Banks – 1.7%		
Ares Capital Corp.: 3.625%, 1–19–22	1,030	1,051
3.500%, 2–10–23	2,750	2,867
4.250%, 3–1–25	3,715	3,986
Brookfield Finance, Inc. (GTD by Brookfield Asset Management, Inc.), 4.000%, 4–1–24	3,200	3,475
Citadel Finance LLC, 3.375%, 3–9–26 (A)	3,850	3,809
National Securities Clearing Corp., 1.200%, 4–23–23 (A)	1,028	1,044
Owl Rock Capital Corp., 3.400%, 7–15–26	3,700	<u>3,748</u>
		<u>19,980</u>
Consumer Finance – 3.1%		
Ally Financial, Inc.: 1.450%, 10–2–23	8,200	8,324
5.800%, 5–1–25	5,850	6,781
Caterpillar Financial Services Corp., 0.450%, 9–14–23	3,000	3,001

**CORPORATE DEBT SECURITIES**

(Continued)	Principal	Value
<b>Consumer Finance (Continued)</b>		
CenterPoint Energy Resources Corp., 0.700%, 3–2–23	\$ 1,450	\$ 1,449
Discover Bank: 3.350%, 2–6–23	4,650	4,865
2.450%, 9–12–24	2,200	2,303
Ford Motor Credit Co. LLC, 3.470%, 4–5–21	1,000	1,000
General Motors Financial Co., Inc. (GTD by AmeriCredit Financial Services, Inc.): 4.200%, 11–6–21	5,260	5,374
5.200%, 3–20–23	1,000	1,084
Hyundai Capital America, 1.250%, 9–18–23 (A)	2,200	<u>2,216</u>
		<u>36,397</u>
Diversified Banks – 5.9%		
Bank of America Corp.: 4.100%, 7–24–23	5,850	6,320
4.125%, 1–22–24	3,000	3,279
4.200%, 8–26–24	3,675	4,053
4.000%, 1–22–25	4,000	4,381
Bank of Montreal, 2.050%, 11–1–22	5,000	5,135
Mitsubishi UFJ Financial Group, Inc.: 2.998%, 2–22–22	2,000	2,046
0.848%, 9–15–24	3,500	3,504
Mizuho Financial Group, Inc., 0.849%, 9–8–24	4,700	4,710
National Bank of Canada, 2.100%, 2–1–23	3,600	3,701
Sumitomo Mitsui Financial Group, Inc., 2.784%, 7–12–22	4,290	4,417
Sumitomo Mitsui Trust Bank Ltd., 0.800%, 9–12–23 (A)	3,700	3,710
Svenska Handelsbanken AB, 0.625%, 6–30–23 (A)	3,500	3,512
Synchrony Bank, 3.000%, 6–15–22	3,500	3,595
U.S. Bancorp: 2.375%, 7–22–26	2,275	2,373
5.125%, 1–15–68 (C)	8,000	8,010
Wells Fargo & Co., 3.000%, 4–22–26	6,375	<u>6,812</u>
		<u>69,558</u>
Financial Exchanges & Data – 1.0%		
Intercontinental Exchange, Inc.: 0.700%, 6–15–23	3,700	3,712
3.450%, 9–21–23	3,500	3,737
Moody's Corp., 2.625%, 1–15–23	3,750	<u>3,887</u>
		<u>11,336</u>
Investment Banking & Brokerage – 3.5%		
Charles Schwab Corp. (The), 0.900%, 3–11–26	7,400	7,304
E*TRADE Financial Corp., 2.950%, 8–24–22	4,765	4,921

**CORPORATE DEBT SECURITIES**

(Continued)	Principal	Value
<b>Investment Banking &amp; Brokerage (Continued)</b>		
Goldman Sachs Group, Inc. (The): 3.850%, 7–8–24	\$ 5,000	\$ 5,434
4.250%, 10–21–25	7,209	8,047
0.870%, 12–9–26	3,700	3,698
Morgan Stanley: 3.700%, 10–23–24	3,650	3,996
3.125%, 7–27–26	5,865	6,312
Morgan Stanley (3-Month U.S. LIBOR plus 110 bps), 4.000%, 5–31–23 (D)	1,700	<u>1,775</u>
		<u>41,487</u>
Life & Health Insurance – 1.9%		
Aflac, Inc., 1.125%, 3–15–26	3,650	3,620
MassMutual Global Funding II, 2.250%, 7–1–22 (A)	3,750	3,840
Metropolitan Life Global Funding I, 0.900%, 6–8–23 (A)	3,750	3,783
New York Life Global Funding, 0.850%, 1–15–26 (A)	5,000	4,886
Protective Life Global Funding, 0.631%, 10–13–23 (A)	2,250	2,256
Reliance Standard Life Insurance II, 2.150%, 1–21–23 (A)	3,600	<u>3,695</u>
		<u>22,080</u>
Multi-Line Insurance – 0.6%		
Athene Global Funding: 2.800%, 5–26–23 (A)	4,500	4,694
0.950%, 1–8–24 (A)	3,000	<u>2,998</u>
		<u>7,692</u>
Other Diversified Financial Services – 2.8%		
Citigroup, Inc.: 3.500%, 5–15–23	4,140	4,380
2.876%, 7–24–23	3,653	3,763
0.776%, 10–30–24	3,700	3,697
5.500%, 9–13–25	1,900	2,202
JPMorgan Chase & Co.: 3.875%, 9–10–24	2,542	2,787
0.653%, 9–16–24	3,000	3,006
1.045%, 11–19–26	10,900	10,646
USAA Capital Corp., 1.500%, 5–1–23 (A)	2,000	<u>2,043</u>
		<u>32,524</u>
Regional Banks – 0.5%		
First Horizon National Corp., 3.550%, 5–26–23	6,000	<u>6,343</u>
Specialized Finance – 1.2%		
AerCap Ireland Capital Ltd. and AerCap Global Aviation Trust: 3.300%, 1–23–23	3,150	3,266
4.500%, 9–15–23	1,333	1,434
Corporacion Andina de Fomento, 2.375%, 5–12–23	1,500	1,548
Fidelity National Financial, Inc., 5.500%, 9–1–22	3,700	3,951

2021 ANNUAL REPORT 83

[Table of Contents](#)**SCHEDULE OF INVESTMENTS****IVY LIMITED-TERM BOND FUND** (in thousands)

MARCH 31, 2021

**CORPORATE DEBT SECURITIES**

(Continued)	Principal	Value
Specialized Finance (Continued)		
FS KKR Capital Corp., 4.750%, 5-15-22	\$ 2,100	\$ 2,174
LSEGA Financing plc, 0.650%, 4-6-24 (A)	1,460	<u>1,456</u>
		<u>13,829</u>
<b>Total Financials – 22.2%</b>		<b>261,226</b>
Health Care		
Health Care Equipment – 0.6%		
Becton Dickinson & Co., 3.734%, 12-15-24	3,650	3,987
Boston Scientific Corp., 3.850%, 5-15-25	2,625	<u>2,900</u>
		<u>6,887</u>
Health Care Facilities – 0.6%		
HCA, Inc. (GTD by HCA Holdings, Inc.):		
4.750%, 5-1-23	1,870	2,016
5.875%, 5-1-23	4,323	<u>4,707</u>
		<u>6,723</u>
Pharmaceuticals – 1.7%		
AbbVie, Inc., 2.300%, 11-21-22	3,600	3,704
Bayer U.S. Finance II LLC, 2.850%, 4-15-25 (A)	2,581	2,654
Elanco Animal Health, Inc., 5.022%, 8-28-23 (B)	4,220	4,542
Royalty Pharma plc (GTD by Royalty Pharma Holdings Ltd.):		
0.750%, 9-2-23 (A)	5,200	5,195
1.200%, 9-2-25 (A)	3,940	<u>3,858</u>
		<u>19,953</u>
<b>Total Health Care – 2.9%</b>		<b>33,563</b>
Industrials		
Aerospace & Defense – 2.0%		
BAE Systems plc, 4.750%, 10-11-21 (A)	2,727	2,786
Boeing Co. (The):		
2.200%, 10-30-22	5,500	5,600
2.800%, 3-1-23	5,623	5,827
Harris Corp., 3.832%, 4-27-25	2,225	2,437
Park Aerospace Holdings Ltd.:		
5.250%, 8-15-22 (A)	750	787
5.500%, 2-15-24 (A)	3,700	4,022
Raytheon Technologies Corp., 2.500%, 12-15-22	2,500	<u>2,571</u>
		<u>24,030</u>
Agricultural & Farm Machinery – 0.6%		
CNH Industrial Capital LLC (GTD by CNH Industrial Capital America LLC and New Holland Credit Co. LLC), 1.950%, 7-2-23	3,250	3,337

**CORPORATE DEBT SECURITIES**

(Continued)	Principal	Value
Agricultural & Farm Machinery (Continued)		
John Deere Capital Corp., 0.700%, 7-5-23	\$ 3,750	<u>\$ 3,779</u>
		<u>7,116</u>
Airlines – 0.7%		
Aviation Capital Group LLC, 4.375%, 1-30-24 (A)	3,000	3,189
Delta Air Lines, Inc., 3.400%, 4-19-21	4,550	<u>4,550</u>
		<u>7,739</u>
Diversified Support Services – 0.2%		
Genpact Luxembourg S.a.r.l. and Genpact USA, Inc., 1.750%, 4-10-26	2,900	<u>2,881</u>
Electrical Components & Equipment – 0.2%		
Vontier Corp., 1.800%, 4-1-26 (A)	2,185	<u>2,174</u>
Environmental & Facilities Services – 1.1%		
Republic Services, Inc., 0.875%, 11-15-25	2,200	2,153
Waste Management, Inc. (GTD by Waste Management Holdings, Inc.):		
2.400%, 5-15-23	6,035	6,257
0.750%, 11-15-25	5,045	<u>4,938</u>
		<u>13,348</u>
Industrial Conglomerates – 0.3%		
General Electric Capital Corp., 5.012%, 1-1-24	3,027	<u>3,184</u>
Industrial Machinery – 0.2%		
Roper Technologies, Inc., 0.450%, 8-15-22	2,000	<u>1,999</u>
Research & Consulting Services – 0.4%		
IHS Markit Ltd., 5.000%, 11-1-22 (A)	4,285	<u>4,514</u>
<b>Total Industrials – 5.7%</b>		<b>66,985</b>
Information Technology		
Application Software – 0.5%		
Infor, Inc., 1.450%, 7-15-23 (A)	2,580	2,612
NXP B.V. and NXP Funding LLC, 3.875%, 6-18-26 (A)	3,000	<u>3,302</u>
		<u>5,914</u>
Communications Equipment – 0.1%		
Motorola Solutions, Inc., 3.500%, 3-1-23	900	<u>946</u>
Data Processing & Outsourced Services – 1.2%		
Fidelity National Information Services, Inc., 0.600%, 3-1-24	3,635	3,614

**CORPORATE DEBT SECURITIES**

(Continued)	Principal	Value
Data Processing & Outsourced Services (Continued)		
Global Payments, Inc., 2.650%, 2-15-25	\$ 4,125	\$ 4,334
PayPal Holdings, Inc., 1.350%, 6-1-23	5,750	<u>5,852</u>
		<u>13,800</u>
Electronic Components – 0.1%		
Maxim Integrated Products, Inc., 3.375%, 3-15-23	675	<u>707</u>
Internet Services & Infrastructure – 0.1%		
Baidu, Inc., 1.720%, 4-9-26	1,050	<u>1,045</u>
IT Consulting & Other Services – 0.5%		
Leidos, Inc. (GTD by Leidos Holdings, Inc.), 2.950%, 5-15-23 (A)	5,525	<u>5,776</u>
Semiconductors – 0.4%		
Broadcom Corp. and Broadcom Cayman Finance Ltd. (GTD by Broadcom Ltd.), 3.625%, 1-15-24	1,350	1,446
Xilinx, Inc., 2.950%, 6-1-24	3,675	<u>3,901</u>
		<u>5,347</u>
Systems Software – 0.2%		
Fortinet, Inc., 1.000%, 3-15-26	2,905	<u>2,840</u>
Technology Hardware, Storage & Peripherals – 0.8%		
Apple, Inc., 3.000%, 2-9-24	7,162	7,643
Seagate HDD Cayman (GTD by Seagate Technology plc), 4.750%, 6-1-23	1,950	<u>2,074</u>
		<u>9,717</u>
<b>Total Information Technology – 3.9%</b>		<b>46,092</b>
Materials		
Diversified Chemicals – 0.2%		
DowDuPont, Inc., 4.205%, 11-15-23	2,450	<u>2,661</u>
Fertilizers & Agricultural Chemicals – 0.4%		
Mosaic Co. (The):		
3.250%, 11-15-22	2,314	2,404
4.250%, 11-15-23	750	810
Nutrien Ltd., 1.900%, 5-13-23	1,500	<u>1,538</u>
		<u>4,752</u>

[Table of Contents](#)**SCHEDULE OF INVESTMENTS****IVY LIMITED-TERM BOND FUND** (in thousands)

MARCH 31, 2021

**CORPORATE DEBT SECURITIES**

(Continued)	Principal	Value
Paper Packaging – 0.3%		
Graphic Packaging International LLC (GTD by Graphic Packaging International Partners LLC and Field Container Queretaro (USA) LLC), 0.821%, 4-15-24 (A)	\$ 3,650	\$ 3,640
<b>Total Materials – 0.9%</b>		<b>11,053</b>
<b>Real Estate</b>		
Industrial REITs – 0.2%		
Avolon Holdings Funding Ltd., 4.250%, 4-15-26 (A)	2,200	2,304
Specialized REITs – 2.2%		
American Tower Corp.: 3.070%, 3-15-23 (A)	8,265	8,362
0.600%, 1-15-24	3,700	3,694
Crown Castle International Corp.: 3.150%, 7-15-23	1,195	1,266
1.050%, 7-15-26	4,350	4,212
CyrusOne L.P. and CyrusOne Finance Corp. (GTD by CyrusOne, Inc.), 2.900%, 11-15-24	3,000	3,170
Equinix, Inc.: 2.625%, 11-18-24	1,840	1,939
1.000%, 9-15-25 (C)	3,675	3,608
		<u>26,251</u>
<b>Total Real Estate – 2.4%</b>		<b>28,555</b>
<b>Utilities</b>		
Electric Utilities – 2.7%		
American Transmission Systems, Inc., 5.250%, 1-15-22 (A)	775	799
CenterPoint Energy, Inc., 2.500%, 9-1-22	4,000	4,108
Edison International, 3.550%, 11-15-24	3,700	3,975
Eergy, Inc., 5.292%, 6-15-22 (B)	2,890	3,016
FirstEnergy Corp., 2.850%, 7-15-22	4,948	5,022
MidAmerican Energy Co., 3.700%, 9-15-23	3,000	3,206
National Rural Utilities Cooperative Finance Corp., 1.000%, 6-15-26	2,200	2,143
Southern Co. (The), 0.600%, 2-26-24	3,635	3,612
Virginia Electric and Power Co., Series C, 2.750%, 3-15-23	5,765	5,978
		<u>31,859</u>
Multi-Utilities – 0.7%		
Dominion Energy Gas Holdings LLC, 3.550%, 11-1-23	3,765	4,006

**CORPORATE DEBT SECURITIES**

(Continued)	Principal	Value
Multi-Utilities (Continued)		
Pacific Gas and Electric Co. (3-Month U.S. LIBOR plus 137.50 bps), 1.573%, 11-15-21 (D)	\$ 3,700	\$ 3,707
		<u>7,713</u>
<b>Total Utilities – 3.4%</b>		<b>39,572</b>
<b>TOTAL CORPORATE DEBT SECURITIES – 59.5%</b>		<b>\$698,749</b>
(Cost: \$693,105)		
<b>MORTGAGE-BACKED SECURITIES</b>		
Non-Agency REMIC/CMO – 0.8%		
Wells Fargo Re-REMIC Trust, Series 2013-FRR1, Class AK16, 0.000%, 12-27-43 (A)(E)	3,000	2,944
Wells Fargo Re-REMIC Trust, Series 2013-FRR1, Class BK20, 0.000%, 5-27-45 (A)(E)	6,353	6,013
		<u>8,957</u>
<b>TOTAL MORTGAGE-BACKED SECURITIES – 0.8%</b>		<b>\$ 8,957</b>
(Cost: \$8,657)		
<b>UNITED STATES GOVERNMENT AGENCY OBLIGATIONS</b>		
Agency Obligations – 0.5%		
U.S. Department of Transportation, 6.001%, 12-7-21 (A)	6,025	6,249
Mortgage-Backed Obligations – 12.6%		
Federal Home Loan Mortgage Corp. Agency REMIC/CMO (1-Month U.S. LIBOR plus 185 bps), 1.969%, 8-25-25 (A)(D)	3,076	3,017
Federal Home Loan Mortgage Corp. Agency REMIC/CMO (1-Month U.S. LIBOR plus 205 bps), 2.169%, 6-25-28 (A)(D)	1,789	1,761
Federal Home Loan Mortgage Corp. Agency REMIC/CMO (1-Month U.S. LIBOR plus 215 bps), 2.269%, 1-25-27 (A)(D)	1,795	1,772
Federal Home Loan Mortgage Corp. Agency REMIC/CMO (1-Month U.S. LIBOR plus 220 bps): 2.320%, 7-25-26 (A)(D)	3,682	3,682
2.319%, 4-25-29 (A)(D)	1,930	1,923
Federal Home Loan Mortgage Corp. Agency REMIC/CMO (1-Month U.S. LIBOR plus 225 bps), 2.369%, 12-25-29 (A)(D)	3,733	3,699

**UNITED STATES GOVERNMENT**

(Continued)	Principal	Value
<b>AGENCY OBLIGATIONS (Continued)</b>		
Mortgage-Backed Obligations (Continued)		
Federal Home Loan Mortgage Corp. Agency REMIC/CMO (1-Month U.S. LIBOR plus 230 bps): 2.419%, 8-25-29 (A)(D)	\$ 4,221	\$ 4,227
2.419%, 9-25-29 (A)(D)	1,549	1,554
Federal Home Loan Mortgage Corp. Agency REMIC/CMO (1-Month U.S. LIBOR plus 235 bps), 2.469%, 2-25-26 (A)(D)	4,512	4,512
Federal Home Loan Mortgage Corp. Agency REMIC/CMO (1-Month U.S. LIBOR plus 245 bps), 2.569%, 11-25-29 (A)(D)	3,650	3,669
Federal Home Loan Mortgage Corp. Agency REMIC/CMO (1-Month U.S. LIBOR plus 250 bps), 2.619%, 11-25-24 (A)(D)	2,626	2,624
Federal Home Loan Mortgage Corp. Agency REMIC/CMO (1-Month U.S. LIBOR plus 255 bps), 2.669%, 6-25-27 (A)(D)	969	963
Federal Home Loan Mortgage Corp. Agency REMIC/CMO (1-Month U.S. LIBOR plus 265 bps), 2.769%, 5-25-27 (A)(D)	2,211	2,231
Federal Home Loan Mortgage Corp. Agency REMIC/CMO (1-Month U.S. LIBOR plus 768 bps), 7.799%, 2-25-23 (A)	1,737	1,758
Federal Home Loan Mortgage Corp. Agency REMIC/CMO (Mortgage spread to 1-Month U.S. LIBOR), 4.119%, 9-25-22 (A)(D)	2,358	2,358
Federal Home Loan Mortgage Corp. Agency REMIC/CMO (Mortgage spread to 2-year U.S. Treasury index): 3.498%, 8-25-46 (A)(D)	3,750	3,936
3.625%, 11-25-47 (A)(D)	3,500	3,528
Federal Home Loan Mortgage Corp. Agency REMIC/CMO (Mortgage spread to 3-year U.S. Treasury index): 3.394%, 7-25-22 (A)(D)	3,000	3,093
3.632%, 7-25-46 (A)(D)	3,000	3,146
3.935%, 12-25-46 (A)(D)	3,855	4,139
3.535%, 2-25-48 (A)(D)	5,245	5,312
3.648%, 11-25-50 (A)(D)	910	958
Federal Home Loan Mortgage Corp. Agency REMIC/CMO (Mortgage spread to 5-year U.S. Treasury index): 3.485%, 11-25-23 (A)(D)	1,500	1,564
3.583%, 11-25-23 (A)(D)	15,799	16,600
3.868%, 5-25-45 (A)(D)	6,500	6,712
3.556%, 6-25-45 (A)(D)	1,000	1,049
3.498%, 8-25-46 (A)(D)	3,000	3,180
3.562%, 11-25-47 (A)(D)	4,470	4,630
3.535%, 2-25-48 (A)(D)	4,000	4,080
3.588%, 6-25-48 (A)(D)	2,500	2,687

2021 ANNUAL REPORT 85

[Table of Contents](#)**SCHEDULE OF INVESTMENTS****IVY LIMITED-TERM BOND FUND** (in thousands)

MARCH 31, 2021

**UNITED STATES GOVERNMENT  
AGENCY OBLIGATIONS**

(Continued)	Principal	Value
Mortgage-Backed Obligations (Continued)		
Federal Home Loan Mortgage Corp.		
Agency REMIC/CMO (Mortgage spread to 7-year U.S. Treasury index):		
3.731%, 6-25-22 (A)(D)	\$ 11,098	\$ 11,394
4.055%, 5-25-25 (A)(D)	985	1,069
3.678%, 11-25-49 (A)(D)	5,100	5,447
3.648%, 11-25-50 (A)(D)	12,055	12,852
Federal National Mortgage Association Agency REMIC/CMO:		
2.000%, 10-25-41	6,813	7,031
2.000%, 12-25-42	249	249
Federal National Mortgage Association Fixed Rate Pass-Through Certificates:		
4.244%, 6-1-21	719	719
5.500%, 2-1-22	—*	—*
Government National Mortgage Association Agency REMIC/CMO, 2.000%, 3-16-42	2,792	2,882
Government National Mortgage Association Fixed Rate Pass-Through Certificates, 3.500%, 4-20-34	1,860	1,967
		147,974
<b>TOTAL UNITED STATES GOVERNMENT AGENCY OBLIGATIONS – 13.1%</b>		<b>\$154,223</b>
(Cost: \$150,202)		

**UNITED STATES GOVERNMENT  
OBLIGATIONS**

Treasury Obligations – 23.3%		
U.S. Treasury Notes:		
1.500%, 11-30-21	21,400	21,604
2.000%, 12-31-21	5,000	5,072

**UNITED STATES GOVERNMENT  
OBLIGATIONS (Continued)**

(Continued)	Principal	Value
Treasury Obligations (Continued)		
1.500%, 1-31-22	\$ 13,250	\$ 13,407
2.000%, 2-15-22	11,000	11,186
1.875%, 2-28-22	20,250	20,581
1.750%, 5-31-22	14,500	14,777
1.750%, 7-15-22	34,000	34,719
2.000%, 7-31-22	16,500	16,914
1.375%, 10-15-22	1,000	1,019
2.000%, 10-31-22	42,500	43,747
2.125%, 12-31-22	20,000	20,687
1.500%, 1-15-23	11,500	11,776
2.500%, 3-31-23	30,950	32,392
2.750%, 4-30-23	19,250	20,273
0.125%, 1-15-24	5,000	4,975
		273,129
<b>TOTAL UNITED STATES GOVERNMENT OBLIGATIONS – 23.3%</b>		<b>\$273,129</b>
(Cost: \$265,447)		

**SHORT-TERM SECURITIES**

Commercial Paper (F) – 0.6%		
American Honda Finance Corp. (GTD by Honda Motor Co.), 0.120%, 4-6-21	1,000	1,000
Duke Energy Corp., 0.120%, 4-1-21	3,700	3,700
General Motors Financial Co., Inc.: 0.280%, 4-1-21	1,250	1,250
0.290%, 4-7-21	700	700
		6,650
Master Note – 0.1%		
Toyota Motor Credit Corp. (1-Week U.S. LIBOR plus 25 bps), 0.340%, 4-7-21 (G)	1,694	1,694

**SHORT-TERM SECURITIES  
(Continued)**

(Continued)	Principal	Value
United States Government Agency Obligations – 0.4%		
U.S. International Development Finance Corp. (GTD by U.S. Government) (3-Month U.S. TB Rate), 0.090%, 4-7-21 (G)	\$ 4,583	\$ 4,583
	<b>Shares</b>	
Money Market Funds (I) – 0.3%		
Dreyfus Institutional Preferred Government Money Market Fund – Institutional Shares, 0.010% (H)	2,969	2,969
State Street Institutional U.S. Government Money Market Fund – Premier Class, 0.040%	862	862
		3,831
<b>TOTAL SHORT-TERM SECURITIES – 1.4%</b>		<b>\$ 16,758</b>
(Cost: \$16,758)		
<b>TOTAL INVESTMENT SECURITIES – 100.0%</b>		<b>\$1,174,265</b>
(Cost: \$1,156,552)		
<b>LIABILITIES, NET OF CASH AND OTHER ASSETS – 0.0%</b>		<b>(38)</b>
<b>NET ASSETS – 100.0%</b>		<b>\$1,174,227</b>

**Notes to Schedule of Investments**

\*Not shown due to rounding.

- (A) Securities were purchased pursuant to an exemption from registration available under Rule 144A under the Securities Act of 1933 and may only be resold in transactions exempt from registration, normally to qualified institutional buyers. At March 31, 2021 the total value of these securities amounted to \$323,230 or 27.5% of net assets.
- (B) Step bond that pays an initial coupon rate for the first period and then a higher or lower coupon rate for the following periods. Interest rate disclosed is that which is in effect at March 31, 2021.
- (C) All or a portion of securities with an aggregate value of \$9,291 are on loan.
- (D) Variable rate security. Interest rate disclosed is that which is in effect at March 31, 2021. Description of the reference rate and spread, if applicable, are included in the security description.
- (E) Zero coupon bond.
- (F) Rate shown is the yield to maturity at March 31, 2021.
- (G) Variable rate security. Interest rate disclosed is that which is in effect at March 31, 2021. Date shown represents the date that the variable rate resets. Description of the reference rate and spread, if applicable, are included in the security description.
- (H) Investment made with cash collateral received from securities on loan.
- (I) Rate shown is the annualized 7-day yield at March 31, 2021.

[Table of Contents](#)**SCHEDULE OF INVESTMENTS****IVY LIMITED-TERM BOND FUND** *(in thousands)*

MARCH 31, 2021

The following table is a summary of the valuation of the Fund's investments by the fair value hierarchy levels as of March 31, 2021. See Note 3 to the Financial Statements for further information regarding fair value measurement.

	Level 1	Level 2	Level 3
<b>Assets</b>			
Investments in Securities			
Asset-Backed Securities	\$ —	\$ 22,449	\$ —
Corporate Debt Securities	—	698,749	—
Mortgage-Backed Securities	—	8,957	—
United States Government Agency Obligations	—	154,223	—
United States Government Obligations	—	273,129	—
Short-Term Securities	3,831	12,927	—
Total	<u>\$ 3,831</u>	<u>\$ 1,170,434</u>	<u>\$ —</u>

The following acronyms are used throughout this schedule:

CMO = Collateralized Mortgage Obligation

GTD = Guaranteed

LIBOR = London Interbank Offered Rate

REMIC = Real Estate Mortgage Investment Conduit

REIT = Real Estate Investment Trust

TB = Treasury Bill

See Accompanying Notes to Financial Statements.

2021 ANNUAL REPORT 87

[Table of Contents](#)**MANAGEMENT DISCUSSION****IVY MANAGED INTERNATIONAL OPPORTUNITIES FUND**

(UNAUDITED)



John C. Maxwell

*Below, John C. Maxwell, CFA and Aaron D. Young, portfolio managers of the Ivy Managed International Opportunities Fund, discuss the positioning, performance and results for the fiscal year ended March 31, 2021. Mr. Maxwell and Mr. Young have managed the Fund since October 2016. Mr. Maxwell has 29 years of industry experience and Mr. Young has 15 years of industry experience.*

**Fiscal Year Performance**

For the 12 Months Ended March 31, 2021

<b>Ivy Managed International Opportunities Fund (Class A shares at net asset value)</b>	61.81%
<b>Ivy Managed International Opportunities Fund (Class A shares including sales charges)</b>	56.21%

Benchmark(s) and Morningstar Category

<b>MSCI ACWI ex U.S.A. Index</b>	49.41%
----------------------------------	--------

(generally reflects the performance of overseas stocks)

<b>Morningstar Foreign Large Blend Category Average</b>	48.07%
---	--------

(generally reflects the performance of the universe of funds with similar investment objectives)

*Please note that Fund returns include applicable fees and expenses, whereas index returns do not include any such fees. The performance discussion below is at net asset value (NAV).*



Aaron Young

**A year in review**

It was an astonishing fiscal year of returns for global equities as markets reflected a record rebound in economic activity and employment trends from the lows in the first quarter of 2020. Highly effective vaccines are rapidly inoculating populations, releasing pent-up demand and normalizing economic activity. Positive market action reflected this continued economic normalization and very strong pro-cyclical impulse over the past year.

Governments and central banks, globally, have provided and continue to provide unprecedented policy support to offset the negative economic effects of responses to the pandemic including monetary easing, fiscal stimulus and direct asset purchases. The U.S. Federal Reserve (Fed) continues its dovish tone with a very high bar for raising rates, which suggests monetary policy is less likely to hamper any improvements in growth and the Biden administration is endorsing additional fiscal spending programs in the U.S.

**Fund review**

The Fund experienced a tremendous positive return over the past fiscal year and outperformed its benchmark index and Morningstar peer group. Fund performance reflected the mix of returns in the underlying funds and their allocation weightings. The Ivy Emerging Markets Equity Fund contributed over half of the outperformance, followed by the Ivy Pzena International Value Fund and the Ivy International Small Cap Growth Fund. The Ivy Global Growth Fund and Ivy International Core Equity Fund were also modestly positive contributors to relative performance. The Ivy Global Equity Income Fund was the only detractor to performance and a very, very slight one at that.

The Fund ended the period with the following target asset allocation: Ivy International Core Equity Fund 31%, Ivy Emerging Markets Equity Fund 29%, and a 10% allocation each to Ivy Pzena International Value Fund, Ivy Global Growth Fund, Ivy International Small Cap Fund and Ivy Global Equity Income Fund to provide what we consider to be a well-diversified portfolio of international stocks.

**Outlook ahead**

Although the U.S. is making rapid progress, some global markets and economies continue to face significant challenges with the virus and distribution of vaccines as the pandemic continues. And despite the historical rebound in consumption and expenditures, previous levels of economic activity and employment have not been recovered. As populations are increasingly inoculated and low interest rates as well as trillions of dollars of stimulus continue working their way through the economy, activity is expected to continue its upward trajectory toward more normal levels. Although securities valuations are demanding, fiscal stimulus is expected to continue, which adds to the pro-cyclical impulse. The Fed's willingness to maintain accommodative monetary policy alleviates some upward pressure for interest rates, especially in shorter-dated markets. However, myriad risk factors remain, as always. Among these risks include the risk of inflation, higher interest rates, and valuation compression in equity securities that have already priced in much good news.

**Performance shown at NAV does not include the effect of sales charges. If reflected, the performance shown would have been lower. Performance including sales charges reflects the maximum applicable front-end sales load and thus the lowest possible performance after sales charges. Your sales charges could be lower.**

[Table of Contents](#)

---

**Past performance is not a guarantee of future results. The value of the Fund's shares will change, and you could lose money on your investment.**

**Diversification cannot ensure a profit or protect against loss in a declining market; it is a strategy used to manage risk.**

**International investing involves additional risks, including currency fluctuations, political or economic conditions affecting the foreign country, and differences in accounting standards and foreign regulations. These risks are magnified in emerging markets. The performance of the Fund will depend on the success of the allocations among the chosen underlying funds. Investing in a single region involves greater risk and potential reward than investing in a more diversified fund. These and other risks are more fully described in the Fund's prospectus.**

**The opinions expressed in this report are those of the Fund's portfolio managers and are current only through the end of the period of the report as stated on the cover. The portfolio managers' views are subject to change at any time based on market and other conditions, and no forecasts can be guaranteed.**

**The index noted is unmanaged, includes reinvested dividends and does not include fees. One cannot invest directly in an index, nor is an index representative of the Ivy Managed International Opportunities Fund.**

[Table of Contents](#)**PORTFOLIO HIGHLIGHTS****IVY MANAGED INTERNATIONAL OPPORTUNITIES FUND**

ALL DATA IS AS OF MARCH 31, 2021 (UNAUDITED)

**Ivy Managed International Opportunities Fund –  
Asset Allocation**

Ivy International Core Equity Fund, Class N	31.2%
Ivy Emerging Markets Equity Fund, Class N	27.8%
Ivy Pzena International Value Fund, Class N	11.4%
Ivy Global Equity Income Fund, Class N	10.1%
Ivy International Small Cap Fund, Class N	10.0%
Ivy Global Growth Fund, Class N	9.5%
Liabilities (Net of Cash and Other Assets), and Cash Equivalents+	0.0%

*The percentages of investments in the underlying funds may not currently be within the target allocation ranges disclosed in the Fund's prospectus due to market movements; these percentages are expected to change over time, and deviation from the target allocation ranges due to market movements is permitted by the prospectus.*

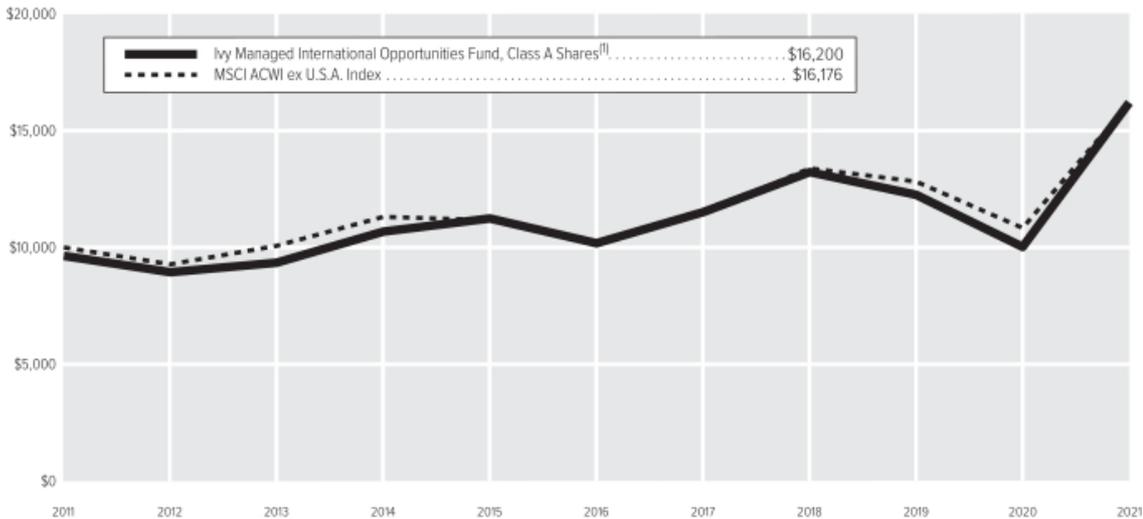
*+Cash equivalents are defined as highly liquid securities with maturities of less than three months. Cash equivalents may include U.S. Government Treasury bills, bank certificates of deposit, bankers' acceptances, corporate commercial paper and other money market instruments.*

[Table of Contents](#)

## COMPARISON OF CHANGE IN VALUE OF \$10,000 INVESTMENT

## IVY MANAGED INTERNATIONAL OPPORTUNITIES FUND

(UNAUDITED)



Please note that the performance of the Fund's other share classes will be greater or less than the performance shown above for Class A based on the differences in loads and fees paid by shareholders investing in the different classes.

(1) The value of the investment in the Fund is impacted by the sales load at the time of the investment and by the ongoing expenses of the Fund and assumes reinvestment of dividends and distributions.

Average Annual Total Return <sup>(2)</sup>	Class A <sup>(3)</sup>	Class B <sup>(4)</sup>	Class C	Class I	Class N	Class R	Class Y
1-year period ended 3-31-21	56.21%	59.23%	62.89%	61.80%	61.72%	62.03%	61.81%
5-year period ended 3-31-21	8.97%	8.93%	9.13%	10.02%	—	9.58%	9.83%
10-year period ended 3-31-21	4.94%	4.61%	4.69%	5.61%	—	—	5.41%
Since Inception of Class through 3-31-21 <sup>(5)</sup>	—	—	—	—	8.44%	6.85%	—

(2) Data quoted is past performance and is based on deduction of the maximum applicable sales load for each of the periods. Current performance may be lower or higher. Past performance is no guarantee of future results. Investment return and principal value of an investment will fluctuate and shares, when redeemed, may be worth more or less than their original cost. Please visit [www.ivyinvestments.com](http://www.ivyinvestments.com) for the Fund's most recent month end performance. Class A Shares carry a maximum front-end sales load of 3.50%<sup>(a)</sup>. Class B and Class C shares carry a maximum contingent deferred sales charge (CDSC) of 5% and 1%, respectively (the Class C shares reflect no CDSC since it only applies to Class C shares redeemed within twelve months after purchase). Class I, Class N, Class R and Class Y shares are not subject to sales charges.

(3) Class A shares carry a CDSC on shares purchased at net asset value for \$1 million or more that are subsequently redeemed within 12 months of purchase. Effective October 1, 2020, Class A shares carry a CDSC on shares purchased at net asset value for \$500,000 or more that are subsequently redeemed within 12 months of purchase.

(4) Class B shares are not currently available for direct investment. However, they are available for dividend reinvestment and exchange of the same class shares of another Ivy Fund.

(5) 7-5-17 for Class N shares and 12-19-12 for Class R shares (the date on which shares were first acquired by shareholders).

Past performance is not necessarily indicative of future performance. Indexes are unmanaged. The performance graph and table do not reflect the deduction of taxes that a shareholder would pay on Fund distributions or on the redemption of Fund shares. Performance results may include the effect of expense reduction arrangements for some or all of the periods shown. If those arrangements had not been in place, the performance results for those periods would have been lower.

(a) Effective October 1, 2020, the maximum applicable sales charge for Class A shares has been lowered to 3.50% from 5.75%.

[Table of Contents](#)**SCHEDULE OF INVESTMENTS****IVY MANAGED INTERNATIONAL OPPORTUNITIES FUND** *(in thousands)*

MARCH 31, 2021

<b>AFFILIATED MUTUAL FUNDS</b>	<b>Shares</b>	<b>Value</b>	<b>SHORT-TERM SECURITIES</b>	<b>Shares</b>	<b>Value</b>
Ivy Emerging Markets Equity Fund, Class N	1,696	\$ 49,530	Money Market Funds (A) – 0.1%		
Ivy Global Equity Income Fund, Class N	1,310	18,005	State Street Institutional U.S. Government Money Market Fund – Premier Class, 0.040%	245	\$ 245
Ivy Global Growth Fund, Class N	291	17,053			
Ivy International Core Equity Fund, Class N	2,783	55,746	<b>TOTAL SHORT-TERM SECURITIES – 0.1%</b>		<b>\$ 245</b>
Ivy International Small Cap Fund, Class N	1,180	17,789	(Cost: \$245)		
Ivy Pzena International Value Fund, Class N	1,062	20,286	<b>TOTAL INVESTMENT SECURITIES – 100.1%</b>		<b>\$178,654</b>
<b>TOTAL AFFILIATED MUTUAL FUNDS – 100.0%</b>		<b>\$178,409</b>	(Cost: \$126,026)		
(Cost: \$125,781)			<b>LIABILITIES, NET OF CASH AND OTHER ASSETS</b>		
			– (0.1)%		(228)
			<b>NET ASSETS – 100.0%</b>		<b>\$178,426</b>

**Notes to Schedule of Investments**

(A)Rate shown is the annualized 7-day yield at March 31, 2021.

The following table is a summary of the valuation of the Fund's investments by the fair value hierarchy levels as of March 31, 2021. See Note 3 to the Financial Statements for further information regarding fair value measurement.

	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>
<b>Assets</b>			
Investments in Securities			
Affiliated Mutual Funds	\$ 178,409	\$ —	\$ —
Short-Term Securities	245	—	—
Total	\$ 178,654	\$ —	\$ —

See Accompanying Notes to Financial Statements.

[Table of Contents](#)**MANAGEMENT DISCUSSION****IVY MID CAP GROWTH FUND**

(UNAUDITED)



Kimberly A. Scott

*Below, Kimberly A. Scott, CFA, and Nathan A. Brown, CFA, co-portfolio managers of Ivy Mid Cap Growth Fund, discuss positioning, performance and results for the fiscal year ended March 31, 2021. Ms. Scott has managed the Fund since 2001 and has 34 years of industry experience. Mr. Brown became co-portfolio manager in October 2016 and has 22 years of industry experience.*

**Fiscal Year Performance**

For the 12 Months Ended March 31, 2021

<b>Ivy Mid Cap Growth Fund (Class A shares at net asset value)</b>	85.37%
<b>Ivy Mid Cap Growth Fund (Class A shares including sales charges)</b>	78.88%

Benchmark and Morningstar Category

<b>Russell Midcap Growth Index</b>	68.61%
------------------------------------	--------

(generally reflects the performance of securities that represent the mid-cap sector of the stock market)

<b>Morningstar Mid-Cap Growth Category Average</b>	81.95%
--	--------

(generally reflects the performance of the universe of funds with similar investment objectives)

*Please note that Fund returns include applicable fees and expenses while index returns do not include any such fees. The performance discussion below is at net asset value (NAV).*



Nathan A. Brown

**Market conditions**

Mid-cap growth stocks as represented by the Fund's benchmark, the Russell Midcap Growth Index, returned 68.61% for the 12-month period ended March 31, 2021. Ivy Mid Cap Growth Fund posted an 85.37% return for the measurement period, outperforming its benchmark and peer category average.

**Contributors and detractors**

All sectors in the benchmark and in the Fund posted positive absolute returns for the year. Sector overweight and underweight allocations were an overall contributor to the Fund's relative outperformance over the benchmark, as was stock selection — the expected primary driver of returns for the strategy — netting out to an overall outperformance for the portfolio of 16.76% during the time period measured.

The strongest contributor to relative outperformance where we had sector exposure was information technology, followed by consumer discretionary, financials, industrials, materials, consumer staples, health care and energy. Real estate and utilities were additive to performance due to our lack of any exposure to those sectors. The lone detractor to performance where we had exposure came from communication services due primarily to bad stock selection. Equity options added slightly to relative performance by way of exposures throughout the year to portfolio insurance in lieu of raising excess cash. While there was tremendous uncertainty throughout calendar year 2020 due to significant macro disruptions, the market, while volatile, largely shrugged off the uncertainty through the end of the year and into the first quarter of 2021 and thus, equity options were net positive for the measurement period. Cash, as would be expected in a strong market environment, while at the lower range of our historical norms, was also a drag on performance.

Information technology was the largest allocation and the strongest relative contributor within the portfolio for the fiscal year. As the sector outperformed within the broad index for the fiscal year, our underweight position detracted to relative outperformance while our stock selection more than offset the underweight. The top two relative contributors to performance on the fiscal year were in the information technology sector: Twilio, Inc., and Square, Inc. Twilio, a company that provides cloud-based business communication consolidation and aggregation platform tools, posted a very strong gain to the portfolio for the year as businesses increasingly look to communicate with customers across multiple platforms. Shelter-in-place mandates benefitted e-commerce facilitation companies like Square, Inc., as consumers were still buying, but doing so from the comfort and isolation of their homes. Square is a credit card payment processing solutions company that helps businesses with an entire ecosystem of payment processing, not just at point of sale. Square also posted a very strong gain to the portfolio in fiscal period. As the measurement period progressed, we remained actively engaged in monitoring valuation risk of the names and we have trimmed position sizes accordingly. Square is no longer a Fund holding. We have taken gains in each name while maintaining exposure to what we deem to be strong business models. Coherent was a small allocation and a standout underperformer that we sold midway through the fiscal year as we grew concerned that growth was not accruing to the company as we had expected given what should have been a clear driver from organic light-emitting diode (OLED) smartphone screen adoption.

2021 ANNUAL REPORT 93

## [Table of Contents](#)

Health care, the second largest sector allocation in the Fund, was a contributor by way of both allocation and stock selection for the portfolio during the fiscal year. Abiomed, Inc. was a standout for the period as it announced U.S. Food and Drug Administration approval of the first in-human trial of the company's expandable cardiac power (ECP) heart pump in the fourth quarter of 2020 — the world's smallest heart pump. Off-benchmark holding Glaukos Corp. was also a strong relative performer for the period. Glaukos, an ophthalmic medical technology and pharmaceutical company, benefitted from better-than-expected revenues, international sales expansion and an improving product pipeline.

Industrials, the third largest sector in the Fund and the largest overweight to the benchmark, was the fourth highest overall contributor to relative performance due to the overweight position to the sector and stock selection, with standouts such as Middleby Corp. and Trex Company, Inc. Middleby is a manufacturer of commercial and residential food processing and cooking equipment. While the commercial business contracted over the period due to COVID-19 shut-ins, declines have been far less than feared and the company's residential business has continued to post strong results. There has also been increased optimism as its restaurant customers' businesses begin to heal as economies continue to open. Trex, a market leader in composite decking solutions, benefitted from shelter-in-place mandates, as new work-from-home participants began assessing their houses for improvement projects. CoStar Group, Inc. is the leading provider of real estate data, analytics and marketplace listing platforms, including [Apartments.com](#). The company has a defensible franchise of mainly subscription-based revenue that continues to grow with solid management execution.

Consumer discretionary was the Fund's fourth largest sector position. Strong stock selection and positive relative contribution due to an overweight position added up to yield the second-best sector performance in the Fund for the measurement period. Standout performers were Mercadolibre, Chipotle Mexican Grill, Inc. and Tractor Supply. MercadoLibre, Inc., an off-benchmark Central and South American focused e-commerce platform was a standout for the fiscal year relative to the index. Chipotle, currently the Fund's top holding, had another strong calendar year despite the pandemic, leveraging the ongoing focus on its omnichannel presence, with touchless dining becoming of utmost importance throughout the measurement period. While other restaurants closed, Chipotle was able to operate at a respectable level, while announcing some needed store consolidation measures. Tractor Supply Co., a farm and ranch supply retailer, benefitted from home improvement projects brought on by shelter-in-place mandates as well as an internal initiative to optimize usage of store side lots. We continue to hold Chipotle but have taken profits and eliminated both Tractor Supply and Mercadolibre, as we felt the risk reward for potential growth at current valuations was too high.

Overweight exposure to the financials sector had a small negative contribution to relative performance. Stock selection, however, more than offset the negative allocation effect. The benchmark is comprised of 23 small allocations in this sector, yet our exposure came primarily from only three positions: SVB Financial Group, First Republic Bank and MarketAxess Holdings, Inc. The standout for the period was SVB Financial Group, a Silicon Valley bank with a core competency of banking with early stage companies as well as with private equity and hedge funds who invest in the firm. The bank posted a strong return in the measurement period.

Materials was a slight contributor to performance due to an overweight position in the portfolio, and stock selection that added significantly to relative returns. Strong performance came from Scotts Miracle-Gro Company, a lawn, garden and hydroponics provider that continues to benefit from the home office trend for a significant portion of the workforce. This strong performance was offset by an underperforming position in Axalta Coating Systems, which we sold after struggling to assess the firm's longer-term strategy coupled with a tough macro environment for coatings companies.

Communication services was again the largest relative detractor for the measurement period. We gained exposure to this sector primarily through two names: Twitter, Inc. and Electronic Arts Inc., which is not held in the index. While Twitter posted solid positive relative results on the fiscal year, it was more than offset by the disappointing relative results of Electronic Arts for the measurement period. Moreover, it was the lack of exposure to names like Roku, Spotify and Pinterest that created the drag on overall relative performance.

Hershey Company, the Fund's lone holding in consumer staples, underperformed the sector within the index and also underperformed the index for the fiscal year. While we were sufficiently overweight this lagging sector, our allocation still detracted from overall relative performance and our stock selection was a nominal gain.

We continue to have no exposure to the real estate and utilities sectors, which are de minimis in the index, and we eliminated our small exposure to the energy sector during the middle of the fiscal year.

## Outlook

Outlooks are point-in-time assessments, a look at the future today, and as has been made abundantly clear over the past year, outlooks exist to be challenged, rethought and rewritten. The abiding principles of our outlook in all that we do all year, every year, are that "well-valued stocks of companies with growing streams of cash flow derived from innovation and strong management execution are key to wealth creation;" "markets go up more than they go down;" and, outside of stock

[Table of Contents](#)

picking, “the outlook that matters most is the one that figures out when the broad corporate profit cycle is determinedly inflecting into or out of a recession and what companies are best positioned over the long term, given the assessment of the profit cycle.”

We witnessed a serious pandemic-wrought corporate profit recession in 2020, one that few would have predicted as it was swiftly and steeply discounted by gob-smacked investors. The recovery in 2020 (not well predicted), was almost as swiftly and steeply discounted to a market upside that has broken records, seemingly indicating economic growth and prosperity beyond previous expectations as world economies emerge and heal from the impact of the pandemic. This has also been carried along by government stimulus and interest rate maneuvering.

First quarter 2021 has added a new layer to the recovery story — one that tends to lend itself to historical study of economic recoveries. That is, the broadening out of returns in the stock market from those strong, quality growers to the more cyclically charged business models that are heavily reliant on the economic cycle for earnings productivity. While the market winds have changed a bit in the quarter, we are still witnessing impressive innovation in life sciences, business and consumer technology, green energy and many other areas that have captured the imagination of professional and retail investors, driving the valuations of many companies to dizzying levels. So where does this leave us? We offer a series of predictions:

1. World economies will continue to recover and grow as vaccine distributions allow them to emerge from the pandemic lockdowns.
2. The strength of the recovery could be overestimated, as the underlying economic damage may be deeper than we appreciate.
3. While markets go up more than they go down, this may be a year in which the market takes a breather to digest the spectacular gains and sturdy valuations achieved over the last half of 2020.
4. The composition of returns may continue the trend established in the first quarter, where some groups of stocks perform quite well as many companies regain earnings power in a broad economic recovery, while the stocks of companies that over earned during the pandemic struggle to appreciate further, possibly giving up some value.
5. Many technology and health care companies may continue to experience a soft spot in demand in the remaining quarters of 2021 after a surprisingly robust 2020, and stock valuations could be at risk as a result.
6. Inflation and interest rate expectations could be too low as a result of persistent supply chain disruptions related to global lockdowns, strong generational demand for housing in an under-inventoried market, and one-off incidents like the wayward ship in the Suez Canal.
7. The Fed will continue to be supportive, but could possibly lag in its response to demand, inflation and interest rate pressures.

While stock picking is always key to our process and performance, it will be paramount in this environment as we seek to manage valuation risk in the portfolio, while investing in durable growers, both secularly and cyclically.

**Performance shown at NAV does not include the effects of sales charges. If reflected, the performance shown would have been lower. Performance including sales charges reflects the maximum applicable front-end sales load and thus the lowest possible performance after sales charges; your sales charges could be lower.**

**Past performance is not a guarantee of future results. The value of the Fund’s shares will change, and you could lose money on your investment.**

The Fund may utilize derivative instruments both written and purchased, on an index or on individual or baskets of equity securities, in seeking to gain exposure to certain sectors or securities, or to enhance income, and/or to hedge certain event risks on positions held by the Fund and to hedge market risk on equity securities. The use of derivatives presents several risks, including the risk that these instruments may change in value in a manner that adversely affects the Fund’s NAV and the risk that fluctuations in the value of the derivatives may not correlate exactly with the corresponding securities markets or the underlying asset upon which the derivative’s value is based.

Investing in mid-cap stocks may carry more risk than investing in stocks of larger, more-established companies. Prices of growth stocks may be more sensitive to changes in current or expected earnings than the prices of other stocks. Growth stocks may not perform as well as value stocks or the stock market in general. These and other risks are more fully described in the Fund’s prospectus.

The opinions expressed in this report are those of the Fund’s portfolio managers and are current only through the end of the period of the report as stated on the cover. The managers’ views are subject to change at any time based on market and other conditions, and no forecasts can be guaranteed.

The index noted is unmanaged, includes reinvested dividends and does not include fees. One cannot invest directly in an index, nor is an index representative of the Ivy Mid Cap Growth Fund.

[Table of Contents](#)**PORTFOLIO HIGHLIGHTS****IVY MID CAP GROWTH FUND**

ALL DATA IS AS OF MARCH 31, 2021 (UNAUDITED)

**Asset Allocation**

<b>Stocks</b>	<b>99.8%</b>
Information Technology	33.6%
Health Care	22.1%
Industrials	15.4%
Consumer Discretionary	13.2%
Financials	6.6%
Communication Services	4.6%
Materials	3.0%
Consumer Staples	1.3%
<b>Cash and Other Assets (Net of Liabilities), and Cash Equivalents+</b>	<b>0.2%</b>

**Top 10 Equity Holdings**

<b>Company</b>	<b>Sector</b>	<b>Industry</b>
Chipotle Mexican Grill, Inc., Class A	Consumer Discretionary	Restaurants
CoStar Group, Inc.	Industrials	Research & Consulting Services
MarketAxess Holdings, Inc.	Financials	Financial Exchanges & Data
Monolithic Power Systems, Inc.	Information Technology	Semiconductors
DexCom, Inc.	Health Care	Health Care Equipment
DocuSign, Inc.	Information Technology	Application Software
Electronic Arts, Inc.	Communication Services	Interactive Home Entertainment
Teradyne, Inc.	Information Technology	Semiconductor Equipment
Microchip Technology, Inc.	Information Technology	Semiconductors
Arista Networks, Inc.	Information Technology	Communications Equipment

See your advisor or [www.ivyinvestments.com](http://www.ivyinvestments.com) for more information on the Fund's most recently published Top 10 Equity Holdings.

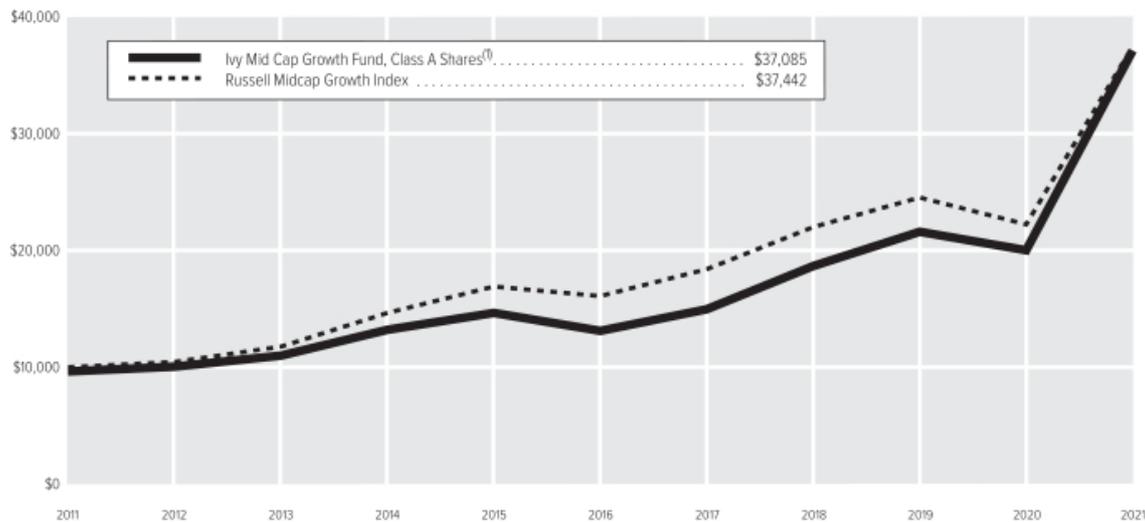
+Cash equivalents are defined as highly liquid securities with maturities of less than three months. Cash equivalents may include U.S. Government Treasury bills, bank certificates of deposit, bankers' acceptances, corporate commercial paper and other money market instruments.

[Table of Contents](#)

# COMPARISON OF CHANGE IN VALUE OF \$10,000 INVESTMENT

## IVY MID CAP GROWTH FUND

(UNAUDITED)



Please note that the performance of the Fund's other share classes will be greater or less than the performance shown above for Class A based on the differences in loads and fees paid by shareholders investing in the different classes.

(1) The value of the investment in the Fund is impacted by the sales load at the time of the investment and by the ongoing expenses of the Fund and assumes reinvestment of dividends and distributions.

Average Annual Total Return <sup>(2)</sup>	Class A <sup>(3)</sup>	Class B <sup>(4)</sup>	Class C	Class E <sup>(3)</sup>	Class I	Class N	Class R	Class Y
1-year period ended 3-31-21	78.88%	79.67%	83.95%	80.60%	86.00%	86.00%	84.62%	85.29%
5-year period ended 3-31-21	22.22%	21.97%	22.20%	22.43%	23.52%	23.61%	22.69%	23.13%
10-year period ended 3-31-21	14.00%	13.67%	13.76%	13.96%	14.79%	—	14.07%	14.47%
Since Inception of Class through 3-31-21 <sup>(5)</sup>	—	—	—	—	—	17.43%	—	—

(2) Data quoted is past performance and is based on deduction of the maximum applicable sales load for each of the periods. Current performance may be lower or higher. Past performance is no guarantee of future results. Investment return and principal value of an investment will fluctuate and shares, when redeemed, may be worth more or less than their original cost. Please visit [www.ivyinvestments.com](http://www.ivyinvestments.com) for the Fund's most recent month end performance. Class A and Class E Shares carry a maximum front-end sales load of 3.50%<sup>(a)</sup> and 2.50%, respectively. Class B and Class C shares carry a maximum contingent deferred sales charge (CDSC) of 5% and 1%, respectively (the Class C shares reflect no CDSC since it only applies to Class C shares redeemed within twelve months after purchase). Class I, Class N, Class R and Class Y shares are not subject to sales charges.

(3) Class A shares carry a CDSC on shares purchased at net asset value for \$1 million or more that are subsequently redeemed within 12 months of purchase. Effective October 1, 2020, Class A shares carry a CDSC on shares purchased at net asset value for \$500,000 or more that are subsequently redeemed within 12 months of purchase. Class E shares carry a CDSC on shares purchased at net asset value for \$250,000 or more that are subsequently redeemed within 12 months of purchase.

(4) Class B shares are not currently available for direct investment. However, they are available for dividend reinvestment and exchange of the same class shares of another Ivy Fund.

(5) 7-31-14 for Class N shares (the date on which shares were first acquired by shareholders).

Past performance is not necessarily indicative of future performance. Indexes are unmanaged. The performance graph and table do not reflect the deduction of taxes that a shareholder would pay on Fund distributions or on the redemption of Fund shares. Performance results may include the effect of expense reduction arrangements for some or all of the periods shown. If those arrangements had not been in place, the performance results for those periods would have been lower.

(a) Effective October 1, 2020, the maximum applicable sales charge for Class A shares has been lowered to 3.50% from 5.75%.

[Table of Contents](#)**SCHEDULE OF INVESTMENTS****IVY MID CAP GROWTH FUND** (in thousands)

MARCH 31, 2021

<b>COMMON STOCKS</b>	<b>Shares</b>	<b>Value</b>	<b>COMMON STOCKS (Continued)</b>	<b>Shares</b>	<b>Value</b>	<b>COMMON STOCKS (Continued)</b>	<b>Shares</b>	<b>Value</b>
<b>Communication Services</b>			<b>Health Care Equipment – 10.9%</b>			<b>Communications Equipment – 2.1%</b>		
Interactive Home Entertainment – 2.4%			Abiomed, Inc. (A)	366	\$ 116,499	Arista Networks, Inc. (A)	518	\$ 156,516
Electronic Arts, Inc.	1,343	<u>\$181,780</u>	DexCom, Inc. (A)	532	191,045	Electronic Components – 1.7%		
Interactive Media & Services – 2.2%			Edwards Lifesciences Corp. (A)	1,244	104,088	II-VI, Inc. (A)	1,864	<u>127,473</u>
IAC/InterActiveCorp (A)	169	36,607	Envista Holdings Corp. (A)	2,467	100,650	Electronic Equipment & Instruments – 3.9%		
Twitter, Inc. (A)	1,935	<u>123,141</u>	Glaukos Corp. (A)	859	72,089	Keysight Technologies, Inc. (A)	1,046	149,996
		<u>159,748</u>	Intuitive Surgical, Inc. (A)	144	106,212	Novanta, Inc. (A)	354	46,733
			Masimo Corp. (A)	356	81,733	Trimble Navigation Ltd. (A)	1,187	<u>92,359</u>
			Zimmer Holdings, Inc.	231	<u>37,022</u>			<u>289,088</u>
<b>Total Communication Services – 4.6%</b>		<b>341,528</b>			<b>809,338</b>			
<b>Consumer Discretionary</b>			<b>Health Care Services – 1.5%</b>			<b>Internet Services &amp; Infrastructure – 1.9%</b>		
Apparel, Accessories & Luxury Goods – 2.1%			Laboratory Corp. of America Holdings (A)	420	<u>107,204</u>	Twilio, Inc., Class A (A)	410	<u>139,545</u>
Canada Goose Holdings, Inc. (A)(B)	2,141	84,028	Health Care Technology – 2.1%			Semiconductor Equipment – 3.5%		
lululemon athletica, Inc. (A)	252	<u>77,326</u>	Cerner Corp.	2,155	<u>154,937</u>	Brooks Automation, Inc.	957	78,166
		<u>161,354</u>	Life Sciences Tools & Services – 3.8%			Teradyne, Inc.	1,484	<u>180,553</u>
Auto Parts & Equipment – 1.9%			10x Genomics, Inc., Class A (A)	377	68,304			<u>258,719</u>
BorgWarner, Inc.	3,046	<u>141,228</u>	Agilent Technologies, Inc.	758	96,349	Semiconductors – 8.0%		
General Merchandise Stores – 1.6%			Maravai LifeSciences Holdings, Inc., Class A (A)	743	26,464	Marvell Technology Group Ltd.	2,621	128,384
Dollar Tree, Inc. (A)	1,037	<u>118,721</u>	TECHNE Corp.	247	<u>94,254</u>	Microchip Technology, Inc.	1,035	160,609
Leisure Facilities – 1.1%					<u>285,371</u>	Monolithic Power Systems, Inc.	544	192,139
Vail Resorts, Inc.	275	<u>80,156</u>	Pharmaceuticals – 1.2%			Universal Display Corp.	502	<u>118,761</u>
Restaurants – 3.4%			Horizon Therapeutics plc (A)	1,001	<u>92,172</u>			<u>599,893</u>
Chipotle Mexican Grill, Inc., Class A (A)	178	<u>253,236</u>	<b>Total Health Care – 22.1%</b>		<b>1,643,698</b>	Systems Software – 2.7%		
Specialty Stores – 3.1%			<b>Industrials</b>			CrowdStrike Holdings, Inc., Class A (A)	609	111,191
National Vision Holdings, Inc. (A)	1,901	83,304	Building Products – 4.9%			Palo Alto Networks, Inc. (A)	275	<u>88,671</u>
Ulta Beauty, Inc. (A)	477	<u>147,548</u>	A. O. Smith Corp.	1,957	132,339			<u>199,862</u>
		<u>230,852</u>	Trane Technologies plc	577	95,600	<b>Total Information Technology – 33.6%</b>		<b>2,499,303</b>
<b>Total Consumer Discretionary – 13.2%</b>		<b>985,547</b>	Trex Co., Inc. (A)	1,495	<u>136,886</u>	<b>Materials</b>		
<b>Consumer Staples</b>					<u>364,825</u>	Fertilizers & Agricultural Chemicals – 1.5%		
Packaged Foods & Meats – 1.3%			Industrial Machinery – 3.5%			Scotts Miracle-Gro Co. (The)	457	<u>111,932</u>
Hershey Foods Corp.	616	<u>97,349</u>	IDEX Corp.	542	113,521	Specialty Chemicals – 1.5%		
			Middleby Corp. (A)	890	<u>147,457</u>	RPM International, Inc.	1,179	<u>108,304</u>
<b>Total Consumer Staples – 1.3%</b>		<b>97,349</b>			<u>260,978</u>	<b>Total Materials – 3.0%</b>		<b>220,236</b>
<b>Financials</b>			<b>Research &amp; Consulting Services – 5.1%</b>			<b>TOTAL COMMON STOCKS – 99.8%</b>		
Financial Exchanges & Data – 2.9%			CoStar Group, Inc. (A)	285	233,855	(Cost: \$3,971,035)		
MarketAxess Holdings, Inc.	437	<u>217,680</u>	TransUnion	1,591	<u>143,157</u>			
Regional Banks – 3.7%					<u>377,012</u>			
First Republic Bank	826	137,741	Trading Companies & Distributors – 1.9%					
SVB Financial Group (A)	278	<u>137,054</u>	Fastenal Co.	2,890	<u>145,323</u>			
		<u>274,795</u>						
<b>Total Financials – 6.6%</b>		<b>492,475</b>	<b>Total Industrials – 15.4%</b>		<b>1,148,138</b>			
<b>Health Care</b>			<b>Information Technology</b>			<b>Application Software – 9.8%</b>		
Biotechnology – 2.6%			Application Software – 9.8%			DocuSign, Inc. (A)	912	184,720
Genmab A.S. ADR (A)(B)	2,742	90,017	DocuSign, Inc. (A)	912	184,720	Five9, Inc. (A)	691	108,058
Seattle Genetics, Inc. (A)	754	<u>104,659</u>	Guidewire Software, Inc. (A)	1,085	110,271	Paycom Software, Inc. (A)	316	116,845
		<u>194,676</u>	Paycom Software, Inc. (A)	316	116,845	Tyler Technologies, Inc. (A)	271	114,945
			Zendesk, Inc. (A)	704	<u>93,368</u>			<u>728,207</u>

[Table of Contents](#)**SCHEDULE OF INVESTMENTS**IVY MID CAP GROWTH FUND *(in thousands)*

MARCH 31, 2021

<b>SHORT-TERM SECURITIES</b>	<b>Shares</b>	<b>Value</b>
Money Market Funds (D) – 0.1%		
Dreyfus Institutional Preferred Government Money Market Fund – Institutional Shares, 0.010% (C)		
	1,308	\$ 1,308
State Street Institutional U.S. Government Money Market Fund – Premier Class, 0.040%		
	5,628	5,628
		<u>6,936</u>
<b>TOTAL SHORT-TERM SECURITIES</b>		
– 0.1%		\$ 6,936
(Cost: \$6,936)		
<b>TOTAL INVESTMENT SECURITIES</b>		
– 99.9%		\$7,435,210
(Cost: \$3,977,971)		
<b>CASH AND OTHER ASSETS, NET OF LIABILITIES – 0.1%</b>		7,077
<b>NET ASSETS – 100.0%</b>		\$7,442,287

**Notes to Schedule of Investments**

- (A) No dividends were paid during the preceding 12 months.
- (B) All or a portion of securities with an aggregate value of \$1,278 are on loan.
- (C) Investment made with cash collateral received from securities on loan.
- (D) Rate shown is the annualized 7-day yield at March 31, 2021.

The following table is a summary of the valuation of the Fund's investments by the fair value hierarchy levels as of March 31, 2021. See Note 3 to the Financial Statements for further information regarding fair value measurement.

	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>
<b>Assets</b>			
Investments in Securities			
Common Stocks	\$7,428,274	\$ —	\$ —
Short-Term Securities	6,936	—	—
Total	<u>\$7,435,210</u>	<u>\$ —</u>	<u>\$ —</u>

The following acronym is used throughout this schedule:

ADR = American Depositary Receipts

See Accompanying Notes to Financial Statements.

2021 ANNUAL REPORT 99

[Table of Contents](#)**MANAGEMENT DISCUSSION****IVY MID CAP INCOME OPPORTUNITIES FUND**

(UNAUDITED)



Kimberly A. Scott

*Below, Kimberly A. Scott, CFA, and Nathan A. Brown, CFA, portfolio managers of Ivy Mid Cap Income Opportunities Fund, discuss positioning, performance and results for the fiscal year ended March 31, 2021. Ms. Scott has 34 years of industry experience and Mr. Brown has 22 years of industry experience. They have co-managed the Fund since its inception on October 1, 2014.*

**Fiscal Year Performance**

For the 12 months ended March 31, 2021

<b>Ivy Mid Cap Income Opportunities Fund (Class A shares at net asset value)</b>	69.70%
<b>Ivy Mid Cap Income Opportunities Fund (Class A shares including sales charges)</b>	63.73%
<b>Benchmark and Morningstar Category</b>	
<b>Russell Midcap Index</b>	73.64%
<i>(generally reflects the performance of securities that represent the mid-cap sector of the stock market)</i>	
<b>Morningstar Mid-Cap Value Category Average</b>	78.46%
<i>(generally reflects the performance of the universe of funds with similar investment objectives)</i>	

*Please note that Fund returns include applicable fees and expenses while index returns do not include any such fees. The performance discussion below is at net asset value (NAV).*



Nathan A. Brown

**Key drivers**

Each year as we flip the calendar it provides a great opportunity for reflection on the prior year and an opportunity to assess what the future may hold in the new one. As we move on to another fiscal year, the list of both reflections and opportunities seems considerably longer than in many years past.

As we consider the prior year, we remain amazed with many things, including the resiliency of many businesses, the haste at which the U.S. government provided much needed liquidity and capital to our economy, and the strength in overall financial markets during a period of such social, economic and financial stress. Following the financial crisis nearly a decade ago, the federal government instituted a "stress test" for financial institutions. It was created to provide a significant buffer to maintain adequate liquidity and capital should an extreme economic downturn occur. Over the past decade, banks increased an ever-building capital buffer to allow for such an extreme event to occur.

2020 provided all the ingredients for the stress test to, in fact, be tested. A pandemic with no prior knowledge of the virus spread across the globe. Unemployment spiked as companies were forced to close, either through government mandate or through economic realities. Financial markets swooned in spring 2020 with current and future uncertainty swirling. Significant financial pain was a given; the question was how deep and extended it would be.

And yet, as we enter the new fiscal year, financial markets are at, or near, all-time highs. Unemployment rates, while still measurably higher than pre-COVID-19 levels, have significantly moderated and are expected to continue to decline. Bankruptcy rates have remained subdued despite significant revenue pressures. Consumer delinquencies on credit cards are lower than they were a year ago. While pressures remain in areas of the economy, particularly in travel and leisure, other areas of the U.S. economy are seeing robust growth.

We believe there were four significant counterbalancing forces at work combating the dire situation that could have resulted, thus eliminating any test of the aforementioned "stress test." First, the U.S. government provided extreme measures to combat the financial pressures brought on by the pandemic. The Federal Reserve (Fed) established a program to buy multiple classes of bonds, ensuring financial markets stayed liquid. The Fed also lowered interest rates, reducing the debt burden from leverage. Congress passed multiple packages supporting both consumers and businesses through loans, grants, foreclosure moratoriums and outright stimulus checks to consumers.

Second, our innovative health care companies went to work on the virus. With breakneck speed, technology and research combined to create multiple vaccines for the virus. These vaccines appear to have achieved a significantly high efficacy rate with three approved in the U.S., and more in the pipeline. With the entire world watching, these vaccines were escorted through the regulatory process eliminating many of the normal procedural slow-downs and speedbumps.

The third counterbalancing force, and one we think will likely have the most medium-term ramifications, was the realization that technology has advanced far enough that many of society's preconceived notions about office work have been tested, and a new paradigm created. We have learned that many white-collar jobs can be done remotely with similar levels of productivity. It has become apparent that we can communicate with doctors through online platforms, like

[Table of Contents](#)

Teladoc. Initial public offering (IPO) road-shows have been as, if not more, productive over Zoom. Restaurants can stay open by delivering food through third-party delivery services like DoorDash. While stresses existed, the established technology backbone provided substantially more stability than would have been presumed.

Lastly, and most difficult to measure, was the actual stress test capital required to be held at the financial institutions. As discussed, areas of stress appear to be far less than were initially prescribed in the test scenarios. However, because of these regulations, many financial institutions were required to build and maintain significant levels of capital on their balance sheets. Year after year, capital increased, providing larger and larger buffers. As the pandemic hit, the government metered the ability of banks to return capital to shareholders, increasing the buffers further. Without question, this requirement has been a depressant to growth over the preceding decade. Over multiple periods of writing this annual report, particularly in periods of stress, we have often mentioned that while there will be waxing and waning of the overall economy, we have not seen areas of significant economic excesses being built. Likely, one of the antidotes for the excess has been the handcuffs placed on financial institutions as they were forced to build regulatory capital. In prior expansions, this capital could have been used to fuel more risky ventures or even more significant debt leverage in the economy. This capital sitting on bank balance sheets likely provided an unexpected fourth counterbalancing force of stability.

While understandable to some extent and fundamentally justifiable in other areas, the resiliency of the market and ever-increasing valuation multiples have made us nervous. The prior paragraphs describe a scenario of some counterbalancing forces to an extreme negative — not one that would support significant gains in equity markets. From a level perspective, unemployment is higher, profits are lower and fiscal and monetary stimulus are at unsustainably high levels. Long-term interest rates, the metric used to discount future profits, have been steadily increasing, albeit from very low levels. While we expect growth to rebound strongly over the coming quarters, we believe the market appears to be in a precarious position of discounting significant growth into the future. We have been and will continue to be careful about valuation, with a focus on finding dividend payers with a high level of dividend growth to support capital return should there be limited capital appreciation opportunities in the upcoming fiscal year.

The Russell Midcap Index, the Fund's benchmark, rose 73.64% during the fiscal year, rebounding from the sell-off during the first calendar quarter of 2020. All sectors produced robust positive returns, but with a decisive pro-cyclical undercurrent. The energy sector rebounded from dismal performance throughout the past couple of years. Consumer discretionary, communication services, materials, financials, information technology and industrials all had positive returns, besting the benchmark's strong return. Stability was an area of underperformance with utilities and consumer staples generating the worst relative returns. The health care and real estate sectors also failed to keep up with the strong returns in the benchmark.

Long-term interest rates saw a steady increase as financial markets healed, increasing 1% during the fiscal year to end near 1.7% on the 10-year US Treasury. Dividend-paying equities underperformed non-dividend paying equities. This continued a trend that has been quite significant for a couple years and a decisive negative to our strategy.

### Contributors and detractors

While the Fund underperformed the benchmark for the measurement period, it had strong relative performance and rose 69.70%. Dividend income produced 4.2% of performance during the fiscal year. Sector allocation decisions were a decisive positive; however, poor stock selection offset those gains. The Fund's cash position, driven by significant positive flows in a very strong stock market, also proved to be a sizable detractor to performance.

The communication services sector was our worst relative performer for the fiscal year. Early in the pandemic, we gave ourselves flexibility in the most negatively impacted areas to retain ownership should we expect a company to return to prior levels of dividend payment by the end of 2021. Cinemark was one such company. This timeline appeared more difficult for Cinemark to achieve, as many film studios pushed movie releases further into 2021 and thus, we sold our position. While fundamentally based, the sale was ill-timed given a robust increase in the stock following positive vaccine news. The sector also saw a handful of very fast growing, large weight, non-dividend paying benchmark constituents (Roku, Pinterest and Match Group, Inc.) produce significant performance throughout the fiscal year. These companies were not holdings of the Fund.

Information technology was also an area of relative underperformance for the Fund. Areas within the sector, particularly software, appreciated significantly. While we admire many of these business models, very few pay dividends. Our holdings within the information technology sector produced solid returns in the fiscal year but trailed the areas with faster growth.

Our underweight positions in the underperforming sectors of real estate and utilities generated the most significant relative performance. While we didn't have any ownership within the utilities sector during the fiscal year, our investment in American Campus Communities within real estate nicely outperformed the sector as student housing held up better than expected during a pandemic-impacted college year.

[Table of Contents](#)

## Outlook

We continue to watch several key variables to determine Fund positioning. These variables (domestic economic growth, change in interest rates, change in commodity prices and foreign economic growth) have remained consistent and continue to be monitored.

We have strong confidence in robust economic activity as 2021 unfolds. Just as second quarter 2020 saw a historic decline in year-over-year gross domestic product (GDP) growth, we believe second quarter 2021 may experience a potentially historic increase in GDP growth. Following a year spent in our respective cocoons and after the inoculation of much of the population, we believe communities will be ready to party, entertain and travel. While unemployment will likely remain above levels seen in 2019, those individuals with jobs have built up significant levels of savings, partially supported by government stimulus checks, and we think they will increase their spending if given the opportunity.

Given the length and uncertainty of the pandemic, inventory levels decreased across the U.S. economy. As sales have returned, many industries have been caught flat-footed, struggling to meet demand. Over time, inventory levels will need to be rebuilt to an appropriate level of safety stock. As inventories rebuild throughout this year, it will nicely contribute to overall economic growth. Said differently, we are expecting a very strong domestic economy.

While this would normally translate into a more optimistic view of the equity markets, we remain cautious. We believe with the strength in overall equities in 2020 despite a difficult economic backdrop, much, if not all, of this robust economic activity has been discounted into the market. Multiples have been ever-increasing, particularly in the more forward-facing information technology sector. Innovation is robust and business models are enviable; however, we believe much of the future has been discounted in these areas. There are also many companies, in technology as well as other sectors, that saw their sales significantly benefit from the pandemic. The lengths of this benefit are unknown at this point, but many of these companies have significant forward expectations implied by their valuations. While there will be some that are able to prove their worth as they deliver results despite more difficult comparisons, it may be more difficult for others and that could create an anchor for the overall market.

As the vaccine is distributed globally and the pandemic moves to the rear-view mirror as we return to some level of normalcy, there is some potential for upward pressure on long-term rates given the significant government spending put in place to combat the economic pressures. We believe many companies that saw a benefit to their business models in 2020 chose not to take advantage of increased pricing power. As time passes, we would expect many companies to begin raising prices where demand has been strong, adding inflationary pressure into the economy. While slow to work its way into the economic numbers, we are already experiencing significant inflation in the housing market. As time passes, our expectation is that interest rates should move higher off the current low base, but are unlikely to return to pre-virus levels given the anchoring put in place by the Fed. Given such an environment, we believe we can provide investors with a very competitive yield relative to the fixed-income markets over the near to medium term.

With expanding production in many end markets, we should see some inflationary pressures, but broadly believe we remained well supplied. This includes areas like oil where there remains significant excess capacity. While not a specific commodity, we do expect significant inflation from increased logistics costs with curtailed global airline capacity and a tightening truck market. While pressures exist, it is unlikely to pose an issue to corporate profit margins given inherent pricing power.

With major global issues (COVID-19 and the vaccine rollout) similar to those in the U.S., we expect many of the world's economies to closely mirror the U.S. We are watchful for what a new administration in the White House brings to foreign relations, particularly with China. Early indications suggest limited economic changes should be expected, but rhetoric does appear more supportive toward fostering better relations and potentially better foreign growth.

**Performance shown at NAV does not include the effects of sales charges. If reflected, the performance shown would have been lower. Performance including sales charges reflects the maximum applicable front-end sales load and thus the lowest possible performance after sales charges; your sales charges could be lower.**

**Past performance is not a guarantee of future results. The value of the Fund's shares will change, and you could lose money on your investment.**

**Investing in mid-cap stocks may carry more risk than investing in stocks of larger, more-established companies. Dividend-paying instruments may not experience the same price appreciation as non-dividend paying investments. There is no guarantee that the companies in which the Fund invests will declare dividends in the future or that dividends, if declared, will remain at current levels or increase over time. The amount of any dividend paid by the company may fluctuate significantly. These and other risks are more fully described in the Fund's prospectus.**

[Table of Contents](#)

---

The opinions expressed in this report are those of the Fund's portfolio managers and are current only through the end of the period of the report as stated on the cover. The managers' views are subject to change at any time based on market and other conditions, and no forecasts can be guaranteed.

The index noted is unmanaged, includes reinvested dividends and does not include fees. One cannot invest directly in an index, nor is an index representative of the Ivy Mid Cap Income Opportunities Fund.

[Table of Contents](#)**PORTFOLIO HIGHLIGHTS****IVY MID CAP INCOME OPPORTUNITIES FUND**

ALL DATA IS AS OF MARCH 31, 2021 (UNAUDITED)

**Asset Allocation**

<b>Stocks</b>	<b>96.0%</b>
Consumer Discretionary	19.7%
Financials	19.2%
Industrials	17.0%
Information Technology	13.9%
Materials	11.0%
Consumer Staples	5.7%
Health Care	5.3%
Real Estate	2.8%
Energy	1.4%
<b>Cash and Other Assets (Net of Liabilities), and Cash Equivalents+</b>	<b>4.0%</b>

**Top 10 Equity Holdings**

<b>Company</b>	<b>Sector</b>	<b>Industry</b>
Snap-on, Inc.	Industrials	Industrial Machinery
Broadridge Financial Solutions, Inc.	Information Technology	Data Processing & Outsourced Services
Tractor Supply Co.	Consumer Discretionary	Specialty Stores
Stanley Black & Decker, Inc.	Industrials	Industrial Machinery
Garmin Ltd.	Consumer Discretionary	Consumer Electronics
Clorox Co. (The)	Consumer Staples	Household Products
Watsco, Inc.	Industrials	Trading Companies & Distributors
Cracker Barrel Old Country Store, Inc.	Consumer Discretionary	Restaurants
American Campus Communities, Inc.	Real Estate	Residential REITs
nVent Electric plc	Industrials	Electrical Components & Equipment

See your advisor or [www.ivyinvestments.com](http://www.ivyinvestments.com) for more information on the Fund's most recently published Top 10 Equity Holdings.

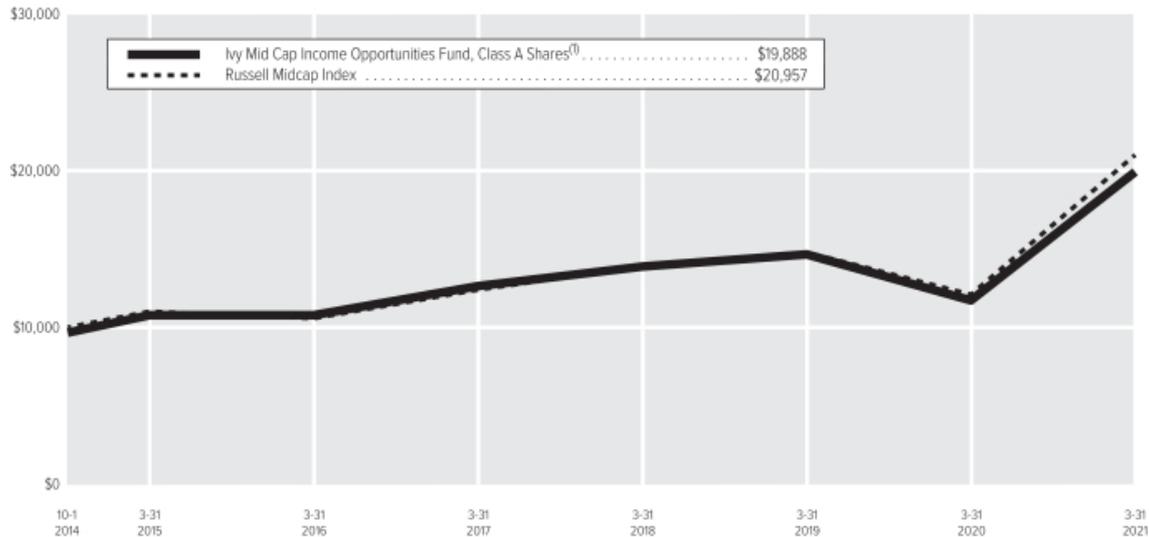
+Cash equivalents are defined as highly liquid securities with maturities of less than three months. Cash equivalents may include U.S. Government Treasury bills, bank certificates of deposit, bankers' acceptances, corporate commercial paper and other money market instruments.

[Table of Contents](#)

## COMPARISON OF CHANGE IN VALUE OF \$10,000 INVESTMENT

## IVY MID CAP INCOME OPPORTUNITIES FUND

(UNAUDITED)



Please note that the performance of the Fund's other share classes will be greater or less than the performance shown above for Class A based on the differences in loads and fees paid by shareholders investing in the different classes.

(1) The value of the investment in the Fund is impacted by the sales load at the time of the investment and by the ongoing expenses of the Fund and assumes reinvestment of dividends and distributions.

Average Annual Total Return <sup>(2)</sup>	Class A <sup>(3)</sup>	Class C	Class I	Class N	Class R	Class Y
1-year period ended 3-31-21	63.73%	68.61%	70.58%	70.58%	69.22%	69.84%
5-year period ended 3-31-21	12.23%	12.23%	13.46%	13.52%	12.66%	13.07%
10-year period ended 3-31-21	—	—	—	—	—	—
Since Inception of Class through 3-31-21 <sup>(4)</sup>	11.16%	10.98%	12.16%	12.21%	11.37%	11.79%

(2) Data quoted is past performance and is based on deduction of the maximum applicable sales load for each of the periods. Current performance may be lower or higher. Past performance is no guarantee of future results. Investment return and principal value of an investment will fluctuate and shares, when redeemed, may be worth more or less than their original cost. Please visit [www.ivyinvestments.com](http://www.ivyinvestments.com) for the Fund's most recent month end performance. Class A Shares carry a maximum front-end sales load of 3.50%<sup>(a)</sup>. Class C shares carry a maximum contingent deferred sales charge (CDSC) of 5% and 1%, respectively (the Class C shares reflect no CDSC since it only applies to Class C shares redeemed within twelve months after purchase). Class I, Class N, Class R and Class Y shares are not subject to sales charges.

(3) Class A shares carry a CDSC on shares purchased at net asset value for \$1 million or more that are subsequently redeemed within 12 months of purchase. Effective October 1, 2020, Class A shares carry a CDSC on shares purchased at net asset value for \$500,000 or more that are subsequently redeemed within 12 months of purchase.

(4) 10-1-14 for Class A shares, 10-1-14 for Class C shares, 10-1-14 for Class I shares, 10-1-14 for Class N shares, 10-1-14 for Class R shares and 10-1-14 for Class Y shares (the date on which shares were first acquired by shareholders).

Past performance is not necessarily indicative of future performance. Indexes are unmanaged. The performance graph and table do not reflect the deduction of taxes that a shareholder would pay on Fund distributions or on the redemption of Fund shares. Performance results may include the effect of expense reduction arrangements for some or all of the periods shown. If those arrangements had not been in place, the performance results for those periods would have been lower.

(a) Effective October 1, 2020, the maximum applicable sales charge for Class A shares has been lowered to 3.50% from 5.75%.

[Table of Contents](#)**SCHEDULE OF INVESTMENTS****IVY MID CAP INCOME OPPORTUNITIES FUND** (in thousands)

MARCH 31, 2021

<b>COMMON STOCKS</b>	<b>Shares</b>	<b>Value</b>	<b>COMMON STOCKS (Continued)</b>	<b>Shares</b>	<b>Value</b>	<b>COMMON STOCKS (Continued)</b>	<b>Shares</b>	<b>Value</b>
Consumer Discretionary			Health Care			Real Estate		
Consumer Electronics – 2.9%			Health Care Facilities – 2.6%			Residential REITs – 2.8%		
Garmin Ltd.	345	\$ 45,496	Encompass Health Corp.	496	\$ 40,610	American Campus Communities, Inc.	1,040	\$ 44,886
Hotels, Resorts & Cruise Lines – 2.8%			Health Care Services – 2.7%			<b>Total Real Estate – 2.8%</b>		<b>44,886</b>
Travel and Leisure Co.	723	44,192	Quest Diagnostics, Inc.	335	42,972	<b>TOTAL COMMON STOCKS – 96.0%</b>		<b>\$1,505,164</b>
Leisure Products – 5.5%			<b>Total Health Care – 5.3%</b>		<b>83,582</b>	(Cost: \$1,126,491)		
Hasbro, Inc.	444	42,636	Industrials			<b>SHORT-TERM SECURITIES</b>		
Polaris, Inc.	328	43,735	Air Freight & Logistics – 2.7%			Money Market Funds (A) – 3.6%		
		86,371	C.H. Robinson Worldwide, Inc.	440	41,966	State Street Institutional U.S. Government		
Restaurants – 2.9%			Electrical Components & Equipment – 5.5%			Money Market Fund – Premier Class,		
Cracker Barrel Old Country Store, Inc.	260	45,035	nVent Electric plc	1,585	44,250	0.040%	55,825	55,825
Specialized Consumer Services – 2.7%			Rockwell Automation, Inc.	161	42,689	<b>Total Short-Term Securities – 3.6%</b>		<b>\$ 55,825</b>
Service Corp. International	811	41,414			86,939	(Cost: \$55,825)		
Specialty Stores – 2.9%			Industrial Machinery – 5.9%			<b>TOTAL INVESTMENT SECURITIES – 99.6%</b>		<b>\$1,560,989</b>
Tractor Supply Co.	259	45,777	Snap-on, Inc.	205	47,248	(Cost: \$1,182,316)		
<b>Total Consumer Discretionary – 19.7%</b>		<b>308,285</b>	Stanley Black & Decker, Inc.	228	45,531	<b>CASH AND OTHER ASSETS, NET OF</b>		
Consumer Staples					92,779	<b>LIABILITIES – 0.4%</b>		<b>6,584</b>
Food Distributors – 2.8%			Trading Companies & Distributors – 2.9%			<b>NET ASSETS – 100.0%</b>		<b>\$1,567,573</b>
Sysco Corp.	556	43,787	Watsco, Inc.	173	45,116			
Household Products – 2.9%			<b>Total Industrials – 17.0%</b>		<b>266,800</b>			
Clorox Co. (The)	235	45,296	Information Technology					
<b>Total Consumer Staples – 5.7%</b>		<b>89,083</b>	Data Processing & Outsourced Services – 5.7%					
Energy			Broadridge Financial Solutions, Inc.	302	46,232			
Oil & Gas Storage & Transportation – 1.4%			Paychex, Inc.	442	43,358			
Rattler Midstream L.P.	2,013	21,399			89,590			
<b>Total Energy – 1.4%</b>		<b>21,399</b>	Electronic Equipment & Instruments – 2.7%					
Financials			National Instruments Corp.	979	42,263			
Asset Management & Custody Banks – 5.6%			Electronic Manufacturing Services – 2.8%					
Ares Management Corp., Class A	775	43,441	TE Connectivity Ltd.	338	43,698			
Northern Trust Corp.	415	43,569	Semiconductors – 2.7%					
		87,010	Microchip Technology, Inc.	270	41,948			
Consumer Finance – 2.8%			<b>Total Information Technology – 13.9%</b>		<b>217,499</b>			
Discover Financial Services	465	44,138	Materials					
Insurance Brokers – 2.6%			Paper Packaging – 8.2%					
Arthur J. Gallagher & Co.	332	41,446	Avery Dennison Corp.	228	41,797			
Property & Casualty Insurance – 2.8%			Packaging Corp. of America	328	44,120			
First American Financial Corp.	778	44,074	Sonoco Products Co.	661	41,859			
					127,776			
Regional Banks – 5.4%			Specialty Chemicals – 2.8%					
Glacier Bancorp, Inc.	763	43,537	RPM International, Inc.	480	44,119			
Umpqua Holdings Corp.	2,366	41,530	<b>Total Materials – 11.0%</b>		<b>171,895</b>			
		85,067						
<b>Total Financials – 19.2%</b>		<b>301,735</b>						

[Table of Contents](#)**SCHEDULE OF INVESTMENTS****IVY MID CAP INCOME OPPORTUNITIES FUND** *(in thousands)*

MARCH 31, 2021

**Notes to Schedule of Investments**

(A)Rate shown is the annualized 7-day yield at March 31, 2021.

The following table is a summary of the valuation of the Fund's investments by the fair value hierarchy levels as of March 31, 2021. See Note 3 to the Financial Statements for further information regarding fair value measurement.

	Level 1	Level 2	Level 3
<b>Assets</b>			
Investments in Securities			
Common Stocks	\$1,505,164	\$ —	\$ —
Short-Term Securities	55,825	—	—
Total	<u>\$1,560,989</u>	<u>\$ —</u>	<u>\$ —</u>

The following acronym is used throughout this schedule:

REIT = Real Estate Investment Trust

See Accompanying Notes to Financial Statements.

2021 ANNUAL REPORT 107

[Table of Contents](#)**MANAGEMENT DISCUSSION****IVY MUNICIPAL BOND FUND**

(UNAUDITED)



Bryan J. Bailey

*Below, Bryan J. Bailey, CFA, portfolio manager of the Ivy Municipal Bond Fund, discusses positioning, performance and results for the fiscal year ended March 31, 2021. He has managed the Fund for 19 years and has 32 years of industry experience.*

**Fiscal Year Performance**

For the 12 months ended March 31, 2021

<b>Ivy Municipal Bond Fund (Class A shares at net asset value)</b>	4.07%
<b>Ivy Municipal Bond Fund (Class A shares including sales charges)</b>	1.46%
Benchmark(s) and/or Lipper Category	
<b>Bloomberg Barclays Municipal Bond Index</b> (reflects the performance of securities generally representing the municipal bond market)	5.51%
<b>Morningstar Muni National Intermediate Category Average</b> (generally reflects the performance of the universe of funds with similar investment objectives)	5.77%

*Please note that Fund returns include applicable fees and expenses while index returns do not include any such fees. The performance discussion below is based on net asset value (NAV).*

**Fund performance**

The Fund underperformed both its Morningstar peer group category average and its benchmark in the fiscal year. Underperformance is primarily the result of a more defensive structure and higher quality credit profile.

**What market conditions or events affected the Fund's return?**

The fiscal year began in a relatively orderly fashion, coming off the heightened volatility and liquidity-stressed market observed in the first quarter of calendar year 2020. Confidence was restored with the implementation of two Federal Reserve (Fed) programs, specifically the Money Market Liquidity Facility (MMLF) and the Municipal Liquidity Facility (MLF). The \$2.2 trillion stimulus package (CARES Act), which included aid to state and local governments, and other municipal sectors such as hospitals, airports and education, added more support to the market while substantially reducing volatility.

Persistent themes that dominated the entire fiscal year were robust flows into the asset class combined with negative tax-exempt supply, which was negatively impacted by a large increase in taxable supply. Another powerful driver of investment performance during the fiscal year was extreme credit spread compression. As yields on the highest quality bonds approached all-time low levels, which were observed prior to the March COVID-19 market shock, investors moved further out on the credit spectrum, including high yield, in search of higher absolute yields. This reach for yield was occurring while many credit metrics of even historically stable issuers were deteriorating. Creditor protections in many lower quality new issues were also being relaxed substantially. In this yield-seeking environment, investors were showing little concern for bearing the increased credit risk. Distressed situations within the high yield space were occurring with more frequency as we moved through the fiscal year, especially in continuing care retirement communities, project financing, and higher education student housing projects.

The election of President Joe Biden along with the Democrats seizing control of Congress has enabled swift passage of large fiscal stimulus bills that would have been impossible with a divided government. The overall credit profile of the municipal bond market was enhanced significantly with the passage of the president's \$1.9 trillion American Rescue Plan in the first quarter of calendar year 2021. The bill included over \$500 billion in aid to states, cities, public transportation, education and airports. While we continue to remain somewhat concerned regarding the relaxed creditor protections that we observe regularly, the overall credit profile of the municipal bond market has been improved dramatically as a result of the legislation.

**Performance**

The Fund began and ended the fiscal period positioned defensively in anticipation of the eventual start of an increasing interest rate cycle and the end of the more than 35-year bull market in bonds. However, given the unprecedented fiscal and monetary responses to the pandemic, we are questioning whether the bull market in bonds may indeed continue well into the future, while acknowledging that rates are now slightly higher than the all-time lows in August 2020.

Fund sensitivity to interest rates was held at a slightly lower level relative to the Fund's benchmark throughout the fiscal year, while the Fund was structured with a higher quality concentration. The Fund began the fiscal year with a substantial cash position, which became more difficult to manage in an environment of persistent bond calls and maturing positions while accompanied by a large reduction in new issue supply. Portfolio turnover remained very low as we felt that the Fund was structured appropriately entering the fiscal year.

The Fund did not have any derivative positions during the fiscal year.

[Table of Contents](#)

## Portfolio Positioning

Performance could have been enhanced if the manager was willing to increase exposure to the lower investment grade and high yield sectors of the market while lengthening portfolio duration. However, the Fund was well positioned to handle the unprecedented spike in volatility and subsequent liquidity pressures that resulted from the COVID-19 pandemic market selloff in the spring of calendar year 2020. Shareholders were participating on the upside, while downside protection was substantial. The manager endeavors to not compromise our desire to position the Fund as a high credit quality tax-free investment grade product with low NAV volatility. Therefore, we are not willing to take excessive credit and duration risks or utilize leverage to produce outsized returns that historically have been unsustainable, while exposing investors to increased risk to the inevitable downside and a higher level of NAV volatility. We will not compromise our management discipline. Preservation of capital is an important consideration in our efforts.

## What is your outlook for the year ahead?

At this juncture, we believe the municipal bond market is very expensive relative to taxable fixed income alternatives. There is euphoria as a result of the massive stimulus funds provided by the American Rescue Plan. Expected corporate and personal income tax rate increases on the horizon are also adding to the exuberance. This may be mitigated to some degree if there is a repeal of the SALT (State and Local Tax) cap, which we believe has added to additional investor demand for municipal bonds. Reinstating tax-exempt advance refunding ability, which is currently being discussed, would be a positive development.

Large investor flows into a negative supply market is also a tailwind. However, credit spreads are rapidly approaching the all-time lows from February 2020 and are well inside both 5- and 10-year averages. While the market has recently decoupled from the U.S. Treasury market, we do not believe this situation will be sustainable in the long run. We think continued pressure on U.S. Treasury market yields will eventually have to be acknowledged by the municipal bond market, as has been the historical relationship between these markets. A reversal of the persistent negative supply conditions would also pose a potential headwind, while a sustained period of negative returns in the municipal bond space could be a catalyst to reverse the long running investor flows which have supported the market. The Fed allowed the Money Market Liquidity Facility (MMLF) and the Municipal Liquidity Facility (MLF) programs to expire and is no longer in a position to be the lender of last resort in a stressed market.

Reopening of the economy, large fiscal spending, and extremely accommodative monetary policy provide a positive backdrop for strong economic performance. Funding the numerous aid packages that have already been passed as well as President Joe Biden's proposed \$2.25 trillion American Jobs Plan have the potential to put upward pressure on U.S. Treasury yields. It is rare for U.S. Treasury rates to be so low when economic growth expectations are so elevated. We think it is a recipe for potential upward pressure on inflation when adding in numerous supply chain issues. Therefore, we are proceeding with caution regarding duration extension.

Defaults in the municipal bond asset class continue to be rare and tend to be highly concentrated in the high yield space. We remain confident in our belief that investment grade municipal bond default rates will continue to be much lower than any other fixed income alternatives except U.S. Treasuries. We are beginning to see distressed situations in the high yield space with more frequency. This will need to be monitored closely, as we believe an acceleration of defaults or impairments on a larger scale would impact the high-grade space as funds sell the highest quality, most liquid holdings, to fund investor redemptions.

**Performance shown at NAV does not include the effect of sales charges. If reflected, the performance shown would have been lower. Performance including sales charges reflects the maximum applicable front-end sales load and thus the lowest possible performance after sales charges; your sales charges could be lower.**

**Past performance is not a guarantee of future results. As with any mutual fund, the value of the Fund's shares will change, and you could lose money on your investment.**

**The Fund may from time to time utilize futures contracts and similar derivative instruments designed for hedging purposes and/or to take a directional position on interest rates.**

**Fixed income securities are subject to interest rate risk and, as such, the Fund's NAV may fall as interest rates rise. These and other risks are more fully described in the Fund's prospectus.**

**The Fund may include a significant portion of its investments that will pay interest that is taxable under the Alternative Minimum Tax (AMT). Exempt-interest dividends the Fund pays may be subject to state and local income taxes. The portion of the dividends the Fund pays that is attributable to interest earned on U.S. government securities generally is not subject to those taxes, although distributions by the Fund to its shareholders of net realized gains on the sale of those securities are fully subject to those taxes. The municipal securities market generally, or certain municipal securities in particular, may be significantly affected by adverse political, legislative or regulatory changes or litigation at the Federal or state level. These and other risks are more fully described in the Fund's prospectus. Not all funds or fund classes may be offered at all broker/dealers.**

**The opinions expressed in this report are those of the Fund's portfolio manager and are current only through the end of the period of the report as stated on the cover. The manager's views are subject to change at any time based on market and other conditions, and no forecasts can be guaranteed.**

**The index noted is unmanaged, includes reinvested dividends, and does not include fees. One cannot invest directly in an index, nor is an index representative of the Ivy Municipal Bond Fund.**

[Table of Contents](#)**PORTFOLIO HIGHLIGHTS****IVY MUNICIPAL BOND FUND**

ALL DATA IS AS OF MARCH 31, 2021 (UNAUDITED)

**Asset Allocation**

<b>Stocks</b>	<b>1.6%</b>
Financials	1.6%
<b>Bonds</b>	<b>93.5%</b>
Municipal Bonds	93.5%
<b>Cash and Other Assets (Net of Liabilities), and Cash Equivalents+</b>	<b>4.9%</b>

**Quality Weightings**

<b>Investment Grade</b>	<b>91.6%</b>
AAA	8.2%
AA	49.4%
A	30.5%
BBB	3.5%
<b>Non-Investment Grade</b>	<b>1.9%</b>
BB	0.1%
Non-rated	1.8%
<b>Cash and Other Assets (Net of Liabilities), Cash Equivalents+ and Equities</b>	<b>6.5%</b>

*Our preference is to always use ratings obtained from Standard & Poor's, Moody's, and Fitch. It is each Portfolio's general policy to classify such security at the lower rating level if only two ratings are available. If more than two ratings are available and a median exists, the median is used. If more than two ratings exist without a median, the lower of the two middle ratings is used. We do not evaluate these ratings, but simply assign them to the appropriate credit quality category as determined by the rating agency.*

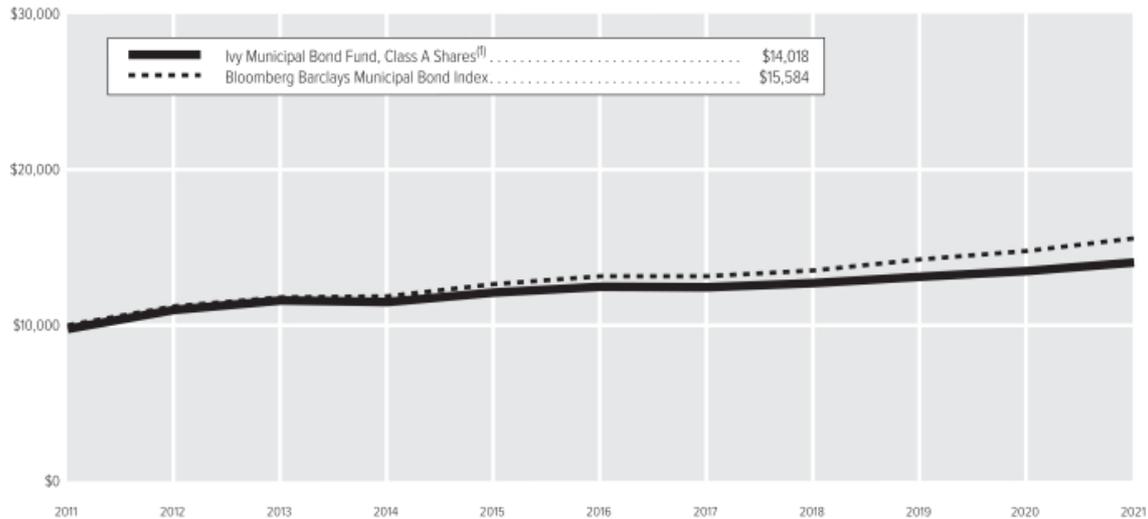
*+Cash equivalents are defined as highly liquid securities with maturities of less than three months. Cash equivalents may include U.S. Government Treasury bills, bank certificates of deposit, bankers' acceptances, corporate commercial paper and other money market instruments.*

[Table of Contents](#)

## COMPARISON OF CHANGE IN VALUE OF \$10,000 INVESTMENT

## IVY MUNICIPAL BOND FUND

(UNAUDITED)



Please note that the performance of the Fund's other share classes will be greater or less than the performance shown above for Class A based on the differences in loads and fees paid by shareholders investing in the different classes.

(1) The value of the investment in the Fund is impacted by the sales load at the time of the investment and by the ongoing expenses of the Fund and assumes reinvestment of dividends and distributions.

Average Annual Total Return <sup>(2)</sup>	Class A <sup>(3)</sup>	Class B <sup>(4)</sup>	Class C	Class I	Class N	Class Y
1-year period ended 3-31-21	1.46%	-0.92%	3.14%	4.21%	4.32%	4.07%
5-year period ended 3-31-21	1.89%	1.36%	1.55%	2.56%	—	2.40%
10-year period ended 3-31-21	3.44%	3.07%	3.06%	3.89%	—	3.70%
Since Inception of Class through 3-31-21 <sup>(5)</sup>	—	—	—	—	3.20%	—

(2) Data quoted is past performance and is based on deduction of the maximum applicable sales load for each of the periods. Current performance may be lower or higher. Past performance is no guarantee of future results. Investment return and principal value of an investment will fluctuate and shares, when redeemed, may be worth more or less than their original cost. Please visit [www.ivyinvestments.com](http://www.ivyinvestments.com) for the Fund's most recent month end performance. Class A Shares carry a maximum front-end sales load of 2.50%<sup>(a)</sup>. Class B and Class C shares carry a maximum contingent deferred sales charge (CDSC) of 5% and 1%, respectively (the Class C shares reflect no CDSC since it only applies to Class C shares redeemed within twelve months after purchase). Class I, Class N and Class Y shares are not subject to sales charges.

(3) Class A shares carry a CDSC on shares purchased at net asset value for \$1 million or more that are subsequently redeemed within 12 months of purchase. Effective October 1, 2020, Class A shares carry a CDSC on shares purchased at net asset value for \$500,000 or more that are subsequently redeemed within 12 months of purchase.

(4) Class B shares are not currently available for direct investment. However, they are available for dividend reinvestment and exchange of the same class shares of another Ivy Fund.

(5) 7-5-17 for Class N shares (the date on which shares were first acquired by shareholders).

Past performance is not necessarily indicative of future performance. Indexes are unmanaged. The performance graph and table do not reflect the deduction of taxes that a shareholder would pay on Fund distributions or on the redemption of Fund shares. Performance results may include the effect of expense reduction arrangements for some or all of the periods shown. If those arrangements had not been in place, the performance results for those periods would have been lower.

(a) Effective October 1, 2020, the maximum applicable sales charge for Class A shares has been lowered to 2.50% from 4.25%.

[Table of Contents](#)

**SCHEDULE OF INVESTMENTS**

**IVY MUNICIPAL BOND FUND** (in thousands)

MARCH 31, 2021

INVESTMENT FUNDS	Shares	Value	MUNICIPAL BONDS (Continued)	Principal	Value	MUNICIPAL BONDS (Continued)	Principal	Value
Registered Investment Companies – 1.6%			California – 12.7%			California (Continued)		
iShares National AMT-Free Muni Bond ETF	69	\$ 7,996	Bay Area Toll Auth, San Francisco Bay Area Toll Bridge Rev Bonds, Ser 2008			Los Angeles, CA, Dept of Arpts, Los Angeles Intl Arpt Sub Rev Bonds, Ser 2019A,		
VanEck Vectors High Yield Muni ETF	61	<u>3,791</u>	G-1 (SIFMA Municipal Swap Index plus 110 bps),			5.000%, 5–15–32	\$ 265	\$ 333
		<u>11,787</u>	1.150%, 4–1–45 (A)	\$ 10,000	\$ 10,212	Los Angeles, Wastewater Sys Rev Bonds, Ser 2015-A,		
<b>TOTAL INVESTMENT FUNDS – 1.6%</b>		<b>\$ 11,787</b>	CA (School Facilities) GO Bonds,			5.000%, 6–1–35	1,000	1,170
(Cost: \$11,287)			5.000%, 11–1–30	3,000	3,353	Modesto, CA, Irrigation Dist Fin Auth, Elec Sys Rev Bonds, Ser 2015A,		
<b>MUNICIPAL BONDS</b>			CA Cmnty Trans Rev (Installment Sale), Cert of Part (T.R.I.P. – Total Road Impvt Prog), Ser 2012B,			5.000%, 10–1–36	4,270	5,029
<b>Principal</b>			5.250%, 6–1–42	2,245	2,377	Mountain View Shoreline Reg Park Cmnty (Santa Clara Cnty, CA), Rev Bonds, Ser 2011A,		
Alabama – 2.2%			CA GO Bonds, Ser 2020,			5.000%, 8–1–21	250	254
AL Pub Sch and College Auth, Cap Impvt and Rfdg Bonds, Ser 2020A,			5.000%, 3–1–36	1,500	1,947	Palomar Hlth, GO Rfdg Bonds, Ser 2016B,		
5.000%, 11–1–29	\$ 1,250	1,656	CA Muni Fin Auth, Edu Rev Bonds (American Heritage Edu Fndtn Proj), Ser 2016A,			4.000%, 8–1–37	1,000	1,101
Univ of KS Hosp Auth, Hlth Fac Rev Bonds, Ser 2004,			5.000%, 6–1–36	1,000	1,121	Palomar Pomerado Hlth, GO Bonds, Election of 2004, Ser 2009A:		
0.060%, 9–1–34	7,590	7,590	CA Sch Fin Auth, Charter Sch Rev Bonds (Coastal Academy Proj), Ser 2013A:			0.000%, 8–1–31 (B)	3,315	2,751
Water Works Board of the City of Birmingham, Water Rev Rfdg Bonds, Ser 2015-A,			5.000%, 10–1–22	150	155	0.000%, 8–1–32 (B)	5,000	4,046
5.000%, 1–1–35	6,555	<u>7,657</u>	CA Statewide Cmnty Dev Auth, Student Hsng Rev Bonds (Univ of CA, Irvine East Campus Apt, Phase I Rfdg-CHF-Irvine LLC), Ser 2011,			0.000%, 8–1–33 (B)	5,000	3,939
		<u>16,903</u>	5.000%, 5–15–21	1,365	1,370	Santa Ana Unif Sch Dist (Orange County, CA), Election of 2008 GO Bond, Series B,		
Alaska – 1.2%			CA Various Purp GO Bonds:			0.000%, 8–1–37 (B)	1,455	979
AK Hsng Fin Corp., Gen Mtg Rev Bonds II, Ser 2020A:			5.250%, 9–1–26	5,000	5,104	State Pub Works Board of CA, Lease Rev Bonds (Various Cap Proj), Ser 2011A:		
1.800%, 6–1–31	1,210	1,219	5.500%, 4–1–28	5	5	5.250%, 10–1–24	500	512
1.850%, 12–1–31	1,470	1,483	5.000%, 4–1–37	5,000	5,449	5.000%, 12–1–24	500	516
1.900%, 6–1–32	1,000	1,003	CA Various Purp GO Rfdg Bonds, 5.000%,			Successor Agy to the Redev Agy of the City of Stockton, Tax Alloc Rfdg Bonds, Ser 2016A,		
1.900%, 12–1–32	800	801	2–1–33	10,000	10,831	5.000%, 9–1–37	2,000	2,379
1.950%, 6–1–33	1,500	1,497	City of Los Angeles, Wastewater Sys Rev Bonds, Rfdg Ser 2015-D,			The Regents of the Univ of CA, Gen Rev Bonds, Ser 2013AI,		
1.950%, 12–1–33	1,000	995	5.000%, 6–1–34	6,190	7,255	5.000%, 5–15–34	3,500	3,836
AK Intl Arpt, Sys Rev and Rfdg Bonds, Ser 2010A,			Cnty of Sacramento, 2020 Rfdg Cert of Part, Sacramento Cnty Pub Fac Fin Corp. (Insured by AGM),			Trustees of the CA State Univ, Systemwide Rev Bonds, Ser 2015A,		
5.000%, 10–1–21	1,735	<u>1,739</u>	5.000%, 10–1–27	660	817	5.000%, 11–1–38	500	590
		<u>8,737</u>	Golden State Tob Securitization Corp., Enhanced Tob Stimt Asset-Bkd Bonds, Ser 2013A:			Upland Unif Sch Dist (San Bernardino Cnty, CA), Election of 2008 GO Bonds, Ser A,		
Arizona – 2.1%			5.000%, 6–1–29	1,500	1,640	0.000%, 8–1–31 (B)	150	<u>124</u>
City of Phoenix Civic Impvt Corp., Jr Lien Arpt Rev Bonds, Ser 2019B:			5.000%, 6–1–30	1,000	1,092			<u>95,906</u>
4.000%, 7–1–37	4,000	4,524	Golden State Tob Securitization Corp., Tob Stimt Asset-Bkd Bonds, Ser 2015A:			Colorado – 1.8%		
4.000%, 7–1–39	1,000	1,125	5.000%, 6–1–33	3,165	3,705	CO Hlth Fac Auth, Rev Rfdg Bonds (SCL Hlth Sys), Ser 2019A,		
Maricopa Cnty Indl Dev Auth, Rev Bonds (Banner Hlth), Ser 2016A,			5.000%, 6–1–34	2,840	3,321	4.000%, 1–1–37	750	882
4.000%, 1–1–38	8,500	9,516	La Quinta Redev Proj Areas No. 1 and 2, Tax Alloc Rfdg Bonds, Ser 2014A,			CO Hlth Fac Auth, Rev Rfdg Bonds (SCL Hlth Sys), Ser 2019B,		
Mesa, AZ, GO Rfdg Bonds, Ser 2020:			5.000%, 9–1–34	750	847	4.000%, 1–1–40	5,000	5,816
5.000%, 7–1–28	375	482	Los Angeles Cnty Metro Trans Auth, Measure R Jr Sub Sales Tax Rev Rfdg Bonds, Ser 2020A,			Denver, CO, Dept of Aviation, Arpt Sys Sub Rev Bonds, Ser 2018A:		
5.000%, 7–1–29	435	<u>571</u>	5.000%, 6–1–30	4,000	5,415	5.000%, 12–1–31	2,000	2,475
		<u>16,218</u>	Los Angeles Unif Sch Dist, GO Bonds (Dedicated Unlimited Ad Valorem Ppty Tax), Ser 2020C,			5.000%, 12–1–35	1,000	1,222
Arkansas – 0.1%			5.000%, 7–1–28	1,000	1,293	Metro Wastewater Reclamation Dist, CO Sewer Impvt Bonds, Ser 2020A,		
Board of Trustees of the Univ of AR, Var Fac Rev Bonds (Fayetteville Campus), Rfdg and Impvt Ser 2016A,						5.000%, 4–1–30	750	1,002
5.000%, 11–1–37	745	<u>885</u>						

[Table of Contents](#)

**SCHEDULE OF INVESTMENTS**

**IVY MUNICIPAL BOND FUND** *(in thousands)*

MARCH 31, 2021

MUNICIPAL BONDS (Continued)	Principal	Value	MUNICIPAL BONDS (Continued)	Principal	Value	MUNICIPAL BONDS (Continued)	Principal	Value
<b>Colorado (Continued)</b>			<b>Florida (Continued)</b>			<b>Hawaii - 0.4%</b>		
Platte Vly Fire Protection Dist, Weld Cnty, CO, Cert of Part, Ser 2012, 5.000%, 12-1-36	\$ 300	\$ 304	Miami-Dade Cnty, FL, Water and Sewer Sys Rev Rfdg Bonds, Ser 2008B (Insured by AGM), 5.250%, 10-1-22	\$ 5,500	\$ 5,913	HI Arpt Sys Rev Bond, Rfdg Ser 2011, 5.000%, 7-1-21	\$ 1,000	\$ 1,011
Rgnl Trans Dist of CO, Cert of Part, Ser 2015A, 5.000%, 6-1-35	1,435	1,639	Mid-Bay Bridge Auth, Springing Lien Rev Bonds, Ser 2011A, 7.250%, 10-1-34	3,500	3,622	HI Dept of Budget and Fin, Spl Purp Rev Bonds (The Queen's Hlth Sys), Ser 2015A, 5.000%, 7-1-35	1,500	<u>1,722</u>
Rgnl Trans Dist of CO, Tax-Exempt Private Activity Bonds (Denver Transit Partn Eagle P3 Proj), Ser 2020A, 5.000%, 7-15-26	275	<u>329</u>	Orange Cnty Hlth Fac Auth, Rev Bonds (Presbyterian Ret Cmnty Proj), Ser 2016, 5.000%, 8-1-36	4,125	4,486			<u>2,733</u>
		<u>13,669</u>	Orlando, FL, Greater Orlando Aviation Auth, Arpt Fac Rev Bonds, Ser 2019A: 4.000%, 10-1-37	5,000	5,757	<b>Illinois - 4.1%</b>		
Connecticut - 0.2%			4.000%, 10-1-39	3,000	3,436	Belleville, IL, Tax Incr Rfdg Rev Bonds (Frank Scott Pkwy Redev Proj), Ser 2007A: 5.000%, 5-1-26	80	80
Univ of CT, GO Bonds, Ser 2020A, 5.000%, 2-15-36	1,000	<u>1,272</u>	Osceola Cnty, FL, Sales Tax Rev Rfdg Bonds, Ser 2016A, 5.000%, 10-1-37	2,005	2,361	5.700%, 5-1-36	1,750	1,750
<b>District Of Columbia - 1.7%</b>			Palm Beach Cnty, FL, Sch Board, Cert of Part, Ser 2020A, 5.000%, 8-1-34	2,000	2,580	Build IL Sales Tax Rev Bonds, Ser 2011, 5.000%, 6-15-27	500	504
DC Income Tax Secured Rev Bonds, Ser 2019A, 4.000%, 3-1-37	1,000	1,194	Sch Board of Broward Cnty, FL, Cert of Part, Ser 2020A, 5.000%, 7-1-34	4,450	5,772	Chicago O'Hare Intl Arpt, Gen Arpt Sr Lien Rev Bonds, Ser 2016D (Insured by BAMAC), 5.250%, 1-1-37	2,500	2,997
DC Water and Sewer Auth, Pub Util Sub Lien Multimodal Rev Bonds, Ser 2019C (Mortgage spread to 5-year U.S. Treasury index), 1.500%, 10-1-54 (A)	1,000	1,039	St. Lucie, FL, Util Sys Rfdg Rev Bonds, Ser 2016, 4.000%, 9-1-34	1,000	1,150	Chicago O'Hare Intl Arpt, Gen Arpt Sr Lien Rev Rfdg Bonds, Ser 2015B, 5.000%, 1-1-34	1,000	1,149
DC Water and Sewer Auth, Pub Util Sub Lien Rev Bonds, Ser 2015A, 5.000%, 10-1-45	1,565	1,819	Volusia Cnty Edu Fac Auth, Edu Fac Rev Rfdg Bonds (Embry-Riddle Aeronautical Univ, Inc. Proj), Ser 2011, 5.250%, 10-15-22	2,750	<u>2,823</u>	Chicago O'Hare Intl Arpt, Gen Arpt Sr Lien Rev Rfdg Bonds (Chicago O'Hare Intl Arpt), Ser 2018A (Insured by AGM), 5.000%, 1-1-38	605	729
Metro WA DC Arpt Auth, Dulles Toll Road, Second Sr Lien Rev Bonds, Ser 2009C, 6.500%, 10-1-41	7,000	<u>8,870</u>			<u>56,987</u>	IL Fin Auth, Rev Bonds (Univ of Chicago), Ser 2021A, 5.000%, 10-1-28 (C)	1,000	1,267
		<u>12,922</u>	<b>Georgia - 3.8%</b>			IL Fin Auth, Var Rate Demand Rev Bonds (The Univ of Chicago Med Ctr), Ser 2009E-2, 0.060%, 8-1-43	2,850	2,850
<b>Florida - 7.5%</b>			Appling Cnty, GA, Dev Auth, Pollutn Ctl Rev Bonds (Oglethorpe Power Corp. Hatch Proj), Ser 2013A, 1.500%, 1-1-38	250	255	IL GO Bonds, Ser 2021B, 5.000%, 3-1-24	1,000	1,116
East Cent Rgnl Wastewater Treatment Fac Operation Board, Wastewater Treatment Fac Rev Rfdg Bonds, Ser 2017, 5.000%, 10-1-44	3,000	3,635	Atlanta, GA, Water and Wastewater Rev Rfdg Bonds, Ser 2019, 4.000%, 11-1-38	4,000	4,770	IL Muni Elec Agy, Power Supply Sys Rev Rfdg Bonds, Ser 2015A, 5.000%, 2-1-32	3,695	4,348
FL Dev Fin Corp., Edu Fac Rev Bonds (Mater Academy Proj), Ser 2020A: 5.000%, 6-15-28	410	486	Brookhaven Dev Auth, Rev Bonds (Children's Hlthcare of Atlanta, Inc.), Ser 2019A, 4.000%, 7-1-44	8,000	9,289	IL Sales Tax Rev Bonds (Jr Oblig), Ser 2013, 5.000%, 6-15-26	2,000	2,163
5.000%, 6-15-29	400	469	GA Hsng and Fin Auth, Sngl Fam Mtg Bonds, Ser 2020A: 2.450%, 6-1-31	550	583	IL State Toll Hwy Auth, Toll Hwy Sr Rev Bonds, Ser 2013A, 5.000%, 1-1-35	4,100	4,417
Hillsborough Cnty Aviation Auth, FL Intl Arpt, Sub Rev Bonds, Ser 2015B, 5.000%, 10-1-35	2,000	2,288	2.450%, 12-1-31	620	656	IL State Toll Hwy Auth, Toll Hwy Sr Rev Bonds, Ser 2015B, 5.000%, 1-1-37	2,000	2,365
Jacksonville, FL, Spl Rev and Rfdg Bonds, Ser 2020A, 5.000%, 10-1-35	4,475	5,876	2.600%, 6-1-32	430	458	Rgnl Trans Auth, Cook, DuPage, Kane, Lake, McHenry and Will Cnty, IL, GO Bonds, Ser 2002A, 6.000%, 7-1-24	3,080	<u>3,603</u>
Lake Worth Beach, FL, Consolidated Util Rev Bonds, Ser 2020: 5.000%, 10-1-27	735	924	GA State Road and Twy Auth, Fed Hwy Grant Anticipation Rev Bonds, Ser 2020, 5.000%, 6-1-27	2,000	2,508			<u>31,096</u>
5.000%, 10-1-28	1,000	1,275	Metro Atlanta Rapid Transit Auth, Sales Tax Rev Bonds, Ser 2015B, 5.000%, 7-1-43	8,325	<u>9,957</u>			
Miami-Dade Cnty, FL, Aviation Rev Bonds, Ser 2019A, 4.000%, 10-1-44	1,500	1,674			<u>28,476</u>			
Miami-Dade Cnty, FL, Aviation Rev Rfdg Bonds, Ser 2014, 5.000%, 10-1-34	2,165	2,460						

[Table of Contents](#)

**SCHEDULE OF INVESTMENTS**

**IVY MUNICIPAL BOND FUND** *(in thousands)*

MARCH 31, 2021

MUNICIPAL BONDS (Continued)		Principal	Value	MUNICIPAL BONDS (Continued)		Principal	Value	MUNICIPAL BONDS (Continued)		Principal	Value
Indiana – 2.3%											
Ctr Grove Multi-Fac Sch Bldg Corp. (Johnson Cnty.IN), Ad Valorem Ppty Tax, First Mtg Bonds, Ser 2020C:											
5.500%, 1-10-29		\$ 115	\$ 152								
5.500%, 7-10-29		635	849								
5.500%, 1-10-30		655	883								
5.500%, 7-10-30		670	912								
5.500%, 1-10-31		685	942								
IN Muni Power Agy, Power Supply Sys Rev Bonds, Ser 2019A,											
4.000%, 1-1-39		2,630	3,061								
IN Muni Power Agy, Power Supply Sys Rfdg Rev Bonds, Ser 2016A:											
5.000%, 1-1-37		1,000	1,203								
5.000%, 1-1-42		2,000	2,384								
IN Muni Power Agy, Power Supply Sys Rfdg Rev Bonds, Ser 2016C,											
5.000%, 1-1-39		1,000	1,198								
Indianapolis, IN, Econ Dev Rev Bonds (Pine Glen Apt Proj), Ser 2004,											
0.080%, 9-1-39		5,750	<u>5,750</u>								
			<u>17,334</u>								
Iowa – 0.5%											
Ames, IA, Hosp Rev Rfdg Bonds (Mary Greeley Med Ctr), Ser 2016,											
4.000%, 6-15-35		1,510	1,661								
IA Higher Edu Loan Auth, Private College Fac Rev Bonds (Upper IA Univ Proj), Ser 2012,											
5.000%, 9-1-33		1,750	<u>1,953</u>								
			<u>3,614</u>								
Louisiana – 2.4%											
Jefferson Sales Tax Dist., Parish of Jefferson, LA, Spl Sales Tax Rev Bonds, Ser 2017B (Insured by AGM),											
5.000%, 12-1-42		5,000	6,116								
LA Citizens Prop Ins Corp., Assmt Rev Rfdg Bonds, Ser 2012,											
5.000%, 6-1-24		500	528								
LA Gasoline and Fuels Tax, Rev Rfdg Bonds, Ser 2015A,											
5.000%, 5-1-41		4,000	4,615								
New Orleans, LA, GO Rfdg Bonds, Ser 2012 (Insured by AGM):											
5.000%, 12-1-25		1,500	1,615								
5.000%, 12-1-26		3,500	3,764								
5.000%, 12-1-27		1,500	<u>1,613</u>								
			<u>18,251</u>								
Maine – 0.3%											
ME Tpk Auth, Tpk Rev Rfdg Bonds, Ser 2015,											
5.000%, 7-1-34		2,255	<u>2,649</u>								
Maryland – 2.3%											
Baltimore, MD, Proj Rev Bonds (Stormwater Proj), Ser 2019A,											
4.000%, 7-1-44		\$ 5,000	\$ 5,810								
Baltimore, MD, Proj Rev Bonds (Wastewater Proj), Ser 2019A,											
4.000%, 7-1-44		3,500	4,076								
Baltimore, MD, Proj Rev Bonds (Water Proj), Ser 2019A,											
4.000%, 7-1-44		6,500	<u>7,548</u>								
			<u>17,434</u>								
Massachusetts – 1.1%											
Commonwealth of MA, GO Bonds, Ser 2020D,											
5.000%, 7-1-30		4,000	5,329								
Commonwealth of MA, GO Rfdg Bonds, Ser 2020E,											
5.000%, 11-1-29		715	945								
MA Dev Fin Agy, Rev Bonds (Wellforce Issue), Ser 2020C:											
5.000%, 10-1-28		500	631								
5.000%, 10-1-29		425	546								
MA Edu Fin Auth, Edu Loan Rev Bonds, Issue I, Ser 2009,											
6.000%, 1-1-28		95	96								
MA Port Auth, Rev Rfdg Bonds, Ser 2021B:											
5.000%, 7-1-33		400	526								
5.000%, 7-1-34		425	<u>556</u>								
			<u>8,629</u>								
Michigan – 3.7%											
Detroit, MI, Sch Dist, Rfdg Bonds, Ser 2020A:											
5.000%, 5-1-31		1,000	1,322								
5.000%, 5-1-32		750	986								
Lincoln Consolidated Sch Dist, Cnty of Washtenaw and Wayne, MI, Rfdg Bonds, Ser 2016A, 5.000%, 5-1-35											
		500	594								
MI Fin Auth, Hosp Rev and Rfdg Bonds (Trinity Hlth Credit Group), Ser 2015MI,											
5.000%, 12-1-35		3,000	3,168								
MI Fin Auth, Hosp Rev Bonds (CHE Trinity Hlth Credit Group), Ser 2013MI-2:											
4.000%, 12-1-35		1,250	1,482								
4.000%, 12-1-36		1,100	1,300								
MI Fin Auth, Hosp Rev Bonds (CHE Trinity Hlth Credit Group), Ser 2013MI-4,											
5.000%, 12-1-39		4,150	5,253								
MI Fin Auth, Second Lien Distributable State Aid Rev and Rev Rfdg Bonds, Ser 2020 (Insured by BAMAC):											
5.000%, 11-1-27		475	590								
5.000%, 11-1-28		765	969								
5.000%, 11-1-29		1,650	2,125								
Michigan (Continued)											
MI State Bldg Auth, Rev and Rfdg Bonds (Fac Prog), Ser 2015I,											
5.000%, 4-15-34		\$ 3,000	\$ 3,561								
MI State Bldg Auth, Rev and Rfdg Bonds (Fac Prog), Ser 2016I,											
4.000%, 10-15-36		1,000	1,133								
MI State Hosp Fin Auth, Rfdg and Proj Rev Bonds (Ascension Hlth Sr Credit Group), Ser 2010F-4,											
5.000%, 11-15-47		500	623								
MI State Hosp Fin Auth, Var Rate Rev Bonds (Ascension Hlth Credit Group), Ser 1999B-4,											
5.000%, 11-15-32		2,000	2,337								
Sparta Area Sch, 2016 Sch Bldg and Site Bonds (Kent and Ottawa Cnty, MI), Ser I,											
5.000%, 5-1-46		2,000	<u>2,360</u>								
			<u>27,803</u>								
Minnesota – 0.6%											
Oakdale, MN, Var Rate Demand Multifamily Hsng Rev Rfdg Bonds (Cottage Homesteads of Aspen Proj), Ser 2008 (Insured by Federal Home Loan Mortgage Corp.),											
0.080%, 6-1-45		4,785	<u>4,785</u>								
Missouri – 3.0%											
Broadway-Fairview Trans Dev Dist (Columbia, MO), Trans Sales Tax Rev Bonds, Ser 2006A,											
6.125%, 12-1-36		175	114								
Hlth and Edu Fac Auth, Hlth Fac Rev Bonds (Mosaic Hlth Sys), Ser 2019A,											
4.000%, 2-15-44		600	683								
Kansas City, MO, Spl Oblig Impvt and Rfdg Bonds (Downtown Arena Proj), Ser 2016E, 5.000%, 4-1-40											
		2,000	2,300								
MO Hlth and Edu Fac Auth, Hlth Fac Rev Bonds (BJC Hlth Sys), Ser 2021C,											
5.000%, 5-1-52		2,885	3,656								
MO Joint Muni Elec Util Comsn, Power Proj Rev Rfdg Bonds (Prairie State Proj), Ser 2015A:											
5.000%, 12-1-29		1,550	1,815								
5.000%, 12-1-30		1,200	1,405								
5.000%, 12-1-31		1,000	1,170								
MO Joint Muni Elec Util Comsn, Power Proj Rev Rfdg Bonds (Iatan 2 Proj), Ser 2015A:											
5.000%, 12-1-36		5,650	6,572								
5.000%, 12-1-37		1,000	1,161								
MO Joint Muni Elec Util Comsn, Power Proj Rev Rfdg Bonds (Prairie State Proj), Ser 2016A,											
5.000%, 12-1-40		1,000	1,189								

[Table of Contents](#)

**SCHEDULE OF INVESTMENTS**

**IVY MUNICIPAL BOND FUND** *(in thousands)*

MARCH 31, 2021

MUNICIPAL BONDS (Continued)	Principal	Value	MUNICIPAL BONDS (Continued)	Principal	Value	MUNICIPAL BONDS (Continued)	Principal	Value
<b>Missouri (Continued)</b>			<b>New Jersey (Continued)</b>			<b>New York (Continued)</b>		
St. Louis Cnty, MO, Indl Dev Auth, Sr Living Fac Rev Bonds (Friendship Vlg Sunset Hills), Ser 2012, 5.000%, 9-1-32	\$ 1,120	\$ 1,158	Hudson Cnty Impvt Auth, Cnty Secured Lease Rev Bonds (Hudson Cnty Courthouse Proj), Ser 2020, 5.000%, 10-1-29	\$ 500	\$ 649	NY State Urban Dev Corp., State Personal Income Tax Rev Bonds (Gen Purp), Ser 2020A (Tax-Exempt), 4.000%, 3-15-38	\$ 1,000	\$ 1,166
St. Louis Muni Fin Corp., Compound Int Leasehold Rev Bonds (Convention Ctr Cap Impvt Proj), Ser 2010A (Insured by AGM), 0.000%, 7-15-36 (B)	2,350	<u>1,566</u> <u>22,789</u>	Monmouth Cnty Impvt Auth, Governmental Pooled Loan Rev Bonds, Ser 2020, 5.000%, 12-1-27	655	837	NYC GO Bonds, Fiscal 2014 Ser G, 5.000%, 8-1-30	1,000	1,126
<b>Montana - 0.2%</b>			NJ Econ Dev Auth, Sch Fac Constr Bonds, Ser 2021QQQ, 5.000%, 6-15-25	385	451	NYC GO Bonds, Fiscal 2020 Ser D-1, 4.000%, 3-1-41	2,000	2,293
MT Board of Hsng, Sngl Fam Mtg Bonds, Ser 2020B, 2.750%, 12-1-40	1,000	1,040	NJ Higher Edu Student Assistance Auth, Student Loan Rev Bonds, Ser 2011-1, 5, 5.00%, 12-1-21	1,145	1,184	NYC GO Bonds, Fiscal 2021 Ser A-1, 5.000%, 8-1-28	2,000	2,558
MT Fac Fin Auth, Rev Rfdg Bonds (SCL Hlth Sys), Ser 2019A, 4.000%, 1-1-37	500	<u>588</u> <u>1,628</u>	NJ Hlth Care Fac Fin Auth, Rev and Rfdg Bonds, Barnabas Hlth Issue, Ser 2011A, 5.625%, 7-1-37	500	506	NYC GO Bonds, Ser 2014D-1, 5.000%, 8-1-30	2,000	2,213
<b>Nebraska - 1.3%</b>			NJ Tpk Auth, Tpk Rev Bonds, Ser 2021A, 4.000%, 1-1-42	1,000	1,168	NYC Hlth and Hosp Corp., Hlth Sys Bonds, Ser 2020A, 5.000%, 2-15-28	1,500	1,892
Hall Cnty Sch Dist 0002, GO Bonds (Grand Island Pub Sch), Ser 2014, 5.000%, 12-15-39	3,270	3,833	NJ Trans Trust Fund Auth, Trans Sys Bonds, Ser 2005B, 5.250%, 12-15-22	3,500	3,794	NYC Hsng Dev Corp., Multi-Fam Hsng Rev Bonds, Ser 2020A-1-B: 2.000%, 5-1-31	730	742
NE Investment Fin Auth, Sngl Fam Hsng Rev Bonds, Ser 2020A, 2.350%, 9-1-35	2,500	2,578	NJ Trans Trust Fund Auth, Trans Sys Bonds, Ser 2006A (Insured by AGM/CR), 5.500%, 12-15-22	1,500	1,633	2.050%, 11-1-31	520	530
Omaha, NE, Pub Power Dist, Separate Elec Sys Rev Bonds (NE City 2), Ser 2015A, 5.000%, 2-1-33	1,000	1,157	Passaic Vly Sewerage Commissioners (NJ), Sewer Sys Bonds, Ser G, 5.750%, 12-1-21	2,935	<u>3,036</u> <u>15,821</u>	2.100%, 5-1-32	1,055	1,072
Omaha, NE, Pub Power Dist, Separate Elec Sys Rev Bonds (NE City 2), Ser 2016A, 5.000%, 2-1-41	1,000	1,177	<b>New York - 13.1%</b>			2.150%, 11-1-32	970	987
Sarpy Cnty Sch Dist 0027, GO Rfdg Bonds (Papillion - La Vista, NE, Pub Sch), Ser 2020B, 4.000%, 12-1-30	600	<u>743</u> <u>9,488</u>	Dormitory Auth of the State of NY, Sch Dist Rev Bond Fin Prog Rev Bonds, Ser 2020A (Insured by AGM): 5.000%, 10-1-32	1,000	1,257	NYC Indl Dev Agy, Pilot Rev Bonds (Yankee Stadium Proj), Ser 2009A: 0.000%, 3-1-25 (B)	3,175	3,029
<b>Nevada - 0.8%</b>			Dormitory Auth of the State of NY, State Personal Income Tax Rev Bonds (Gen Purp), Ser 2015C (Tax-Exempt), 5.000%, 2-15-38	500	626	0.000%, 3-1-26 (B)	3,185	2,981
Las Vegas Vly Water Dist., Water Impvt and Rfdg GO Bonds, Ser 2016A, 5.000%, 6-1-41	5,000	<u>5,965</u>	Long Island Power Auth, Elec Sys Gen Rev Bonds, Ser 2014A (Insured by AGM), 5.000%, 9-1-39	1,500	1,703	0.000%, 3-1-27 (B)	3,000	2,743
<b>New Hampshire - 0.3%</b>			Metro Trans Auth, Trans Rev Bonds, Ser 2014C, 5.000%, 11-15-36	2,625	2,933	NYC Indl Dev Agy, Pilot Rfdg Bonds (Queens Baseball Stadium Proj), Ser 2021A (Insured by AGM), 5.000%, 1-1-28	750	943
NH Hlth and Edu Fac Auth, Rev Bonds, Rivermead Issue, Ser 2011A, 6.875%, 7-1-41	2,150	<u>2,184</u>	Metro Trans Auth, Trans Rev Green Bonds, Ser 2016A-1, 5.000%, 11-15-41	2,105	2,412	NYC Muni Water Fin Auth, Water and Sewer Sys Second Gen Resolution Rev Bonds, Ser 2015HH, 5.000%, 6-15-37	10,000	11,708
<b>New Jersey - 2.1%</b>			Metro Trans Auth, Trans Rev Rfdg Bonds, Ser 2015C-1, 5.000%, 11-15-35	2,500	2,872	NYC Muni Water Fin Auth, Water and Sewer Sys Second Gen Resolution Rev Bonds, Fiscal 2020 Ser AA, 4.000%, 6-15-40	1,000	1,173
Hudson Cnty Impvt Auth (Hudson Cnty, NJ), Fac Lease Rev Rfdg Bonds (Hudson Cnty Lease Proj), Ser 2010, 5.375%, 10-1-21	2,500	2,563	NY Convention Ctr Dev Corp., Rev Rfdg Bonds (Hotel Unit Fee Secured), Ser 2015, 5.000%, 11-15-34	3,000	3,436	NYC Transitional Fin Auth, Bldg Aid Rev Bonds, Ser S-3, 5.000%, 7-15-36	2,000	2,480
						NYC Transitional Fin Auth, Bldg Aid Rev Bonds, Ser 2016S-1, 5.000%, 7-15-37	1,000	1,182
						NYC Transitional Fin Auth, Future Tax Secured Sub Bonds, Ser 2015B-1, 5.000%, 8-1-39	6,000	6,812
						NYC Transitional Fin Auth, Future Tax Secured Tax-Exempt Sub Bonds, Ser 2013I, 5.000%, 5-1-29	3,000	3,293
						NYC Transitional Fin Auth, Future Tax Secured Tax-Exempt Sub Bonds, Ser 2018A-2, 5.000%, 8-1-37	5,360	6,545
						Port Auth of NY & NJ Consolidated Bonds, Ser 221, 5.000%, 7-15-32	5,000	6,412
						Port Auth of NY & NJ Consolidated Bonds, Ser 223, 5.000%, 7-15-28	2,500	3,153
						Util Debt Securitization Auth, Restructuring Bonds, Ser 2013TE, 5.000%, 12-15-31	10,000	<u>11,239</u> <u>99,271</u>

[Table of Contents](#)

**SCHEDULE OF INVESTMENTS**

**IVY MUNICIPAL BOND FUND** *(in thousands)*

MARCH 31, 2021

MUNICIPAL BONDS (Continued)			MUNICIPAL BONDS (Continued)			MUNICIPAL BONDS (Continued)		
	Principal	Value		Principal	Value		Principal	Value
<b>North Carolina – 2.0%</b>			<b>Pennsylvania – 2.1%</b>			<b>Texas (Continued)</b>		
Board of Governors of the Univ Of NC, Univ of NC Hosp at Chapel Hill Rev Bonds, Ser 2019, 4.000%, 2-1-36	\$ 1,000	\$ 1,158	PA Higher Edu Fac Auth, Rev Bonds (Shippensburg Univ Student Svc, Inc. Student Hsng Proj at Shippensburg Univ of PA), Ser 2011, 6.000%, 10-1-26	\$ 3,000	\$ 3,086	Houston Higher Edu Fin Corp., Edu Rev Bonds (Cosmos Fndtn, Inc.), Ser 2011A: 6.500%, 5-15-31	\$ 1,000	\$ 1,007
NC Hsng Fin Agy, Home Ownership Rev Bonds, Ser 44, 2.550%, 7-1-35	1,000	1,045	PA Tpk Comsn, Tpk Sub Rev Bonds, Ser 2009C, 6.250%, 6-1-33	4,000	5,042	Houston, TX, Arpt Sys, Sub Lien Rev Rfdg Bonds, Ser 2012A, 5.000%, 7-1-32	500	529
NC Med Care Comsn, Hosp Rev Bonds (CaroMont Hlth), Ser 2021B, 5.000%, 2-1-51	4,700	5,670	PA Tpk Comsn, Tpk Sub Rev Bonds, Ser 2009E, 6.375%, 12-1-38	2,500	3,291	Houston, TX, Combined Util Sys, First Lien Rev Rfdg Bonds, Ser 2019B: 4.000%, 11-15-38	1,000	1,190
NC Tpk Auth, Triangle Expressway Sys Rev Bonds, Ser 2009B (Insured by Assured Guaranty Corp.), 0.000%, 1-1-34 (B)	10,000	<u>7,541</u>	PA Tpk Comsn, Tpk Sub Rev Rfdg Bonds, Ser 2016, 5.000%, 6-1-38	1,000	1,176	4.000%, 11-15-39	2,000	2,375
		<u>15,414</u>	Philadelphia Auth Inld Dev, Rev Bonds (Mariana Bracetti Academy Charter Sch Proj), Ser 2011, 7.250%, 12-15-31	3,000	<u>3,147</u>	North Harris Cnty Rgnl Water Auth, Sr Lien Rev and Rfdg Bonds, Ser 2016, 4.000%, 12-15-35	3,090	3,499
<b>North Dakota – 0.4%</b>					<u>15,742</u>	North TX Twy Auth, Sys Rev Rfdg Bonds, Ser 2008D, 0.000%, 1-1-30 (B)	15,000	13,026
ND Bldg Auth, Fac Impvt Bonds, Ser 2020A, 5.000%, 12-1-31	2,000	<u>2,673</u>	<b>Rhode Island – 0.2%</b>			San Antonio, TX, Water Sys Jr Lien Rev and Rfdg Bonds, Ser 2015B, 5.000%, 5-15-39	1,805	2,102
<b>Ohio – 1.0%</b>			RI Commerce Corp., Grant Anticipation Bonds (RI Dept of Trans), Ser 2020A, 5.000%, 5-15-35	1,250	<u>1,601</u>	San Antonio, TX, Water Sys Jr Lien Rev and Rfdg Bonds, Ser 2019C, 4.000%, 5-15-33	1,550	1,870
Allen Cnty, OH, Hosp Fac Rev Bonds (Bon Secours Mercy Hlth, Inc.), Ser 2020A, 5.000%, 12-1-35	200	256	<b>South Carolina – 0.0%</b>			Trinity River Auth of TX, Rgnl Wastewater Sys Rev Rfdg Bonds, Ser 2020, 5.000%, 8-1-30	1,000	1,342
Hamilton Cnty, OH, Sewer Sys Rfdg Rev Bonds (Metro Sewer Dist of Greater Cincinnati), Ser 2020A, 5.000%, 12-1-29	500	659	SC Jobs-Econ Dev Auth, Hosp Fac Rev Bonds (Bon Secours Mercy Hlth, Inc.), Ser 2020A, 5.000%, 12-1-46	250	<u>311</u>	TX Dept of Hsg and Cmnty Affairs, Multifamily Hsg Rev Bonds (Terraces at Cibolo), Ser 2007, 0.090%, 5-1-40	4,495	4,495
OH Hosp Rev Bonds (Cleveland Clinic Hlth Sys Oblig Group), Ser 2019B, 4.000%, 1-1-42	2,000	2,308	<b>Tennessee – 0.6%</b>			TX Dept of Hsg and Cmnty Affairs, Sngl Fam Mtg Rev Bonds, Ser 2020A, 2.050%, 9-1-30	200	205
Toledo, OH, Waterworks Sys Rev Bonds, Ser 2020, 5.000%, 11-15-31	3,480	<u>4,647</u>	Metro Nashville Arpt Auth, Arpt Impvt Rev Bonds, Ser 2015B, 5.000%, 7-1-40	4,200	<u>4,813</u>	TX Muni Gas Acquisition and Supply Corp. III, Gas Supply Rev Rfdg Bonds, Ser 2021, 5.000%, 12-15-29	1,500	1,912
		<u>7,870</u>	<b>Texas – 11.1%</b>			TX Pub Fin Auth, TX Southn Univ Rev Fin Sys Bonds, Ser 2016 (Insured by BAMAC), 4.000%, 5-1-33	500	543
<b>Oregon – 1.5%</b>			Alamo Cmnty College Dist, Ltd. Tax and Rfdg Bonds, Ser 2017, 5.000%, 8-15-38	6,040	7,458	TX Pub Fin Auth, TX Southn Univ Rev Fin Sys Bonds, Ser 2011, 6.750%, 5-1-26	3,740	3,753
Deschutes Cnty, OR, Hosp Fac Auth, Hosp Rev Bonds (St. Charles Hlth Sys, Inc.), Ser 2020A: 5.000%, 1-1-28	200	250	Austin, TX, Arpt Sys Rev Bonds (Travis, Williamson and Hays Cntys), Ser 2014, 5.000%, 11-15-39	1,000	1,137	TX Tpk Auth, Cent TX Tpk Sys, First Tier Rev Bonds, Ser 2002A (Insured by BHAC): 0.000%, 8-15-26 (B)	19,340	18,528
5.000%, 1-1-29	260	329	Bexar Cnty, TX, Ltd. Tax Rfdg Bonds, Ser 2020B, 1.538%, 6-15-31	700	677	TX Trans Comsn (Cent TX Tpk Sys), Rev Bonds (First Tier Rev Rfdg Bonds), Ser 2015-B, 5.000%, 8-15-37	1,000	1,125
Medford, OR, Hosp Fac Auth, Rev and Rfdg Bonds (Asante Proj), Ser 2020A (Insured by AGM): 5.000%, 8-15-30	500	657	Clifton Higher Edu Fin Corp., Edu Rev Bonds (IDEA Pub Sch), Ser 2011, 5.750%, 8-15-41	500	510	TX Water Dev Board, State Water Implementation Rev Fund for TX Rev Bonds, Ser 2018B, 5.000%, 10-15-38	8,000	<u>10,124</u>
5.000%, 8-15-34	350	453	Clifton Higher Edu Fin Corp., Edu Rev Bonds (Uplift Edu), Ser 2014A, 4.250%, 12-1-34	3,000	3,137			<u>84,041</u>
5.000%, 8-15-35	500	644	Clint Independent Sch Dist, Unlimited Tax Sch Bldg Bonds (El Paso Cnty, TX), Ser 2015, 5.000%, 8-15-39	1,960	2,334			
4.000%, 8-15-39	1,590	1,864	Grand Prkwy Trans Corp., First Tier Toll Rev Rfdg Bonds, Ser 2020C, 4.000%, 10-1-45	1,000	1,163			
Port of Portland, OR, Portland Intl Arpt Rfdg Rev Bonds, Ser Twenty-Three: 5.000%, 7-1-33	5,000	5,805						
5.000%, 7-1-34	1,000	<u>1,159</u>						
		<u>11,161</u>						

[Table of Contents](#)**SCHEDULE OF INVESTMENTS****IVY MUNICIPAL BOND FUND** (in thousands)

MARCH 31, 2021

<b>MUNICIPAL BONDS (Continued)</b>	<b>Principal</b>	<b>Value</b>	<b>MUNICIPAL BONDS (Continued)</b>	<b>Principal</b>	<b>Value</b>	<b>SHORT-TERM SECURITIES</b>	<b>Shares</b>	<b>Value</b>
Utah – 0.2%			Washington (Continued)			Money Market Funds (D) – 4.5%		
UT Cnty, UT, Hosp Rev Bonds (IHC Hlth Ser, Inc.), Ser 2020A, 5.000%, 5–15–43	\$ 200	\$ 253	WA Hlth Care Fac Auth, Rev Bonds (Providence Hlth & Svc), Ser 2014D, 5.000%, 10–1–38	\$ 5,000	\$ 5,683	State Street Institutional U.S. Government Money Market Fund – Premier Class, 0.040%	33,995	\$ 33,995
UT State Charter Sch Fin Auth, Charter Sch Rev Bonds (Syracuse Arts Academy Proj), Ser 2017, 5.000%, 4–15–37	1,000	1,147	WA State Hsng Fin Comsn, Sngl Fam Prog Bonds, Ser 2020-1A:			<b>TOTAL SHORT-TERM SECURITIES – 4.5%</b>		<b>\$ 33,995</b>
		<u>1,400</u>	2.000%, 12–1–26	235	241	(Cost: \$33,995)		
Virginia – 0.3%			2.200%, 6–1–27	150	154	<b>TOTAL INVESTMENT SECURITIES – 99.6%</b>		<b>\$754,080</b>
Fairfax Cnty, VA, Pub Impvt Rfdg Bonds, Ser 2020B, 1.483%, 10–1–31	1,000	922	2.250%, 12–1–27	185	189	(Cost: \$699,686)		
Mosaic Dist Cmnty Dev Auth (Fairfax Cnty, VA), Rev Rfdg Bonds, Ser 2020A, 4.000%, 3–1–27	1,000	1,155			<u>11,552</u>	<b>CASH AND OTHER ASSETS, NET OF LIABILITIES</b>		
		<u>2,077</u>	Wisconsin – 0.8%			– 0.4%		<b>3,014</b>
Washington – 1.5%			Waukesha, WI, GO Rfdg Bonds, Ser 2021C, 5.000%, 10–1–28	250	320	<b>NET ASSETS – 100.0%</b>		<b>\$757,094</b>
Pierce Cnty, WA, Tacoma Sch Dist No. 10, Unlimited Tax GO Bonds, Ser 2020B, 5.000%, 12–1–29	1,400	1,855	WI Hlth and Edu Fac Auth, Rev Bonds (Ascension Sr Credit Group), Ser 2016A, 4.000%, 11–15–33	1,000	1,124			
Port of Seattle, Intermediate Lien Rev Rfdg Bonds, Ser 2015B, 5.000%, 3–1–35	2,000	2,249	WI Hlth and Edu Fac Auth, Rev Bonds (Med College of WI, Inc.), Ser 2016, 5.000%, 12–1–41	4,000	4,750			
Snohomish Cnty, WA, Pub Util Dist No. 1, Elec Sys Rev Bonds, Ser 2015, 5.000%, 12–1–40	1,000	1,181			<u>6,194</u>			
			<b>TOTAL MUNICIPAL BONDS – 93.5%</b>		<b>\$708,298</b>			
			(Cost: \$654,404)					

**Notes to Schedule of Investments**

- (A) Variable rate security. Interest rate disclosed is that which is in effect at March 31, 2021. Description of the reference rate and spread, if applicable, are included in the security description.
- (B) Zero coupon bond.
- (C) Purchased on a when-issued basis with settlement subsequent to March 31, 2021.
- (D) Rate shown is the annualized 7-day yield at March 31, 2021.

The following table is a summary of the valuation of the Fund's investments by the fair value hierarchy levels as of March 31, 2021. See Note 3 to the Financial Statements for further information regarding fair value measurement.

	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>
<b>Assets</b>			
Investments in Securities			
Investment Funds	\$ 11,787	\$ —	\$ —
Municipal Bonds	—	708,298	—
Short-Term Securities	33,995	—	—
<b>Total</b>	<b>\$45,782</b>	<b>\$708,298</b>	<b>\$ —</b>

The following acronyms are used throughout this schedule:

- AGM = Assured Guaranty Municipal  
 BAMAC = Build America Mutual Assurance Co.  
 BHAC = Berkshire Hathaway Assurance Corp.  
 SIFMA = Securities Industry and Financial Markets Association

See Accompanying Notes to Financial Statements.

[Table of Contents](#)**MANAGEMENT DISCUSSION****IVY MUNICIPAL HIGH INCOME FUND**

(UNAUDITED)



Bryan J. Bailey

*Below, Bryan J. Bailey, CFA, discusses positioning, performance and results for the fiscal year ended March 31, 2021. He has managed the Fund since October 2020 and has 32 years of industry experience. Effective May 2021, Gregory A. Gizzi, Stephen J. Czepiel, and Jake van Roden have been added as co-portfolio managers of the Fund.*

**Fiscal Year Performance**

For the 12 months ended March 31, 2021

<b>Ivy Municipal High Income Fund (Class A shares at net asset value)</b>	7.12%
<b>Ivy Municipal High Income Fund (Class A shares including sales charges)</b>	4.55%
<b>Benchmark and Morningstar Category</b>	
<b>Bloomberg Barclays Municipal High Yield Index</b>	15.02%
<i>(reflects the performance of securities generally representing the municipal high yield bond market)</i>	
<b>Morningstar High-Yield Muni Category Average</b>	10.94%
<i>(generally reflects the performance of the universe of funds with similar investment objectives)</i>	

*Please note that Fund returns include applicable fees and expenses while index returns do not include any such fees. The performance discussion below is based on net asset value (NAV).*

**Fund performance**

The Fund underperformed both its Morningstar peer group and its benchmark in the fiscal year. Underperformance is primarily the result of the Fund undertaking a more defensive structure and higher quality credit profile.

**Market volatility**

The fiscal year began in a relatively orderly fashion, coming off the heightened volatility and liquidity-stressed market observed in the first quarter of calendar year 2020. Confidence was restored with the implementation of two Federal Reserve (Fed) programs, specifically the Money Market Liquidity Facility (MMLF) and the Municipal Liquidity Facility (MLF). The \$2.2 trillion stimulus package (CARES Act), which included aid to state and local governments, and other municipal sectors such as hospitals, airports and education, added more support to the market while substantially reducing volatility.

Persistent themes that dominated the entire fiscal year were robust flows into the asset class combined with negative tax-exempt supply, which was negatively impacted by a large increase in taxable supply. Another powerful driver of investment performance during the fiscal year was extreme credit spread compression. As yields on the highest quality bonds approached all-time low levels, which were observed prior to the March COVID-19 market shock, investors moved further out on the credit spectrum, including high yield, in search of higher absolute yields. This reach for yield was occurring while many credit metrics of even historically stable issuers were deteriorating. Creditor protections in many lower quality new issues were also being relaxed substantially. In this yield-seeking environment, investors were showing little concern for bearing the increased credit risk. Distressed situations within the high yield space were occurring with more frequency as we moved through the fiscal year, especially in continuing care retirement communities, project financing, and higher education student housing projects.

The election of President Joe Biden along with the Democrats seizing control of Congress has enabled swift passage of large fiscal stimulus bills that likely would have been impossible with a divided government. The overall credit profile of the municipal bond market was enhanced significantly with the passage of the president's \$1.9 trillion American Rescue Plan in the first quarter of calendar year 2021. The bill included over \$500 billion in aid to states, cities, public transportation, education and airports. While we continue to remain somewhat concerned regarding the relaxed creditor protections that we observe regularly, we think that the overall credit profile of the municipal bond market has been improved dramatically as a result of the legislation.

**Portfolio Positioning**

The Fund began and ended the fiscal period positioned defensively in anticipation of the eventual start of an increasing interest rate cycle and the end of the more than 35-year bull market in bonds. However, given the unprecedented fiscal and monetary responses to the pandemic, we are questioning whether the bull market in bonds may indeed continue well into the future, while acknowledging that rates are now slightly higher than the all-time lows in August 2020. Fund sensitivity to interest rates was held at a meaningfully lower level relative to the benchmark throughout the fiscal year, while the Fund was structured with a much higher quality relative to both its benchmark and peer group. Portfolio turnover remained very low as we felt that the Fund was structured appropriately entering the fiscal year.

Overall performance could have been enhanced by increased exposure to below investment grade and non-rated sectors of the market while lengthening portfolio duration. Heavy underweightings in the best performing below investment grade

[Table of Contents](#)

and non-rated sectors of the market were significant drags on performance. Specifically, the Fund was significantly underweight the following sectors: high yield general obligation (Illinois and Puerto Rico), industrial development revenue/pollution control revenue, airlines, and high yield tobacco.

Credit selection issues within an already underweight non-rated bucket further detracted from Fund performance. Credit selection within the outperforming leasing and transportation sectors also negatively impacted performance. However, the Fund was well positioned to handle the unprecedented spike in volatility and subsequent liquidity pressures that resulted from the COVID-19 market selloff in spring of calendar year 2020. Shareholders were participating on the upside, while downside protection was substantial. The Fund has typically not used leverage to produce outsized returns that historically have been unsustainable, while exposing investors to increased risk to the inevitable downside and a higher level of NAV volatility. The fiscal year was not a period where it paid to be defensive and cautious.

The Fund did not have any derivative positions during the fiscal year.

## Outlook

At this juncture, we believe the municipal bond market is very expensive relative to taxable fixed income alternatives. There is euphoria as a result of the massive stimulus funds provided by the American Rescue Plan. Expected corporate and personal income tax rate increases on the horizon are also adding to the exuberance. This may be mitigated to some degree if there is a repeal of the SALT (State and Local Tax) cap, which we believe has added to additional investor demand for municipal bonds. Reinstating tax-exempt advance refunding ability, which is currently being discussed, would be a positive development.

Large investor flows into a negative supply market is also a tailwind. However, credit spreads are rapidly approaching the all-time lows from February 2020 and are well inside both 5- and 10-year averages. While the market has recently decoupled from the U.S. Treasury market, we do not believe this situation will be sustainable in the long run. We think continued pressure on U.S. Treasury market yields will eventually have to be acknowledged by the municipal bond market, as has been the historical relationship between these markets. A reversal of the persistent negative supply conditions would also pose a potential headwind, while a sustained period of negative returns in the municipal bond space could be a catalyst to reverse the long running investor flows which have supported the market. The Fed allowed the Money Market Liquidity Facility (MMLF) and the Municipal Liquidity Facility (MLF) programs to expire and is no longer in a position to be the lender of last resort in a stressed market.

Reopening of the economy, large fiscal spending, and extremely accommodative monetary policy provide a positive backdrop for strong economic performance. Funding the numerous aid packages that have already been passed as well as President Joe Biden's proposed \$2.25 trillion American Jobs Plan have the potential to put upward pressure on U.S. Treasury yields. It is rare for U.S. Treasury rates to be so low when economic growth expectations are so elevated. We think it is a recipe for potential upward pressure on inflation when adding in numerous supply chain issues. Therefore, we are proceeding with caution regarding duration extension.

Defaults in the municipal bond asset class continue to be rare and tend to be highly concentrated in the high yield space. We remain confident in our belief that investment grade municipal bond default rates will continue to be much lower than any other fixed income alternatives except U.S. Treasuries. We are beginning to see distressed situations in the high yield space with more frequency. This will need to be monitored closely, as there is typically a lag between when an issuer moves from distressed to ultimate default. According to Bank of America research, the historical average has been approximately 20.3 months, but the trend has been getting shorter.

**The Fund's performance noted above is at net asset value (NAV), and does not include the effect of any applicable sales charges. If reflected, the sales charge would reduce the performance noted.**

**The Fund may from time to time utilize futures contracts and similar derivative instruments designed for hedging purposes, and/or to take a directional position on interest rates.**

**Past performance is not a guarantee of future results. As with any mutual fund, the value of the Fund's shares will change, and you could lose money on your investment.**

**Fixed income securities are subject to interest rate risk, so the net asset value of the Fund's shares may fall as interest rates rise. These and other risks are more fully described in the Fund's prospectus.**

**The opinions expressed in this report are those of the Fund's portfolio manager and are current only through the end of the period of the report as stated on the cover. The portfolio manager's views are subject to change at any time based on market and other conditions, and no forecasts can be guaranteed.**

**The index noted is unmanaged, includes reinvested dividends and does not include fees. One cannot invest directly in an index, nor is an index representative of the Ivy Municipal High Income Fund.**

[Table of Contents](#)**PORTFOLIO HIGHLIGHTS****IVY MUNICIPAL HIGH INCOME FUND**

ALL DATA IS AS OF MARCH 31, 2021 (UNAUDITED)

**Asset Allocation**

<b>Bonds</b>	<b>96.0%</b>
Municipal Bonds	96.0%
<b>Cash and Other Assets (Net of Liabilities), and Cash Equivalents+</b>	<b>4.0%</b>

**Quality Weightings**

<b>Investment Grade</b>	<b>56.9%</b>
AAA	1.7%
AA	13.7%
A	24.2%
BBB	17.3%
<b>Non-Investment Grade</b>	<b>39.1%</b>
BB	11.2%
B	3.9%
CCC	1.0%
Non-rated	23.0%
<b>Cash and Other Assets (Net of Liabilities), and Cash Equivalents+</b>	<b>4.0%</b>

*Our preference is to always use ratings obtained from Standard & Poor's, Moody's, and Fitch. It is each Portfolio's general policy to classify such security at the lower rating level if only two ratings are available. If more than two ratings are available and a median exists, the median is used. If more than two ratings exist without a median, the lower of the two middle ratings is used. We do not evaluate these ratings, but simply assign them to the appropriate credit quality category as determined by the rating agency.*

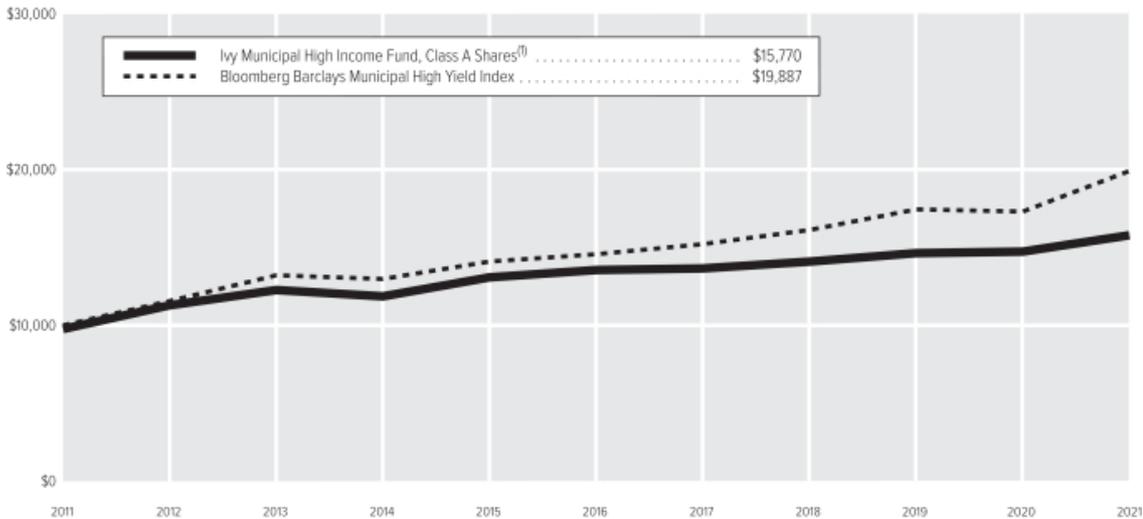
*+Cash equivalents are defined as highly liquid securities with maturities of less than three months. Cash equivalents may include U.S. Government Treasury bills, bank certificates of deposit, bankers' acceptances, corporate commercial paper and other money market instruments.*

[Table of Contents](#)

## COMPARISON OF CHANGE IN VALUE OF \$10,000 INVESTMENT

## IVY MUNICIPAL HIGH INCOME FUND

(UNAUDITED)



Please note that the performance of the Fund's other share classes will be greater or less than the performance shown above for Class A based on the differences in loads and fees paid by shareholders investing in the different classes.

(1) The value of the investment in the Fund is impacted by the sales load at the time of the investment and by the ongoing expenses of the Fund and assumes reinvestment of dividends and distributions.

Average Annual Total Return <sup>(2)</sup>	Class A <sup>(3)</sup>	Class B <sup>(4)</sup>	Class C	Class I	Class N	Class Y
1-year period ended 3-31-21	4.55%	2.33%	6.39%	7.42%	7.43%	7.12%
5-year period ended 3-31-21	2.56%	2.16%	2.37%	3.34%	—	3.10%
10-year period ended 3-31-21	4.66%	4.29%	4.32%	5.14%	—	4.93%
Since Inception of Class through 3-31-21 <sup>(5)</sup>	—	—	—	—	3.90%	—

(2) Data quoted is past performance and is based on deduction of the maximum applicable sales load for each of the periods. Current performance may be lower or higher. Past performance is no guarantee of future results. Investment return and principal value of an investment will fluctuate and shares, when redeemed, may be worth more or less than their original cost. Please visit [www.ivyinvestments.com](http://www.ivyinvestments.com) for the Fund's most recent month end performance. Class A Shares carry a maximum front-end sales load of 2.50%<sup>(a)</sup>. Class B and Class C shares carry a maximum contingent deferred sales charge (CDSC) of 5% and 1%, respectively (the Class C shares reflect no CDSC since it only applies to Class C shares redeemed within twelve months after purchase). Class I, Class N and Class Y shares are not subject to sales charges.

(3) Class A shares carry a CDSC on shares purchased at net asset value for \$1 million or more that are subsequently redeemed within 12 months of purchase. Effective October 1, 2020, Class A shares carry a CDSC on shares purchased at net asset value for \$500,000 or more that are subsequently redeemed within 12 months of purchase.

(4) Class B shares are not currently available for direct investment. However, they are available for dividend reinvestment and exchange of the same class shares of another Ivy Fund.

(5) 7-5-17 for Class N shares (the date on which shares were first acquired by shareholders).

Past performance is not necessarily indicative of future performance. Indexes are unmanaged. The performance graph and table do not reflect the deduction of taxes that a shareholder would pay on Fund distributions or on the redemption of Fund shares. Performance results may include the effect of expense reduction arrangements for some or all of the periods shown. If those arrangements had not been in place, the performance results for those periods would have been lower.

(a) Effective October 1, 2020, the maximum applicable sales charge for Class A shares has been lowered to 2.50% from 4.25%.

[Table of Contents](#)

**SCHEDULE OF INVESTMENTS**

**IVY MUNICIPAL HIGH INCOME FUND** *(in thousands)*

MARCH 31, 2021

MUNICIPAL BONDS	Principal	Value	MUNICIPAL BONDS (Continued)	Principal	Value	MUNICIPAL BONDS (Continued)	Principal	Value
Alabama - 4.2%			Arizona (Continued)			California (Continued)		
AL 21st Century Auth, Tob Stlmt Rev Bonds, Ser 2012-A, 5.000%, 6-1-21	\$ 1,000	\$ 1,007	Phoenix, AZ, Indl Dev Auth, Student Hsng Rfdg Rev Bonds (Downtown Phoenix Student Hsng LLC - AZ State Univ Proj), Ser 2018A, 5.000%, 7-1-42	\$ 1,000	\$ 1,123 30,385	CA Statewide Cmnty Dev Auth, Rfdg Rev Bonds (CA Baptist Univ), Ser 2017A, 5.000%, 11-1-41	\$ 1,000	\$ 1,138
AL Econ Stlmt Auth, BP Stlmt Rev Bonds, Ser 2016A, 4.000%, 9-15-33	9,000	10,067	California - 9.7%			CA Statewide Cmnty Dev Auth, Student Hsng Rfdg Rev Bonds (Univ of CA, Irvine East Campus Apt, CHF-Irvine LLC), Ser 2016, 5.000%, 5-15-40	1,500	1,709
Fairfield, AL, GO Warrants, Ser 2012, 6.000%, 6-1-37 (A)	8,485	6,788	CA Cnty Tob Securitization Agy, Tob Stlmt Asset-Bkd Bonds (Stanislaus Cnty Tob Funding Corp.), Ser 2006, 0.000%, 6-1-55 (C)	6,250	549	Cert of Part, Oro Grande Elem Sch Dist, Ser 2013, 5.125%, 9-15-42	2,760	2,949
Jefferson Cnty, AL, Swr Rev Bonds, Ser 2013-D, 6.500%, 10-1-53	10,470	12,305	CA Muni Fin Auth, Charter Sch Rev Bonds (Palmdale Aerospace Academy Proj), Ser 2016A: 5.000%, 7-1-41	1,750	1,917	CSCDA Cmnty Impvt Auth, Essential Hsng Rev Bonds (Moda at Monrovia Station), Ser 2021A-1, 3.400%, 10-1-46 (D)(F)	7,000	7,018
Lower AL Gas Dist, Gas Proj Rev Bonds, Ser 2016A, 5.000%, 9-1-46	6,000	8,542	5.000%, 7-1-46	1,670	1,817	CSCDA Cmnty Impvt Auth, Essential Hsng Rev Bonds, Ser 2021A, 4.000%, 8-1-56 (D)	700	742
UAB Medicine Fin Auth, Rev Bonds, Ser 2019B, 4.000%, 9-1-48	2,500	2,878	CA Muni Fin Auth, Rev Bonds (Ret Hsng Fndtn Oblig Group), Ser 2017A, 5.000%, 11-15-31	750	922	Foothill/Eastn Trans Corridor Agy, Toll Road Rfdg Rev Bonds, Ser 2013B-1 (Insured by AGM), 3.950%, 1-15-53	2,800	3,114
		41,587	CA Muni Fin Auth, Rev Rfdg Bonds (HumanGood Oblig Group), Ser 2019A: 4.000%, 10-1-44	2,000	2,186	Foothill/Eastn Trans Corridor Agy, Toll Road Rfdg Rev Bonds, Ser 2013B-2 (Insured by AGM), 3.500%, 1-15-53	1,600	1,761
Alaska - 1.0%			5.000%, 10-1-44	2,000	2,316	Golden State Tob Securitization Corp., Enhanced Tob Stlmt Asset-Bkd Bonds, Ser 2017A-1, 5.000%, 6-1-29	1,250	1,516
Northn Tob Securitization Corp., Tob Stlmt Asset-Bkd Bonds, Ser 2006A Sr Cur Int Bonds, 5.000%, 6-1-46	10,000	10,115	CA Muni Fin Auth, Sr Lien Rev Bonds (LINKS APM Proj), Ser 2018A: 4.000%, 12-31-47	6,650	7,397	Golden State Tob Securitization Corp., Tob Stlmt Asset-Bkd Bonds, Ser 2015A, 5.000%, 6-1-35	6,265	7,313
Arizona - 3.1%			5.000%, 12-31-47	1,500	1,764	Golden State Tob Securitization Corp., Tob Stlmt Asset-Bkd Bonds, Ser 2018A-1, 5.000%, 6-1-47	2,000	2,069
AZ Hlth Fac Auth, Rev Bonds (Banner Hlth), Ser 2007B (3-Month U.S. LIBOR*0.67 plus 81 bps), 1.770%, 1-1-37 (B)	10,000	9,967	CA Sch Fin Auth, Charter Sch Rev Bonds (Coastal Academy Proj), Ser 2013A, 5.000%, 10-1-42	1,200	1,240	Los Angeles, CA, Dept of Arpts, Los Angeles Intl Arpt Sub Rev Bonds, Ser 2019F, 3.000%, 5-15-49	3,030	3,117
AZ Indl Dev Auth, Edu Rev and Rfdg Bonds (AZ Agribusiness & Equine Ctr, Inc. Proj), Ser 2017B, 5.000%, 3-1-42	1,500	1,669	CA Sch Fin Auth, Charter Sch Rev Bonds (Rocketship Pub Sch - Oblig Group), Ser 2017G: 5.000%, 6-1-47	675	746	Palamar Hlth, Rfdg Rev Bonds, Ser 2016, 4.000%, 11-1-39	4,375	4,648
City of Phoenix Civic Impvt Corp., Jr Lien Arpt Rev Bonds, Ser 2019B, 3.250%, 7-1-49	1,555	1,610	5.000%, 6-1-53	675	744	Redev Agy of San Buenaventura, Merged San Buenaventura Redev Proj, 2008 Tax Alloc Bonds: 7.750%, 8-1-28	1,000	1,005
Indl Dev Auth of Pima, Edu Rev Bonds (Noah Webster Sch - Pima Proj), Tax-Exempt Ser 2014A, 7.000%, 12-15-43	1,500	1,663	CA Sch Fin Auth, Charter Sch Rev Rfdg Bonds (Aspire Pub Sch - Oblig Group), Ser 2016, 5.000%, 8-1-41	1,500	1,686	8.000%, 8-1-38	1,500	1,508
Indl Dev Auth of Tempe, AZ, Rev Rfdg Bonds (Friendship Vlg of Tempe), Ser 2012A: 6.000%, 12-1-27	2,390	2,440	CA Statewide Cmnty Dev Auth, Rev Bonds (Lancer Plaza Proj), Ser 2013: 5.625%, 11-1-33	1,400	1,512			
6.000%, 12-1-32	1,430	1,455	5.875%, 11-1-43	1,890	2,033			
6.250%, 12-1-42	2,150	2,185	CA Statewide Cmnty Dev Auth, Rev Bonds (Loma Linda Univ Med Ctr), Ser 2016A: 5.000%, 12-1-46	3,000	3,345			
6.250%, 12-1-46	2,500	2,538	5.250%, 12-1-56	2,500	2,801			
Maricopa Cnty Indl Dev Auth, Rev Bonds (Banner Hlth), Ser 2019A, 4.000%, 1-1-44	5,000	5,735						

[Table of Contents](#)

**SCHEDULE OF INVESTMENTS**

**IVY MUNICIPAL HIGH INCOME FUND** *(in thousands)*

MARCH 31, 2021

MUNICIPAL BONDS (Continued)			MUNICIPAL BONDS (Continued)			MUNICIPAL BONDS (Continued)		
	Principal	Value		Principal	Value		Principal	Value
California (Continued)			Connecticut (Continued)			Florida (Continued)		
San Buenaventura Rev Bonds (Cmnty Mem Hlth Sys), Ser 2011:			5.000%, 9-1-53	\$ 1,600	\$ 1,742	Osceola Cnty, Expressway Sys Rev Bonds (Poinciana Prkwy Proj), Ser 2014A, 5.375%, 10-1-47	\$ 2,000	\$ 2,347
8.000%, 12-1-26	\$ 1,400	\$ 1,461						48,150
8.000%, 12-1-31	9,400	9,791	District Of Columbia - 1.4%			Georgia - 1.9%		
7.500%, 12-1-41	4,000	4,149	DC Water and Sewer Auth, Pub Util Sub Lien Rev Bonds, Ser 2019A, 4.000%, 10-1-49	3,000	3,486	Burke Cnty, GA, Dev Auth, Pollutn Ctl Rev Bonds (Oglethorpe Power Corp. Vogtle Proj), Ser 2013A, 1.500%, 1-1-40	700	714
San Diego, CA, Tob Stlmt Rev Funding Corp., Tob Stlmt Bonds, Ser 2018C, 4.000%, 6-1-32	830	907	Metro WA Arpt Auth, Dulles Toll Road Sub Lien Rev and Rfdg Bonds (Dulles Metrorail and Cap Impvt Proj), Ser 2019B, 3.000%, 10-1-50	5,000	5,208	Cobb Cnty, GA, Dev Auth Sr Living Rfdg Rev Bonds (Provident Vlg Creekside Proj), Ser 2016A: 6.000%, 7-1-36 (A)	750	570
San Francisco City and Cnty Arpt Comsn, San Francisco Intl Arpt Second Ser Rev Bonds, Ser 2019A, 4.000%, 5-1-49	1,250	1,403	Metro WA DC Arpt Auth, Arpt Sys Rev and Rfdg Bonds, Ser 2019A, 5.000%, 10-1-49	3,250	3,948	6.000%, 7-1-51 (A)	4,000	2,836
San Mateo Cmnty Fac Dist No. 2008-1 (Bay Meadows), Spl Tax Bonds, Ser 2012, 6.000%, 9-1-42	4,000	4,204	Metro WA DC Arpt Auth, Dulles Toll Road, Second Sr Lien Rev Bonds, Ser 2010B, 6.500%, 10-1-44	1,000	1,316	Hosp Auth of Hall Cnty and the City of Gainesville, Rev Anticipation Certs (NE GA Hlth Sys, Inc. Proj), Ser 2020A, 3.000%, 2-15-47	3,775	3,868
Tob Securitization Auth of Southn CA, Tob Stlmt Asset-Bkd Bonds, Ser 2019B-1, 5.000%, 6-1-48	1,000	1,201				Main Street Natural Gas, Inc., Gas Supply Rev Bonds, Ser 2019A, 4.000%, 5-15-39	5,500	6,141
		95,698	Florida - 4.9%			Savannah Econ Dev Auth, Rfdg Rev Bonds (The Marshes of Skidaway Island Proj), Ser 2013, 7.250%, 1-1-49	4,000	4,738
Colorado - 2.4%			Cap Trust Agy, Edu Fac Rev Bonds (Lutz Preparatory Sch, Inc. Proj), Ser 2021A, 4.000%, 6-1-41	330	353			18,867
AR River Power Auth, CO Power Supply Sys Rev Rfdg Bonds, Ser 2018A, 5.000%, 10-1-43	5,000	5,734	FL Dev Fin Corp., Edu Fac Rev Bonds (Renaissance Charter Sch, Inc. Proj), Ser 2014A, 6.125%, 6-15-44	5,300	5,748	Hawaii - 0.2%		
CO High Performance Trans Enterprise, U.S. 36 and I-25 Managed Lanes Sr Rev Bonds, Ser 2014, 5.750%, 1-1-44	3,250	3,505	FL Dev Fin Corp., Edu Fac Rev Bonds (Renaissance Charter Sch, Inc. Proj), Ser 2015A, 6.000%, 6-15-35	2,000	2,265	Kaua'i Cmnty Fac Dist No. 2008-1 (Kukul'ula Dev Proj), Spl Tax Rev Bonds, Ser 2012, 5.750%, 5-15-42	2,000	2,068
CO Hlth Fac Auth, Rev Bonds (NJH-SJH Ctr for Outpatient Hlth Proj), Ser 2019, 4.000%, 1-1-50	2,500	2,840	FL Dev Fin Corp., Edu Fac Rev Bonds (Renaissance Charter Sch, Inc. Proj), Ser 2020C, 5.000%, 9-15-50	2,000	2,184	Illinois - 6.6%		
CO Hlth Fac Auth, Rev Rfdg Bonds (SCL Hlth Sys), Ser 2019A, 4.000%, 1-1-38	1,000	1,172	FL Dev Fin Corp., Rev Bonds (Sculptor Charter Sch Proj), Ser 2008A, 7.250%, 10-1-38	1,815	1,821	Chicago Midway Arpt, Second Lien Rev Rfdg Bonds, Ser 2013B, 5.000%, 1-1-35	3,000	3,219
Denver, CO, Dept of Aviation, Arpt Sys Sub Rev Bonds, Ser 2018A, 4.000%, 12-1-48	5,000	5,491	Lee Cnty Indl Dev Auth, Hlthcare Fac Rfdg Rev Bonds (Cypress Cove at Health Park FL, Inc. Proj), Ser 2012, 6.500%, 10-1-47	9,835	10,736	Chicago Multi-Fam Hsng, Rev Bonds (Goldblatts Supportive Living Proj), Ser 2013, 6.125%, 12-1-43	8,700	6,477
Pub Auth for CO Enrg, Natural Gas Purchase Rev Bonds, Ser 2008, 6.500%, 11-15-38	3,000	4,610	Martin Cnty Hlth Fac Auth, Hosp Rev Bonds (Cleveland Clinic Hlth Sys Oblig Group), Ser 2019A, 4.000%, 1-1-46	16,500	18,757	Chicago O'Hare Intl Arpt, Gen Arpt Sr Lien Rev Bonds, Ser 2018B (Insured by AGM), 4.000%, 1-1-44	5,000	5,588
		23,352	Miami-Dade Cnty, FL, Aviation Rev Bonds, Ser 2019A, 4.000%, 10-1-44	1,500	1,674	Chicago O'Hare Intl Arpt, Sr Spl Fac Rev Bonds (Trips Oblig Group), Ser 2018, 5.000%, 7-1-48	1,000	1,170
Connecticut - 0.3%			Mid-Bay Bridge Auth, 1st Sr Lien Rev Bonds, Ser 2015A, 5.000%, 10-1-40	2,000	2,265	City of Chicago, Gen Arpt Sr Lien Rev and Rev Rfdg Bonds (Chicago O'Hare Intl Arpt), Ser 2018A (Insured by AGM), 4.375%, 1-1-53	5,000	5,657
CT Hlth and Edu Fac Auth, Hlthcare Fac Expansion Rev Bonds (Church Home of Hartford, Inc. Proj), Ser 2016A: 5.000%, 9-1-46	1,000	1,092						

[Table of Contents](#)

**SCHEDULE OF INVESTMENTS**

**IVY MUNICIPAL HIGH INCOME FUND** *(in thousands)*

MARCH 31, 2021

MUNICIPAL BONDS (Continued)	Principal	Value
Illinois (Continued)		
IL Fin Auth, Multi-Family Hsng Rev Bonds (St. Anthony of Lansing Proj), Ser 2012, 6.500%, 12-1-32	\$ 4,525	\$ 4,533
IL Fin Auth, Rev Bonds (Lutheran Home and Svs Oblig Group), Ser 2012, 5.625%, 5-15-42	5,300	5,619
IL Fin Auth, Rev Bonds (NW Mem Hlthcare), Ser 2017A, 4.000%, 7-15-47	5,000	5,607
IL GO Bonds, Ser 2016, 4.000%, 6-1-32	6,410	6,956
SW IL Dev Auth, Local Govt Prog Rev Bonds (City of Belleville-Carlyle/Green Mount Redev Proj - Tax Increment and Sales Tax), Ser 2011A, 7.000%, 7-1-41	6,000	6,008
Upper IL River Vly Dev Auth, Multi-Fam Hsng Rev Bonds (Deer Park of Huntley Proj), Ser 2012, 6.500%, 12-1-32	4,700	4,724
Vlg of East Dundee, Kane and Cook Cnty, IL, Ltd. Oblig Tax Incr Rev Bonds (Route 25 South Redev Proj), Ser 2012, 5.625%, 12-1-31	1,505	1,510
Vlg of Riverdale, Cook Cnty, IL, Unlimited Tax GO Bonds, Ser 2011, 8.000%, 10-1-36	7,525	<u>7,665</u>
		<u>64,733</u>
Indiana - 1.8%		
IN Fin Auth, Midwestn Disaster Relief Rev Bonds (OH Vly Elec Corp. Proj), Ser 2012A, 5.000%, 6-1-39	5,000	5,145
IN Muni Power Agy, Power Supply Sys Rev Bonds, Ser 2019A, 4.000%, 1-1-39	5,000	5,820
Terre Haute, IN, Rev Bonds (Westminster Vlg Proj), Ser 2012, 6.000%, 8-1-39	4,000	4,077
Whiting, IN, Redev Dist Tax Incr Rev Bonds, Ser 2016, 4.000%, 1-15-32	2,600	<u>2,597</u>
		<u>17,639</u>
Iowa - 0.2%		
IA Fin Auth, Rev and Rfdg Bonds (Childserve Proj), Ser 2015B, 5.000%, 6-1-36	2,425	<u>2,496</u>

MUNICIPAL BONDS (Continued)	Principal	Value
Kansas - 1.3%		
Lawrence, KS (The Bowersock Mills & Power Co. Hydroelec Proj), Indl Rev Bonds (Recovery Zone Fac Bonds), Ser 2010A, 7.625%, 8-1-37	\$ 7,500	\$ 7,585
Lenexa, KS, Hlth Care Fac Rev Bonds (Lakeview Village, Inc.), Ser 2018A:		
4.000%, 5-15-34	1,000	1,035
5.000%, 5-15-39	1,500	1,640
Unif Govt of Wyandotte Cnty, Kansas City, KS, Spl Oblig Rfdg and Impvt Rev Bonds (Wyandotte Plaza Redev Proj), Ser 2016, 5.000%, 12-1-34	3,000	<u>3,058</u>
		<u>13,318</u>
Kentucky - 1.8%		
Kenton Cnty Arpt Board, Cincinnati/Northn KY Intl Arpt Rev Bonds, Ser 2019:		
5.000%, 1-1-44	2,250	2,703
5.000%, 1-1-49	2,250	2,685
KY Muni Power Agy, Power Sys Rev Rfdg Bonds (Prarie State Proj), Ser 2019A, 4.000%, 9-1-45	1,500	1,621
KY Pub Trans Infra Auth, First Tier Toll Rev Bonds, Ser 2013A, 5.750%, 7-1-49	4,000	4,383
Pub Enrg Auth of KY, Gas Supply Rev Bonds, Ser 2018B, 4.000%, 1-1-49	5,000	5,534
Trimble, KY, Pollutn Ctl Rev Rfdg Bonds (Louisville Gas and Elec Co. Proj), Ser 2016A (3-Month U.S. LIBOR), 1.300%, 9-1-44	500	<u>495</u>
		<u>17,421</u>
Louisiana - %		
LA Pub Fac Auth, Solid Waste Disp Fac Rev Bonds (LA Pellets, Inc. Proj - Phase IIA), Ser 2014A, 8.375%, 7-1-39 (A)	13,547	—*
LA Pub Fac Auth, Solid Waste Disp Fac Rev Bonds (LA Pellets, Inc. Proj), Ser 2013B, 10.500%, 7-1-39 (A)	12,202	—*
LA Pub Fac Auth, Solid Waste Disp Fac Rev Bonds (LA Pellets, Inc. Proj), Ser 2015, 7.750%, 7-1-39 (A)	1,977	—*

MUNICIPAL BONDS (Continued)	Principal	Value
Maine - 0.1%		
ME Fin Auth, Solid Waste Disp Rev Bonds (Casella Waste Sys, Inc. Proj), Ser 2015R-2, 4.375%, 8-1-35	\$ 1,000	<u>\$ 1,099</u>
Massachusetts - 0.5%		
Cmnwlth of MA, GO Bonds, Consolidated Loan of 2020, Ser C, 2.750%, 3-1-50	5,000	<u>5,088</u>
Michigan - 3.4%		
Detroit, MI, GO Bonds, Ser 2004-A (1) (Insured by AMBAC), 5.250%, 4-1-23	220	221
MI Fin Auth, Hosp Rev and Rfdg Bonds (Trinity Hlth Credit Group), Ser 2019MI-A, 3.000%, 12-1-49	12,000	12,460
MI Fin Auth, Hosp Rev Bonds (Henry Ford Hlth Sys), Ser 2019A, 4.000%, 11-15-50	2,000	2,244
MI Fin Auth, Pub Sch Academy Ltd. Oblig Rev Bonds (Old Redford Academy Proj), Ser 2010A:		
5.900%, 12-1-30	2,000	2,002
6.500%, 12-1-40	3,000	3,003
MI Fin Auth, Pub Sch Academy Ltd. Oblig Rfdg Bonds (Hanley Intl Academy, Inc. Proj), Ser 2021, 5.000%, 9-1-40	1,115	1,237
MI Pub Edu Fac Auth, Ltd. Oblig Rev Bonds (Old Redford Academy Proj), Ser 2005A, 5.875%, 12-1-30	1,720	1,721
MI Tob Stmmt Fin Auth, Tob Stmmt Asset-Backed Bonds, Ser 2008A, 5.000%, 6-1-40	6,740	8,521
The Econ Dev Corp. of Dearborn, MI, Ltd. Oblig Rev and Rfdg Rev Bonds (Henry Ford Vlg, Inc. Proj), Ser 2008, 7.000%, 11-15-38 (A)	2,400	<u>2,280</u>
		<u>33,689</u>
Missouri - 2.0%		
Branson, MO, Indl Dev Auth, Tax Incr Rfdg Rev Bonds (Branson Shoppes Redev Proj), Ser 2017A, 3.900%, 11-1-29	740	751

[Table of Contents](#)

**SCHEDULE OF INVESTMENTS**

**IVY MUNICIPAL HIGH INCOME FUND** *(in thousands)*

MARCH 31, 2021

MUNICIPAL BONDS (Continued)	Principal	Value	MUNICIPAL BONDS (Continued)	Principal	Value	MUNICIPAL BONDS (Continued)	Principal	Value
Missouri (Continued)			Montana – 0.1%			New Jersey (Continued)		
Broadway-Fairview Trans Dev Dist (Columbia, MO), Trans Sales Tax Rev Bonds, Ser 2006A:			MT Fac Fin Auth, Rev Rfdg Bonds (SCL Hlth Sys), Ser 2019A, 4.000%, 1-1-38	\$ 1,000	\$ 1,172	NJ Tpk Auth, Tpk Rev Bonds, Ser 2019A, 4.000%, 1-1-48	\$ 2,500	\$ 2,820
5.875%, 12-1-31	\$ 675	\$ 438	Nebraska – 1.1%			NJ Trans Trust Fund Auth, Trans Prog Bonds, Ser 2019AA, 4.500%, 6-15-49	5,000	5,673
6.125%, 12-1-36	875	569	Cent Plains Enrg Proj, Gas Proj Rev Bonds (Proj No. 3), Ser 2012:			Tob Stlmt Fin Corp., Tob Stlmt Bonds, Ser 2018B, 5.000%, 6-1-46	6,000	6,975
Grindstone Plaza Trans Dev Dist (Columbia, MO), Trans Sales Tax Rev Bonds, Ser 2006A:			5.250%, 9-1-37	8,000	8,523			<u>20,728</u>
5.250%, 10-1-21	130	129	5.000%, 9-1-42	2,000	2,124			
5.400%, 10-1-26	1,145	1,074			<u>10,647</u>			
5.500%, 10-1-31	1,925	1,693	Nevada – 1.0%			New Mexico – 0.5%		
5.550%, 10-1-36	1,725	1,436	Director of the State of NV, Dept of Business and Industry Charter Sch Lease Rev Bonds (Somerset Academy), Ser 2015A, 5.125%, 12-15-45	2,515	2,657	NM Hosp Equip Loan Council, Hosp Impvt and Rfdg Rev Bonds (Gerald Champion Rgnl Med Ctr Proj), Ser 2012A, 5.500%, 7-1-42	4,750	4,994
Hlth and Edu Fac Auth, Hlth Fac Rev Bonds (Mosaic Hlth Sys), Ser 2019A, 4.000%, 2-15-54	1,695	1,910	NV Dept of Business and Industry, Charter Sch Lease Rev Bonds (Somerset Academy), Ser 2018A, 5.000%, 12-15-48	500	525			
Kirkwood, MO, Indl Dev Auth, Ret Cmnty Rev Bonds (Aberdeen Heights), Ser 2017A, 5.250%, 5-15-50	4,000	4,327	Reno, NV, Cap Impvt Rev Rfdg Bonds, Ser 2019A-1:			New York – 5.8%		
Lakeside 370 Levee Dist (St. Charles Cnty, MO), Levee Dist Impvt Bonds, Ser 2008, 0.000%, 4-1-55 (C)	2,815	493	3.750%, 6-1-39	3,165	3,441	Dormitory Auth, Sch Dist Rev Bond Fin Prog, Ser 2010A (Insured by AGM), 5.000%, 10-1-22	55	55
St. Louis Muni Fin Corp., Compound Int Leasehold Rev Bonds (Convention Ctr Cap Impvt Proj), Ser 2010A (Insured by AGM):			4.000%, 6-1-46	2,000	2,207	Metro Trans Auth, Trans Rev Green Bonds, Ser 2019B, 4.000%, 11-15-50	5,000	5,461
0.000%, 7-15-36 (C)	2,250	1,499	Reno, NV, First Lien Sales Tax Rev Rfdg Bonds (Retrac-Reno Trans Rail Access Corridor Proj), Ser 2018A (Insured by AGM), 5.000%, 6-1-48	1,000	1,120	MTA Hudson Rail Yards Trust Oblig, Ser 2016A, 5.000%, 11-15-56	5,000	5,426
0.000%, 7-15-37 (C)	4,000	2,569			<u>9,950</u>	Nassau Cnty Indl Dev Agy, Continuing Care Ret Cmnty Rev Bonds (Amsterdam at Harborside Proj), Ser 2014A4, 6.700%, 1-1-49	8,750	4,812
Stone Canyon Cmnty Impvt Dist, Independence, MO, Rev Bonds (Pub Infra Impvt Proj), Ser 2007, 5.750%, 4-1-27 (A)	1,250	325	New Hampshire – 0.4%			Nassau Cnty Indl Dev Agy, Continuing Care Ret Cmnty Rev Bonds (Amsterdam at Harborside Proj), Ser 2014A5, 6.700%, 1-1-49	2,843	1,564
Tax Incr Fin Comsn of Kansas City, MO, Tax Incr Rev Bonds (Brywood Ctr Proj), Ser 2010A, 8.000%, 4-1-33 (A)	3,950	1,461	Natl Fin Auth (NH), Res Recovery Rfdg Rev Bonds (Covanta Proj), Ser 2020B, 3.750%, 7-1-45	2,000	2,068	Nassau Cnty Indl Dev Agy, Continuing Care Ret Cmnty Rev Bonds (Amsterdam at Harborside Proj), Ser 2014B, 5.500%, 4-30-21(A)	368	294
The Indl Dev Auth of Grandview, MO, Tax Incr Rev Bonds (Grandview Crossing Proj 1), Ser 2006, 5.750%, 12-1-28 (A)	1,000	170	NH Hlth and Edu Fac Auth, Rev Bonds, Rivermead Issue, Ser 2011A, 6.875%, 7-1-41	2,300	2,337	Nassau Cnty Indl Dev Agy, Continuing Care Ret Cmnty Rev Bonds (Amsterdam at Harborside Proj), Ser 2014C, 2.000%, 1-1-49	11,321	1,132
The Indl Dev Auth of Lee's Summit, MO, Infra Fac Rev Bonds (Kensington Farms Impvt Proj), Ser 2007, 5.750%, 3-1-29 (A)	2,185	1,355			<u>4,405</u>	Nassau Cnty Tob Stlmt Corp., Tob Stlmt Asset-Bkd Bonds, Ser 2006A-3 Sr Current Int Bonds, 5.125%, 6-1-46	10,000	10,149
		<u>20,199</u>	New Jersey – 2.1%			NY Cntys Tob Trust VI, Tob Stlmt Pass-Through Bonds, Ser 2016A, 5.000%, 6-1-51	1,000	1,058
			NJ Econ Dev Auth, Cigarette Tax Rev Rfdg Bonds, Ser 2012:					
			5.000%, 6-15-26	1,000	1,042			
			5.000%, 6-15-28	1,000	1,038			
			5.000%, 6-15-29	500	519			
			NJ Hlth Care Fac Fin Auth, Rev and Rfdg Bonds (Univ Hosp Issue), Ser 2015A, 5.000%, 7-1-46	2,355	2,661			

[Table of Contents](#)

**SCHEDULE OF INVESTMENTS**

**IVY MUNICIPAL HIGH INCOME FUND** *(in thousands)*

MARCH 31, 2021

MUNICIPAL BONDS (Continued)			MUNICIPAL BONDS (Continued)			MUNICIPAL BONDS (Continued)		
	Principal	Value		Principal	Value		Principal	Value
New York (Continued)			Ohio (Continued)			Pennsylvania (Continued)		
NY Environmt Fac Corp., Solid Waste Disp Rev Bonds (Casella Waste Sys, Inc. Proj), Ser 2020, 2.750%, 9-1-50	\$ 1,000	\$ 1,031	Buckeye Tob Stlmt Fin Auth, Tob Stlmt Asset-Bkd Rfdg Bonds, Ser 2020B-2, 5.000%, 6-1-55	\$ 10,000	\$ 11,274	Delaware Cnty Indl Dev Auth, Charter Sch Rev Bonds (Chester Cmnty Charter Sch Proj), Ser 2010A, 6.125%, 8-15-40	\$ 14,290	\$ 14,298
NY Trans Dev Corp., Spl Fac Rev Bonds (Delta Air Lines, Inc. - LaGuardia Arpt Terminals C&D Redev Proj), Ser 2018, 4.000%, 1-1-36	1,000	1,099	Cleveland-Cuyahoga Cnty Port Auth, Dev Rev Bonds (Flats East Dev Proj), Ser 2010B, 7.000%, 5-15-40	2,335	2,340	PA Tpk Comsn, Tpk Sub Rev Bonds, Ser 2009E, 6.375%, 12-1-38	13,500	17,770
NYC Indl Dev Agy, Pilot Rev Rfdg Bonds (Yankee Stadium Proj), Ser 2020A, 3.000%, 3-1-49	1,000	1,010	Cnty of Muskingum, OH, Hosp Fac Rev Bonds (Genesis Hlth Care Sys Oblig Group Proj), Ser 2013, 5.000%, 2-15-48	5,000	5,185	Philadelphia Auth for Indl Dev, Charter Sch Rev Bonds (MaST Cmnty Charter Sch II Proj), Ser 2020, 5.000%, 8-1-50	375	433
NYC Muni Water Fin Auth, Water and Sewer Sys Second Gen Resolution Rev Bonds, Fiscal 2020 Ser DD-1, 3.000%, 6-15-50	5,500	5,720	OH Hosp Rev Bonds (Univ Hosp Hlth Sys, Inc.), Ser 2020A, 3.000%, 1-15-45	4,250	4,360	Philadelphia Auth Indl Dev, Rev Bonds (Mariana Bracetti Academy Charter Sch Proj), Ser 2011, 7.150%, 12-15-36	6,000	6,291
NYC Muni Water Fin Auth, Water and Sewer Sys Second Gen Resolution Rev Bonds, Fiscal 2021 Ser AA-1, 3.000%, 6-15-50	10,000	10,418	Summit Cnty Port Auth, OH (Cleveland - Flats East Dev Proj), Ser 2010B, 6.875%, 5-15-40	1,120	<u>1,123</u>	7.625%, 12-15-41	6,925	7,283
The Orange Co. Funding Corp. (NY), Assisted Living Residence Rev Bonds (The Hamlet at Walkkill Assisted Living Proj), Ser 2012, 6.500%, 1-1-46	4,900	4,929			<u>27,323</u>	Philadelphia Auth Indl Dev, Rev Bonds (New Foundations Charter Sch Proj), Ser 2012, 6.625%, 12-15-41	3,500	3,878
Westchester Tob Asset Securitization Corp., Tob Stlmt Bonds, Ser 2016B, 5.000%, 6-1-41	2,500	<u>2,955</u>	Oklahoma - 0.4%		<u>3,636</u>	Wilkes-Barre Area Sch Dist, Luzerne Cnty, PA, GO Bonds, Ser 2019, 4.000%, 4-15-54	2,500	<u>2,806</u>
		<u>57,113</u>	OK Dev Fin Auth, Hlth Sys Rev Bonds (OU Medicine Proj), Ser 2018B, 5.500%, 8-15-57	3,000				<u>55,804</u>
North Carolina - 1.4%			Oregon - 3.4%			Rhode Island - 0.6%		
NC Med Care Comsn, Hlth Care Fac Rev Bonds (Novant Hlth Oblig Group), Ser 2019A, 3.125%, 11-1-49	8,500	8,893	Hosp Fac Auth of Salem, OR, Rev Rfdg Bonds (Cap Manor, Inc.), Ser 2012, 6.000%, 5-15-42	1,900	1,968	Tob Stlmt Fin Corp., Tob Stlmt Asset-Bkd Bonds, Ser 2015B, 5.000%, 6-1-50	5,000	<u>5,533</u>
NC Tpk Auth, Monroe Expressway Toll Rev Bonds, Ser 2016C, 0.000%, 7-1-41 (C)	4,160	1,716	Port of Portland, OR, Portland Intl Arpt Passenger Fac Charge Rev Bonds, Ser 2011A, 5.500%, 7-1-30	5,000	5,061	South Carolina - 0.2%		
NC Tpk Auth, Triangle Expressway Sys Sr Lien Rev Bonds, Ser 2019, 3.000%, 1-1-42	2,000	2,099	Port of Portland, OR, Portland Intl Arpt Rev Bonds, Ser Twenty-Five B, 5.000%, 7-1-49	3,000	3,586	Piedmont Muni Pwr Agy, SC, Elec Rev Rfdg Bonds, Ser 2008C, 5.750%, 1-1-34	1,550	<u>1,568</u>
4.000%, 1-1-55	1,000	<u>1,126</u>	Port of Portland, OR, Portland Intl Arpt Rev Bonds, Ser Twenty-Seven A, 4.000%, 7-1-50	18,460	20,632	Tennessee - 0.6%		
		<u>13,834</u>	Salem, OR, Hosp Fac Auth, Rev Bonds (Capital Manor Proj), Ser 2018, 5.000%, 5-15-53	1,895	<u>2,097</u>	Metro Nashville Arpt Auth, Arpt Impvt Rev Bonds, Ser 2015A, 5.000%, 7-1-40	3,000	3,457
Ohio - 2.8%					<u>33,344</u>	Metro Nashville Arpt Auth, Sub Arpt Rev Bonds, Ser 2019A, 4.000%, 7-1-54	1,875	<u>2,124</u>
Buckeye Tob Stlmt Fin Auth, Tob Stlmt Asset-Bkd Rfdg Bonds, Ser 2020A-2, 3.000%, 6-1-48	3,000	3,041	Pennsylvania - 5.7%					<u>5,581</u>
			Cumberland Cnty Muni Auth, Rfdg Rev Bonds (Asbury PA Oblig Group), Ser 2012, 5.250%, 1-1-41	3,000	3,045	Texas - 15.3%		
						Arlington Higher Edu Fin Corp., Edu Rev Bonds (Kipp Texas, Inc.), Ser 2019, 3.000%, 8-15-49	4,000	4,200
						Arlington Independent Sch Dist, Unlimited Tax Sch Bldg and Rfdg Bonds (Tarrant Cnty, TX), Ser 2020, 4.000%, 2-15-45	2,000	2,350

[Table of Contents](#)

**SCHEDULE OF INVESTMENTS**

**IVY MUNICIPAL HIGH INCOME FUND** *(in thousands)*

MARCH 31, 2021

MUNICIPAL BONDS (Continued)	Principal	Value
Texas (Continued)		
Arlington, TX, Higher Edu Fin Corp., Edu Rev Bonds (Newman Intl Academy), Ser 2021A: 4.000%, 8-15-31	\$ 200	\$ 209
5.000%, 8-15-41	600	644
Arlington, TX, Higher Edu Fin Corp., Rev Bonds (Newman Intl Academy), Ser 2016A, 5.375%, 8-15-36	4,585	4,997
Austin, TX, Arpt Sys Rev Rfdg Bonds, Ser 2019: 5.000%, 11-15-24	1,650	1,906
5.000%, 11-15-25	1,500	1,783
Bexar Cnty Hlth Fac Dev Corp., Rev Rfdg Bonds (Army Ret Residence Fndtn Proj), Ser 2016, 5.000%, 7-15-41	5,395	5,715
Cent TX Rgnl Mobility Auth, Sr Lien Rev Bonds, Ser 2010: 0.000%, 1-1-36 (C)	2,500	1,704
0.000%, 1-1-40 (C)	2,000	1,184
Cent TX Rgnl Mobility Auth, Sr Lien Rev Bonds, Ser 2015A, 5.000%, 1-1-45	4,000	4,505
Cent TX Rgnl Mobility Auth, Sr Lien Rev Rfdg Bonds, Ser 2016, 5.000%, 1-1-46	2,000	2,274
Cent TX Rgnl Mobility Auth, Sub Lien Rev Rfdg Bonds, Ser 2013: 5.000%, 1-1-33	6,000	6,507
5.000%, 1-1-42	3,000	3,254
Dallas/Fort Worth Intl Arpt, Joint Rev Impvt Bonds, Ser 2013B, 5.000%, 11-1-44	5,000	5,342
Grand Prkwy Trans Corp., First Tier Toll Rev Rfdg Bonds, Ser 2020C, 3.000%, 10-1-50	4,500	4,712
Hopkins Cnty Hosp Dist, Hosp Rev Bonds, Ser 2008: 6.000%, 2-15-33	2,000	2,005
6.000%, 2-15-38	1,850	1,855
Houston, TX, Arpt Sys, Sub Lien Rev Rfdg Bonds, Ser 2011B: 5.000%, 7-1-25	1,000	1,012
5.000%, 7-1-26	2,680	2,711
Houston, TX, Arpt Sys, Sub Lien Rev Rfdg Bonds, Ser 2020A, 4.000%, 7-1-47	3,000	3,359
Houston, TX, Combined Util Sys, First Lien Rev Rfdg Bonds, Ser 2019B, 4.000%, 11-15-44	3,000	3,516
Montgomery, TX, Cnty Toll Road Auth, Sr Lien Toll Road Rev Bonds, Ser 2018, 5.000%, 9-15-48	1,000	1,109

MUNICIPAL BONDS (Continued)	Principal	Value
Texas (Continued)		
New Hope Cultural Edu Fac Fin Corp., Edu Rev Bonds (Jubilee Academic Ctr), Ser 2016A, 5.000%, 8-15-46	\$ 8,000	\$8,041
North TX Twy Auth, Spl Proj Sys Rev Bonds Convertible Cap Apprec Bonds, Ser 2011C, 0.000%, 9-1-43 (C)	5,000	6,816
North TX Twy Auth, Sys First Tier Rev Rfdg Bonds, Ser 2016A, 5.000%, 1-1-39	2,000	2,318
San Antonio, TX, Water Sys Jr Lien Rev and Rfdg Bonds, Ser 2019C, 4.000%, 5-15-34	1,500	1,803
San Antonio, TX, Water Sys Jr Lien Rev and Rfdg Bonds, Ser 2020A: 4.000%, 5-15-38	6,720	8,094
4.000%, 5-15-40	6,000	7,171
Sanger, TX, Incl Dev Corp., Incl Dev Rev Bonds (TX Pellets Proj), Ser 2012B, 8.000%, 7-1-38 (A)	17,870	4,468
Tarrant Cnty Cultural Edu Fac Fin Corp., Ret Fac Rev Bonds (Air Force Vig Oblig Group Proj), Ser 2016, 5.000%, 5-15-45	8,650	9,221
Tarrant Cnty Cultural Edu Fac Fin Corp., Ret Fac Rev Bonds (Buckner Sr Living - Ventana Proj), Ser 2017A: 6.750%, 11-15-47	1,000	1,104
6.750%, 11-15-52	2,500	2,754
TX Muni Gas Acquisition and Supply Corp. III, Gas Supply Rev Rfdg Bonds, Ser 2021, 5.000%, 12-15-32	1,165	1,542
TX Private Activity Bond Surface Trans Corp., Sr Lien Rev Bonds (NTE Mobility Partn Segments 3 LLC Segment 3C Proj), Ser 2019, 5.000%, 6-30-58	5,000	5,976
TX Private Activity Bond Surface Trans Corp., Sr Lien Rev Rfdg Bonds (LBJ Infra Group LLC I-635 Managed Lanes Proj), Ser 2020A, 4.000%, 6-30-40	1,000	1,140

MUNICIPAL BONDS (Continued)	Principal	Value
Texas (Continued)		
TX Private Activity Bond Surface Trans Corp., Sr Lien Rev Rfdg Bonds (NTE Mobility Partn LLC North Tarrant Express Managed Lanes Proj), Ser 2019A: 4.000%, 12-31-38	\$ 2,000	\$ 2,290
4.000%, 12-31-39	2,000	2,285
TX Trans Comsn (Cent TX Tpk Sys), First Tier Rev Rfdg Bonds, Ser 2012-A, 5.000%, 8-15-41	10,445	11,141
TX Trans Comsn (Cent TX Tpk Sys), First Tier Rev Rfdg Bonds, Ser 2020-A, 3.000%, 8-15-40	1,000	1,054
TX Trans Comsn, State Hwy 249 Sys First Tier Toll Rev Bonds, Ser 2019A, 5.000%, 8-1-57	1,000	1,151
Wise Cnty, TX, Lease Rev Bonds (Parker Cnty Jr College Dist Proj), Ser 2011, 8.000%, 8-15-34	5,000	<u>5,074</u>
		<u>150,296</u>
Vermont - 0.1%		
Vermont Econ Dev Auth, Solid Waste Disp Rev Bonds (Casella Waste Sys, Inc. Proj), Ser 2013, 4.625%, 4-1-36	1,000	1,137
Virginia - 4.3%		
Econ Dev Auth of James City Cnty, VA, Residential Care Fac Rev Bonds (VA Utd Methodist Homes of Williamsburg, Inc.), Ser 2013A, 2.000%, 10-1-48	2,248	197
Marquis Cmnty Dev Auth (VA), Rev Bonds, Ser 2007B, 5.625%, 9-1-41	2,779	1,344
Marquis Cmnty Dev Auth (VA), Rev Bonds, Ser 2007C, 0.000%, 9-1-41 (C)	821	45
Marquis Cmnty Dev Auth (York Country, VA), Convertible Cap Apprec Rev Bonds, Ser 2015, 0.000%, 9-1-45 (C)	859	412
The Rector and Visitors of the Univ of VA, Gen Rev Pledge Rfdg Bonds, Ser 2015A-2, 3.570%, 4-1-45	10,000	10,849
VA Small Business Fin Auth, Sr Lien Rev Bonds (95 Express Lanes LLC Proj), Ser 2012, 5.000%, 7-1-34	4,590	4,730

[Table of Contents](#)**SCHEDULE OF INVESTMENTS****IVY MUNICIPAL HIGH INCOME FUND** (in thousands)

MARCH 31, 2021

<b>MUNICIPAL BONDS</b> (Continued)			<b>MUNICIPAL BONDS</b> (Continued)			<b>SHORT-TERM SECURITIES</b>		
	Principal	Value		Principal	Value	Shares	Value	
Virginia (Continued)			Wisconsin – 2.4%					
VA Small Business Fin Auth, Sr Lien Rev Bonds (Elizabeth River Crossing Opco LLC Proj), Ser 2012, 6.000%, 1–1–37	\$ 8,265	\$ 8,743	Pub Fin Auth Sr Arpt Fac Rev and Rfdg Bonds (Trips Obligated Group), Ser 2012B, 5.000%, 7–1–42	\$ 5,500	\$ 5,718	Money Market Funds (E) – 3.4%		
5.500%, 1–1–42	11,000	11,504	Pub Fin Auth, Higher Edu Fac Rev Bonds (Wittenberg Univ Proj), Ser 2016, 5.250%, 12–1–39	5,000	5,245	State Street Institutional U.S. Government Money Market Fund – Premier Class, 0.040%	33,298	\$ 33,298
VA Small Business Fin Auth, Tax-Exempt Sr Lien Private Activity Rev Bonds (Transform 66 P3 Proj), Ser 2017, 5.000%, 12–31–56	4,000	4,631	WI Hlth and Edu Fac Auth, Rev Bonds (Children's Hosp of WI, Inc.), Ser 2020, 3.000%, 8–15–52	3,000	3,124	<b>TOTAL SHORT-TERM SECURITIES</b> – 3.4%		\$ 33,298
		42,455	WI Pub Fin Auth, Edu Rev Bonds (Cornerstone Charter Academy Proj), Ser 2016A, 5.125%, 2–1–46	3,000	3,176	(Cost: \$33,298)		
Washington – 0.5%			WI Pub Fin Auth, Edu Rev Bonds (Triad Edu Svc), Ser 2015A, 5.500%, 6–15–45	6,000	6,425	<b>TOTAL INVESTMENT SECURITIES</b> – 99.4%		\$ 979,416
WA State Hsng Fin Comsn (Rockwood Ret Cmnty Proj), Nonprofit Hsng Rev and Rfdg Rev Bonds, Ser 2014A, 7.500%, 1–1–49	5,000	5,349			23,688	(Cost: \$972,504)		
West Virginia – 0.5%			<b>TOTAL MUNICIPAL BONDS – 96.0%</b>		\$ 946,118	<b>CASH AND OTHER ASSETS, NET OF</b>		
Brooke Cnty, WV, Rev Bonds (Bethany College), Ser 2011A, 6.750%, 10–1–37	5,000	4,865	(Cost: \$939,206)			<b>LIABILITIES – 0.6%</b>		5,660
						<b>NET ASSETS – 100.0%</b>		\$ 985,076

**Notes to Schedule of Investments**

\*Not shown due to rounding.

- (A) Non-income producing as the issuer has either missed its most recent interest payment or declared bankruptcy.
- (B) Variable rate security. Interest rate disclosed is that which is in effect at March 31, 2021. Description of the reference rate and spread, if applicable, are included in the security description.
- (C) Zero coupon bond.
- (D) Securities were purchased pursuant to an exemption from registration available under Rule 144A under the Securities Act of 1933 and may only be resold in transactions exempt from registration, normally to qualified institutional buyers. At March 31, 2021 the total value of these securities amounted to \$7,760 or 0.8% of net assets.
- (E) Rate shown is the annualized 7-day yield at March 31, 2021.
- (F) Purchased on a when-issued basis with settlement subsequent to March 31, 2021.

The following table is a summary of the valuation of the Fund's investments by the fair value hierarchy levels as of March 31, 2021. See Note 3 to the Financial Statements for further information regarding fair value measurement.

	Level 1	Level 2	Level 3
<b>Assets</b>			
Investments in Securities			
Municipal Bonds	\$ —	\$ 946,118	\$ —
Short-Term Securities	33,298	—	—
Total	\$ 33,298	\$ 946,118	\$ —

The following acronyms are used throughout this schedule:

AMBAC = American Municipal Bond Assurance Corp.  
 AGM = Assured Guaranty Municipal  
 LIBOR = London Interbank Offered Rate

See Accompanying Notes to Financial Statements.

[Table of Contents](#)**MANAGEMENT DISCUSSION****IVY PZENA INTERNATIONAL VALUE FUND**

(UNAUDITED)



John P. Goetz

*Ivy Pzena International Value Fund is sub-advised by Pzena Investment Management, LLC.*

*Below, John P. Goetz, Caroline Cai, CFA, and Allison J. Fisch, portfolio managers of the Ivy Pzena International Value Fund, discuss positioning, performance and results for the fiscal year ended March 31, 2021. Mr. Goetz, Ms. Cai and Ms. Fisch have managed the Fund since July 2018 and have 41, 22 and 21 years of industry experience, respectively.*

**Fiscal Year Performance**

For the 12 Months Ended March 31, 2021

<b>Ivy Pzena International Value Fund (Class A shares at net asset value)</b>	69.18%
<b>Ivy Pzena International Value Fund (Class A shares with sales charges)</b>	63.29%

Benchmark and Morningstar Category

<b>MSCI EAFE Value Index</b>	45.71%
------------------------------	--------

(generally reflects the performance of value securities in Europe, Australasia and the Far East)

<b>MSCI EAFE Index</b>	44.57%
------------------------	--------

(generally reflects the performance of securities in Europe, Australasia and the Far East)

<b>Morningstar Foreign Large Value Category Average</b>	49.44%
---	--------

(generally reflects the performance of the universe of funds with similar investment objectives)

*Please note that Fund returns include applicable fees and expenses, while index returns do not include any such fees. The performance discussion below is at net asset value (NAV).*



Caroline Cai

**A year in review**

Mega-cap growth and momentum stocks dominated throughout most of the 2020 global market rebound as investors opted for perceived earnings reliability amid the economic uncertainty. Value stocks, after selling off dramatically in the first quarter of 2020 on concerns of a protracted global economic recession, staged a powerful recovery in the autumn after three leading COVID-19 vaccine candidates proved highly effective in late-stage trials. This provided investors with a clearer line of



Allison J. Fisch

sight to a return to normalcy. The prospect of full-scale vaccinations and subsequent lifting of restrictions led the market to favor under-owned value stocks over their growth counterparts in the fourth quarter of 2020. Value continued to outperform during the first quarter of 2021 on expectations of a sustained economic recovery, due in large part to both fiscal and monetary support from governments and central banks around the world.

**Fund update**

The pronounced shift in investor preference to cyclical stocks helped drive the Fund's strong return for the fiscal period. The Fund outperformed its benchmark index as well as its Morningstar peer group for the period. Industrials, financials, and materials were the main contributing sectors, with no sector detracting from either absolute or relative performance.

The Fund's top individual performer was Danish container shipping giant A.P. Moller - Maersk A/S, which rose on the back of higher shipping rates stemming from the resumption of global trade as well as from company-specific operational improvements. France-based Rexel S.A. (global electronics distributor) rebounded sharply from its March 2020 low as the world's major economies started to reopen. Although the past year was particularly challenging from an operational standpoint, Rexel was able to generate strong cash flow by diligently managing working capital, enabling a material reduction in leverage. German diversified chemical company Covestro AG was also higher during the year. Chemical producers in general benefited from widening spreads due to persistent supply disruptions combined with steadily increasing demand. While supply issues are expected to abate over time, the industry expects global demand growth of 4-5% in 2021, which should keep producers' assets running tight, supporting pricing.

Ambev S.A. (Brazilian brewer) detracted marginally from performance, but the stock's decline was largely a function of a deteriorating Brazilian macro environment as COVID-19 cases and hospitalizations remained elevated, impeding the country's economic recovery and hammering its currency. We expect Ambev to continue exercising its pricing power going forward, which may offset cost headwinds and support gross margins.

We added several companies to the portfolio throughout the year as the extreme volatility and resulting market dislocations presented numerous opportunities to buy perceived quality businesses at heavily discounted prices. One such company, Komatsu Ltd., is the world's second largest heavy equipment company behind Caterpillar. Komatsu's earnings came under pressure from mining-related spending cuts as construction activities were severely restricted during global lockdowns. We

[Table of Contents](#)

viewed the Japanese company as a well-run, defensible and a solidly capitalized franchise. As a result, we initiated a position in the Spring of 2020 with the expectation of a material earnings improvement once end-markets started to recover. We also bought ArcelorMittal, the world's largest steel producer with a diversified global footprint and much-improved balance sheet at a perceived extremely compelling valuation. Ambev, which is a relatively new position, is one of the largest brewers in Latin America with more than 60% market share in Brazil. The stock underperformed in recent years due to a persistently weak Brazilian economy, which negatively impacted beer volumes as well as from higher raw material costs, which pressured margins. Ambev's management has done a good job navigating a challenging environment while strengthening its core brands in the process. As economic conditions improve in Brazil, we believe Ambev's earnings will normalize with higher volumes and stronger margins. The most recent addition to the portfolio is Nokia Oyj — a global manufacturer of wireless telecom networking equipment. Over the past two years, Nokia has fallen behind Huawei and Ericsson in 5G, shedding market share in the process. In response to the poor results and declining stock price, the company eliminated its dividend and replaced its Chairman and CEO. Going forward, Nokia will look to close the gap in 5G and retain (or eventually gain) wireless market share, as its other businesses are performing broadly in-line. We believe Nokia's new management team is taking the right steps to improve its 5G offering, which, coupled with customer concerns of using Chinese 5G equipment, provide a good opportunity for Nokia to catch up. Furthermore, Nokia enters this challenging period with a net cash balance sheet and expects to remain free cash flow positive. Lastly, Nokia has several non-core assets to potentially divest that could generate additional shareholder value.

### Market outlook

We believe the portfolio is positioned for a recovery from the COVID-19 recession, with many value companies offering significant earnings growth potential off 2020's low base, in part reflecting the aggressive restructuring initiatives that were taken by management teams to navigate the economic shutdowns. As such, the portfolio is most exposed to the cyclical financials and industrials sectors, and on a geographical basis, to developed nations that should benefit from relatively quicker vaccine rollouts. In the coming year, we expect market breadth to widen, as investors shift away from mega-cap growth names that benefitted from the work-from-home environment, to beaten-up and forgotten cyclical stocks that typically outperform when economic conditions normalize. In the same vein, our research indicates that on average, value significantly outperforms the broad market during, and in the years following recessions, as economies recover. With that, we anticipate value, which is highly levered to economic expansion, to continue to outpace growth as we emerge from the downturn.

We remain committed to discovering new opportunities where we see potential for significant valuation upside over the long term as we view the current valuation gap between growth and value stocks (which is still extremely wide by historical standards) as irrational and exploitable. We are confident in the positioning of the current portfolio given the robustness of the companies' underlying franchises and balance sheets.

**Performance shown at NAV does not include the effect of sales charges. If reflected, the performance shown would have been lower. Performance including sales charges reflects the maximum applicable front-end sales load and thus the lowest possible performance after sales charges. Your sales charges could be lower.**

**Past performance is not a guarantee of future results. The value of the Fund's shares will change, and you could lose money on your investment.**

**Effective April 30, 2020, the Fund changed its benchmark from MSCI EAFE Index to the MSCI EAFE Value Index.**

**International investing involves additional risks including currency fluctuations, political or economic conditions affecting the foreign country, and differences in accounting standards and foreign regulations. These risks are magnified in emerging markets. The value of a security believed by the Fund's manager to be undervalued may never reach what the manager believes to be its full value, or such security's value may decrease. These and other risks are more fully described in the Fund's prospectus**

**The opinions expressed in this report are those of the Fund's portfolio managers and are current only through the end of the period of the report as stated on the cover. The portfolio managers' views are subject to change at any time based on market and other conditions, and no forecasts can be guaranteed.**

**The index noted is unmanaged, includes reinvested dividends and does not include fees. One cannot invest directly in an index, nor is an index representative of the Ivy Pzena International Value Fund.**

[Table of Contents](#)**PORTFOLIO HIGHLIGHTS****IVY PZENA INTERNATIONAL VALUE FUND**

ALL DATA IS AS OF MARCH 31, 2021 (UNAUDITED)

**Asset Allocation**

<b>Stocks</b>	<b>98.8%</b>
Financials	22.4%
Industrials	16.9%
Consumer Discretionary	16.5%
Materials	13.6%
Energy	7.4%
Consumer Staples	7.3%
Health Care	5.0%
Information Technology	4.9%
Communication Services	3.4%
Utilities	1.4%
<b>Liabilities (Net of Cash and Other Assets), and Cash Equivalents+</b>	<b>1.2%</b>

**Country Weightings**

<b>Europe</b>	<b>67.9%</b>
United Kingdom	20.2%
France	14.5%
Germany	10.1%
Switzerland	7.4%
Netherlands	4.6%
Other Europe	11.1%
<b>Pacific Basin</b>	<b>29.2%</b>
Japan	18.9%
South Korea	3.8%
Other Pacific Basin	6.5%
<b>South America</b>	<b>1.7%</b>
<b>Liabilities (Net of Cash and Other Assets), and Cash Equivalents+</b>	<b>1.2%</b>

**Top 10 Equity Holdings**

Company	Country	Sector	Industry
Rexel S.A.	France	Industrials	Trading Companies & Distributors
Volkswagen AG, 2.260%	Germany	Consumer Discretionary	Automobile Manufacturers
POSCO	South Korea	Materials	Steel
BASF Aktiengesellschaft	Germany	Materials	Diversified Chemicals
Panasonic Corp.	Japan	Consumer Discretionary	Consumer Electronics
Compagnie Generale des Etablissements Michelin, Class B	France	Consumer Discretionary	Tires & Rubber
J Sainsbury plc	United Kingdom	Consumer Staples	Food Retail
Travis Perkins plc	United Kingdom	Industrials	Trading Companies & Distributors
Honda Motor Co. Ltd.	Japan	Consumer Discretionary	Automobile Manufacturers
ArcelorMittal	Luxembourg	Materials	Steel

See your advisor or [www.ivyinvestments.com](http://www.ivyinvestments.com) for more information on the Fund's most recently published Top 10 Equity Holdings.

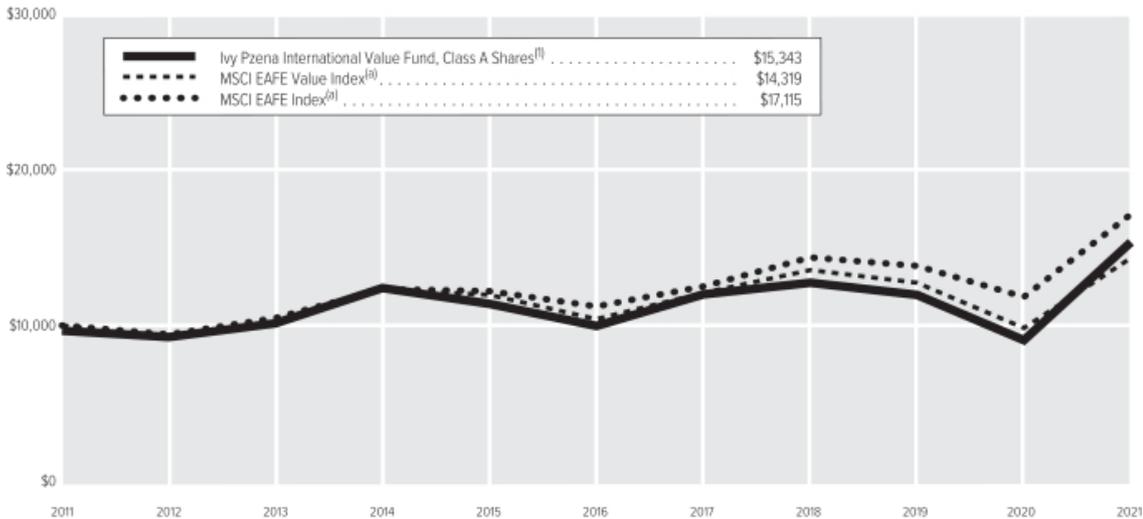
+Cash equivalents are defined as highly liquid securities with maturities of less than three months. Cash equivalents may include U.S. Government Treasury bills, bank certificates of deposit, bankers' acceptances, corporate commercial paper and other money market instruments.

[Table of Contents](#)

## COMPARISON OF CHANGE IN VALUE OF \$10,000 INVESTMENT

## IVY PZENA INTERNATIONAL VALUE FUND

(UNAUDITED)



Please note that the performance of the Fund's other share classes will be greater or less than the performance shown above for Class A based on the differences in loads and fees paid by shareholders investing in the different classes.

(1) The value of the investment in the Fund is impacted by the sales load at the time of the investment and by the ongoing expenses of the Fund and assumes reinvestment of dividends and distributions.

Average Annual Total Return <sup>(2)</sup>	Class A <sup>(3)</sup>	Class B <sup>(4)</sup>	Class C	Class I	Class N	Class R	Class Y
1-year period ended 3-31-21	63.29%	61.09%	67.92%	69.97%	70.31%	68.98%	69.55%
5-year period ended 3-31-21	8.22%	6.93%	8.31%	9.49%	9.67%	8.86%	9.21%
10-year period ended 3-31-21	4.37%	3.73%	4.26%	5.26%	—	—	5.03%
Since Inception of Class through 3-31-21 <sup>(5)</sup>	—	—	—	—	3.71%	5.99%	—

(2) Data quoted is past performance and is based on deduction of the maximum applicable sales load for each of the periods. Current performance may be lower or higher. Past performance is no guarantee of future results. Investment return and principal value of an investment will fluctuate and shares, when redeemed, may be worth more or less than their original cost. Please visit [www.ivyinvestments.com](http://www.ivyinvestments.com) for the Fund's most recent month end performance. Class A Shares carry a maximum front-end sales load of 3.50%<sup>(b)</sup>. Class B and Class C shares carry a maximum contingent deferred sales charge (CDSC) of 5% and 1%, respectively (the Class C shares reflect no CDSC since it only applies to Class C shares redeemed within twelve months after purchase). Class I, Class N, Class R and Class Y shares are not subject to sales charges.

(3) Class A shares carry a CDSC on shares purchased at net asset value for \$1 million or more that are subsequently redeemed within 12 months of purchase. Effective October 1, 2020, Class A shares carry a CDSC on shares purchased at net asset value for \$500,000 or more that are subsequently redeemed within 12 months of purchase.

(4) Class B shares are not currently available for direct investment. However, they are available for dividend reinvestment and exchange of the same class shares of another Ivy Fund.

(5) 7-31-14 for Class N shares and 12-19-12 for Class R shares (the date on which shares were first acquired by shareholders).

Past performance is not necessarily indicative of future performance. Indexes are unmanaged. The performance graph and table do not reflect the deduction of taxes that a shareholder would pay on Fund distributions or on the redemption of Fund shares. Performance results may include the effect of expense reduction arrangements for some or all of the periods shown. If those arrangements had not been in place, the performance results for those periods would have been lower.

(a) Effective April 30, 2020, the Fund's new benchmark is the MSCI EAFE Value Index. IICO believes that this index is more reflective of the types of securities that the Fund invests in. Both the new benchmark and the Fund's previous benchmark noted above are included for comparison purposes.

(b) Effective October 1, 2020, the maximum applicable sales charge for Class A shares has been lowered to 3.50% from 5.75%.

[Table of Contents](#)**SCHEDULE OF INVESTMENTS****IVY PZENA INTERNATIONAL VALUE FUND** (in thousands)

MARCH 31, 2021

<b>COMMON STOCKS</b>	<b>Shares</b>	<b>Value</b>	<b>COMMON STOCKS (Continued)</b>	<b>Shares</b>	<b>Value</b>	<b>COMMON STOCKS (Continued)</b>	<b>Shares</b>	<b>Value</b>
Belgium			Materials – 5.5%			Financials – 2.2%		
Financials – 0.8%			BASF Aktiengesellschaft	94	\$ 7,788	ING Groep N.V., Certicaaten Van Aandelen	452	\$ 5,535
KBC Group N.V.	27	<u>1,961</u>	Covestro AG	90	<u>6,080</u>			
					<u>13,868</u>	<b>Total Netherlands – 4.6%</b>		<b>11,547</b>
<b>Total Belgium – 0.8%</b>		<b>1,961</b>	<b>Total Germany – 6.8%</b>		<b>17,029</b>	Singapore		
Brazil			Hong Kong			Consumer Staples – 1.4%		
Consumer Staples – 1.7%			Hong Kong			Wilmar International Ltd.	870	<u>3,506</u>
Ambev S.A.	1,598	<u>4,351</u>	Consumer Discretionary – 1.1%			Financials – 1.0%		
			Galaxy Entertainment Group	310	<u>2,791</u>	DBS Group Holdings Ltd.	120	<u>2,577</u>
<b>Total Brazil – 1.7%</b>		<b>4,351</b>	<b>Total Hong Kong – 1.1%</b>		<b>2,791</b>	<b>Total Singapore – 2.4%</b>		<b>6,083</b>
Denmark			Italy			South Korea		
Financials – 0.8%			Italy			Financials – 0.7%		
Danske Bank A.S.	105	<u>1,967</u>	Utilities – 1.4%			Shinhan Financial Group Co. Ltd.	55	<u>1,829</u>
Industrials – 2.6%			ENEL S.p.A.	343	<u>3,413</u>	Materials – 3.1%		
A.P. Moller – Maersk A/S	3	<u>6,439</u>	<b>Total Italy – 1.4%</b>		<b>3,413</b>	POSCO	28	<u>7,822</u>
			Japan			<b>Total South Korea – 3.8%</b>		<b>9,651</b>
<b>Total Denmark – 3.4%</b>		<b>8,406</b>	Consumer Discretionary – 9.2%			Spain		
Finland			Bridgestone Corp.	62	2,519	Financials – 0.9%		
Information Technology – 1.9%			Honda Motor Co. Ltd.	229	6,867	CaixaBank S.A.	695	<u>2,152</u>
Nokia Oyj	1,215	<u>4,849</u>	Iida Group Holdings Co. Ltd.	109	2,625	<b>Total Spain – 0.9%</b>		<b>2,152</b>
			Isuzu Motors Ltd.	237	2,540	Switzerland		
<b>Total Finland – 1.9%</b>		<b>4,849</b>	Panasonic Corp.	586	7,535	Financials – 3.0%		
France			Suzuki Motor Corp.	24	<u>1,094</u>	Credit Suisse Group AG, Registered Shares	144	1,505
Communication Services – 1.5%					<u>23,180</u>	Julius Baer Group Ltd.	20	1,259
Publicis Groupe S.A.	62	<u>3,810</u>	Financials – 3.8%			UBS Group AG	313	<u>4,844</u>
Consumer Discretionary – 2.9%			Fukuoka Financial Group, Inc.	98	1,860			<u>7,608</u>
Compagnie Generale des Etablissements Michelin, Class B	47	<u>7,109</u>	MS&AD Insurance Group Holdings, Inc.	41	1,209	Health Care – 3.9%		
Energy – 0.7%			Resona Holdings, Inc.	503	2,109	Novartis AG, Registered Shares	41	3,525
Technip Energies ADR (A)	115	<u>1,716</u>	Sumitomo Mitsui Financial Group, Inc.	74	2,689	Roche Holdings AG, Genussscheine	19	<u>6,256</u>
			T&D Holdings, Inc.	112	<u>1,444</u>			<u>9,781</u>
Financials – 2.2%					<u>9,311</u>	Industrials – 0.5%		
Amundi S.A.	55	4,428	Industrials – 3.6%			ABB Ltd.	41	<u>1,246</u>
SCOR SE	30	<u>1,031</u>	Komatsu Ltd.	210	6,478	<b>Total Switzerland – 7.4%</b>		<b>18,635</b>
			Mitsui & Co. Ltd.	121	<u>2,524</u>	Taiwan		
					<u>9,002</u>	Information Technology – 3.0%		
Health Care – 1.1%			Materials – 2.3%			Catcher Technology Co. Ltd.	367	2,721
Sanofi-Aventis	27	<u>2,620</u>	Hitachi Metals Ltd.	347	<u>5,707</u>	Hon Hai Precision Industry Co. Ltd.	1,082	<u>4,701</u>
Industrials – 6.1%			<b>Total Japan – 18.9%</b>		<b>47,200</b>			<u>7,422</u>
Bouygues S.A.	60	2,399	Luxembourg			<b>Total Taiwan – 3.0%</b>		<b>7,422</b>
Rexel S.A.	534	10,587	Materials – 2.7%					
Schneider Electric S.A.	16	<u>2,408</u>	ArcelorMittal	228	<u>6,591</u>			
			<b>Total Luxembourg – 2.7%</b>		<b>6,591</b>			
<b>Total France – 14.5%</b>		<b>36,108</b>	Netherlands					
Germany			Energy – 2.4%					
Industrials – 1.3%			Royal Dutch Shell plc, Class A	305	<u>6,012</u>			
Siemens AG	19	<u>3,161</u>						

2021 ANNUAL REPORT 133

[Table of Contents](#)**SCHEDULE OF INVESTMENTS****IVY PZENA INTERNATIONAL VALUE FUND** *(in thousands)*

MARCH 31, 2021

<b>COMMON STOCKS (Continued)</b>			<b>COMMON STOCKS (Continued)</b>			<b>SHORT-TERM SECURITIES</b>		
	<b>Shares</b>	<b>Value</b>		<b>Shares</b>	<b>Value</b>		<b>Shares</b>	<b>Value</b>
United Kingdom			Industrials – 2.8%			Money Market Funds (B) – 5.1%		
Communication Services – 1.9%			Travis Perkins plc			State Street Institutional U.S. Government		
Vodafone Group plc	2,622	\$ 4,768		329	\$ 6,990	Money Market Fund – Premier Class		
Consumer Staples – 4.2%			<b>Total United Kingdom – 20.2%</b>			0.040%		
J Sainsbury plc	2,094	7,000			<b>50,425</b>	1,235 \$ 1,235		
tesco plc	1,072	3,381	<b>TOTAL COMMON STOCKS – 95.5%</b>			Dreyfus Institutional Preferred		
		<u>10,381</u>	<b>\$238,614</b>			Government Money Market Fund –		
Energy – 4.3%			(Cost: \$204,030)			Institutional Shares 0.010% (C)		
John Wood Group plc	1,724	6,432	<b>PREFERRED STOCKS</b>			11,562 <u>11,562</u>		
TechnipFMC plc (A)	573	4,424	Germany			<u>12,797</u>		
		<u>10,856</u>	Consumer Discretionary – 3.3%			<b>TOTAL SHORT-TERM SECURITIES – 5.1%</b>		
Financials – 7.0%			Volkswagen AG, 2.260%			<b>\$ 12,797</b>		
Aviva plc	526	2,960	29 <u>8,145</u>			(Cost: \$12,797)		
Barclays plc	1,222	3,132	<b>Total Germany – 3.3%</b>			<b>TOTAL INVESTMENT SECURITIES – 103.9%</b>		
HSBC Holdings plc	801	4,671	<b>\$ 8,145</b>			<b>\$259,556</b>		
NatWest Group plc	1,061	2,870	(Cost: \$5,029)			(Cost: \$221,856)		
Standard Chartered plc	551	3,797	<b>TOTAL PREFERRED STOCKS – 3.3%</b>			<b>LIABILITIES, NET OF CASH AND OTHER</b>		
		<u>17,430</u>	<b>\$ 8,145</b>			<b>ASSETS – (3.9%)</b>		
						<b>(9,705)</b>		
						<b>NET ASSETS – 100.0%</b>		
						<b>\$249,851</b>		

**Notes to Schedule of Investments**

(A) All or a portion of securities with an aggregate value of \$12,873 are on loan.

(B) Rate shown is the annualized 7-day yield at March 31, 2021.

(C) Investment made with cash collateral received from securities on loan.

The following table is a summary of the valuation of the Fund's investments by the fair value hierarchy levels as of March 31, 2021. See Note 3 to the Financial Statements for further information regarding fair value measurement.

	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>
<b>Assets</b>			
Investments in Securities			
Common Stocks	\$238,614	\$ —	\$ —
Preferred Stocks	8,145	—	—
Short-Term Securities	12,797	—	—
Total	\$259,556	\$ —	\$ —

[Table of Contents](#)**SCHEDULE OF INVESTMENTS**IVY PZENA INTERNATIONAL VALUE FUND *(in thousands)*

MARCH 31, 2021

The following acronym is used throughout this schedule:

ADR = American Depositary Receipts

**Market Sector Diversification  
(as a % of net assets)**

Financials	22.4%
Industrials	16.9%
Consumer Discretionary	16.5%
Materials	13.6%
Energy	7.4%
Consumer Staples	7.3%
Information Technology	5.0%
Health Care	4.9%
Communication Services	3.4%
Utilities	1.4%
Other+	1.2%

+Includes liabilities (net of cash and other assets), and cash equivalents

See Accompanying Notes to Financial Statements.

2021 ANNUAL REPORT 135

[Table of Contents](#)**MANAGEMENT DISCUSSION****IVY SECURIAN CORE BOND FUND**

(UNAUDITED)



Thomas B. Houghton



Dan Henken



Lena S. Harhaj

*Ivy Securian Core Bond Fund is subadvised by Securian Asset Management, Inc.*

*Below, Thomas B. Houghton, CFA, Daniel A. Henken, CFA, and Lena S. Harhaj, CFA, co-portfolio managers of the Ivy Securian Core Bond Fund, discuss positioning, performance and results for the fiscal year ended March 31, 2021. Mr. Houghton has managed the Fund since 2005 and has 28 years of industry experience. Mr. Henken has managed the Fund since 2017 and has 18 years of industry experience. Ms. Harhaj has managed the Fund since 2018 and has 24 years of industry experience.*

**Fiscal Year Performance**

For the 12 months ended March 31, 2021

<b>Ivy Securian Core Bond Fund (Class A shares at net asset value)</b>	7.32%
<b>Ivy Securian Core Bond Fund (Class A shares, including sales charges)</b>	4.62%
Benchmark(s) and/or Morningstar Category	
<b>Bloomberg Barclays U.S. Aggregate Bond Index</b>	0.71%
(Generally reflects the performance of securities representing the world's bond markets)	
<b>Morningstar Intermediate Core-Plus Bond Category Average</b>	6.63%
(Generally reflects the performance of the universe of funds with similar investment objectives)	

*Please note that Fund returns include applicable fees and expenses while index returns do not include any such fees. The performance discussion below is at net asset value (NAV).*

**Key drivers**

The past 12 months provided an opportune time for taking risk across asset classes, despite much uncertainty to begin the fiscal year. The COVID-19 pandemic was just getting started a year ago, and economic activity fell precipitously as a consequence. The epic economic downturn was met by epic monetary and fiscal policy responses. The Federal Reserve's (Fed) unprecedented actions to appease market fears in March 2020 stabilized the markets. That was quickly followed by a \$2 trillion spending plan under the Coronavirus Aid, Relief, and Economic Security (CAREs) Act, which sent badly needed

cash directly to consumers hit hard by mass furloughs and layoffs. Investors, with little historical context to draw on, fell back on a hopeful view.

Even as the hopes for further fiscal support faded as we entered the heat of the election season, the Fed continued to do its part to soothe markets. In September it issued its new policy framework, reiterating its goals of maximum employment and price stability. The Fed's new guidance indicated that rate hikes won't happen until realized inflation reaches 2%, and inflation is "on track to moderately exceed 2% for some time." Policymakers want to see enough job growth to fully absorb labor slack, even if that means the economy runs "hot" before raising rates. This reflects the view that the benefits of job gains are distributed more broadly as the economy approaches full employment. The Fed's move towards a more flexible inflation target wasn't a surprise. Investors believe the new policy factors in a 1-2% overshoot of the 2% target to ensure the economy reaches full employment.

The election season caused some headaches, but by the end of December we had a newly elected Democratic-led government, two FDA-approved COVID-19 vaccines, and we were well on our way to another stimulus plan. This pushed risk markets even higher, but also started pushing up inflation expectations and interest rates, as investors began to worry about whether the policy response would finally lead to realized inflation.

These concerns increased in the final quarter of the fiscal year as the Biden administration, along with Congress, passed a new \$1.9 trillion stimulus plan, with promises of an even larger infrastructure plan coming soon. Yields on the long end of the curve moved up 80-90 basis points (bps), resulting in one of the worst quarterly returns in decades for fixed income investors, despite continued strength in corporate and structured bonds.

**Contributors and detractors**

The Fund outperformed its benchmark and the average performance of its peer group for the fiscal year ending March 31, 2021. Positive security selection contributed to a majority of the Fund's outperformance relative to its benchmark. The Fund benefitted from strong performance of its positions in industrial corporate bonds, particularly in the energy and airline sectors, relative to those represented in the benchmark. The Fund also benefitted from strong performance of its positions in the securitized sectors, particularly in asset-backed securities (ABS) and residential loan-backed securities. The decision to maintain or increase the Fund's overweight positioning in the spread sectors, particularly utilities and financials,

[Table of Contents](#)

contributed about one-third of the Fund's relative outperformance during the year. There were no notable detractors from performance during the year.

## Portfolio Positioning

The portfolio management team was active during the year, ultimately increasing the Fund's exposure to corporate bonds by almost 12%. The team added to positions in the energy sector, primarily in pipeline and refining. The team also participated in the newly issued bond offerings of several airlines. These bonds were secured by strong assets and bolstered the airlines' liquidity positions. Within the telecommunications space, we added a position in newly issued bonds offered by Verizon to fund the acquisition of broadband spectrum recently auctioned by the U.S. government. We believe that both Verizon and AT&T, which also participated in the auctions, will be focused on reducing debt over the next several quarters and their bonds should perform well relative to the index. We reduced positions in financials and consumer non-cyclicals taking profits in positions we added in calendar year 2020.

The Fund's exposure to corporate bonds finished the year at 51%, compared to the index weighting of 27%. Its largest overweight positions in terms of market weight in the corporate bond sector are in transportation, electric utilities, energy, banks and insurance. The Fund's transportation positions are securitized bonds issued by airlines. Its energy exposure is primarily in midstream pipeline companies and refiners, with little direct exposure to volatile energy prices. The largest underweights from a market weight perspective in the corporate space are in capital goods, technology, real estate investment trusts, consumer non-cyclicals, and finance companies. The Fund's overweight position in corporate credit is prudent given our expectations for a robust economic recovery, falling rates of corporate defaults and continued strong demand for yield by fixed income investors around the world. U.S. interest rates rose higher than most of the rest of the world, making our market even more attractive. This strong technical backdrop is supported by a Fed that has pledged to remain accommodative for the foreseeable future.

The team was also active in the securitized sector over the past fiscal year, however exposure to the sector fell as a percentage of the Fund's portfolio. The low interest rate environment led to a quickening pace of prepayments and it was difficult to maintain the desired exposure due to this sector. We added to positions in the non-agency residential sector, which continues to benefit from a robust housing sector. We also added to the Fund's commercial mortgage-backed securities (CMBS) exposure in the last quarter of the fiscal year, buying new-issue, senior-level, offerings in the health care and industrial property sectors. The team also purchased positions backed by private student loan securitizations.

The Fund remains overweight ABS, CMBS and non-agency mortgage backed securities (MBS), and underweight agency MBS. The team remains comfortable with its overweight positions in the consumer-facing sectors of ABS and non-Agency MBS and we continue to look to add exposure in the space. We believe these structures will continue to be supported by historically low rates and have sufficient cushion to withstand substantial stress on the underlying borrowers, who will also benefit from further targeted stimulus.

The Fund's overall duration position was about 50 bps short of the benchmark at the end of the fiscal year. The Fund's interest rate positioning contributed marginally to fiscal year performance relative to the benchmark.

## Outlook

Expectations for growth in the U.S. continue to increase, both on an absolute basis and relative to much of the rest of the world. Both the Fed and the Biden administration are doubling down on policy support to make sure the economy takes off. With the vaccine rollout exceeding expectations for both speed and effectiveness, consumers and businesses are ready to get back to normal.

Despite the forecast for eye-popping growth, the Fed is steadfast in its commitment to keep a lid on rates until there is clear evidence of full employment and realized inflation. Members of the Federal Open Market Committee predict this process will take at least two years. Policymakers expect easy money to spur investment and better productivity, increasing sustainable growth. This risks an overshoot, but Fed officials are confident in their ability to slow the economy with available monetary tools if needed.

Recent fiscal and monetary policies can only be described as unprecedented, and investors should approach the future with humility. The levels of fiscal support and easy money already in place are each considerable. Together, these policies — and proposed programs — are taking us into the great unknown. We believe the economy is poised for takeoff with plenty of liquidity acting as an accelerant. We're likely to exceed pre-pandemic trend growth by the end of calendar year 2021, and new businesses are forming at a rapid pace. For now, the potential benefits to the economy, and more importantly, to people, seem to outweigh the risks. But it would be imprudent to think that there isn't a potential downside as well.

Projects that don't make sense in a normal environment can be funded when interest rates are held below inflation. Episodes like the GameStop short squeeze and the recent implosion of a highly levered investment fund are

[Table of Contents](#)

---

warning signs that discipline may be waning. Many of the policies proposed by the Biden administration make sense, but less productive spending has begun to creep into emergency measures. While inflation remains muted, more of the necessary conditions are in place for rising prices, a potential threat to a key foundation of current valuations and risk taking. When it comes to knowing how much is too much, unfortunately, the only answer is we'll know it when we see it.

**Performance shown at NAV does not include the effect of sales charges. If reflected, the performance shown would have been lower. Performance including sales charges reflects the maximum applicable front-end sales load and thus the lowest possible performance after sales charges; your sales charges could be lower.**

**Past performance is not a guarantee of future results. As with any mutual fund, the value of the Fund's shares will change, and you could lose money on your investment. A futures contract is an agreement to buy or sell a specific quantity of an underlying reference instrument, such as a security or other instrument, index, interest rate, currency or commodity at a specific price on a specific date. Although a Fund may attempt to hedge against certain risks, the hedging instruments may not perform as expected and could produce losses.**

**Fixed-income securities are subject to interest rate risk and, as such, the Fund's net asset value may fall as interest rates rise. These and other risks are more fully described in the Fund's prospectus.**

**Certain U.S. government securities in which the Fund may invest, such as Treasury securities and securities issued by the Government National Mortgage Association (Ginnie Mae), are backed by the full faith and credit of the U.S. government. However, other U.S. government securities in which the Fund may invest, such as securities issued by the Federal National Mortgage Association (Fannie Mae), the Federal Home Loan Mortgage Corporation (Freddie Mac) and the Federal Home Loan Banks (FHLB) are not backed by the full faith and credit of the U.S. government, are not insured or guaranteed by the U.S. government and, instead, may be supported only by the right of the issuer to borrow from the U.S. Treasury or by the credit of the issuer.**

**The opinions expressed in this report are those of the Fund's portfolio managers and are current only through the end of the period of the report as stated on the cover. The managers' views are subject to change at any time based on market and other conditions, and no forecasts can be guaranteed.**

**The index noted is unmanaged and includes reinvested dividends. One cannot invest directly in an index, nor is an index representative of the Ivy Securian Core Bond Fund.**

[Table of Contents](#)**PORTFOLIO HIGHLIGHTS****IVY SECURIAN CORE BOND FUND**

ALL DATA IS AS OF MARCH 31, 2021 (UNAUDITED)

**Asset Allocation**

<b>Stocks</b>	<b>0.6%</b>
<b>Bonds</b>	<b>97.5%</b>
Corporate Debt Securities	45.7%
United States Government and Government Agency Obligations	20.8%
Mortgage-Backed Securities	17.5%
Asset-Backed Securities	12.3%
Municipal Bonds — Taxable	1.2%
<b>Cash and Other Assets (Net of Liabilities), and Cash Equivalents+</b>	<b>1.9%</b>

**Quality Weightings**

<b>Investment Grade</b>	<b>84.9%</b>
AAA	14.9%
AA	21.4%
A	14.7%
BBB	33.9%
<b>Non-Investment Grade</b>	<b>12.6%</b>
BB	7.7%
B	1.1%
CCC	0.3%
Below CCC	0.0%
Non-rated	3.5%
<b>Cash and Other Assets (Net of Liabilities), and Cash Equivalents+ and Equities</b>	<b>2.5%</b>

*Our preference is to always use ratings obtained from Standard & Poor's, Moody's, and Fitch. It is each Portfolio's general policy to classify such security at the lower rating level if only two ratings are available. If more than two ratings are available and a median exists, the median is used. If more than two ratings exist without a median, the lower of the two middle ratings is used. We do not evaluate these ratings, but simply assign them to the appropriate credit quality category as determined by the rating agency.*

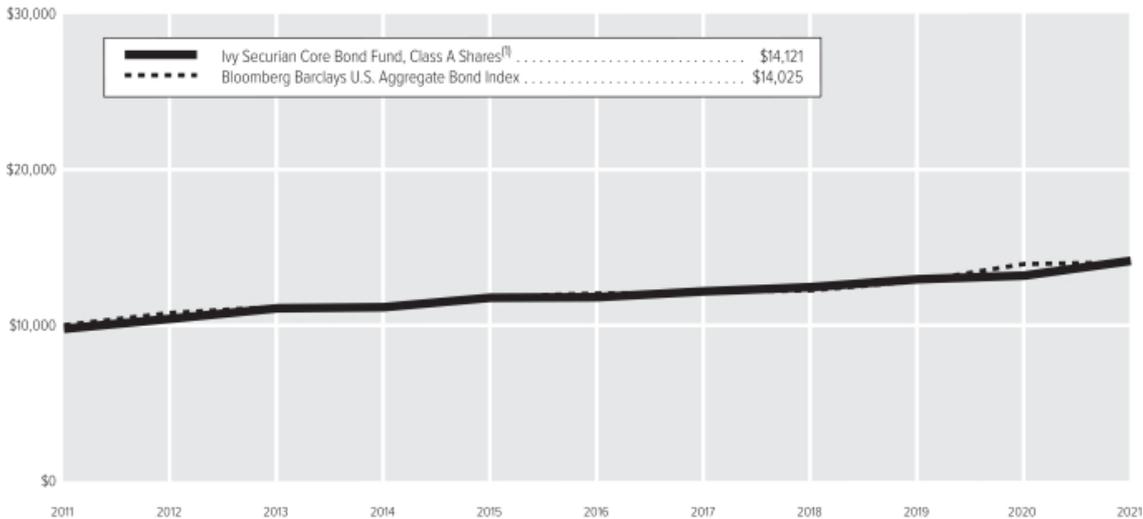
*+Cash equivalents are defined as highly liquid securities with maturities of less than three months. Cash equivalents may include U.S. Government Treasury bills, bank certificates of deposit, bankers' acceptances, corporate commercial paper and other money market instruments.*

[Table of Contents](#)

# COMPARISON OF CHANGE IN VALUE OF \$10,000 INVESTMENT

## IVY SECURIAN CORE BOND FUND

(UNAUDITED)



Please note that the performance of the Fund's other share classes will be greater or less than the performance shown above for Class A based on the differences in loads and fees paid by shareholders investing in the different classes.

(1) The value of the investment in the Fund is impacted by the sales load at the time of the investment and by the ongoing expenses of the Fund and assumes reinvestment of dividends and distributions.

Average Annual Total Return <sup>(2)</sup>	Class A <sup>(3)</sup>	Class B <sup>(4)</sup>	Class C	Class E <sup>(3)</sup>	Class I	Class N	Class R	Class Y
1-year period ended 3-31-21	4.62%	2.29%	6.50%	4.55%	7.77%	7.77%	6.97%	7.33%
5-year period ended 3-31-21	3.18%	2.58%	2.96%	3.18%	4.17%	4.19%	3.42%	3.77%
10-year period ended 3-31-21	3.51%	2.99%	3.16%	3.47%	4.16%	—	—	3.83%
Since Inception of Class through 3-31-21 <sup>(5)</sup>	—	—	—	—	—	3.81%	2.81%	—

(2) Data quoted is past performance and is based on deduction of the maximum applicable sales load for each of the periods. Current performance may be lower or higher. Past performance is no guarantee of future results. Investment return and principal value of an investment will fluctuate and shares, when redeemed, may be worth more or less than their original cost. Please visit [www.ivyinvestments.com](http://www.ivyinvestments.com) for the Fund's most recent month end performance. Class A and Class E Shares carry a maximum front-end sales load of 2.50%<sup>(a)</sup>. Class B and Class C shares carry a maximum contingent deferred sales charge (CDSC) of 5% and 1%, respectively (the Class C shares reflect no CDSC since it only applies to Class C shares redeemed within twelve months after purchase). Class I, Class N, Class R and Class Y shares are not subject to sales charges.

(3) Class A shares carry a CDSC on shares purchased at net asset value for \$1 million or more that are subsequently redeemed within 12 months of purchase. Effective October 1, 2020, Class A shares carry a CDSC on shares purchased at net asset value for \$500,000 or more that are subsequently redeemed within 12 months of purchase. Class E shares carry a CDSC on shares purchased at net asset value for \$250,000 or more that are subsequently redeemed within 12 months of purchase.

(4) Class B shares are not currently available for direct investment. However, they are available for dividend reinvestment and exchange of the same class shares of another Ivy Fund.

(5) 7-31-14 for Class N shares and 12-19-12 for Class R shares (the date on which shares were first acquired by shareholders).

Past performance is not necessarily indicative of future performance. Indexes are unmanaged. The performance graph and table do not reflect the deduction of taxes that a shareholder would pay on Fund distributions or on the redemption of Fund shares. Performance results may include the effect of expense reduction arrangements for some or all of the periods shown. If those arrangements had not been in place, the performance results for those periods would have been lower.

(a) Effective October 1, 2020, the maximum applicable sales charge for Class A shares has been lowered to 2.50% from 5.75%.

[Table of Contents](#)**SCHEDULE OF INVESTMENTS****IVY SECURIAN CORE BOND FUND** (in thousands)

MARCH 31, 2021

<b>PREFERRED STOCKS</b>	<b>Shares</b>	<b>Value</b>
<b>Industrials</b>		
Air Freight & Logistics – 0.6%		
Brookfield Infrastructure Partners L.P., 5.000% (A)(B)	280	\$7,064
<b>Total Industrials – 0.6%</b>		<b>7,064</b>
<b>TOTAL PREFERRED STOCKS – 0.6%</b>		<b>\$7,064</b>
(Cost: \$7,000)		

<b>ASSET-BACKED SECURITIES</b>	<b>Principal</b>	<b>Value</b>
<b>Air Canada Enhanced Equipment Trust, Series 2015-2, Class AA, 3.550%, 1-15-30 (C)</b>		
	\$ 4,729	4,465
<b>Air Canada Enhanced Equipment Trust, Series 2020-2, Class A, 5.250%, 4-1-29 (C)</b>		
	3,000	3,224
<b>American Airlines Class B Pass-Through Certificates, Series 2016-3, 3.750%, 10-15-25</b>		
	3,829	3,604
<b>American Airlines, Inc. Pass-Through Certificates, Series 2017-1, Class B, 4.950%, 2-15-25</b>		
	929	865
<b>AmeriCredit Automobile Receivables Trust, Series 2016-4, 2.740%, 12-8-22</b>		
	2,500	2,510
<b>AmeriCredit Automobile Receivables Trust, Series 2017-1, Class C, 2.710%, 8-18-22</b>		
	1,670	1,675
<b>AmeriCredit Automobile Receivables Trust, Series 2018-2, Class C, 3.590%, 6-18-24</b>		
	6,660	6,924
<b>Bank of the West Auto Trust, Series 2017-1, Class D, 3.210%, 4-15-25 (C)</b>		
	4,500	4,587
<b>British Airways Pass-Through Trust, Series 2019-1A, 3.350%, 6-15-29 (C)</b>		
	3,025	2,914
<b>British Airways Pass-Through Trust, Series 2020-1A, 4.250%, 11-15-32 (C)</b>		
	2,305	2,415
<b>British Airways Pass-Through Trust, Series 2020-1B, 8.375%, 11-15-28 (C)</b>		
	983	1,119
<b>CarMax Auto Owner Trust, Series 2018-1, Class C, 2.950%, 11-15-23</b>		
	3,700	3,787
<b>Chesapeake Funding II LLC, Series 2017-3, Class D, 3.380%, 8-15-29 (C)</b>		
	2,500	2,512
<b>Chesapeake Funding II LLC, Series 2017-4A, Class D, 3.260%, 11-15-29 (C)</b>		
	3,375	3,418
<b>Chesapeake Funding II LLC, Series 2018-1, Class C, 3.570%, 4-15-30 (C)</b>		
	3,100	3,148
<b>CommonBond Student Loan Trust, Series 2017-BGS, Class C: 4.440%, 9-25-42 (C)</b>		
	91	95
<b>2.540%, 1-25-47 (C)</b>		
	5,568	5,713

<b>ASSET-BACKED SECURITIES</b>	<b>Principal</b>	<b>Value</b>
<b>(Continued)</b>		
<b>CVS Caremark Corp. Pass-Through Trust: 6.036%, 12-10-28</b>		
	\$ 7,021	\$8,190
<b>6.943%, 1-10-30</b>		
	3,041	3,665
<b>Delta Air Lines, Inc. Pass-Through Certificates, Series 2015-1, Class B, 4.250%, 7-30-23</b>		
	1,628	1,664
<b>Delta Air Lines, Inc. Pass-Through Certificates, Series 2020A, Class B, 2.500%, 6-10-28</b>		
	4,774	4,837
<b>Drive Auto Receivables Trust, Series 2017-3, Class D, 3.530%, 12-15-23 (C)</b>		
	570	578
<b>Drive Auto Receivables Trust, Series 2018-5, Class C, 3.990%, 1-15-25</b>		
	9,431	9,620
<b>Earnest Student Loan Program LLC, Series 2016-B, Class A2, 3.020%, 5-25-34 (C)</b>		
	347	348
<b>Earnest Student Loan Program LLC, Series 2017-A, Class B, 3.590%, 1-25-41 (C)</b>		
	389	392
<b>GM Financial Securitized Term Auto Receivables Trust, Series 2018-1, Class C, 2.770%, 7-17-23</b>		
	1,400	1,415
<b>Hawaiian Airlines, Inc. Pass-Through Certificates, Series 2013-1, Class B, 4.950%, 1-15-22</b>		
	3,467	3,437
<b>Invitation Homes Trust, Series 2018-SFR2 (1-Month U.S. LIBOR plus 128 bps), 1.386%, 6-17-37 (C)(D)</b>		
	4,000	4,011
<b>KKR Industrial Portfolio Trust, Series 2021-KDIP, Class B (1-Month U.S. LIBOR plus 80 bps), 0.906%, 12-15-37 (C)(D)</b>		
	3,000	2,996
<b>Navient Student Loan Trust, Series 2021-A, Class A, 0.840%, 5-15-69 (C)</b>		
	3,870	3,857
<b>One Market Plaza Trust, Series 2017-1MKT, Class A, 3.614%, 2-10-32 (C)</b>		
	4,000	4,091
<b>Progress Residential Trust, Series 2017-SFR1, Class D, 3.565%, 8-17-34 (C)</b>		
	2,750	2,770
<b>Santander Consumer Auto Receivables Trust, Series 2020-BA, Class A3, 0.460%, 8-15-24 (C)</b>		
	2,000	2,002
<b>Santander Consumer Auto Receivables Trust, Series 2020-BA, Class B, 0.770%, 12-15-25 (C)</b>		
	3,250	3,258
<b>Santander Drive Auto Receivables Trust, Series 2018-2, Class E, 5.020%, 9-15-25</b>		
	5,000	5,190
<b>SoFi Professional Loan Program LLC, Series 2017-F, Class A-2FX, 2.840%, 1-25-41 (C)</b>		
	3,347	3,425

<b>ASSET-BACKED SECURITIES</b>	<b>Principal</b>	<b>Value</b>
<b>(Continued)</b>		
<b>SoFi Professional Loan Program LLC, Series 2018-A, Class A-2B, 2.950%, 2-25-42 (C)</b>		
	\$ 2,600	\$ 2,653
<b>U.S. Airways, Inc. Pass-Through Certificates, Series 2012-2, Class B, 6.750%, 6-3-21</b>		
	3,931	3,943
<b>U.S. Airways, Inc., Series 2013-1, Class B, 5.375%, 11-15-21</b>		
	1,244	1,249
<b>United Airlines Pass-Through Certificates, Series 2014-1B, 4.750%, 4-11-22</b>		
	1,932	1,962
<b>United Airlines Pass-Through Certificates, Series 2014-2B, 4.625%, 9-3-22</b>		
	2,604	2,659
<b>United Airlines Pass-Through Certificates, Series 2016-1, Class B, 3.650%, 1-7-26</b>		
	3,344	3,302
<b>United Airlines Pass-Through Certificates, Series 2019-2, Class B, 3.500%, 5-1-28</b>		
	3,073	2,991
<b>United Airlines Pass-Through Certificates, Series 2020-1A, 5.875%, 10-15-27</b>		
	7,319	8,114
<b>Volvo Financial Equipment Trust, Series 2018-1, Class C, 3.060%, 12-15-25 (C)</b>		
	2,600	2,627
<b>TOTAL ASSET-BACKED SECURITIES – 12.3%</b>		<b>\$148,221</b>
(Cost: \$146,003)		

**CORPORATE DEBT SECURITIES**

<b>Communication Services</b>		
<b>Cable &amp; Satellite – 1.0%</b>		
<b>CCO Holdings LLC and CCO Holdings Capital Corp., 4.500%, 5-1-32 (C)</b>		
	7,500	7,593
<b>Comcast Corp. (GTD by Comcast Cable Communications and NBCUniversal), 3.300%, 4-1-27</b>		
	4,620	5,037
		12,630
<b>Integrated Telecommunication Services – 2.4%</b>		
<b>AT&amp;T, Inc.:</b>		
<b>2.300%, 6-1-27</b>		
	3,100	3,168
<b>3.650%, 6-1-51</b>		
	3,100	2,998
<b>3.550%, 9-15-55 (C)</b>		
	9,512	8,705
<b>Verizon Communications, Inc.:</b>		
<b>3.550%, 3-22-51</b>		
	7,485	7,475
<b>3.700%, 3-22-61</b>		
	2,500	2,470
<b>Verizon Communications, Inc. (3-Month U.S. LIBOR plus 110 bps), 1.298%, 5-15-25 (D)</b>		
	3,925	4,013
		28,829

2021 ANNUAL REPORT 141

[Table of Contents](#)**SCHEDULE OF INVESTMENTS****IVY SECURIAN CORE BOND FUND** (in thousands)

MARCH 31, 2021

**CORPORATE DEBT SECURITIES**

(Continued)	Principal	Value
Wireless Telecommunication Service – 0.2%		
Crown Castle Towers LLC, 4.241%, 7–15–28 (C)	\$ 1,800	\$ 2,006
<b>Total Communication Services – 3.6%</b>		<b>43,465</b>
Consumer Discretionary		
Automotive Retail – 0.3%		
AutoZone, Inc., 3.625%, 4–15–25	3,250	3,539
<b>Total Consumer Discretionary – 0.3%</b>		<b>3,539</b>
Consumer Staples		
Agricultural Products – 0.2%		
Ingredion, Inc., 3.900%, 6–1–50	2,800	2,957
Packaged Foods & Meats – 0.2%		
Bunge Ltd. Finance Corp., 1.630%, 8–17–25	2,475	2,476
Tobacco – 0.2%		
Altria Group, Inc. (GTD by Philip Morris USA, Inc.), 5.800%, 2–14–39	1,905	2,325
<b>Total Consumer Staples – 0.6%</b>		<b>7,758</b>
Energy		
Integrated Oil & Gas – 0.6%		
Equinor ASA (GTD by Equinor Energy AS), 3.000%, 4–6–27	6,600	7,068
Oil & Gas Exploration & Production – 0.4%		
Enterprise Products Operating LLC (GTD by Enterprise Products Partners L.P.) (3-Month U.S. LIBOR plus 277.75 bps), 2.968%, 6–1–67 (D)	5,750	5,002
Oil & Gas Refining & Marketing – 1.8%		
HollyFrontier Corp., 2.625%, 10–1–23	6,500	6,698
Marathon Petroleum Corp., 5.850%, 12–15–45 (B)	7,177	8,507
Valero Energy Corp. (3-Month U.S. LIBOR plus 115 bps), 1.334%, 9–15–23 (D)	6,500	6,522
		<u>21,727</u>
Oil & Gas Storage & Transportation – 5.2%		
Boardwalk Pipelines L.P. (GTD by Boardwalk Pipeline Partners L.P.): 3.375%, 2–1–23	856	885
4.950%, 12–15–24	4,051	4,536
5.950%, 6–1–26	1,496	1,736
4.450%, 7–15–27	2,365	2,617
3.400%, 2–15–31	2,000	1,998

**CORPORATE DEBT SECURITIES**

(Continued)	Principal	Value
Oil & Gas Storage & Transportation (Continued)		
EQT Midstream Partners L.P., 6.500%, 7–15–48	\$ 2,225	\$ 2,219
Gray Oak Pipeline LLC: 2.600%, 10–15–25 (C)	3,600	3,653
3.450%, 10–15–27 (C)	8,835	9,119
Midwest Connector Capital Co. LLC, 3.625%, 4–1–22 (C)	6,000	6,086
MPLX L.P., 5.500%, 2–15–49	4,125	4,846
MPLX L.P. (3-Month U.S. LIBOR plus 110 bps), 1.285%, 9–9–22 (D)	2,520	2,521
Rattler Midstream L.P., 5.625%, 7–15–25 (C)	2,500	2,610
Sabine Pass Liquefaction LLC, 4.500%, 5–15–30	3,000	3,367
Sunoco Logistics Partners Operations L.P. (GTD by Sunoco Logistics Partners L.P.), 6.850%, 2–15–40	1,265	1,521
Tennessee Gas Pipeline Co., 8.375%, 6–15–32	3,200	4,484
Western Midstream Operating L.P.: 3.950%, 6–1–25	4,630	4,755
6.500%, 2–1–50 (E)	4,500	4,866
		<u>61,819</u>
<b>Total Energy – 8.0%</b>		<b>95,616</b>
Financials		
Asset Management & Custody Banks – 2.2%		
Apollo Management Holdings L.P., 2.650%, 6–5–30 (C)	4,700	4,618
Main Street Capital Corp., 3.000%, 7–14–26	6,200	6,163
Owl Rock Technology Finance Corp., 4.750%, 12–15–25 (C)	2,700	2,888
Owl Rock Technology Finance Corp. and Owl Rock Technology Advisors LLC, 3.750%, 6–17–26 (C)	4,750	4,857
Pine Street Trust I, 4.572%, 2–15–29	3,000	3,371
State Street Corp., 2.200%, 3–3–31	4,947	4,821
		<u>26,718</u>
Consumer Finance – 1.4%		
Discover Bank, 3.450%, 7–27–26	3,975	4,302
General Motors Financial Co., Inc. (GTD by AmeriCredit Financial Services, Inc.) (3-Month U.S. LIBOR plus 85 bps), 1.075%, 4–9–21 (D)	4,100	4,100
Hyundai Capital America: 3.250%, 9–20–22 (C)	3,662	3,793
2.850%, 11–1–22 (C)	4,500	4,641
		<u>16,836</u>

**CORPORATE DEBT SECURITIES**

(Continued)	Principal	Value
Diversified Banks – 4.8%		
Bank of America Corp.: 1.922%, 10–24–31	\$ 7,500	\$ 7,058
2.831%, 10–24–51	2,000	1,836
Citizens Bank N.A. (3-Month U.S. LIBOR plus 95 bps), 1.143%, 3–29–23 (D)	10,400	10,542
Compass Bank: 3.500%, 6–11–21	2,000	2,007
3.875%, 4–10–25	6,750	7,375
HSBC Holdings plc, 3.262%, 3–13–23	3,600	3,690
Truist Financial Corp., 5.050%, 12–15–68	2,765	2,803
U.S. Bancorp: 3.000%, 7–30–29	2,700	2,829
5.300%, 12–29–49	1,675	1,837
Wells Fargo & Co.: 3.000%, 10–23–26	1,500	1,601
2.393%, 6–2–28	10,000	10,249
Wells Fargo N.A. (3-Month U.S. LIBOR plus 62 bps), 0.810%, 5–27–22 (D)	5,100	5,105
		<u>56,932</u>
Investment Banking & Brokerage – 1.1%		
Charles Schwab Corp. (The), 4.625%, 12–29–49	4,200	4,257
Goldman Sachs Group, Inc. (The) (3-Month U.S. LIBOR plus 78 bps), 0.992%, 10–31–22 (D)	5,780	5,800
Morgan Stanley: 5.500%, 7–28–21	990	1,006
3.125%, 7–27–26	1,400	1,507
		<u>12,570</u>
Life & Health Insurance – 1.2%		
Equitable Financial Life Insurance Co., 1.400%, 7–7–25 (C)	5,850	5,847
Teachers Insurance & Annuity Association of America, 4.270%, 5–15–47 (C)	5,000	5,620
Unum Group, 5.750%, 8–15–42	2,324	2,714
		<u>14,181</u>
Multi-line Insurance – 0.4%		
Athene Holding Ltd., 3.500%, 1–15–31	4,700	4,830
Multi-Line Insurance – 1.0%		
Athene Global Funding, 2.800%, 5–26–23 (C)	5,000	5,216
Kemper Corp., 2.400%, 9–30–30	7,500	7,205
		<u>12,421</u>
Other Diversified Financial Services – 2.2%		
Citigroup, Inc., 3.875%, 5–18–69	5,500	5,474

[Table of Contents](#)**SCHEDULE OF INVESTMENTS****IVY SECURIAN CORE BOND FUND** (in thousands)

MARCH 31, 2021

**CORPORATE DEBT SECURITIES**

(Continued)	Principal	Value
Other Diversified Financial Services (Continued)		
Jefferies Group LLC and Jefferies Group Capital Finance, Inc., 4.150%, 1-23-30	\$ 2,915	\$ 3,201
JPMorgan Chase & Co.: 1.764%, 11-19-31	5,000	4,663
4.600%, 8-1-68	2,000	2,023
JPMorgan Chase & Co. (3-Month U.S. LIBOR plus 332 bps), 3.545%, 1-1-68 (D)	6,975	6,944
JPMorgan Chase & Co. (3-Month U.S. LIBOR plus 347 bps), 3.682%, 4-29-49 (D)	4,297	<u>4,289</u>
		<u>26,594</u>
Property & Casualty Insurance – 0.2%		
Liberty Mutual Group, Inc., 4.300%, 2-1-61 (C)	3,000	<u>2,704</u>
Regional Banks – 1.3%		
Regions Financial Corp., 3.800%, 8-14-23	2,275	2,440
SunTrust Banks, Inc. (3-Month U.S. LIBOR plus 59 bps), 0.782%, 5-17-22 (D)	3,125	3,143
SVB Financial Group, 4.100%, 5-15-69	4,500	4,511
Synovus Financial Corp., 3.125%, 11-1-22	5,680	<u>5,871</u>
		<u>15,965</u>
Specialized Finance – 0.1%		
Ashtead Capital, Inc., 4.000%, 5-1-28 (C)	900	<u>940</u>
<b>Total Financials – 15.9%</b>		<b>190,691</b>
Health Care		
Health Care Facilities – 0.9%		
New York and Presbyterian Hospital (The): 2.256%, 8-1-40	7,950	7,114
2.606%, 8-1-60	1,600	1,365
NYU Hospitals Center, 4.428%, 7-1-42	2,315	<u>2,709</u>
		<u>11,188</u>
Health Care Services – 0.5%		
Cigna Corp., 4.900%, 12-15-48	4,963	<u>6,079</u>
Pharmaceuticals – 0.9%		
Johnson & Johnson, 2.250%, 9-1-50	4,600	4,093
Upjohn, Inc.: 2.300%, 6-22-27 (C)	3,400	3,428
3.850%, 6-22-40 (C)	2,430	<u>2,487</u>
		<u>10,008</u>
<b>Total Health Care – 2.3%</b>		<b>27,275</b>

**CORPORATE DEBT SECURITIES**

(Continued)	Principal	Value
Industrials		
Airlines – 1.9%		
American Airlines, Inc. and AAdvantage Loyalty IPLtd. (GTD by American Airlines Group, Inc.): 5.500%, 4-20-26 (C)	\$ 4,000	\$ 4,163
5.750%, 4-20-29 (C)	1,000	1,063
Delta Air Lines, Inc., 8.021%, 8-10-22 (C)	1,134	1,183
Hawaiian Brand Intellectual Property Ltd. and HawaiianMiles Loyalty Ltd., 5.750%, 1-20-26 (C)	4,750	5,047
JetBlue Airways Corp.: 7.750%, 11-15-28	3,725	4,245
4.000%, 11-15-32	1,600	1,726
Spirit IP Cayman Ltd. and Spirit Loyalty Cayman Ltd. (GTD by Spirit Airlines, Inc.), 8.000%, 9-20-25 (C)	2,750	3,108
U.S. Airways Group, Inc., Class A, 6.250%, 4-22-23	1,730	<u>1,730</u>
		<u>22,265</u>
Highways & Railtracks – 0.6%		
Transurban Finance Co. Pty Ltd., 2.450%, 3-16-31 (C)	7,700	<u>7,480</u>
Railroads – 0.5%		
CSX Corp.: 4.750%, 11-15-48	950	1,142
4.250%, 11-1-66	4,175	<u>4,743</u>
		<u>5,885</u>
<b>Total Industrials – 3.0%</b>		<b>35,630</b>
Information Technology		
IT Consulting & Other Services – 0.5%		
Leidos, Inc. (GTD by Leidos Holdings, Inc.): 2.950%, 5-15-23 (C)	4,665	4,877
7.125%, 7-1-32	1,500	<u>1,980</u>
		<u>6,857</u>
Technology Hardware, Storage & Peripherals – 0.5%		
Dell International LLC and EMC Corp., 4.900%, 10-1-26 (C)	5,000	<u>5,672</u>
<b>Total Information Technology – 1.0%</b>		<b>12,529</b>
Materials		
Diversified Metals & Mining – 0.4%		
FMG Resources (August 2006) Pty Ltd., 4.375%, 4-1-31 (C)	4,500	<u>4,582</u>
<b>Total Materials – 0.4%</b>		<b>4,582</b>

**CORPORATE DEBT SECURITIES**

(Continued)	Principal	Value
Real Estate		
Specialized REITs – 0.3%		
American Tower Corp., 3.070%, 3-15-23 (C)	\$ 3,100	\$ 3,136
<b>Total Real Estate – 0.3%</b>		<b>3,136</b>
Utilities		
Electric Utilities – 5.4%		
Cleco Corporate Holdings LLC, 3.743%, 5-1-26 (E)	2,200	2,388
Entergy Mississippi, Inc., 3.250%, 12-1-27	2,750	2,944
Entergy Texas, Inc., 3.450%, 12-1-27	3,600	3,851
Eversource Energy, 3.800%, 12-1-23	3,550	3,836
Exelon Corp.: 4.050%, 4-15-30	2,500	2,786
4.700%, 4-15-50	3,340	4,000
Exelon Generation Co. LLC, 3.250%, 6-1-25	3,475	3,710
FirstEnergy Transmission LLC, 5.450%, 7-15-44 (C)	3,871	4,472
Florida Power & Light Co., 2.850%, 4-1-25	3,155	3,367
Florida Power & Light Co. (3-Month U.S. LIBOR plus 38 bps), 0.599%, 7-28-23 (D)	4,000	4,000
Indianapolis Power & Light Co., 4.700%, 9-1-45 (C)	3,150	3,682
IPALCO Enterprises, Inc., 3.700%, 9-1-24	2,650	2,862
MidAmerican Energy Co., 4.250%, 7-15-49	3,500	4,111
PacifiCorp, 3.300%, 3-15-51	3,335	3,288
PPL Capital Funding, Inc. (GTD by PPL Corp.) (3-Month LIBOR plus 266.5 bps), 2.864%, 3-30-67 (D)	4,972	4,660
Vistra Operations Co. LLC, 5.625%, 2-15-27 (C)	4,249	4,416
Xcel Energy, Inc., 3.500%, 12-1-49	6,850	<u>6,855</u>
		<u>65,228</u>
Gas Utilities – 1.2%		
AGL Capital Corp., 3.875%, 11-15-25	7,050	7,788
El Paso Natural Gas Co. LLC, 8.375%, 6-15-32 (E)	2,000	2,823
Piedmont Natural Gas Co., Inc., 3.350%, 6-1-50	4,400	<u>4,277</u>
		<u>14,888</u>
Independent Power Producers & Energy Traders – 0.8%		
AES Corp. (The): 3.300%, 7-15-25 (C)	1,365	1,449
1.375%, 1-15-26 (C)	3,730	3,635
3.950%, 7-15-30 (C)	3,670	<u>3,924</u>
		<u>9,008</u>

2021 ANNUAL REPORT 143

[Table of Contents](#)**SCHEDULE OF INVESTMENTS****IVY SECURIAN CORE BOND FUND** (in thousands)

MARCH 31, 2021

**CORPORATE DEBT SECURITIES**

(Continued)	Principal	Value
Multi-Utilities – 2.9%		
Ameren Corp., 3.500%, 1–15–31	\$ 6,775	\$ 7,190
Dominion Energy, Inc., 2.715%, 8–15–21 (E)	9,000	9,075
East Ohio Gas Co. (The): 1.300%, 6–15–25 (C) 3.000%, 6–15–50 (C)	3,375 4,110	3,365 3,796
Pacific Gas and Electric Co.: 1.750%, 6–16–22 4.500%, 7–1–40	4,800 6,359	4,807 6,452
		<u>34,685</u>
<b>Total Utilities – 10.3%</b>		<b>123,809</b>
<b>TOTAL CORPORATE DEBT SECURITIES – 45.7%</b>		<b>\$548,030</b>
(Cost: \$534,821)		

**MORTGAGE-BACKED SECURITIES**

(Continued)	Principal	Value
Commercial Mortgage-Backed Securities – 4.4%		
BAMLL Commercial Mortgage Securities Trust 2014-520M, Class A (Mortgage spread to 10-year U.S. Treasury index), 4.185%, 8–15–46 (C)(D)	4,130	4,527
Citigroup Commercial Mortgage Trust, Commercial Mortgage Pass-Through Certificates, Series 2018-TBR, Class A (1-Month U.S. LIBOR plus 83 bps), 0.936%, 12–15–36 (C)(D)	10,000	9,963
Credit Suisse Mortgage Capital Trust, Series 2014-USA, Class A-1, 3.304%, 9–15–37 (C)	1,340	1,369
Credit Suisse Mortgage Capital Trust, Series 2017-HL1, Class A12 (Mortgage spread to 10-year U.S. Treasury index), 3.500%, 6–25–47 (C)(D)	4,775	4,871
GS Mortgage Securities Corp. Trust, Commercial Mortgage Pass-Through Certificates, Series 2012-BWTR (Mortgage spread to 5-year U.S. Treasury index), 3.440%, 11–5–34 (C)(D)	1,000	971
Hometown Commercial Trust, Commercial Mortgage-Backed Notes, Series 2007-1, 6.057%, 6–11–39 (C)	6	2
Invitation Homes Trust, Series 2018-SFR1 (1-Month U.S. LIBOR plus 125 bps), 1.358%, 3–17–37 (C)(D)	4,500	4,508
Invitation Homes Trust, Series 2018-SFR3, Class A (1-Month U.S. LIBOR plus 100 bps), 1.108%, 7–17–37 (C)(D)	4,544	4,552

**MORTGAGE-BACKED SECURITIES**

(Continued)	Principal	Value
Commercial Mortgage-Backed Securities (Continued)		
Invitation Homes Trust, Series 2018-SFR3, Class D (1-Month U.S. LIBOR plus 165 bps), 1.758%, 7–17–37 (C)(D)	\$ 5,000	\$ 5,018
JPMorgan Chase Comm Mortgage Securities Corp., Comm Mortgage Pass-Through Certs, Series 2016-JP4, Class A-4 (10-Year U.S. Treasury index plus 110 bps), 3.648%, 12–15–49 (D)	575	630
JPMorgan Chase Commercial Mortgage Securities Corp., Commercial Mortgage Pass-Through Certificates, Series 2017-JP5, Class A-5, 3.723%, 3–15–50	1,500	1,649
Mellon Residential Funding Corp., Series 1998-2, Class B-1, 6.750%, 6–25–28	1	1
UBS Commercial Mortgage Trust, Series 2017-C1, Class AS, 3.724%, 6–15–50	4,000	4,311
UBS Commercial Mortgage Trust, Series 2017-C6, Class A5, 3.580%, 12–15–50	7,000	7,638
UBS Commercial Mortgage Trust, Series 2017-C7, Class AS (Mortgage spread to 10-year U.S. Treasury index), 4.061%, 12–15–50 (D)	2,300	<u>2,559</u> <u>52,569</u>
Other Mortgage-Backed Securities – 13.1%		
Agate Bay Mortgage Loan Trust 2015-6, Class B1 (Mortgage spread to 10-year U.S. Treasury index), 3.629%, 9–25–45 (C)(D)	4,783	4,952
Agate Bay Mortgage Loan Trust 2016-1, Class B1 (Mortgage spread to 7-year U.S. Treasury index), 3.728%, 12–25–45 (C)(D)	5,586	5,486
Agate Bay Mortgage Loan Trust, Series 2013-1, Class B4 (Mortgage spread to 10-year U.S. Treasury index), 3.607%, 7–25–43 (C)(D)	1,810	1,795
Agate Bay Mortgage Loan Trust, Series 2015-5, Class B3 (Mortgage spread to 7-year U.S. Treasury index), 3.620%, 7–25–45 (C)(D)	2,273	2,322
Bear Stearns Mortgage Securities, Inc., Series 1996-6, Class B2, 8.000%, 11–25–29	24	23
Bellemeade Re Ltd., Series 2018-1A, Class M1B (1-Month U.S. LIBOR plus 160 bps), 1.709%, 4–25–28 (C)(D)	2,179	2,179
Bellemeade Re Ltd., Series 2020-4A, Class M2A (1-Month U.S. LIBOR plus 260 bps), 2.709%, 6–25–30 (C)(D)	4,000	4,000

**MORTGAGE-BACKED SECURITIES**

(Continued)	Principal	Value
Other Mortgage-Backed Securities (Continued)		
CHL Mortgage Pass-Through Trust, Series 2004-J4, 5.250%, 5–25–34	\$ 45	\$ 45
Citigroup Mortgage Loan Trust, Series 2018-RP1 (3-year U.S. Treasury index plus 60 bps): 3.500%, 10–25–43 (C)(D)	2,323	2,336
3.000%, 9–25–64 (C)(D)	2,400	2,474
COLT Funding LLC Mortgage Loan Trust, Series 2019-3, Class A1 (Mortgage spread to 2-year U.S. Treasury index), 2.764%, 8–25–49 (C)(D)	2,128	2,137
CommonBond Student Loan Trust, Series 2017-BGS, Class C, 1.200%, 3–25–52 (C)	2,300	2,293
Credit Suisse Mortgage Trust, Series 2013-7, Class B4 (Mortgage spread to 1-year U.S. Treasury index), 3.579%, 8–25–43 (C)(D)	2,893	2,923
Eagle Re Ltd., Series 2020-1, Class M1B (1-Month U.S. LIBOR plus 145 bps), 1.559%, 1–25–30 (C)(D)	10,721	10,558
Eagle Re Ltd., Series 2020-2, Class M1B (ICE LIBOR plus 400 bps), 4.109%, 10–25–30 (C)(D)	1,750	1,777
Earnest Student Loan Program LLC, Series 2016-D, Class A2, 2.720%, 1–25–41 (C)	1,485	1,488
Home Partners of America Trust, Series 2018-1, Class A (1-Month U.S. LIBOR plus 90 bps), 1.008%, 7–17–37 (C)(D)	3,374	3,379
Invitation Homes Trust, Series 2018-SFR4, Class C (1-Month U.S. LIBOR plus 140 bps), 1.508%, 1–17–38 (C)(D)	13,100	13,175
JPMorgan Mortgage Trust, Series 2004-A3, Class 4-A-2 (Mortgage spread to 10-year U.S. Treasury index), 3.268%, 7–25–34 (D)	7	7
JPMorgan Mortgage Trust, Series 2013-2, Class B3 (Mortgage spread to 7-year U.S. Treasury index), 3.608%, 5–25–43 (C)(D)	1,287	1,304
JPMorgan Mortgage Trust, Series 2013-2, Class B4 (Mortgage spread to 5-year U.S. Treasury index), 3.608%, 5–25–43 (C)(D)	802	802
JPMorgan Mortgage Trust, Series 2016-3, Class B3 (Mortgage spread to 7-year U.S. Treasury index), 3.324%, 10–25–46 (C)(D)	2,533	2,572

[Table of Contents](#)**SCHEDULE OF INVESTMENTS****IVY SECURIAN CORE BOND FUND** (in thousands)

MARCH 31, 2021

**MORTGAGE-BACKED SECURITIES**

(Continued)

	Principal	Value
Other Mortgage-Backed Securities (Continued)		
JPMorgan Mortgage Trust, Series 2017-4, Class A-13 (Mortgage spread to 10-year U.S. Treasury index):		
3.500%, 11-25-48 (C)(D)	\$ 6,553	\$6,669
2.500%, 8-25-51 (C)	6,000	5,863
Kubota Credit Owner Trust, Series 2020-2A, Class A2, 0.410%, 6-15-23 (C)	5,152	5,156
Morgan Stanley Bank of America Merrill Lynch Trust, Series 2016-C32, Class A-4, 3.720%, 12-15-49	320	353
Morgan Stanley Capital I Trust, Series 2012-STAR, Class B, 3.451%, 8-5-34 (C)	930	927
Multifamily Connecticut Avenue Securities Trust, Series 2019-01, Class M10 (1-Month U.S. LIBOR plus 325 bps), 3.359%, 10-15-49 (C)(D)	1,000	994
Multifamily Connecticut Avenue Securities Trust, Series 2019-01, Class M7 (1-Month U.S. LIBOR plus 170 bps), 1.809%, 10-15-49 (C)(D)	1,091	1,088
Navient Student Loan Trust, Series 2020-HA, Class A, 1.310%, 1-15-69 (C)	4,902	4,933
Navient Student Loan Trust, Series 2021-BA, Class A, 0.940%, 7-15-69 (C)	7,000	6,994
ONE Park Mortgage Trust, Series 2021-PARK, Class A (1-Month U.S. LIBOR plus 70 bps), 0.950%, 3-15-36 (C)(D)	7,500	7,474
PMT Credit Risk Transfer Trust, Series 2021-1R, Class A (1-Month U.S. LIBOR plus 290 bps), 3.015%, 2-27-24 (C)(D)	7,489	7,487
Progress Residential Trust, Series 2018-SFR3, Class C, 4.178%, 10-17-35 (C)	5,000	5,050
Prudential Home Mortgage Securities, Series 1994A, Class 5B (Mortgage spread to 2-year U.S. Treasury index), 6.730%, 4-28-24 (C)(D)	—*	—*
Prudential Home Mortgage Securities, Series 1994E, Class 5B (Mortgage spread to 2-year U.S. Treasury index), 7.639%, 9-28-24 (C)(D)	—*	—*
Radnor Re Ltd., Series 2020-1, Class M1B (1-Month U.S. LIBOR plus 145 bps), 1.559%, 2-25-30 (C)(D)	4,650	4,536
Salomon Brothers Mortgage Securities VII, Inc., Series 1997-HUD, Class B-2 (Mortgage spread to 3-year U.S. Treasury index), 3.407%, 12-25-30 (D)	736	126

**MORTGAGE-BACKED SECURITIES**

(Continued)

	Principal	Value
Other Mortgage-Backed Securities (Continued)		
Sequoia Mortgage Trust, Series 2012-5, Class B2 (Mortgage spread to 3-year U.S. Treasury index), 3.887%, 11-25-42 (D)	\$ 2,219	\$ 2,272
Sequoia Mortgage Trust, Series 2015-3, Class B1 (Mortgage spread to 7-year U.S. Treasury index), 3.717%, 7-25-45 (C)(D)	2,922	3,024
Shellpoint Co-Originator Trust, Series 2015-1, Class B3 (Mortgage spread to 7-year U.S. Treasury index), 3.811%, 8-25-45 (C)(D)	3,911	4,007
Sofi Mortgage Trust, Series 2016-1A, Class B2 (Mortgage spread to 2-year U.S. Treasury index), 3.124%, 11-25-46 (C)(D)	1,903	1,945
SoFi Professional Loan Program LLC, Series 2015-D, Class A-2, 2.720%, 10-27-36	1,383	1,404
SoFi Professional Loan Program LLC, Series 2017-D, Class A-2FX, 2.650%, 9-25-40	1,615	1,652
SoFi Professional Loan Program LLC, Series 2020-C, Class A-FX, 1.950%, 2-15-46 (C)	2,150	2,183
Structured Asset Mortgage Investments, Inc., Series 1998-2, Class B, 6.750%, 5-2-30	3	—*
Structured Asset Mortgage Investments, Inc., Series 1998-2, Class C, 6.750%, 5-2-30	2	—*
Towd Point Mortgage Trust, Series 2015-2, Class 2-M2 (Mortgage spread to 7-year U.S. Treasury index), 4.100%, 11-25-57 (C)(D)	7,050	7,585
Tricon American Homes Trust, Series 2020-SFR2, Class B, 1.832%, 11-17-39 (C)	2,475	2,408
Winwater Mortgage Loan Trust 2015-B1 (Mortgage spread to 10-year U.S. Treasury index), 3.766%, 8-20-45 (C)(D)	5,237	5,520
		<u>157,677</u>
<b>TOTAL MORTGAGE-BACKED SECURITIES –</b>	<b>17.5%</b>	<b>\$210,246</b>
(Cost: \$209,258)		

**MUNICIPAL BONDS – TAXABLE**

Alabama – 0.4%		
Muni Elec Auth of GA, Plant Vogtle Units 3 & 4 Proj M Bonds, Ser 2010A, 6.655%, 4-1-57	2,965	4,280

**MUNICIPAL BONDS – TAXABLE**

(Continued)

	Principal	Value
New York – 0.7%		
Port Auth of NY & NJ Consolidated Bonds, 168th Ser, 4.926%, 10-1-51	\$ 2,690	\$ 3,514
Port Auth of NY & NJ Consolidated Bonds, Ser 174, 4.458%, 10-1-62	3,710	4,581
		<u>8,095</u>
Washington – 0.1%		
Pub Util Dist No. 1, Douglas Cnty, WA, Wells Hydroelec Bonds, Ser 2010A, 5.450%, 9-1-40	1,205	1,586
<b>TOTAL MUNICIPAL BONDS – TAXABLE – 1.2%</b>		<b>\$13,961</b>
(Cost: \$11,263)		
<b>UNITED STATES GOVERNMENT AGENCY OBLIGATIONS</b>		
Mortgage-Backed Obligations – 9.0%		
Federal Home Loan Mortgage Corp. Agency REMIC/CMO, 5.300%, 1-15-33		
	35	41
Federal Home Loan Mortgage Corp. Agency REMIC/CMO (1-Month U.S. LIBOR plus 215 bps), 2.268%, 12-25-30 (C)(D)		
	5,000	4,997
Federal Home Loan Mortgage Corp. Agency REMIC/CMO (1-Month U.S. LIBOR plus 280 bps), 4.909%, 5-25-28 (D)		
	2,877	2,982
Federal Home Loan Mortgage Corp. Agency REMIC/CMO (1-Month U.S. LIBOR plus 330 bps), 3.409%, 10-25-27 (D)		
	10,483	10,686
Federal Home Loan Mortgage Corp. Agency REMIC/CMO (1-Month U.S. LIBOR plus 380 bps), 3.909%, 3-25-29 (D)		
	3,782	3,930
Federal Home Loan Mortgage Corp. Agency REMIC/CMO (1-Month U.S. LIBOR plus 445 bps), 4.559%, 4-25-30 (D)		
	1,250	1,272
Federal Home Loan Mortgage Corp. Agency REMIC/CMO (1-Month U.S. LIBOR plus 455 bps), 4.659%, 10-25-24 (D)		
	951	968
Federal Home Loan Mortgage Corp. Agency REMIC/CMO (1-Month U.S. LIBOR plus 515 bps), 5.259%, 11-25-28 (D)		
	2,648	2,758
Federal Home Loan Mortgage Corp. Agency REMIC/CMO (1-Month U.S. LIBOR plus 555 bps), 5.659%, 7-25-28 (D)		
	5,037	5,290
Federal Home Loan Mortgage Corp. Agency REMIC/CMO (1-Month U.S. LIBOR plus 95 bps), 1.059%, 10-25-29 (D)		
	5,700	5,583
Federal Home Loan Mortgage Corp. Agency REMIC/CMO (Mortgage spread to 30-year U.S. Treasury index), 4.000%, 8-25-56 (C)(D)		
	1,466	1,499

2021 ANNUAL REPORT 145

[Table of Contents](#)

# SCHEDULE OF INVESTMENTS

# IVY SECURIAN CORE BOND FUND *(in thousands)*

MARCH 31, 2021

UNITED STATES GOVERNMENT AGENCY OBLIGATIONS (Continued)	Principal	Value
Mortgage-Backed Obligations (Continued)		
Federal Home Loan Mortgage Corp.		
Agency REMIC/CMO (Mortgage spread to 7-year U.S. Treasury index), 4.000%, 7-25-56 (D)	\$ 5,830	\$5,896
Federal Home Loan Mortgage Corp. Fixed Rate Participation Certificates:		
3.500%, 5-25-45	1,425	1,421
3.000%, 10-25-46	399	381
Federal National Mortgage Association		
Agency REMIC/CMO (1-Month U.S. LIBOR plus 300 bps), 3.109%, 10-25-29 (D)	2,702	2,762
Federal National Mortgage Association		
Agency REMIC/CMO (1-Month U.S. LIBOR plus 365 bps), 3.759%, 9-25-29 (D)	1,748	1,796
Federal National Mortgage Association		
Agency REMIC/CMO (1-Month U.S. LIBOR plus 430 bps), 4.409%, 2-25-25 (D)	1,009	1,021
Federal National Mortgage Association		
Agency REMIC/CMO (1-Month U.S. LIBOR plus 440 bps), 4.509%, 1-25-24 (D)	2,375	2,428
Federal National Mortgage Association		
Agency REMIC/CMO (1-Month U.S. LIBOR plus 445 bps), 4.559%, 1-25-29 (D)	3,564	3,708
Federal National Mortgage Association		
Agency REMIC/CMO (1-Month U.S. LIBOR plus 550 bps), 5.609%, 9-25-29 (D)	2,650	2,853
Federal National Mortgage Association		
Fixed Rate Pass-Through Certificates:		
3.000%, 9-1-22	66	69
5.000%, 7-1-23	21	23
6.000%, 8-1-23	22	23
5.500%, 2-1-24	11	12
4.500%, 4-1-25	39	42
3.500%, 11-1-25	106	113
3.500%, 6-1-26	186	199
2.500%, 11-1-27	390	406
6.000%, 8-1-29	16	18
7.500%, 5-1-31	11	13
7.000%, 9-1-31	3	3
7.000%, 11-1-31	44	51
6.500%, 12-1-31	4	5
6.500%, 2-1-32	46	54
7.000%, 2-1-32	31	37
7.000%, 3-1-32	51	61
6.500%, 4-1-32	8	9
6.500%, 5-1-32	12	14
6.500%, 7-1-32	5	6
6.500%, 8-1-32	8	10
6.000%, 9-1-32	9	10
6.500%, 9-1-32	18	21
6.000%, 10-1-32	158	187
6.500%, 10-1-32	17	20
6.000%, 11-1-32	139	166

UNITED STATES GOVERNMENT AGENCY OBLIGATIONS (Continued)	Principal	Value
Mortgage-Backed Obligations (Continued)		
3.500%, 12-1-32	\$ 787	\$ 851
6.000%, 3-1-33	180	211
5.500%, 4-1-33	155	180
5.500%, 5-1-33	10	11
6.000%, 6-1-33	27	30
6.500%, 8-1-33	9	10
6.000%, 10-1-33	33	38
6.000%, 12-1-33	40	47
5.500%, 1-1-34	32	37
5.500%, 1-1-34	29	34
6.000%, 1-1-34	18	22
5.000%, 3-1-34	4	5
5.500%, 3-1-34	14	16
5.500%, 4-1-34	11	12
5.000%, 5-1-34	3	4
6.000%, 8-1-34	36	42
5.500%, 9-1-34	103	117
6.000%, 9-1-34	31	37
6.500%, 9-1-34	78	89
5.500%, 11-1-34	110	125
6.000%, 11-1-34	65	74
6.500%, 11-1-34	2	3
5.000%, 12-1-34	164	189
5.500%, 1-1-35	97	113
5.500%, 1-1-35	20	23
5.500%, 2-1-35	277	324
5.500%, 2-1-35	27	32
6.500%, 3-1-35	71	84
5.500%, 4-1-35	70	82
4.500%, 5-1-35	77	85
5.500%, 6-1-35	3	3
4.500%, 7-1-35	90	100
5.000%, 7-1-35	183	213
5.000%, 7-1-35	38	44
5.000%, 7-1-35	30	35
5.500%, 8-1-35	4	4
5.500%, 10-1-35	122	142
5.500%, 11-1-35	49	57
5.000%, 2-1-36	16	19
5.500%, 2-1-36	18	21
6.500%, 2-1-36	11	13
5.500%, 9-1-36	86	100
5.500%, 11-1-36	34	39
6.000%, 11-1-36	23	27
6.000%, 1-1-37	19	23
6.000%, 5-1-37	49	58
5.500%, 6-1-37	28	33
6.000%, 8-1-37	30	36
7.000%, 10-1-37	15	16
5.000%, 4-1-38	95	111
6.000%, 10-1-38	70	83
4.500%, 6-1-39	61	69
5.000%, 12-1-39	171	198
5.500%, 12-1-39	88	102
5.000%, 3-1-40	382	444
4.500%, 10-1-40	277	312
4.000%, 12-1-40	352	388
3.500%, 4-1-41	853	927
4.000%, 4-1-41	599	663
4.500%, 4-1-41	893	1,008
5.000%, 4-1-41	99	115
4.500%, 7-1-41	386	433

UNITED STATES GOVERNMENT AGENCY OBLIGATIONS (Continued)	Principal	Value
Mortgage-Backed Obligations (Continued)		
4.000%, 8-1-41	\$ 308	\$ 339
4.000%, 9-1-41	459	505
4.000%, 10-1-41	592	655
3.500%, 11-1-41	1,439	1,564
3.500%, 1-1-42	393	427
3.500%, 8-1-42	929	1,011
3.000%, 9-1-42	1,058	1,125
3.500%, 1-1-43	468	508
3.500%, 2-1-43	765	836
3.000%, 5-1-43	1,442	1,533
4.000%, 1-1-44	613	683
4.000%, 4-1-44	1,445	1,598
3.500%, 5-1-45	910	977
3.500%, 6-1-45	881	950
3.500%, 7-1-45	716	769
3.500%, 8-1-45	466	493
3.500%, 9-1-45	565	604
3.000%, 1-1-46	1,404	1,472
4.000%, 2-1-47	356	386
Government National Mortgage Association Agency REMIC/CMO:		
0.643%, 7-16-40 (F)	10	—*
0.004%, 6-17-45 (F)	172	—*
Government National Mortgage Association Fixed Rate Pass-Through Certificates:		
6.250%, 7-15-24	19	21
4.000%, 8-20-31	367	407
5.000%, 7-15-33	52	60
5.000%, 7-15-34	45	51
5.500%, 12-15-34	59	68
5.000%, 1-15-35	74	86
3.250%, 11-20-35	442	468
5.000%, 12-15-35	117	133
4.000%, 6-20-36	605	654
5.500%, 7-15-38	63	74
5.500%, 10-15-38	84	99
5.000%, 12-15-39	64	73
5.000%, 1-15-40	362	422
4.500%, 6-15-40	191	216
5.000%, 7-15-40	63	72
4.000%, 12-20-40	282	313
4.000%, 1-15-41	281	311
4.000%, 10-15-41	158	175
3.500%, 10-20-43	685	743
4.000%, 12-20-44	228	252
3.500%, 2-20-45	928	1,002
3.000%, 3-15-45	1,638	1,717
3.500%, 4-20-46	381	407
U.S. Department of Veterans Affairs, Guaranteed REMIC Pass-Through Certificates, Vendeo Mortgage Trust, Series 1995-1, Class 2, 7.793%, 2-15-25	4	5
U.S. Dept of Veterans Affairs, Gtd REMIC Pass-Through Certs, Vendeo Mortgage Trust, Series 1995-1, Class 1 (Mortgage spread to 3-year U.S. Treasury index), 6.156%, 2-15-25 (D)	23	25

[Table of Contents](#)**SCHEDULE OF INVESTMENTS****IVY SECURIAN CORE BOND FUND** (in thousands)

MARCH 31, 2021

**UNITED STATES GOVERNMENT  
AGENCY OBLIGATIONS**

(Continued)	Principal	Value
Mortgage-Backed Obligations (Continued)		
Uniform Mortgage Back Security:		
5.000%, 4-1-23	\$ 30	\$ 32
3.500%, 8-1-26	181	194
2.500%, 3-1-28	229	240
2.500%, 4-1-28	214	224
5.000%, 5-1-29	17	19
3.500%, 5-1-32	520	559
6.500%, 9-1-32	14	16
6.000%, 11-1-33	22	26
5.500%, 5-1-34	193	224
6.500%, 5-1-34	72	85
5.500%, 6-1-34	54	63
5.000%, 9-1-34	—*	—*
5.500%, 9-1-34	2	2
5.500%, 10-1-34	100	117
5.500%, 7-1-35	24	28
5.000%, 8-1-35	20	24
5.500%, 10-1-35	29	34
5.000%, 11-1-35	61	71
5.000%, 12-1-35	14	16
6.500%, 7-1-36	7	8
7.000%, 12-1-37	20	23
5.500%, 3-1-38	100	118
5.500%, 2-1-39	143	168
5.000%, 11-1-39	57	66
5.000%, 1-1-40	388	451
5.000%, 4-1-40	76	88
5.000%, 8-1-40	85	97
4.000%, 10-1-40	205	227
4.000%, 11-1-40	365	407
4.500%, 1-1-41	252	280
4.000%, 2-1-41	704	779

**UNITED STATES GOVERNMENT**

AGENCY OBLIGATIONS (Continued)	Principal	Value
Mortgage-Backed Obligations (Continued)		
4.000%, 3-1-41	\$ 230	\$ 254
4.500%, 3-1-41	153	173
4.500%, 4-1-41	481	542
4.000%, 6-1-41	260	288
4.000%, 8-1-41	131	144
4.000%, 11-1-41	1,568	1,725
3.000%, 8-1-42	640	681
3.500%, 8-1-42	635	690
3.000%, 1-1-43	831	884
3.000%, 2-1-43	1,047	1,117
		108,080
<b>TOTAL UNITED STATES GOVERNMENT AGENCY OBLIGATIONS – 9.0%</b>		<b>\$108,080</b>
(Cost: \$106,589)		
<b>UNITED STATES GOVERNMENT OBLIGATIONS</b>		
Treasury Obligations – 11.8%		
U.S. Treasury Bonds:		
5.375%, 2-15-31 (G)	4,940	6,609
1.125%, 8-15-40	6,228	5,064
1.875%, 2-15-41	7,500	6,983
1.625%, 11-15-50	12,275	10,228
U.S. Treasury Notes:		
1.750%, 12-31-24	2,350	2,452
1.375%, 1-31-25	5,000	5,145
0.375%, 12-31-25	28,045	27,389
0.375%, 1-31-26	2,000	1,950
0.500%, 2-28-26	7,545	7,398
0.625%, 12-31-27	37,000	35,232

**UNITED STATES GOVERNMENT**

OBLIGATIONS (Continued)	Principal	Value
Treasury Obligations (Continued)		
0.750%, 1-31-28	\$ 6,300	\$ 6,040
1.125%, 2-29-28	10,000	9,825
1.125%, 2-15-31 (B)	18,125	17,125
		141,440
<b>TOTAL UNITED STATES GOVERNMENT OBLIGATIONS – 11.8%</b>		<b>\$ 141,440</b>
(Cost: \$144,593)		
<b>SHORT-TERM SECURITIES</b>	<b>Shares</b>	
Money Market Funds (I) – 1.5%		
Dreyfus Institutional Preferred Government Money Market Fund – Institutional Shares, 0.010% (H)	2,274	2,274
State Street Institutional U.S. Government Money Market Fund – Premier Class, 0.040%	15,562	15,562
		17,836
<b>TOTAL SHORT-TERM SECURITIES – 1.5%</b>		<b>\$ 17,836</b>
(Cost: \$17,836)		
<b>TOTAL INVESTMENT SECURITIES – 99.6%</b>		<b>\$1,194,878</b>
(Cost: \$1,177,363)		
<b>CASH AND OTHER ASSETS, NET OF LIABILITIES – 0.4%</b>		<b>4,410</b>
<b>NET ASSETS – 100.0%</b>		<b>\$1,199,288</b>

**Notes to Schedule of Investments**

\*Not shown due to rounding.

(A)Listed on an exchange outside the United States.

(B)All or a portion of securities with an aggregate value of \$11,411 are on loan.

(C)Securities were purchased pursuant to an exemption from registration available under Rule 144A under the Securities Act of 1933 and may only be resold in transactions exempt from registration, normally to qualified institutional buyers. At March 31, 2021 the total value of these securities amounted to \$416,551 or 34.7% of net assets.

(D)Variable rate security. Interest rate disclosed is that which is in effect at March 31, 2021. Description of the reference rate and spread, if applicable, are included in the security description.

(E)Step bond that pays an initial coupon rate for the first period and then a higher or lower coupon rate for the following periods. Interest rate disclosed is that which is in effect at March 31, 2021.

(F)Interest-only security. Amount shown as principal represents notional amount for computation of interest.

(G)All or a portion of securities with an aggregate value of \$3,813 have been pledged as collateral on open futures contracts.

(H)Investment made with cash collateral received from securities on loan.

(I)Rate shown is the annualized 7-day yield at March 31, 2021.

[Table of Contents](#)**SCHEDULE OF INVESTMENTS****IVY SECURIAN CORE BOND FUND** *(in thousands)*

MARCH 31, 2021

The following futures contracts were outstanding at March 31, 2021 (contracts unrounded):

Description	Type	Number of Contracts	Expiration Date	Notional Amount	Value	Unrealized Appreciation (Depreciation)
U.S. 10-Year Ultra Treasury Note	Short	273	6-30-21	27,300	\$ (39,227)	\$ 1,377
U.S. 5-Year Treasury Note	Long	553	6-30-21	55,300	68,239	(835)
U.S. Treasury Long Bond	Long	519	6-30-21	51,900	80,234	(3,237)
U.S. Treasury Ultra Long Bond	Short	62	6-30-21	6,200	(11,235)	567
					\$ 98,011	\$ (2,128)

The following table is a summary of the valuation of the Fund's investments by the fair value hierarchy levels as of March 31, 2021. See Note 3 to the Financial Statements for further information regarding fair value measurement.

	Level 1	Level 2	Level 3
<b>Assets</b>			
Investments in Securities			
Preferred Stocks	\$ 7,064	\$ —	\$ —
Asset-Backed Securities	—	148,221	—
Corporate Debt Securities	—	548,030	—
Mortgage-Backed Securities	—	210,246	—
Municipal Bonds	—	13,961	—
United States Government Agency Obligations	—	108,080	—
United States Government Obligations	—	141,440	—
Short-Term Securities	17,836	—	—
Total	\$ 24,900	\$ 1,169,978	\$ —
Futures Contracts	\$ 1,944	\$ —	\$ —
<b>Liabilities</b>			
Futures Contracts	\$ 4,072	\$ —	\$ —

The following acronyms are used throughout this schedule:

CMO = Collateralized Mortgage Obligation

GTD = Guaranteed

LIBOR = London Interbank Offered Rate

REIT = Real Estate Investment Trust

REMIC = Real Estate Mortgage Investment Conduit

See Accompanying Notes to Financial Statements.

[Table of Contents](#)**MANAGEMENT DISCUSSION****IVY SMALL CAP CORE FUND**

(UNAUDITED)



Kenneth G. Gau

*Below, Kenneth G. Gau, portfolio manager of Ivy Small Cap Core Fund, discusses positioning, performance and results for the fiscal year ended March 31, 2021. Mr. Gau has managed the Fund since 2014, and has 28 years of industry experience.*

**Fiscal year Performance**

For the 12 Months Ended March 31, 2021

<b>Ivy Small Cap Core Fund (Class A shares at net asset value)</b>	74.15%
<b>Ivy Small Cap Core Fund (Class A shares, including sales charges)</b>	68.01%
<b>Benchmark and Morningstar Category</b>	
<b>Russell 2000 Index</b>	94.85%
<i>(Generally reflects the performance of small-company stocks)</i>	
<b>Morningstar Small Blend Category Average</b>	89.31%
<i>(Generally reflects the performance of the universe of funds with similar investment objectives)</i>	

*Please note that Fund returns include applicable fee and expenses while index returns do not include any such fees. The performance discussion below is at net asset value (NAV).*

**Key Factors**

More than a year has passed since the COVID-19 pandemic began in earnest in the U.S., and it is a year that will not soon be forgotten by those who experienced it. Businesses and offices were forced to close or restrict their activities in an effort to stop the spread of the disease, cratering economic activity and triggering massive government response. Congress passed around \$3.3 trillion in fiscal stimulus in 2020 and an additional \$1.9 trillion so far in 2021, the Federal Reserve (Fed) has increased its balance sheet by 90% and governments around the globe implemented similar plans to varying degrees of magnitude. As the pandemic forced consumers inside their homes, the shape of spending changed drastically with a shift to goods at the expense of services as many services became inaccessible. This spike in demand for goods drove massive disruptions in supply chains and logistics across many industries, especially when coupled with onerous restrictions on businesses early in the pandemic and a global supply chain that had become more interconnected, more just-in-time oriented, and more complex. The current shortages in semiconductors and bottlenecks in shipping are just the latest iteration of this disruption.

This record level of support kickstarted one of the most powerful 12-month rallies in the history of the Russell 2000 Index, with the index up nearly 95% on a total return basis for the year ending March 31, 2021. The performance was an amazing result given the high amount of economic, social, and political unrest and uncertainty that characterized the year. After the initial bounce-back in the second calendar quarter of 2020, gains were relatively more muted in third calendar quarter as markets debated the timing and efficacy of vaccines and treatments for COVID-19. The market got its answer on November 9 when Pfizer released better than expected vaccine efficacy, followed closely by Moderna and later by Johnson & Johnson. As production and distribution ramped, the Russell 2000 Index rallied 36% and the yield on the 10-year U.S. Treasury bond rose 92 basis points since that date. Investors have positioned themselves for higher growth given the anticipated reopening and higher inflation based on the stimulus efforts and aforementioned supply chain disruptions.

Rising rates and broadening economic growth expectations have proven positive for small cap stock sentiment, as ETF inflows into the category were the highest ever over a 12-month timespan. This type of positive sentiment is reflected in 1-year sector performance within the Russell 2000 Index as cyclical sectors like consumer discretionary (+200%), energy (+139.6%), and materials (+129.9%) led the index, while more defensive areas such as utilities (+16.9%), real estate (+56.4%), and communication services (+67.7%) trailed.

While we are clearly not out of the woods with the pandemic given recurring lockdowns in Europe, virus variants, and global vaccine rollout hiccups, we are drawing nearer to a resumption of normal life. Investors are positioning for this rebound as evidenced by the furious rally from the bottom, but the question will be whether the expectations can be met. As the reopening uncertainty starts to clear over the coming months and quarters, some companies will exceed expectations and some will fail to meet them, but the return of a more normal cadence of business should help the market be more driven by fundamental business performance as opposed to the more thematic and macro-driven trading we have seen over the last year.

**Contributors and Detractors**

For the fiscal year ending March 31, 2021, the Fund lagged its benchmark and peers as the recovery in stocks took hold at a much faster pace than we had anticipated. The defensive stocks that drove relative outperformance late in the Fund's fiscal 2020 quickly flipped to underperformance as the fiscal and monetary stimulus-fueled rally took hold early in fiscal 2021.

[Table of Contents](#)

Over the course of the last 12 months, smaller, more levered and higher beta stocks outperformed fairly significantly. While this early-cycle market behavior began to ease somewhat in first quarter of calendar year 2021, the environment for most of the year was not necessarily ideal for the higher quality, lower beta stocks to which the Fund typically gravitates.

Stock selection struggled for the year and accounted for the majority of the underperformance. The 20 largest average holdings were a significant drag as the strategy was positioned more defensively than the benchmark and this was reflected in the higher-weighted stocks. From a sector perspective, financials led the way with 3.0% of positive attribution, followed by real estate (+0.5%) and utilities (+0.5%). Health care (-5.7%) was the largest detractor, followed by industrials (-5.6%) and consumer staples (-4.1%).

The additions the Fund had begun to make to cyclical companies over the past few quarters started to be rewarded in the beginning of calendar year 2021. Predicted beta remains higher than usual (5 year average beta for the Fund has been just under 0.9 and now we are in the mid-0.9 range) as we expect the benefits from stimulus and reopening to boost more economically sensitive areas for at least several more quarters as we see outsized economic growth.

## Outlook

With vaccination progress continuing, some answers around how the economy will emerge from the pandemic will soon become clearer. Industries that may have been permanently transformed may be overlooked as the market has gotten excited about stocks that stand to benefit from reopening. The normalization of the economy post-pandemic will create opportunities as perceptions and realities get recalibrated.

The start to calendar year 2021 was encouraging relative to the benchmark, and we hope to build off that throughout the upcoming year and over the rest of the cycle through our commitment to identifying quality, underappreciated companies and constructing them thoughtfully into the Fund.

**Performance shown at NAV does not include the effect of sales charges. If reflected, the performance shown would have been lower. Performance including sales charges reflects the maximum applicable front-end sales load and thus the lowest possible performance after sales charges; your sales charges could be lower.**

**Past performance is not a guarantee of future results. The value of the Fund's shares will change, and you could lose money on your investment.**

**Investing in small-cap growth and value stocks may carry more risk than investing in stocks of larger, more well-established companies. Growth stocks may be more volatile or not perform as well as value stocks or the stock market in general. Value stocks are stocks of companies that may have experienced adverse developments or may be subject to special risks that have caused the stocks to be out of favor and, in the opinion of the Fund's manager, undervalued. Such security may never reach what the manager believes to be its full value, or such security's value may decrease. These and other risks are more fully described in the Fund's prospectus.**

**The opinions expressed in this report are those of the Fund's portfolio manager and are current only through the end of the period of the report as stated on the cover. The manager's views are subject to change at any time based on market and other conditions, and no forecasts can be guaranteed.**

**The index noted is unmanaged, includes reinvested dividends and does not include fees. One cannot invest directly in an index, nor is an index representative of Ivy Small Cap Core Fund.**

[Table of Contents](#)**PORTFOLIO HIGHLIGHTS****IVY SMALL CAP CORE FUND**

ALL DATA IS AS OF MARCH 31, 2021 (UNAUDITED)

**Asset Allocation**

<b>Stocks</b>	<b>99.2%</b>
Industrials	20.7%
Health Care	18.5%
Financials	17.6%
Consumer Discretionary	17.1%
Information Technology	13.4%
Materials	6.0%
Communication Services	3.1%
Energy	1.9%
Consumer Staples	0.9%
<b>Liabilities (Net of Cash and Other Assets), and Cash Equivalents+</b>	<b>0.8%</b>

**Top 10 Equity Holdings**

<b>Company</b>	<b>Sector</b>	<b>Industry</b>
2U, Inc.	Information Technology	Application Software
Encompass Health Corp.	Health Care	Health Care Facilities
Skechers USA, Inc.	Consumer Discretionary	Footwear
Beacon Roofing Supply, Inc.	Industrials	Trading Companies & Distributors
Triton International Ltd.	Industrials	Trading Companies & Distributors
Regal-Beloit Corp.	Industrials	Electrical Components & Equipment
LPL Investment Holdings, Inc.	Financials	Investment Banking & Brokerage
Pinnacle Financial Partners, Inc.	Financials	Regional Banks
Envista Holdings Corp.	Health Care	Health Care Equipment
Webster Financial Corp.	Financials	Regional Banks

See your advisor or [www.ivyinvestments.com](http://www.ivyinvestments.com) for more information on the Fund's most recently published Top 10 Equity Holdings.

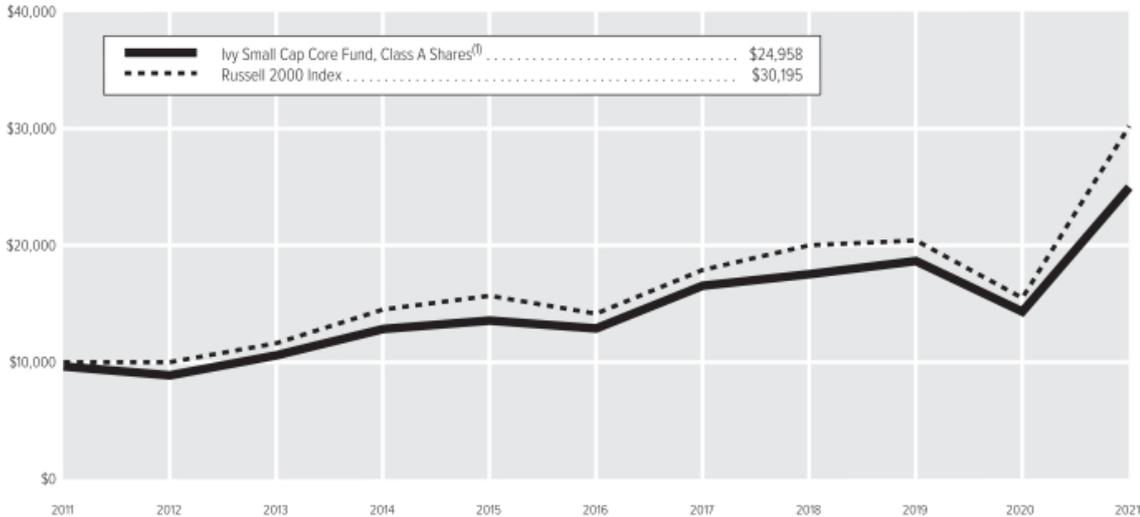
+Cash equivalents are defined as highly liquid securities with maturities of less than three months. Cash equivalents may include U.S. Government Treasury bills, bank certificates of deposit, bankers' acceptances, corporate commercial paper and other money market instruments.

[Table of Contents](#)

## COMPARISON OF CHANGE IN VALUE OF \$10,000 INVESTMENT

## IVY SMALL CAP CORE FUND

(UNAUDITED)



Please note that the performance of the Fund's other share classes will be greater or less than the performance shown above for Class A based on the differences in loads and fees paid by shareholders investing in the different classes.

(1) The value of the investment in the Fund is impacted by the sales load at the time of the investment and by the ongoing expenses of the Fund and assumes reinvestment of dividends and distributions.

Average Annual Total Return(2)	Class A(3)	Class B(4)	Class C	Class I	Class N	Class R	Class Y
1-year period ended 3-31-21	68.01%	68.35%	72.81%	75.04%	74.96%	73.71%	74.23%
5-year period ended 3-31-21	13.34%	12.97%	13.37%	14.65%	14.73%	13.88%	14.26%
10-year period ended 3-31-21	9.58%	9.10%	9.37%	10.48%	—	—	10.14%
Since Inception of Class through 3-31-21(5)	—	—	—	—	11.40%	12.33%	—

(2) Data quoted is past performance and is based on deduction of the maximum applicable sales load for each of the periods. Current performance may be lower or higher. Past performance is no guarantee of future results. Investment return and principal value of an investment will fluctuate and shares, when redeemed, may be worth more or less than their original cost. Please visit [www.ivyinvestments.com](http://www.ivyinvestments.com) for the Fund's most recent month end performance. Class A Shares carry a maximum front-end sales load of 3.50%(a). Class B and Class C shares carry a maximum contingent deferred sales charge (CDSC) of 5% and 1%, respectively (the Class C shares reflect no CDSC since it only applies to Class C shares redeemed within twelve months after purchase). Class I, Class N, Class R and Class Y shares are not subject to sales charges.

(3) Class A shares carry a CDSC on shares purchased at net asset value for \$1 million or more that are subsequently redeemed within 12 months of purchase. Effective October 1, 2020, Class A shares carry a CDSC on shares purchased at net asset value for \$500,000 or more that are subsequently redeemed within 12 months of purchase.

(4) Class B shares are not currently available for direct investment. However, they are available for dividend reinvestment and exchange of the same class shares of another Ivy Fund.

(5) 7-31-14 for Class N shares and 12-19-12 for Class R shares (the date on which shares were first acquired by shareholders).

Past performance is not necessarily indicative of future performance. Indexes are unmanaged. The performance graph and table do not reflect the deduction of taxes that a shareholder would pay on Fund distributions or on the redemption of Fund shares. Performance results may include the effect of expense reduction arrangements for some or all of the periods shown. If those arrangements had not been in place, the performance results for those periods would have been lower.

(a) Effective October 1, 2020, the maximum applicable sales charge for Class A shares has been lowered to 3.50% from 5.75%.

[Table of Contents](#)**SCHEDULE OF INVESTMENTS****IVY SMALL CAP CORE FUND** (in thousands)

MARCH 31, 2021

<b>COMMON STOCKS</b>	<b>Shares</b>	<b>Value</b>	<b>COMMON STOCKS (Continued)</b>	<b>Shares</b>	<b>Value</b>	<b>COMMON STOCKS (Continued)</b>	<b>Shares</b>	<b>Value</b>
<b>Communication Services</b>			<b>Regional Banks – 10.4%</b>			<b>Electrical Components &amp; Equipment – 2.6%</b>		
Interactive Media & Services – 3.1%			BankUnited, Inc.	255	\$ 11,216	Regal-Beloit Corp.	139	\$ 19,831
Groupon, Inc. (A)	123	\$ 6,200	First Horizon Corp.	785	13,274	Environmental & Facilities Services – 1.8%		
TripAdvisor, Inc. (A)	318	17,097	Pinnacle Financial Partners, Inc.	215	19,079	Clean Harbors, Inc. (A)	162	13,651
		<u>23,297</u>	TCF Financial Corp.	362	16,816	Industrial Machinery – 1.1%		
			Webster Financial Corp.	340	18,754	Kornit Digital Ltd. (A)	83	8,244
<b>Total Communication Services – 3.1%</b>		<b>23,297</b>			<u>79,139</u>	Marine – 0.8%		
<b>Consumer Discretionary</b>			<b>Specialized Finance – 1.2%</b>			<b>Marine – 0.8%</b>		
Apparel Retail – 4.7%			Vesper Healthcare Acquisition Corp., Class A (A)(B)	853	9,208	Kirby Corp. (A)	102	6,120
American Eagle Outfitters, Inc.	303	8,848	Thrifits & Mortgage Finance – 2.4%			Research & Consulting Services – 1.8%		
Boot Barn Holdings, Inc. (A)	152	9,469	Essent Group Ltd.	389	18,466	ICF International, Inc.	156	13,633
Gap, Inc. (The)	591	17,592				Trading Companies & Distributors – 5.5%		
		<u>35,909</u>	<b>Total Financials – 17.6%</b>		<b>133,707</b>	Beacon Roofing Supply, Inc. (A)	409	21,385
Auto Parts & Equipment – 3.1%			<b>Health Care</b>			Triton International Ltd.	375	20,629
Dana Holding Corp.	292	7,111	Biotechnology – 4.2%					<u>42,014</u>
Visteon Corp. (A)	133	16,216	ChemoCentryx, Inc. (A)	56	2,852	Trucking – 2.9%		
		<u>23,327</u>	Halozyne Therapeutics, Inc. (A)	378	15,739	Knight Transportation, Inc.	323	15,547
Automotive Retail – 2.4%			Insmed, Inc. (A)	161	5,467	Yellow Corp. (A)	707	6,212
Murphy USA, Inc.	89	12,843	Vericel Corp. (A)(B)	145	8,050			<u>21,759</u>
Vroom, Inc. (A)	131	5,124			<u>32,108</u>	<b>Total Industrials – 20.7%</b>		<b>157,413</b>
		<u>17,967</u>	Health Care Equipment – 2.9%			Information Technology		
Footwear – 3.0%			Cryoport, Inc. (A)	59	3,059	Application Software – 4.2%		
Skechers USA, Inc. (A)	540	22,509	Envista Holdings Corp. (A)	462	18,857	2U, Inc. (A)	640	24,455
Home Furnishings – 0.3%					<u>21,916</u>	Q2 Holdings, Inc. (A)	77	7,737
Purple Innovation, Inc. (A)	84	2,646	Health Care Facilities – 3.1%					<u>32,192</u>
Homebuilding – 2.2%			Encompass Health Corp.	286	23,455	Data Processing & Outsourced Services – 2.2%		
TopBuild Corp. (A)	80	16,826	Health Care Supplies – 2.5%			EVERTEC, Inc.	440	16,358
Restaurants – 1.4%			SI-BONE, Inc. (A)	314	9,981	Electronic Components – 1.0%		
Brinker International, Inc.	152	10,823	Sientra, Inc. (A)	1,241	9,044	Knowles Corp. (A)	359	7,511
		<u>10,823</u>			<u>19,025</u>	Internet Services & Infrastructure – 1.6%		
<b>Total Consumer Discretionary – 17.1%</b>		<b>130,007</b>	Health Care Technology – 2.5%			Switch, Inc., Class A	732	11,898
<b>Consumer Staples</b>			Tabula Rasa HealthCare, Inc. (A)(B)	407	18,747	Semiconductor Equipment – 1.7%		
Agricultural Products – 0.9%			Life Sciences Tools & Services – 1.9%			Brooks Automation, Inc.	159	12,944
Darling International, Inc. (A)	99	7,262	Maravai LifeSciences Holdings, Inc., Class A (A)	398	14,189	Semiconductors – 0.8%		
		<u>7,262</u>	Managed Health Care – 0.5%			Allegro MicroSystems, Inc. (A)	236	5,987
<b>Total Consumer Staples – 0.9%</b>		<b>7,262</b>	HealthEquity, Inc. (A)	55	3,745	Systems Software – 1.9%		
<b>Energy</b>			Pharmaceuticals – 0.9%			Varonis Systems, Inc. (A)	286	14,678
Oil & Gas Equipment & Services – 0.5%			Pacira Pharmaceuticals, Inc. (A)	103	7,212	<b>Total Information Technology – 13.4%</b>		<b>101,568</b>
TechnipFMC plc (A)	506	3,903	<b>Total Health Care – 18.5%</b>		<b>140,397</b>	Materials		
Oil & Gas Exploration & Production – 1.4%			Industrials			Commodity Chemicals – 2.4%		
Cimarex Energy Co.	173	10,255	Agricultural & Farm Machinery – 1.9%			Cabot Corp.	349	18,284
		<u>10,255</u>	AGCO Corp.	99	14,247	Diversified Chemicals – 1.3%		
<b>Total Energy – 1.9%</b>		<b>14,158</b>	Construction & Engineering – 2.3%			Huntsman Corp.	349	10,072
<b>Financials</b>			Valmont Industries, Inc.	75	17,914			
Investment Banking & Brokerage – 2.6%								
LPL Investment Holdings, Inc.	137	19,407						
Property & Casualty Insurance – 1.0%								
Kemper Corp.	94	7,487						

2021 ANNUAL REPORT 153

[Table of Contents](#)**SCHEDULE OF INVESTMENTS**IVY SMALL CAP CORE FUND *(in thousands)*

MARCH 31, 2021

<b>COMMON STOCKS (Continued)</b>	<b>Shares</b>	<b>Value</b>	<b>SHORT-TERM SECURITIES (Continued)</b>	<b>Shares</b>	<b>Value</b>
Specialty Chemicals – 2.3%			Money Market Funds (D) (Continued)		
Element Solutions, Inc.	937	\$ 17,130	State Street Institutional U.S. Government Money Market Fund – Premier Class, 0.040%	5,323	\$ 5,323
<b>Total Materials – 6.0%</b>		<b>45,486</b>			<u>8,954</u>
<b>TOTAL COMMON STOCKS – 99.2%</b>		<b>\$753,295</b>	<b>TOTAL SHORT-TERM SECURITIES – 1.2%</b>		<b>\$ 8,954</b>
(Cost: \$549,397)			(Cost: \$8,954)		
<b>SHORT-TERM SECURITIES</b>			<b>TOTAL INVESTMENT SECURITIES – 100.4%</b>		<b>\$762,249</b>
Money Market Funds (D) – 1.2%			(Cost: \$558,351)		
Dreyfus Institutional Preferred Government Money Market Fund – Institutional Shares, 0.010% (C)	3,631	3,631	<b>LIABILITIES, NET OF CASH AND OTHER ASSETS</b>		
			– (0.4)%		(2,674)
			<b>NET ASSETS – 100.0%</b>		<b>\$759,575</b>

**Notes to Schedule of Investments**

- (A) No dividends were paid during the preceding 12 months.
- (B) All or a portion of securities with an aggregate value of \$3,555 are on loan.
- (C) Investment made with cash collateral received from securities on loan.
- (D) Rate shown is the annualized 7-day yield at March 31, 2021.

The following table is a summary of the valuation of the Fund's investments by the fair value hierarchy levels as of March 31, 2021. See Note 3 to the Financial Statements for further information regarding fair value measurement.

	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>
<b>Assets</b>			
Investments in Securities			
Common Stocks	\$ 753,295	\$ —	\$ —
Short-Term Securities	8,954	—	—
Total	<u>\$ 762,249</u>	<u>\$ —</u>	<u>\$ —</u>

See Accompanying Notes to Financial Statements.

[Table of Contents](#)**MANAGEMENT DISCUSSION****IVY SMALL CAP GROWTH FUND**

(UNAUDITED)



Timothy J. Miller

Below, Bradley P. Halverson, CFA, Kenneth G. McQuade and Timothy J. Miller, CFA, co-portfolio managers of Ivy Small Cap Growth Fund, discuss positioning, performance and results for the fiscal year ended March 31, 2021. Mr. Miller has managed the Fund since 2010, and has 42 years of investment experience. Mr. Halverson and Mr. McQuade assumed co-manager responsibility in 2016. Mr. McQuade has 25 years of industry experience, and Mr. Halverson has 19 years of industry experience.

**Fiscal Year Performance**

For the 12 Months Ended March 31, 2021

<b>Ivy Small Cap Growth Fund (Class A shares at net asset value)</b>	84.34%
<b>Ivy Small Cap Growth Fund (Class A shares including sales charges)</b>	77.90%

Benchmark and Morningstar Category

<b>Russell 2000 Growth Index</b>	90.20%
----------------------------------	--------

(Generally reflects the performance of small-company growth stocks)

<b>Morningstar Small Growth Category Average</b>	95.97%
--	--------

(Generally reflects the performance of the universe of funds with similar investment objectives)

Please note that Fund returns include applicable fees and expenses while index returns do not include any such fees. The performance discussion below is at net asset value (NAV).

**Key drivers**

This report encapsulates the 12-month measurement period of the Fund from the onset of the pandemic to the rollout of the vaccine — from a closed U.S. economy to an open U.S. economy (at least partially) and from a time of despair to a time of newly found optimism. More specifically, the small-cap growth market started its correction in late February 2020. It then fell sharply through March 18, 2020 and then proceeded to launch a spectacular rally through the middle of February 2021, whereupon a modest correction ensued through the end of March 2021. At the beginning of the Fund's fiscal year, the market had seen its correction and was beginning to launch a powerful surge that generated spectacular gains for the measurement period.



Kenneth G. McQuade



Brad Halverson

With 2020 "hindsight," we see that the rather immediate and sharp reactions of the Federal Reserve (Fed) and U.S. government (by way of fiscal stimulus) to the pandemic provided sufficient confidence for the market to foresee a favorable risk/reward scenario once the correction had taken place. The amazing foresight of the market once again was difficult to believe during the period when the pandemic case counts and fatalities were surging in March/April of 2020.

For the 12-month measurement period, the Russell 2000 Growth Index (the Fund's benchmark) nearly doubled, rising 90% and exceeding the corresponding Russell large- and mid-cap growth indexes. The winner over the fiscal period, however, was the small-cap value sector, which eclipsed small-cap growth during the timeframe.

**Contributors and detractors**

The Fund was impacted by the rotation to value stocks and cyclical laggards during the fiscal year. For the 12-month measurement period, the Fund generated an 84.3% return versus the 90.2% return of the benchmark.

Strong performance was generated in the first seven months of the fiscal period, but the combination of the aforementioned cyclical rally in addition to speculative surges in green energy and biotechnology stocks caused a shortfall over the balance of the fiscal year. There were so many micro trends occurring throughout the fiscal year that were tempting distractions. The onset of the pandemic caused a rush to companies that were actually benefiting from the crisis such as telehealth companies, work-from-home technology beneficiaries, food delivery companies, stimulus winners, etc. This situation was followed by a "re-opening" trade away from the COVID-19 beneficiaries toward the COVID-19 losers who would prosper as the U.S. economy recovered. That trend then abruptly halted in the fall of 2020 as a large second-wave of COVID-19 cases emerged. In the meantime, an incredible flurry of short squeezes drove small-cap stocks like GameStop and AMC Entertainment to outlandish levels. It was a dizzying array of trend chasing akin to watching the whole pack of seven-year-old kids chasing a ball in a soccer match.

The Fund's management remained consistent with its philosophy of focusing on higher quality growth companies that are pursuing large opportunities with leading market positions, attractive economics, and strong managements. Our discipline yielded outperformance in the key growth sectors of information technology, health care and consumer discretionary. The gains generated in these sectors, along with communication services; however, were more than offset by shortfalls in the cyclical sectors such as industrials, energy and financials. One of the key catalysts for the powerful cyclical rotation was the

[Table of Contents](#)

move in the 10-year US Treasury bond and the sharp steepening of the yield curve. The 10-year US Treasury bond started a sustained march upward in the fall of 2020, rising more than 1% from 0.60-0.70% in the fall to end March 2021 at 1.74%. During the same period, the spread between the 2-year US Treasury bond and the 10-year US Treasury bond rose from 0.40% to 1.5%. These macro signals were foretelling strong economic growth that would lead to a surge in the earnings forecasts for companies in the cyclical industries mentioned above. In addition, rising interest rates were putting pressure on the valuations of high-growth companies in our favored sectors of information technology and health care.

In reviewing the cyclical/value rotation for the fiscal year, the Fund's strategy was simply to identify growth companies exposed to the cyclical trends in areas such as industrials and consumer discretionary to participate in the move. There were plenty of winners in this vein, including stocks like EnerSys, Lithia Motors, Inc., RBC Bearings, Inc. and Texas Roadhouse, Inc. The shortfall arose from underexposure to these areas, and in many cases, to companies that simply don't fit our growth criteria. The moves in these latter types of stocks tend to be short lived as their valuations rise and the market begins to worry about the other side of the cycle. Alternatively, there was a dramatic move in the green energy stocks over the past fiscal year. The Fund participated in this trend with Plug Power, Inc. in the industrials sector and Enphase Energy, Inc. in the information technology sector. Both companies are the types of leaders in their respective markets that we like to own, and both stocks rose well over 100% for the fiscal year. The rising tide lifted all of the solar names, which are housed in the industrials sector, and hence the Fund's shortfall here was once again a weighting issue and an unwillingness to dip into lower quality companies that are not likely to sustain their moves.

Health care was the largest weighted sector in the portfolio and produced a strong return that surpassed benchmark performance. The coronavirus was the obvious key focal point that created many direct impacts such as minimal capacity for non-emergency procedures, lower private pay from rising unemployment, massive vaccine and treatment funding along with significant stress on health care staffing. Another very significant incremental aspect of the pandemic was the rapid development, approval and acceptance of novel technologies that can make health care delivery more efficient, effective and customized, such as genetic testing, telemedicine, vaccine technologies and gene editing. The portfolio benefited from exposure to multiple areas of this rapid adoption, including cell therapy, telehealth and liquid biopsy diagnostics. The gyration of the fiscal year from recovery-orientated names to cyclical, value-orientated stocks also had an impact on leadership within the health care sector, but fortunately the portfolio had exposure to both high growth and more reasonably priced names to maintain its strong performance. The portfolio remained underweight health care due to an underweight position in biotechnology. Biotechnology, in general, possesses characteristics such as long-term negative profits, limited operating history and more binary risk profiles that do not match up with our investment process. Our underweight position was a drag on the portfolio given strong absolute returns yet, we were able to offset that weighting headwind with superior stock selection. Looking forward, demand for more efficiency and individualized treatments along with available funding for development keeps the fundamental outlook bright for the more novel niches in health care, likely at the expense of outdated facilities and invasive therapies. As a result, we continue to gravitate toward innovation and services that facilitate value-based health care in more cost-effective settings.

Information technology was a strong contributor to Fund performance during the period. However, as highlighted above, rotations toward those stocks benefitting from the reopening of the U.S. economy and away from stocks that benefitted from work-from-home mandates dulled the positive impact for the fiscal year. As the pandemic raged, software, information technology services and semiconductor stocks shined. For example, Five9, Inc., a leading call center cloud software provider and one of the Fund's largest positions, soared during the period as companies scrambled to help remote employees perform their work functions in a distributed manner. Other triple-digit gainers included Globant S.A., a global information technology services provider digitizing solutions for clients; Varonis Systems, Inc., a cloud software security provider; Monolithic Power Systems, Inc., an analog semiconductor leader; Shift4 Payments, Inc., a new addition to the portfolio that provides payment technologies to hotels, restaurants and retail; and Enphase Energy, Inc., a leading alternative energy provider of residential solar and battery backup systems.

These gains were tempered by adverse stock selection, primarily in Mimecast Ltd. and Proofpoint, Inc., both cloud email security providers that experienced setbacks in their anticipated growth as their customer base delayed business due to the crisis. The Fund has retained an overweight position relative to the sector, but as the fiscal year progressed, due to the early strong outperformance, robust valuations and the desire to allocate incremental exposure within industrials, consumer staples, consumer discretionary and financials, we moderated our weighting to approximately 5% above the benchmark's weight. We remain optimistic about innovation, growth prospects and opportunities within the sector and continue to apply our disciplined approach to stock selection.

## Outlook

The outlook for the near term will be dependent on the significant macro factors influencing the pace of U.S. economic growth and the financial markets. On the favorable side, the most recent stimulus package, the reopening of many state economies, the increasing percentage of people vaccinated, and the continued monetary easing of the Fed should provide a

[Table of Contents](#)

---

significant boost to economic activity. The financial markets' reaction to all of this growth has been a continued rotation to cyclical/value, but also a sharp rise in interest rates and growing inflation fears that are creating a headwind for the stock market.

Small-cap stocks had been leading the charge upward over the past fiscal year but have recently stalled with the market. The case for small-cap growth is improving as valuations of cyclical companies have risen sharply and are no longer as compelling from a historical perspective. As previously mentioned, growth opportunities in information technology and health care remain as dynamic as ever, and newer markets in alternative energy, environmental, financial technology and consumer internet provide a host of opportunities for the Fund.

**Performance shown at NAV does not include the effects of sales charges. If reflected, the performance shown would have been lower. Performance including sales charges reflects the maximum applicable front-end sales load and thus the lowest possible performance after sales charges, your sales charges could be lower.**

**Past performance is not a guarantee of future results. The value of the Fund's shares will change, and you could lose money on your investment.**

**The Fund may invest in derivative instruments, primarily total return swaps, futures on domestic equity indexes and options, both written and purchased, in an attempt to increase exposure to various equity sectors and markets or to hedge market risk on individual equity securities.**

**Investing in small-cap stocks may carry more risk than investing in stocks of larger, more well-established companies. Prices of growth stocks may be more sensitive to changes in current or expected earnings than the prices of other stocks. Growth stocks may not perform as well as value stocks or the stock market in general.**

**The opinions expressed in this report are those of the Fund's portfolio managers and are current only through the end of the period of the report as stated on the cover. The managers' views are subject to change at any time based on market and other conditions, and no forecasts can be guaranteed.**

**The index noted is unmanaged, includes reinvested dividends and does not include fees. One cannot invest directly in an index, nor is an index representative of the Ivy Small Cap Growth Fund.**

[Table of Contents](#)**PORTFOLIO HIGHLIGHTS****IVY SMALL CAP GROWTH FUND**

ALL DATA IS AS OF MARCH 31, 2021 (UNAUDITED)

**Asset Allocation**

<b>Stocks</b>	<b>96.8%</b>
Health Care	27.3%
Information Technology	24.5%
Consumer Discretionary	16.5%
Industrials	16.3%
Financials	5.9%
Communication Services	3.5%
Consumer Staples	2.4%
Materials	0.4%
<b>Liabilities (Net of Cash and Other Assets), and Cash Equivalents+</b>	<b>3.2%</b>

**Top 10 Equity Holdings**

<b>Company</b>	<b>Sector</b>	<b>Industry</b>
Vericel Corp.	Health Care	Biotechnology
Five9, Inc.	Information Technology	Application Software
Brink's Co. (The)	Industrials	Security & Alarm Services
CareDx, Inc.	Health Care	Biotechnology
PetIQ, Inc.	Health Care	Health Care Distributors
Varonis Systems, Inc.	Information Technology	Systems Software
Nexstar Broadcasting Group, Inc.	Communication Services	Broadcasting
Marriott Vacations Worldwide Corp.	Consumer Discretionary	Hotels, Resorts & Cruise Lines
Shift4 Payments, Inc., Class A	Information Technology	Data Processing & Outsourced Services
Globant S.A.	Information Technology	IT Consulting & Other Services

See your advisor or [www.ivyinvestments.com](http://www.ivyinvestments.com) for more information on the Fund's most recently published Top 10 Equity Holdings.

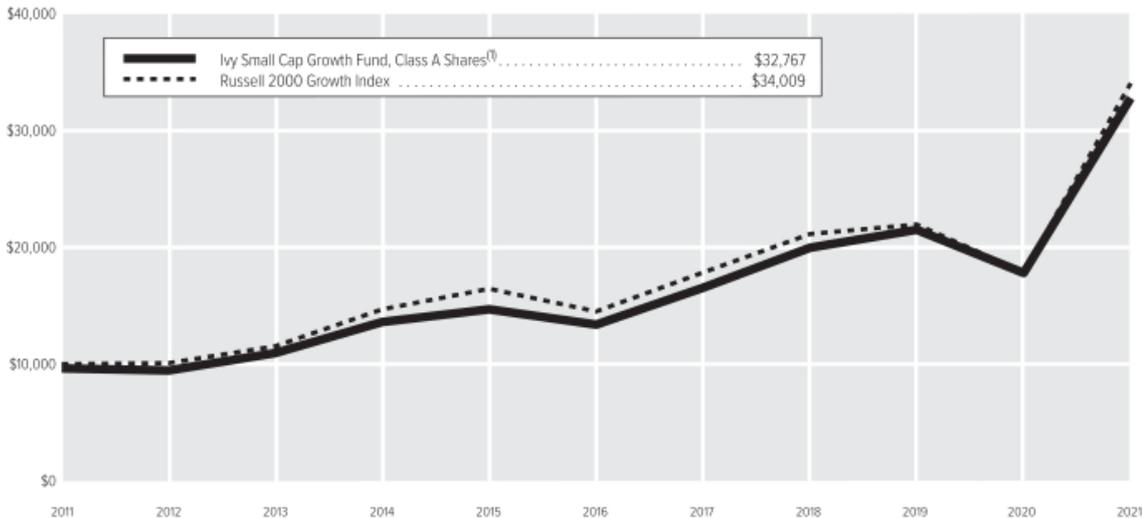
+Cash equivalents are defined as highly liquid securities with maturities of less than three months. Cash equivalents may include U.S. Government Treasury bills, bank certificates of deposit, bankers' acceptances, corporate commercial paper and other money market instruments.

[Table of Contents](#)

## COMPARISON OF CHANGE IN VALUE OF \$10,000 INVESTMENT

## IVY SMALL CAP GROWTH FUND

(UNAUDITED)



Please note that the performance of the Fund's other share classes will be greater or less than the performance shown above for Class A based on the differences in loads and fees paid by shareholders investing in the different classes.

(1) The value of the investment in the Fund is impacted by the sales load at the time of the investment and by the ongoing expenses of the Fund and assumes reinvestment of dividends and distributions.

Average Annual Total Return <sup>(2)</sup>	Class A <sup>(3)</sup>	Class B <sup>(4)</sup>	Class C	Class E <sup>(3)</sup>	Class I	Class N	Class R	Class Y
1-year period ended 3-31-21	77.90%	78.59%	82.81%	79.63%	85.00%	85.10%	83.70%	84.34%
5-year period ended 3-31-21	18.76%	18.46%	18.75%	18.98%	20.05%	20.14%	19.25%	19.67%
10-year period ended 3-31-21	12.60%	12.18%	12.40%	12.66%	13.43%	—	12.72%	13.11%
Since Inception of Class through 3-31-21 <sup>(5)</sup>	—	—	—	—	—	15.62%	—	—

(2) Data quoted is past performance and is based on deduction of the maximum applicable sales load for each of the periods. Current performance may be lower or higher. Past performance is no guarantee of future results. Investment return and principal value of an investment will fluctuate and shares, when redeemed, may be worth more or less than their original cost. Please visit [www.ivyinvestments.com](http://www.ivyinvestments.com) for the Fund's most recent month end performance. Class A and Class E Shares carry a maximum front-end sales load of 3.50%<sup>(a)</sup> and 2.50%, respectively. Class B and Class C shares carry a maximum contingent deferred sales charge (CDSC) of 5% and 1%, respectively (the Class C shares reflect no CDSC since it only applies to Class C shares redeemed within twelve months after purchase). Class I, Class N, Class R and Class Y shares are not subject to sales charges.

(3) Class A shares carry a CDSC on shares purchased at net asset value for \$1 million or more that are subsequently redeemed within 12 months of purchase. Effective October 1, 2020, Class A shares carry a CDSC on shares purchased at net asset value for \$500,000 or more that are subsequently redeemed within 12 months of purchase. Class E shares carry a CDSC on shares purchased at net asset value for \$250,000 or more that are subsequently redeemed within 12 months of purchase.

(4) Class B shares are not currently available for direct investment. However, they are available for dividend reinvestment and exchange of the same class shares of another Ivy Fund.

(5) 7-31-14 for Class N shares (the date on which shares were first acquired by shareholders).

Past performance is not necessarily indicative of future performance. Indexes are unmanaged. The performance graph and table do not reflect the deduction of taxes that a shareholder would pay on Fund distributions or on the redemption of Fund shares. Performance results may include the effect of expense reduction arrangements for some or all of the periods shown. If those arrangements had not been in place, the performance results for those periods would have been lower.

(a) Effective October 1, 2020, the maximum applicable sales charge for Class A shares has been lowered to 3.50% from 5.75%.

[Table of Contents](#)**SCHEDULE OF INVESTMENTS****IVY SMALL CAP GROWTH FUND** (in thousands)

MARCH 31, 2021

<b>COMMON STOCKS</b>	<b>Shares</b>	<b>Value</b>	<b>COMMON STOCKS (Continued)</b>	<b>Shares</b>	<b>Value</b>	<b>COMMON STOCKS (Continued)</b>	<b>Shares</b>	<b>Value</b>
<b>Communication Services</b>			<b>COMMON STOCKS (Continued)</b>			<b>COMMON STOCKS (Continued)</b>		
Alternative Carriers – 0.9%			Packaged Foods & Meats – 1.2%			Health Care Technology (Continued)		
Bandwidth, Inc., Class A (A)	216	\$ 27,349	Nomad Foods Ltd. (A)	1,343	\$ 36,877	Simulations Plus, Inc.	191	\$ 12,100
Broadcasting – 2.6%			<b>Total Consumer Staples – 2.4%</b>		<b>75,060</b>	Tabula Rasa HealthCare, Inc. (A)(C)	449	20,683
Gray Television, Inc.	848	15,597	<b>Financials</b>			Vocera Communications, Inc. (A)	439	16,890
Nexstar Broadcasting Group, Inc.	454	63,804	Asset Management & Custody Banks – 1.1%					97,209
		79,401	Focus Financial Partners, Inc., Class A (A)	256	10,672	Life Sciences Tools & Services – 1.5%		
<b>Total Communication Services – 3.5%</b>		<b>106,750</b>	Hamilton Lane, Inc., Class A	264	23,384	NeoGenomics, Inc. (A)	659	31,778
<b>Consumer Discretionary</b>					34,056	Quanterix Corp. (A)	236	13,778
Apparel Retail – 0.2%			Financial Exchanges & Data – 1.1%					45,556
ThredUp, Inc., Class A (A)	260	6,070	Open Lending Corp., Class A (A)	958	33,916	Managed Health Care – 1.1%		
Auto Parts & Equipment – 3.3%			Investment Banking & Brokerage – 1.2%			Progyny, Inc. (A)	732	32,595
Fox Factory Holding Corp. (A)	425	54,013	LPL Investment Holdings, Inc.	245	34,795	<b>Total Health Care – 27.3%</b>		<b>835,686</b>
Visteon Corp. (A)	388	47,377	<b>Regional Banks – 2.5%</b>			<b>Industrials</b>		
		101,390	BancorpSouth Bank	474	15,395	Aerospace & Defense – 1.6%		
Automotive Retail – 1.7%			Pinnacle Financial Partners, Inc.	466	41,293	Mercury Computer Systems, Inc. (A)	719	50,817
Lithia Motors, Inc.	131	51,072	Seacoast Banking Corp. of Florida (A)	566	20,497	Air Freight & Logistics – 1.0%		
Casinos & Gaming – 2.7%			<b>Total Financials – 5.9%</b>		<b>179,952</b>	Air Transport Services Group, Inc. (A)	1,022	29,913
Churchill Downs, Inc.	249	56,684	<b>Health Care</b>			Construction & Engineering – 1.3%		
Monarch Casino & Resort, Inc. (A)	430	26,074	Biotechnology – 7.6%			Valmont Industries, Inc.	168	40,040
		82,758	CareDx, Inc. (A)	1,122	76,391	Electrical Components & Equipment – 2.2%		
Footwear – 1.6%			Insmed, Inc. (A)	473	16,101	EnerSys	415	37,641
Deckers Outdoor Corp. (A)	148	48,867	Novavax, Inc. (A)	90	16,347	Plug Power, Inc. (A)	860	30,833
Home Furnishings – 0.2%			Veracyte, Inc. (A)	381	20,470			68,474
Purple Innovation, Inc. (A)	174	5,505	Vericor Corp. (A)	1,842	102,327	Environmental & Facilities Services – 1.2%		
Homebuilding – 0.9%					231,636	Clean Harbors, Inc. (A)	430	36,152
Installed Building Products, Inc.	68	7,584	Health Care Distributors – 2.3%			Industrial Machinery – 4.5%		
TopBuild Corp. (A)	97	20,317	PetIQ, Inc. (A)(B)	2,001	70,552	Altra Industrial Motion Corp.	661	36,569
Hotels, Resorts & Cruise Lines – 3.1%			Health Care Equipment – 5.7%			Desktop Metal, Inc., Class A (A)(C)	424	6,320
Marriott Vacations Worldwide Corp.	358	62,414	Axonics Modulation Technologies, Inc. (A) (C)	802	48,040	John Bean Technologies Corp.	165	22,021
Wyndham Destinations, Inc.	460	32,095	Penumbra, Inc. (A)	143	38,709	Kennametal, Inc.	1,012	40,444
		94,509	Tactile Systems Technology, Inc. (A)	835	45,485	Kornit Digital Ltd. (A)	112	11,139
Leisure Products – 1.5%			Tandem Diabetes Care, Inc. (A)	492	43,417	RBC Bearings, Inc. (A)	107	21,003
Malibu Boats, Inc., Class A (A)	588	46,838			175,651			137,496
Restaurants – 1.3%			Health Care Services – 3.8%			Security & Alarm Services – 2.7%		
Texas Roadhouse, Inc., Class A (A)	422	40,452	1Life Healthcare, Inc. (A)	540	21,100	Brink's Co. (The)	1,033	81,844
<b>Total Consumer Discretionary – 16.5%</b>		<b>505,362</b>	AMN Healthcare Services, Inc. (A)	570	41,985	Trucking – 1.8%		
<b>Consumer Staples</b>			Castle Biosciences, Inc. (A)	218	14,929	Knight Transportation, Inc.	1,155	55,542
Brewers – 0.3%			LHC Group, Inc. (A)	206	39,464	<b>Total Industrials – 16.3%</b>		<b>500,278</b>
Duckhorn Portfolio, Inc. (The) (A)	645	10,817			117,478	<b>Information Technology</b>		
Hypermarkets & Super Centers – 0.9%			Health Care Supplies – 2.1%			Application Software – 7.5%		
BJ's Wholesale Club, Inc. (A)	610	27,366	Haemonetics Corp. (A)	396	43,999	Five9, Inc. (A)	604	94,479
			OraSure Technologies, Inc. (A)	1,800	21,010	LivePerson, Inc. (A)	705	37,179
					65,009	Mimecast Ltd. (A)	704	28,288
			Health Care Technology – 3.2%			Q2 Holdings, Inc. (A)	444	44,494
			Omniceil, Inc. (A)	366	47,536	Smartsheet, Inc., Class A (A)	395	25,270
								229,710

[Table of Contents](#)**SCHEDULE OF INVESTMENTS****IVY SMALL CAP GROWTH FUND** (in thousands)

MARCH 31, 2021

COMMON STOCKS (Continued)			COMMON STOCKS (Continued)			SHORT-TERM SECURITIES		
	Shares	Value		Shares	Value		Shares	Value
Communications Equipment – 1.3%			Systems Software – 3.9%			Money Market Funds (E) – 3.4%		
Viavi Solutions, Inc. (A)	2,548	\$ 40,001	Proofpoint, Inc. (A)	210	\$ 26,379	Dreyfus Institutional Preferred		
Data Processing & Outsourced Services – 3.0%			SailPoint Technologies Holdings, Inc. (A)	482	24,414	Government Money Market Fund –		
EVO Payments, Inc., Class A (A)	1,118	30,775	Varonis Systems, Inc. (A)	1,342	68,906	Institutional Shares,		
Shift4 Payments, Inc., Class A (A)	731	59,972			119,699	0.010% (D)	12,592	\$ 12,592
		90,747	Technology Hardware, Storage & Peripherals – 1.3%			State Street Institutional U.S.		
Internet Services & Infrastructure – 0.9%			NCR Corp. (A)	1,067	40,475	Government Money Market Fund –		
Switch, Inc., Class A	1,790	29,101			749,438	Premier Class,	91,894	91,894
IT Consulting & Other Services – 2.0%			<b>Total Information Technology – 24.5%</b>		<b>749,438</b>	0.040%		104,486
Globant S.A. (A)	288	59,808	Materials			<b>TOTAL SHORT-TERM SECURITIES – 3.4%</b>		<b>\$ 104,486</b>
Semiconductor Equipment – 1.2%			Specialty Chemicals – 0.4%			(Cost: \$104,486)		
Enphase Energy, Inc. (A)	228	37,052	Danimer Scientific, Inc. Class A (A)(C)	342	12,911	<b>TOTAL INVESTMENT SECURITIES – 100.2%</b>		<b>\$3,069,923</b>
Semiconductors – 3.4%					12,911	(Cost: \$1,978,867)		
Allegro MicroSystems, Inc. (A)	1,116	28,280	<b>Total Materials – 0.4%</b>		<b>12,911</b>	<b>LIABILITIES, NET OF CASH AND OTHER</b>		
Monolithic Power Systems, Inc.	142	50,075	<b>TOTAL COMMON STOCKS – 96.8%</b>		<b>\$2,965,437</b>	<b>ASSETS (F) – (0.2)%</b>		<b>(4,811)</b>
SiTime Corp. (A)	248	24,490	(Cost: \$1,874,381)			<b>NET ASSETS – 100.0%</b>		<b>\$3,065,112</b>
		102,845						

**Notes to Schedule of Investments**

\*Not shown due to rounding.

- (A) No dividends were paid during the preceding 12 months.
- (B) Deemed to be an affiliate due to the Fund owning at least 5% of the voting securities.
- (C) All or a portion of securities with an aggregate value of \$29,514 are on loan.
- (D) Investment made with cash collateral received from securities on loan.
- (E) Rate shown is the annualized 7-day yield at March 31, 2021.
- (F) Cash of \$17,330 has been pledged as collateral on open OTC swap agreements.

The following total return swap agreements were outstanding at March 31, 2021:

Underlying Security	Long/Short	Counterparty	Maturity Date	Notional Amount	Financing Fee(1)(2)	Value	Upfront Payments/(Receipts)	Unrealized Depreciation
Biotech Custom Index	Long	JPMorgan Chase Bank N.A.	07/01/2021	\$95,206	1-Month LIBOR minus 0.2 bps	\$ (13,113)	\$ —	\$ (13,113)

- (1) The Fund pays the financing fee multiplied by the notional amount if long on the swap agreement. If the Fund is short on the swap agreement, the Fund receives the financing fee multiplied by the notional amount.
- (2) At the termination date, a net cash flow is exchanged where the market-linked total return is equivalent to the return of the underlying security less a financing rate, if any. If the Fund is long on the swap agreement, the Fund would receive payments on any net positive total return, and would owe payments in the event of a negative total return. If the Fund is short on the swap agreement, the Fund would owe payments on any net positive total return, and would receive payments in the event of a negative total return.



[Table of Contents](#)**MANAGEMENT DISCUSSION****IVY VALUE FUND**

(UNAUDITED)



Matthew T. Norris

*Below, Matthew T. Norris, CFA, portfolio manager of Ivy Value Fund, discusses positioning, performance and results for the fiscal year ended March 31, 2021. He has managed the Fund since 2003 and has 29 years of industry experience.*

**Fiscal Year Performance**

For the 12 Months Ended March 31, 2021

<b>Ivy Value Fund (Class A shares at net asset value)</b>	61.22%
<b>Ivy Value Fund (Class A shares including sales charges)</b>	55.56%
Benchmark and Morningstar Category	
<b>Russell 1000 Value Index</b>	56.09%
<i>(generally reflects the performance of large-company value style stocks)</i>	
<b>Morningstar Large Value Category Average</b>	56.98%
<i>(generally reflects the performance of the universe of funds with similar investment objectives)</i>	

*Please note that Fund returns include applicable fees and expenses while index returns do not include any such fees. The performance discussion below is at net asset value (NAV).*

**Key drivers**

The U.S. economy continued its recovery from the COVID-19 pandemic during the first quarter of 2021, and the stock market followed with positive returns. There were many bright spots, including employment, which increased by 1.6 million in first quarter, more than recovering the fourth quarter layoffs related to the virus surge. As of March 2021, 62% of the 22 million jobs lost during the first couple months of the pandemic have been recovered.

A \$1.9 trillion stimulus bill was passed in March 2021, which included \$1,400 checks and a continuation of the \$300 per week supplemental unemployment benefit. President Biden presented his infrastructure plan for total spending of \$2.25 trillion to be spent over 8 years. The plan also included tax increases over a 15-year period to pay for the cost. The Federal Reserve (Fed) maintained a dovish message and continued to downplay inflation fears and taper talk. Housing demand remained strong despite gains in both home price and mortgage rates. Manufacturing activity strengthened with the ISM Index hitting a 37-year high. The combination of elevated orders and low inventories is expected to support ongoing production in the coming months.

As always, there are potential negatives that bear watching. Interest rates continue to rise, as inflation seems about to re-appear. Fed policy is still supportive but cannot last forever. There is also a chance for further stimulus; however, it is not certain.

The long-awaited "rotation" from growth stocks to value stocks made an appearance in the first quarter of 2021. The Russell 1000 Value Index (the Fund's benchmark) returned 11.26% while the Russell 1000 Growth Index returned 0.94%. While the outperformance in the quarter was significant, growth has outperformed value for much of the past decade. In summary, there is a lot of catching up to do.

The Russell 1000 Value Index, the Fund's benchmark returned 56.09% for the fiscal year. By comparison, the Fund returned 61.22% during the measurement period. The start of the fiscal year was around the low point for the market, hence the large absolute returns. During the period, the Fund took advantage of this low point and the subsequent dislocation, which is why it performed well.

**Contributors and detractors**

The Fund's best relative sector was financials, where our investments in consumer finance companies Capital One Financial Corp. and Synchrony Financial drove much of the outperformance. The impact of the pandemic and subsequent hit on the consumer was initially very deep but started to snap back very quickly. The Fund's next best performing sector was information technology, with NXP Semiconductors N.V. leading the way. NXP Semiconductors benefited from exposure to automobiles, which showed very resilient demand despite the health crisis.

The industrials sector was the greatest detractor to Fund performance during the measurement period. It was less about what we owned and more about what we didn't. Not owning Caterpillar, Inc. and Deere & Co., which are large components of the index, were the greatest detractors.

The materials sector was the second worst performing sector for the Fund in the measurement period, despite strong performance in BHP Billiton Ltd, which the Fund owned. Underperformance came from holdings we didn't own in the Fund. No single name can be blamed for the underperformance, but our exposure to chemicals was an overall drag.

[Table of Contents](#)

---

Our strategy does not attempt to make sector calls, rather focusing primarily on stock selection. We overweight or underweight sectors based on individual stock opportunity, with some limits to control risk or volatility. The Fund is overweight consumer discretionary and information technology, where we continue to find value and yield. In these areas, we have been able to find what we believe are good companies with repeatable business models generating high rates of free cash flow, and low stock prices relative to our estimation of each company's true intrinsic value. Our underweight positions in health care and real estate are simply due to a current lack of compelling ideas.

## Outlook

The U.S. economy grinded to an abrupt halt in March 2020, but not for an economic reason. The pandemic recession, while devastating, was relatively short lived due to government paycheck protection and targeted stimulus. The stock market rebounded to new highs earlier this year in anticipation of an economic recovery. Despite supply chain issues across the board, initial indicators are signaling that there is a tremendous amount of pent up demand.

While these economic forces are currently dominating the news, our first approach is from the company level. We seek to find quality, growing companies whose stocks are trading below what we consider their intrinsic values. This often is due to short-term negative factors, and we will become larger owners of a company if we feel those negatives are about to dissipate. We continue to search for and make investments one company at a time to seek to benefit clients over the long run.

**Performance shown at NAV does not include the effects of sales charges. If reflected, the performance shown would have been lower. Performance including sales charges reflects the maximum applicable front-end sales load and thus the lowest possible performance after sales charges; your sales charges could be lower.**

**The Fund may use a variety of derivative instruments for various purposes. The Fund may, at any given time, use options on individual equity securities, in seeking to gain or increase exposure to, or facilitate trading in, certain securities or market sectors. The Fund also may use written options contracts on individual equity securities to enhance return. In addition, the Fund may use futures contracts on domestic equity indexes, in an attempt to hedge market risk on equity securities.**

**The use of derivatives presents several risks, including the risk that these instruments may change in value in a manner that adversely affects the Fund's value and the risk that fluctuations in the value of the derivatives may not correlate with the corresponding securities or fixed income markets or the underlying asset upon which the derivative's value is based.**

**Past performance is no guarantee of future results. The value of the Fund's shares will change, and you could lose money on your investment.**

**Value stocks are stocks of companies that may have experienced adverse business or industry developments, or may be subject to special risks that have caused the stocks to be out of favor and, in the opinion of the Fund's manager, undervalued. The value of a security believed by the Fund's manager to be undervalued may never reach what the manager believes to be its full value, or such security's value may decrease. These and other risks are more fully described in the Fund's prospectus.**

**The opinions expressed in this report are those of the Fund's portfolio manager and are current only through the end of the period of the report as stated on the cover. The manager's views are subject to change at any time based on market and other conditions, and no forecasts can be guaranteed.**

**The index noted is unmanaged, includes reinvested dividends and does not include fees. One cannot invest directly in an index, nor is an index representative of the Ivy Value Fund.**

[Table of Contents](#)**PORTFOLIO HIGHLIGHTS**

IVY VALUE FUND

ALL DATA IS AS OF MARCH 31, 2021 (UNAUDITED)

**Asset Allocation**

<b>Stocks</b>	<b>97.6%</b>
Financials	20.5%
Health Care	13.0%
Industrials	12.4%
Information Technology	9.6%
Communication Services	9.3%
Consumer Discretionary	8.0%
Consumer Staples	6.4%
Energy	5.3%
Utilities	5.2%
Materials	4.7%
Real Estate	3.2%
<b>Liabilities (Net of Cash and Other Assets) and Cash Equivalents+</b>	<b>2.4%</b>

**Top 10 Equity Holdings**

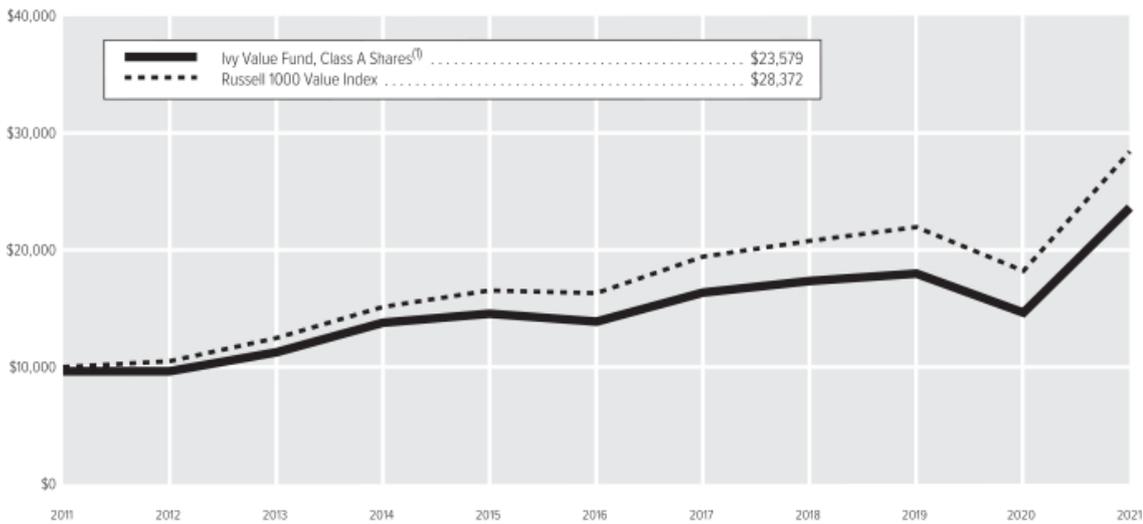
<b>Company</b>	<b>Sector</b>	<b>Industry</b>
Comcast Corp., Class A	Communication Services	Cable & Satellite
Citigroup, Inc.	Financials	Other Diversified Financial Services
Morgan Stanley	Financials	Investment Banking & Brokerage
Philip Morris International, Inc.	Consumer Staples	Tobacco
Capital One Financial Corp.	Financials	Consumer Finance
Welltower, Inc.	Real Estate	Health Care REITs
Wal-Mart Stores, Inc.	Consumer Staples	Hypermarkets & Super Centers
Target Corp.	Consumer Discretionary	General Merchandise Stores
Eaton Corp.	Industrials	Electrical Components & Equipment
Raytheon Technologies Corp.	Industrials	Aerospace & Defense

See your advisor or [www.ivyinvestments.com](http://www.ivyinvestments.com) for more information on the Fund's most recently published Top 10 Equity Holdings.

+Cash equivalents are defined as highly liquid securities with maturities of less than three months. Cash equivalents may include U.S. Government Treasury bills, bank certificates of deposit, bankers' acceptances, corporate commercial paper and other money market instruments.

[Table of Contents](#)**COMPARISON OF CHANGE IN VALUE OF \$10,000 INVESTMENT****IVY VALUE FUND**

(UNAUDITED)



Please note that the performance of the Fund's other share classes will be greater or less than the performance shown above for Class A based on the differences in loads and fees paid by shareholders investing in the different classes.

(1) The value of the investment in the Fund is impacted by the sales load at the time of the investment and by the ongoing expenses of the Fund and assumes reinvestment of dividends and distributions.

Average Annual Total Return(2)	Class A(3)	Class B(4)	Class C	Class I	Class N	Class R	Class Y
1-year period ended 3-31-21	55.56%	55.47%	59.94%	61.66%	61.93%	60.59%	61.18%
5-year period ended 3-31-21	10.39%	9.89%	10.39%	11.52%	11.70%	10.84%	11.14%
10-year period ended 3-31-21	8.96%	8.47%	8.74%	9.72%	—	—	9.40%
Since Inception of Class through 3-31-21(5)	—	—	—	—	8.25%	10.52%	—

(2) Data quoted is past performance and is based on deduction of the maximum applicable sales load for each of the periods. Current performance may be lower or higher. Past performance is no guarantee of future results. Investment return and principal value of an investment will fluctuate and shares, when redeemed, may be worth more or less than their original cost. Please visit [www.ivyinvestments.com](http://www.ivyinvestments.com) for the Fund's most recent month end performance. Class A Shares carry a maximum front-end sales load of 3.50%(a). Class B and Class C shares carry a maximum contingent deferred sales charge (CDSC) of 5% and 1%, respectively (the Class C shares reflect no CDSC since it only applies to Class C shares redeemed within twelve months after purchase). Class I, Class N, Class R and Class Y shares are not subject to sales charges.

(3) Class A shares carry a CDSC on shares purchased at net asset value for \$1 million or more that are subsequently redeemed within 12 months of purchase. Effective October 1, 2020, Class A shares carry a CDSC on shares purchased at net asset value for \$500,000 or more that are subsequently redeemed within 12 months of purchase.

(4) Class B shares are not currently available for direct investment. However, they are available for dividend reinvestment and exchange of the same class shares of another Ivy Fund.

(5) 7-31-14 for Class N shares and 12-19-12 for Class R shares (the date on which shares were first acquired by shareholders).

Past performance is not necessarily indicative of future performance. Indexes are unmanaged. The performance graph and table do not reflect the deduction of taxes that a shareholder would pay on Fund distributions or on the redemption of Fund shares. Performance results may include the effect of expense reduction arrangements for some or all of the periods shown. If those arrangements had not been in place, the performance results for those periods would have been lower.

(a) Effective October 1, 2020, the maximum applicable sales charge for Class A shares has been lowered to 3.50% from 5.75%.

[Table of Contents](#)**SCHEDULE OF INVESTMENTS**

IVY VALUE FUND (in thousands)

MARCH 31, 2021

COMMON STOCKS	Shares	Value	COMMON STOCKS	Shares	Value	COMMON STOCKS	Shares	Value
Communication Services			Property & Casualty Insurance – 0.6%			Technology Hardware, Storage & Peripherals – 1.4%		
Alternative Carriers – 3.0%			Arch Capital Group Ltd. (A)	203	\$ 7,784	Seagate Technology	237	\$ 18,175
Liberty Global, Inc., Series C (A)	1,579	\$ 40,338	Reinsurance – 3.1%			<b>Total Information Technology – 9.6%</b>		<b>128,818</b>
Cable & Satellite – 6.3%			Everest Re Group Ltd.	64	15,934	Materials		
Comcast Corp., Class A	957	51,791	Reinsurance Group of America, Inc.	206	26,024	Diversified Metals & Mining – 2.3%		
Liberty Media Corp., Class C (A)	754	33,263			41,958	BHP Billiton Ltd. ADR (B)	438	30,425
		85,054	<b>Total Financials – 20.5%</b>		<b>275,108</b>	Paper Packaging – 2.4%		
<b>Total Communication Services – 9.3%</b>		<b>125,392</b>	Health Care			Graphic Packaging Holding Co.	1,797	32,639
Consumer Discretionary			Biotechnology – 1.9%			<b>Total Materials – 4.7%</b>		<b>63,064</b>
Auto Parts & Equipment – 2.4%			Amgen, Inc.	105	26,010	Real Estate		
Magna International, Inc.	369	32,522	Health Care Distributors – 2.6%			Health Care REITs – 3.2%		
General Merchandise Stores – 3.1%			McKesson Corp.	180	35,076	Welltower, Inc.	591	42,355
Target Corp.	211	41,869	Health Care Facilities – 2.7%			<b>Total Real Estate – 3.2%</b>		<b>42,355</b>
Home Improvement Retail – 2.5%			HCA Holdings, Inc.	195	36,816	Utilities		
Lowe's Co., Inc.	177	33,652	Health Care Services – 2.5%			Electric Utilities – 4.6%		
			CVS Caremark Corp.	437	32,906	Entergy Corp.	340	33,770
<b>Total Consumer Discretionary – 8.0%</b>		<b>108,043</b>	Managed Health Care – 1.9%			Eergy, Inc. (C)	464	27,613
Consumer Staples			Anthem, Inc.	73	26,168			61,383
Hypermarkets & Super Centers – 3.2%			Pharmaceuticals – 1.4%			Multi-Utilities – 0.6%		
Wal-Mart Stores, Inc.	312	42,348	GlaxoSmithKline plc ADR (B)	510	18,210	Public Service Enterprise Group, Inc.	133	8,014
Tobacco – 3.2%			<b>Total Health Care – 13.0%</b>		<b>175,186</b>	<b>Total Utilities – 5.2%</b>		<b>69,397</b>
Philip Morris International, Inc.	486	43,154	Industrials			<b>TOTAL COMMON STOCKS – 97.6%</b>		<b>\$1,309,805</b>
			Aerospace & Defense – 3.7%			(Cost: \$900,399)		
<b>Total Consumer Staples – 6.4%</b>		<b>85,502</b>	Northrop Grumman Corp.	31	10,001	<b>SHORT-TERM SECURITIES</b>		
Energy			Raytheon Technologies Corp.	523	40,415	Money Market Funds (E) – 5.6%		
Oil & Gas Exploration & Production – 2.7%					50,416	Dreyfus Institutional Preferred		
EOG Resources, Inc.	499	36,207	Electrical Components & Equipment – 5.7%			Government Money Market Fund –		
Oil & Gas Refining & Marketing – 2.6%			Eaton Corp.	295	40,726	Institutional Shares,		
Marathon Petroleum Corp.	642	34,362	nVent Electric plc	1,273	35,542	0.010% (D)	37,742	37,742
					76,268	State Street Institutional U.S.		
<b>Total Energy – 5.3%</b>		<b>70,569</b>	Railroads – 3.0%			Government Money Market Fund –		
Financials			Norfolk Southern Corp.	148	39,687	Premier Class,		
Asset Management & Custody Banks – 2.6%			<b>Total Industrials – 12.4%</b>		<b>166,371</b>	0.040%	37,698	37,698
Ameriprise Financial, Inc.	148	34,396	Information Technology					75,440
Consumer Finance – 5.4%			Data Processing & Outsourced Services – 2.9%			<b>TOTAL SHORT-TERM SECURITIES – 5.6%</b>		<b>\$ 75,440</b>
Capital One Financial Corp.	336	42,807	Fidelity National Information Services,			(Cost: \$75,440)		
Synchrony Financial	730	29,696	Inc.	281	39,554	<b>TOTAL INVESTMENT</b>		
		72,503	Semiconductors – 5.3%			<b>SECURITIES – 103.2%</b>		<b>\$1,385,245</b>
Investment Banking & Brokerage – 3.2%			Broadcom Corp., Class A	76	35,306	(Cost: \$975,839)		
Morgan Stanley	556	43,183	NXP Semiconductors N.V.	178	35,783	<b>LIABILITIES, NET OF CASH AND OTHER</b>		
Mortgage REITs – 2.0%					71,089	<b>ASSETS – (3.2%)</b>		<b>(43,155)</b>
AGNC Investment Corp.	1,569	26,291				<b>NET ASSETS – 100.0%</b>		<b>\$1,342,090</b>
Other Diversified Financial Services – 3.6%								
Citigroup, Inc.	673	48,993						

2021 ANNUAL REPORT 167

[Table of Contents](#)**SCHEDULE OF INVESTMENTS**IVY VALUE FUND *(in thousands)*

MARCH 31, 2021

**Notes to Schedule of Investments**

(A) No dividends were paid during the preceding 12 months.

(B) All or a portion of securities with an aggregate value of \$42,091 are on loan.

(C) All or a portion of securities with an aggregate value of \$396 are held in collateralized accounts to cover potential obligations with respect to outstanding written options.

(D) Investment made with cash collateral received from securities on loan.

(E) Rate shown is the annualized 7-day yield at March 31, 2021.

The following written options were outstanding at March 31, 2021 (contracts and exercise prices unrounded):

Underlying Security	Counterparty, if OTC	Type	Number of Contracts	Notional Amount	Expiration Month	Exercise Price	Premium Received	Value
Broadcom Corp., Class A	N/A	Call	85	8	April 2021	\$ 470.00	\$ 233	\$ (73)
Magna International, Inc.	N/A	Call	420	42	June 2021	90.00	340	(202)
Reinsurance Group of America, Inc.	JPMorgan Chase Bank N.A.	Put	185	19	April 2021	140.00	700	(250)
Seagate Technology	N/A	Put	701	70	April 2021	60.00	65	(38)
							\$ 1,338	\$(563)

The following table is a summary of the valuation of the Fund's investments by the fair value hierarchy levels as of March 31, 2021. See Note 3 to the Financial Statements for further information regarding fair value measurement.

	Level 1	Level 2	Level 3
<b>Assets</b>			
Investments in Securities			
Common Stocks	\$ 1,309,805	\$ —	\$ —
Short-Term Securities	75,440	—	—
Total	\$ 1,385,245	\$ —	\$ —
<b>Liabilities</b>			
Written Options	\$ 275	\$ 288	\$ —

The following acronyms are used throughout this schedule:

ADR = American Depositary Receipts

OTC = Over the Counter

REIT = Real Estate Investment Trust

[Table of Contents](#)

## STATEMENTS OF ASSETS AND LIABILITIES

## IVY FUNDS

AS OF MARCH 31, 2021

(In thousands, except per share amounts)	Ivy Core Equity Fund	Ivy Emerging Markets Equity Fund(1)	Ivy Global Bond Fund	Ivy Global Equity Income Fund	Ivy Global Growth Fund	Ivy Government Money Market Fund	Ivy High Income Fund
<b>ASSETS</b>							
Investments in unaffiliated securities at value+ <sup>A</sup>	\$4,680,791	\$ 2,390,613	\$491,888	\$ 614,551	\$1,056,157	\$ 199,287	\$ 4,238,292
Investments in affiliated securities at value+	—	—	—	—	—	—	127,711
<b>Investments at Value</b>	<b>4,680,791</b>	<b>2,390,613</b>	<b>491,888</b>	<b>614,551</b>	<b>1,056,157</b>	<b>199,287</b>	<b>4,366,003</b>
Cash	—	447	15	—	31	—*	1,081
Cash denominated in foreign currencies at value+	—	—*	—	—	—	—	33,628
Investment securities sold receivable	10,711	—	—	—	4	—	12,643
Dividends and interest receivable	1,509	5,782	4,438	4,208	2,400	29	63,243
Capital shares sold receivable	1,012	5,930	563	81	379	358	5,684
Receivable from affiliates	40	596	375	47	122	598	88
Unrealized appreciation on forward foreign currency contracts	—	—	—	—	—	—	253
Receivable from securities lending income – net	—	18	4	3	1	—	10
Prepaid and other assets	128	99	81	54	77	42	167
<b>Total Assets</b>	<b>4,694,191</b>	<b>2,403,485</b>	<b>497,364</b>	<b>618,944</b>	<b>1,059,171</b>	<b>200,314</b>	<b>4,482,800</b>
<b>LIABILITIES</b>							
Cash collateral on securities loaned at value	—	11,223	8,709	341	4,700	—	10,877
Investment securities purchased payable	7,507	900	2,346	—	—	—	189,607
Capital shares redeemed payable	3,077	1,590	419	500	615	1,525	4,452
Distributions payable	—	—	—	—	—	—*	1,749
Independent Trustees and Chief Compliance Officer fees payable	858	106	119	144	213	27	546
Distribution and service fees payable	25	5	1	2	4	—*	23
Shareholder servicing payable	466	305	79	101	148	34	622
Investment management fee payable	79	56	8	12	24	2	63
Accounting services fee payable	23	23	12	15	23	7	23
Other liabilities	36	2,781	25	30	224	15	38
<b>Total Liabilities</b>	<b>12,071</b>	<b>16,989</b>	<b>11,718</b>	<b>1,145</b>	<b>5,951</b>	<b>1,610</b>	<b>208,000</b>
<b>Commitments and Contingencies (See Note 2 and Note 14)</b>							
<b>Total Net Assets</b>	<b>\$4,682,120</b>	<b>\$ 2,386,496</b>	<b>\$485,646</b>	<b>\$ 617,799</b>	<b>\$1,053,220</b>	<b>\$ 198,704</b>	<b>\$ 4,274,800</b>
<b>NET ASSETS</b>							
Capital paid in (shares authorized – unlimited)	\$2,552,778	\$ 1,624,671	\$532,689	\$ 451,685	\$ 600,009	\$ 198,704	\$ 5,739,052
Accumulated earnings gain (loss)	2,129,342	761,825	(47,043)	166,114	453,211	—*	(1,464,252)
<b>Total Net Assets</b>	<b>\$4,682,120</b>	<b>\$ 2,386,496</b>	<b>\$485,646</b>	<b>\$ 617,799</b>	<b>\$1,053,220</b>	<b>\$ 198,704</b>	<b>\$ 4,274,800</b>
<b>CAPITAL SHARES OUTSTANDING:</b>							
Class A	189,345	13,447	17,354	22,555	9,395	183,154	255,717
Class B	194	17	33	143	4	470	1,084
Class C	2,273	2,379	414	520	114	3,415	45,225
Class E	994	N/A	N/A	375	N/A	11,416	1,285
Class I	53,020	53,276	23,439	19,488	8,494	N/A	262,927
Class N	4,322	12,094	6,011	1,763	321	250	9,392
Class R	32	411	26	27	17	N/A	6,795
Class Y	1,300	1,383	84	148	55	N/A	19,451
<b>NET ASSET VALUE PER SHARE:</b>							
Class A	\$18.01	\$28.07	\$10.26	\$13.72	\$56.56	\$1.00	\$7.10
Class B	\$13.88	\$22.66	\$10.25	\$13.71	\$44.60	\$1.00	\$7.10
Class C	\$14.65	\$23.86	\$10.25	\$13.72	\$45.65	\$1.00	\$7.10
Class E	\$17.92	N/A	N/A	\$13.72	N/A	\$1.00	\$7.10
Class I	\$20.77	\$29.05	\$10.25	\$13.73	\$58.10	N/A	\$7.10
Class N	\$20.82	\$29.21	\$10.26	\$13.74	\$58.51	\$1.00	\$7.10
Class R	\$17.82	\$27.75	\$10.23	\$13.73	\$55.69	N/A	\$7.10
Class Y	\$20.01	\$28.65	\$10.26	\$13.72	\$56.88	N/A	\$7.10
<b>+COST</b>							
Investments in unaffiliated securities at cost	\$2,805,323	\$ 1,473,170	\$472,747	\$ 464,953	\$ 648,964	\$ 199,287	\$ 4,281,538
Investments in affiliated securities at cost	—	—	—	—	—	—	323,875
Cash denominated in foreign currencies at cost	—	—	—	—	—	—	33,535
<sup>A</sup> Securities loaned at value	—	10,673	8,507	34,069	5,991	—	11,775

\*Not shown due to rounding.

(1)Consolidated Statement of Assets and Liabilities (See Note 5 in Notes to Financial Statements).

See Accompanying Notes to Financial Statements.

[Table of Contents](#)

## STATEMENTS OF ASSETS AND LIABILITIES

IVY FUNDS

AS OF MARCH 31, 2021

(In thousands, except per share amounts)	Ivy International Core Equity Fund	Ivy Large Cap Growth Fund	Ivy Limited- Term Bond Fund	Ivy Managed International Opportunities Fund	Ivy Mid Cap Growth Fund	Ivy Mid Cap Income Opportunities Fund	Ivy Municipal Bond Fund
<b>ASSETS</b>							
Investments in unaffiliated securities at value+ <sup>A</sup>	\$ 2,535,207	\$ 5,572,059	\$ 1,174,265	\$ 245	\$ 7,435,210	\$ 1,560,989	\$ 754,080
Investments in affiliated securities at value+	—	—	—	178,409	—	—	—
<b>Investments at Value</b>	<b>2,535,207</b>	<b>5,572,059</b>	<b>1,174,265</b>	<b>178,654</b>	<b>7,435,210</b>	<b>1,560,989</b>	<b>754,080</b>
Cash	15	—	30	—	—	—	—
Cash denominated in foreign currencies at value+	10,877	—	—	—	—	—	—
Investment securities sold receivable	512	5,448	7,194	—	13,601	—	—
Dividends and interest receivable	20,713	2,250	6,785	— <sup>*</sup>	383	1,357	8,025
Capital shares sold receivable	1,294	2,679	980	85	8,336	5,859	700
Receivable from affiliates	2,397	1,796	1	19	3,109	1,191	198
Receivable from securities lending income – net	32	— <sup>*</sup>	2	—	1	—	—
Prepaid and other assets	91	128	80	60	160	80	70
<b>Total Assets</b>	<b>2,571,138</b>	<b>5,584,360</b>	<b>1,189,337</b>	<b>178,818</b>	<b>7,460,800</b>	<b>1,569,476</b>	<b>763,073</b>
<b>LIABILITIES</b>							
Cash collateral on securities loaned at value	52,596	—	2,969	—	1,308	—	—
Investment securities purchased payable	—	—	10,184	41	7,185	—	5,208
Capital shares redeemed payable	3,731	3,985	1,438	308	8,443	1,576	361
Distributions payable	—	—	144	—	—	—	128
Independent Trustees and Chief Compliance Officer fees payable	284	516	104	17	454	16	155
Distribution and service fees payable	6	21	3	— <sup>*</sup>	25	2	3
Shareholder servicing payable	344	631	149	9	863	222	77
Investment management fee payable	57	92	15	— <sup>*</sup>	159	36	11
Accounting services fee payable	23	23	23	4	23	22	18
Other liabilities	283	42	81	13	53	29	18
<b>Total Liabilities</b>	<b>57,324</b>	<b>5,310</b>	<b>15,110</b>	<b>392</b>	<b>18,513</b>	<b>1,903</b>	<b>5,979</b>
<b>Commitments and Contingencies (See Note 2 and Note 14)</b>							
<b>Total Net Assets</b>	<b>\$ 2,513,814</b>	<b>\$ 5,579,050</b>	<b>\$ 1,174,227</b>	<b>\$ 178,426</b>	<b>\$ 7,442,287</b>	<b>\$ 1,567,573</b>	<b>\$ 757,094</b>
<b>NET ASSETS</b>							
Capital paid in (shares authorized – unlimited)	\$ 2,336,859	\$ 2,357,817	\$ 1,168,302	\$ 134,982	\$ 3,550,826	\$ 1,183,341	\$ 697,594
Accumulated earnings gain	176,955	3,221,233	5,925	43,444	3,891,461	384,232	59,500
<b>Total Net Assets</b>	<b>\$ 2,513,814</b>	<b>\$ 5,579,050</b>	<b>\$ 1,174,227</b>	<b>\$ 178,426</b>	<b>\$ 7,442,287</b>	<b>\$ 1,567,573</b>	<b>\$ 757,094</b>
<b>CAPITAL SHARES OUTSTANDING:</b>							
Class A	19,557	93,364	38,153	5,104	65,563	9,650	37,445
Class B	30	209	21	5	143	N/A	14
Class C	3,844	3,125	2,230	107	5,705	1,309	676
Class E	378	1,041	677	N/A	544	N/A	N/A
Class I	70,469	80,278	53,939	8,900	86,998	66,478	25,416
Class N	24,794	5,183	11,016	32	17,567	5,612	94
Class R	2,806	478	40	30	2,443	43	N/A
Class Y	4,593	1,027	243	14	9,178	2,053	36
<b>NET ASSET VALUE PER SHARE:</b>							
Class A	\$19.82	\$29.35	\$11.04	\$12.52	\$37.42	\$18.38	\$11.89
Class B	\$17.26	\$19.65	\$11.04	\$12.18	\$27.05	N/A	\$11.89
Class C	\$17.33	\$22.15	\$11.04	\$12.22	\$29.76	\$18.30	\$11.89
Class E	\$19.98	\$29.21	\$11.04	N/A	\$36.20	N/A	N/A
Class I	\$19.98	\$31.48	\$11.04	\$12.61	\$41.48	\$18.42	\$11.89
Class N	\$20.03	\$31.71	\$11.04	\$12.62	\$41.89	\$18.42	\$11.89
Class R	\$19.80	\$27.57	\$11.04	\$12.47	\$35.92	\$18.35	N/A
Class Y	\$19.98	\$30.36	\$11.04	\$12.53	\$39.57	\$18.39	\$11.89
<b>+COST</b>							
Investments in unaffiliated securities at cost	\$ 1,999,558	\$ 2,570,838	\$ 1,156,552	\$ 245	\$ 3,977,971	\$ 1,182,316	\$ 699,686
Investments in affiliated securities at cost	—	—	—	125,781	—	—	—
Cash denominated in foreign currencies at cost	10,859	—	—	—	—	—	—
<sup>A</sup> Securities loaned at value	122,344	—	9,291	—	1,278	—	—

<sup>\*</sup>Not shown due to rounding.

See Accompanying Notes to Financial Statements.

170 ANNUAL REPORT 2021

[Table of Contents](#)

## STATEMENTS OF ASSETS AND LIABILITIES

IVY FUNDS

AS OF MARCH 31, 2021

(In thousands, except per share amounts)	Ivy Municipal High Income Fund	Ivy Pzena International Value Fund	Ivy Securian Core Bond Fund	Ivy Small Cap Core Fund	Ivy Small Cap Growth Fund	Ivy Value Fund
<b>ASSETS</b>						
Investments in unaffiliated securities at value+ <sup>^</sup>	\$ 979,416	\$ 259,556	\$ 1,194,878	\$ 762,249	\$ 2,999,371	\$ 1,385,245
Investments in affiliated securities at value+	—	—	—	—	70,552	—
<b>Investments at Value</b>	<b>979,416</b>	<b>259,556</b>	<b>1,194,878</b>	<b>762,249</b>	<b>3,069,923</b>	<b>1,385,245</b>
Cash denominated in foreign currencies at value+	—	—*	—	—	—	—
Restricted cash	—	—	—	—	17,330	—
Investment securities sold receivable	—	23	11	2,656	7,914	—
Dividends and interest receivable	12,947	1,765	6,559	335	429	1,894
Capital shares sold receivable	553	300	1,211	1,322	2,434	2,863
Receivable from affiliates	224	—	1,284	437	769	28
Receivable from securities lending income – net	—	4	8	1	66	32
Variation margin receivable	—	—	166	—	—	—
Prepaid and other assets	60	56	84	68	85	68
<b>Total Assets</b>	<b>993,200</b>	<b>261,704</b>	<b>1,204,201</b>	<b>767,068</b>	<b>3,098,950</b>	<b>1,390,130</b>
<b>LIABILITIES</b>						
Cash collateral on securities loaned at value	—	11,562	2,274	3,631	12,592	37,742
Investment securities purchased payable	7,000	—	—	2,691	2,546	7,840
Capital shares redeemed payable	552	113	1,791	960	4,698	1,483
Distributions payable	258	—	214	—	—	—
Independent Trustees and Chief Compliance Officer fees payable	165	101	89	44	340	138
Distribution and service fees payable	5	1	2	2	13	3
Shareholder servicing payable	91	38	156	110	410	175
Investment management fee payable	14	5	16	18	69	25
Accounting services fee payable	22	8	23	15	23	23
Swap agreements, at value	—	—	—	—	13,113	—
Variation margin payable	—	—	318	—	—	—
Written options at value+	—	—	—	—	—	563
Other liabilities	17	25	30	22	34	48
<b>Total Liabilities</b>	<b>8,124</b>	<b>11,853</b>	<b>4,913</b>	<b>7,493</b>	<b>33,838</b>	<b>48,040</b>
<b>Commitments and Contingencies (See Note 2 and Note 14)</b>						
<b>Total Net Assets</b>	<b>\$ 985,076</b>	<b>\$ 249,851</b>	<b>\$ 1,199,288</b>	<b>\$ 759,575</b>	<b>\$ 3,065,112</b>	<b>\$ 1,342,090</b>
<b>NET ASSETS</b>						
Capital paid in (shares authorized – unlimited)	\$ 1,032,068	\$ 226,491	\$ 1,188,790	\$ 511,555	\$ 1,584,419	\$ 954,403
Accumulated earnings gain (loss)	(46,992)	23,360	10,498	248,020	1,480,693	387,687
<b>Total Net Assets</b>	<b>\$ 985,076</b>	<b>\$ 249,851</b>	<b>\$ 1,199,288</b>	<b>\$ 759,575</b>	<b>\$ 3,065,112</b>	<b>\$ 1,342,090</b>
<b>CAPITAL SHARES OUTSTANDING:</b>						
Class A	126,212	3,534	20,284	7,857	59,179	13,716
Class B	82	3	25	24	127	24
Class C	5,854	40	992	1,158	3,573	290
Class E	N/A	N/A	450	N/A	666	N/A
Class I	62,021	4,824	71,550	18,260	37,922	31,484
Class N	207	4,723	17,080	3,074	7,813	5,537
Class R	N/A	19	85	1,108	3,260	14
Class Y	887	58	641	399	4,589	5
<b>NET ASSET VALUE PER SHARE:</b>						
Class A	\$5.04	\$18.54	\$10.79	\$22.43	\$22.28	\$26.18
Class B	\$5.04	\$16.03	\$10.79	\$17.27	\$13.62	\$23.70
Class C	\$5.04	\$17.16	\$10.79	\$18.75	\$15.96	\$24.95
Class E	N/A	N/A	\$10.79	N/A	\$21.98	N/A
Class I	\$5.04	\$19.05	\$10.79	\$24.68	\$32.06	\$26.31
Class N	\$5.04	\$19.11	\$10.79	\$24.88	\$32.30	\$26.40
Class R	N/A	\$18.50	\$10.79	\$22.20	\$21.50	\$26.11
Class Y	\$5.04	\$18.85	\$10.79	\$23.73	\$29.47	\$26.14
<b>+COST</b>						
Investments in unaffiliated securities at cost	\$ 972,504	\$ 221,856	\$ 1,177,363	\$ 558,351	\$ 1,920,620	\$ 975,839
Investments in affiliated securities at cost	—	—	—	—	58,247	—
Cash denominated in foreign currencies at cost	—	—	—	—	—	—
Written options premiums received at cost	—	—	—	—	—	1,338
<sup>^</sup> Securities loaned at value	—	12,873	11,411	3,555	29,514	42,091

\*Not shown due to rounding.

See Accompanying Notes to Financial Statements.

[Table of Contents](#)

## STATEMENTS OF OPERATIONS

## IVY FUNDS

FOR THE YEAR ENDED MARCH 31, 2021

(In thousands)	Ivy Core Equity Fund	Ivy Emerging Markets Equity Fund(1)	Ivy Global Bond Fund	Ivy Global Equity Income Fund	Ivy Global Growth Fund	Ivy Government Money Market Fund	Ivy High Income Fund
<b>INVESTMENT INCOME</b>							
Dividends from unaffiliated securities	\$ 57,672	\$ 29,636	\$ —	\$ 21,503	\$ 12,038	\$ —	\$ 4,423
Foreign dividend withholding tax	(229)	(4,050)	—	(1,639)	(144)	—	—
Interest and amortization from unaffiliated securities	90	21	18,804	7	23	584	279,330
Interest and amortization from affiliated securities	—	—	—	—	—	—	1,983
Foreign interest withholding tax	—	—	1	—	—	—	—
Securities lending income – net	1	24	50	99	19	—	164
<b>Total Investment Income</b>	<b>57,534</b>	<b>25,631</b>	<b>18,855</b>	<b>19,970</b>	<b>11,936</b>	<b>584</b>	<b>285,900</b>
<b>EXPENSES</b>							
Investment management fee	26,353	16,503	2,854	4,139	8,078	740	21,393
Distribution and service fees:							
Class A	7,620	803	451	723	1,153	—	4,152
Class B	37	7	5	21	4	7	137
Class C	391	533	58	91	58	85	4,188
Class E(2)	39	—*	N/A	12	—*	—	21
Class R	2	52	2	2	5	N/A	244
Class T(3)	N/A	—*	N/A	N/A	N/A	N/A	—*
Class Y	65	101	2	10	7	N/A	343
Shareholder servicing:							
Class A	3,045	657	426	598	771	317	2,127
Class B	21	5	3	7	3	—*	31
Class C	88	85	14	23	18	6	457
Class E(2)	38	—*	N/A	18	—*	17	32
Class I	1,665	1,904	384	430	729	N/A	2,677
Class N	8	48	5	2	2	—*	7
Class R	1	26	1	1	2	N/A	126
Class T(3)	N/A	—*	N/A	N/A	N/A	N/A	—*
Class Y	40	62	1	6	5	N/A	219
Registration fees	135	134	107	109	100	125	177
Custodian fees	47	410	6	46	45	3	25
Independent Trustees and Chief Compliance Officer fees	418	103	59	64	93	14	316
Accounting services fee	275	273	141	170	245	90	275
Professional fees	60	58	48	34	41	21	855
Third-party valuation service fees	2	13	—	6	4	—	—
Commitment and interest expense for borrowing	—	—	—	—	—	—	274
Other	241	145	57	71	282	34	277
<b>Total Expenses</b>	<b>40,591</b>	<b>21,922</b>	<b>4,624</b>	<b>6,583</b>	<b>11,645</b>	<b>1,459</b>	<b>38,353</b>
Less:							
Expenses in excess of limit	(81)	(1,334)	(782)	(166)	(142)	(959)	(258)
<b>Total Net Expenses</b>	<b>40,510</b>	<b>20,588</b>	<b>3,842</b>	<b>6,417</b>	<b>11,503</b>	<b>500</b>	<b>38,095</b>
<b>Net Investment Income</b>	<b>17,024</b>	<b>5,043</b>	<b>15,013</b>	<b>13,553</b>	<b>433</b>	<b>84</b>	<b>247,805</b>
<b>REALIZED AND UNREALIZED GAIN (LOSS)</b>							
Net realized gain (loss) on:							
Investments in unaffiliated securities	311,674	191,968	(15,919)	27,411	105,879	—*	(141,259)
Foreign currency exchange transactions	(15)	(343)	41	24	(158)	—	(345)
Net change in unrealized appreciation (depreciation) on:							
Investments in unaffiliated securities	1,527,081	798,525	56,334	185,513	306,535	—	1,035,490
Investments in affiliated securities	—	—	—	—	—	—	(162,405)
Forward foreign currency contracts	—	—	—	—	—	—	253
Foreign currency exchange transactions	—	86	3	51	41	—	403
<b>Net Realized and Unrealized Gain</b>	<b>1,838,740</b>	<b>990,236</b>	<b>40,459</b>	<b>212,999</b>	<b>412,297</b>	<b>—</b>	<b>732,137</b>
<b>Net Increase in Net Assets Resulting from Operations</b>	<b>\$ 1,855,764</b>	<b>\$ 995,279</b>	<b>\$ 55,472</b>	<b>\$ 226,552</b>	<b>\$ 412,730</b>	<b>\$ 84</b>	<b>\$ 979,942</b>

\*Not shown due to rounding.

(1)Consolidated Statement of Operations (See Note 5 in Notes to Financial Statements).

(2)Effective June 19, 2020, Ivy Emerging Markets Equity Fund and Ivy Global Growth Fund liquidated Class E shares.

(3)Effective June 19, 2020, Ivy Emerging Markets Equity Fund and Ivy High Income Fund liquidated Class T shares.

See Accompanying Notes to Financial Statements.

[Table of Contents](#)

## STATEMENTS OF OPERATIONS

## IVY FUNDS

FOR THE YEAR ENDED MARCH 31, 2021

(In thousands)	Ivy International Core Equity Fund	Ivy Large Cap Growth Fund	Ivy Limited- Term Bond Fund	Ivy Managed International Opportunities Fund	Ivy Mid Cap Growth Fund	Ivy Mid Cap Income Opportunities Fund	Ivy Municipal Bond Fund
<b>INVESTMENT INCOME</b>							
Dividends from unaffiliated securities	\$ 72,568	\$ 38,817	\$ —	\$ —	\$ 29,297	\$ 26,922	\$ 468
Dividends from affiliated securities	—	—	—	2,121	—	—	—
Foreign dividend withholding tax	(5,144)	(82)	—	—	—	—	—
Interest and amortization from unaffiliated securities	461	55	26,355	1	101	19	22,575
Securities lending income — net	421	—*	9	—	254	1	—
<b>Total Investment Income</b>	<b>68,306</b>	<b>38,790</b>	<b>26,364</b>	<b>2,122</b>	<b>29,652</b>	<b>26,942</b>	<b>23,043</b>
<b>EXPENSES</b>							
Investment management fee	22,553	31,849	5,352	84	48,857	8,667	3,914
Distribution and service fees:							
Class A	906	6,372	1,005	140	5,303	352	1,124
Class B	8	51	7	1	56	N/A	3
Class C	753	821	328	13	1,875	198	128
Class E(1)	17	69	18	—*	43	1	N/A
Class R	266	74	3	3	366	12	N/A
Class T(2)	—*	N/A	N/A	N/A	N/A	N/A	N/A
Class Y	282	80	10	—*	800	71	1
Shareholder servicing:							
Class A	815	2,519	498	41	2,377	231	298
Class B	5	16	3	1	20	N/A	1
Class C	130	152	41	2	243	34	19
Class E(1)	30	59	12	—*	45	—*	N/A
Class I	2,472	3,942	951	19	4,879	1,268	462
Class N	68	18	11	—*	76	20	—*
Class R	134	38	2	—*	185	6	N/A
Class T(2)	—*	N/A	N/A	N/A	N/A	N/A	N/A
Class Y	180	50	7	—*	486	46	1
Registration fees	153	167	148	98	189	140	93
Custodian fees	262	51	15	1	86	9	8
Independent Trustees and Chief Compliance Officer fees	188	368	80	11	382	48	86
Accounting services fee	275	275	274	43	274	233	213
Professional fees	57	90	38	22	78	31	43
Third-party valuation service fees	14	—	—	—	—*	—	—
Other	215	271	88	33	320	81	59
<b>Total Expenses</b>	<b>29,783</b>	<b>47,332</b>	<b>8,891</b>	<b>512</b>	<b>66,940</b>	<b>11,448</b>	<b>6,453</b>
Less:							
Expenses in excess of limit	(5,095)	(3,606)	(3)	(57)	(5,972)	(2,010)	(403)
<b>Total Net Expenses</b>	<b>24,688</b>	<b>43,726</b>	<b>8,888</b>	<b>455</b>	<b>60,968</b>	<b>9,438</b>	<b>6,050</b>
<b>Net Investment Income (Loss)</b>	<b>43,618</b>	<b>(4,936)</b>	<b>17,476</b>	<b>1,667</b>	<b>(31,316)</b>	<b>17,504</b>	<b>16,993</b>
<b>REALIZED AND UNREALIZED GAIN (LOSS)</b>							
Net realized gain (loss) on:							
Investments in unaffiliated securities	19,561	478,902	9,188	—	746,944	18,853	12,890
Investments in affiliated securities	—	—	—	(4,440)	—	—	—
Distributions of realized capital gains from affiliated securities	—	—	—	1,123	—	—	—
Written options	—	—	—	—	21,677	—	—
Forward foreign currency contracts	9,792	—	—	—	—	—	—
Foreign currency exchange transactions	420	—	—	—	—	—	—
Net change in unrealized appreciation (depreciation) on:							
Investments in unaffiliated securities	1,060,423	1,604,172	8,409	—	2,650,782	473,596	871
Investments in affiliated securities	—	—	—	80,508	—	—	—
Written options	—	—	—	—	836	—	—
Forward foreign currency contracts	(3,597)	—	—	—	—	—	—
Foreign currency exchange transactions	856	—	—	—	—	—	—
<b>Net Realized and Unrealized Gain</b>	<b>1,087,455</b>	<b>2,083,074</b>	<b>17,597</b>	<b>77,191</b>	<b>3,420,239</b>	<b>492,449</b>	<b>13,761</b>
<b>Net Increase in Net Assets Resulting from Operations</b>	<b>\$ 1,131,073</b>	<b>\$ 2,078,138</b>	<b>\$ 35,073</b>	<b>\$ 78,858</b>	<b>\$ 3,388,923</b>	<b>\$ 509,953</b>	<b>\$ 30,754</b>

\*Not shown due to rounding.

(1)Effective June 19, 2020, Ivy Managed International Opportunities Fund and Ivy Mid Cap Income Opportunities Fund liquidated Class E shares.

(2)Effective June 19, 2020, Ivy International Core Equity Fund liquidated Class T shares.

See Accompanying Notes to Financial Statements.

[Table of Contents](#)**STATEMENTS OF OPERATIONS**

IVY FUNDS

FOR THE YEAR ENDED MARCH 31, 2021

(In thousands)	Ivy Municipal High Income Fund	Ivy Pzena International Value Fund	Ivy Securian Core Bond Fund	Ivy Small Cap Core Fund	Ivy Small Cap Growth Fund	Ivy Value Fund
<b>INVESTMENT INCOME</b>						
Dividends from unaffiliated securities	\$ —	\$ 6,397	\$ 53	\$ 6,289	\$ 8,351	\$ 29,318
Foreign dividend withholding tax	—	(634)	—	—	—	(212)
Interest and amortization from unaffiliated securities	44,005	3	31,945	7	91	40
Securities lending income — net	—	60	30	6	396	78
<b>Total Investment Income</b>	<b>44,005</b>	<b>5,826</b>	<b>32,028</b>	<b>6,302</b>	<b>8,838</b>	<b>29,224</b>
<b>EXPENSES</b>						
Investment management fee	5,155	2,244	6,063	5,352	22,017	7,975
Distribution and service fees:						
Class A	1,548	139	541	350	2,784	751
Class B	14	1	6	5	25	7
Class C	576	8	139	208	622	79
Class E <sup>(1)</sup>	N/A	N/A	11	—*	30	—*
Class R	N/A	1	6	93	299	2
Class T <sup>(2)</sup>	N/A	N/A	N/A	—*	—*	N/A
Class Y	13	2	26	22	299	1
Shareholder servicing:						
Class A	363	200	374	328	1,642	576
Class B	3	1	2	2	16	5
Class C	56	3	26	42	110	19
Class E <sup>(1)</sup>	N/A	N/A	15	—*	39	—*
Class I	519	152	1,282	630	1,752	1,196
Class N	—*	8	20	16	28	13
Class R	N/A	1	3	47	153	1
Class T <sup>(2)</sup>	N/A	N/A	N/A	—*	—*	N/A
Class Y	8	2	17	14	184	—*
Registration fees	105	98	141	120	150	140
Custodian fees	13	24	22	19	25	12
Independent Trustees and Chief Compliance Officer fees	99	26	88	38	191	89
Accounting services fee	265	95	275	175	275	267
Professional fees	61	35	56	35	56	37
Third-party valuation service fees	—	13	1	—	—	—
Commitment and interest expense for borrowing	72	—	—	—	—	—
Other	85	42	91	64	171	95
<b>Total Expenses</b>	<b>8,955</b>	<b>3,095</b>	<b>9,205</b>	<b>7,560</b>	<b>30,868</b>	<b>11,265</b>
Less:						
Expenses in excess of limit	(497)	(471)	(2,604)	(863)	(1,527)	(64)
<b>Total Net Expenses</b>	<b>8,458</b>	<b>2,624</b>	<b>6,601</b>	<b>6,697</b>	<b>29,341</b>	<b>11,201</b>
<b>Net Investment Income (Loss)</b>	<b>35,547</b>	<b>3,202</b>	<b>25,427</b>	<b>(395)</b>	<b>(20,503)</b>	<b>18,023</b>
<b>REALIZED AND UNREALIZED GAIN (LOSS)</b>						
Net realized gain (loss) on:						
Investments in unaffiliated securities	(26,979)	(14,154)	19,715	64,015	621,943	(26,045)
Investments in affiliated securities	—	—	—	—	(28)	—
Futures contracts	—	—	2,025	—	—	—
Written options	—	—	—	—	479	3,255
Swap agreements	—	—	—	—	53,435	—
Foreign currency exchange transactions	—	41	—	—	—	—
Net change in unrealized appreciation (depreciation) on:						
Investments in unaffiliated securities	61,272	129,699	47,460	286,005	856,330	540,633
Investments in affiliated securities	—	—	—	—	17,239	—
Futures contracts	—	—	(8,202)	—	—	—
Written options	—	—	—	—	—	5,699
Swap agreements	—	—	—	—	805	—
Foreign currency exchange transactions	—	38	—	—	—	—
<b>Net Realized and Unrealized Gain</b>	<b>34,293</b>	<b>115,624</b>	<b>60,998</b>	<b>350,020</b>	<b>1,550,203</b>	<b>523,542</b>
<b>Net Increase in Net Assets Resulting from Operations</b>	<b>\$ 69,840</b>	<b>\$ 118,826</b>	<b>\$ 86,425</b>	<b>\$ 349,625</b>	<b>\$ 1,529,700</b>	<b>\$ 541,565</b>

\*Not shown due to rounding.

(1)Effective June 19, 2020, Ivy Small Cap Core Fund and Ivy Value Fund liquidated Class E shares.

(2)Effective June 19, 2020, Ivy Small Cap Core Fund and Ivy Small Cap Growth Fund liquidated Class T shares.

See Accompanying Notes to Financial Statements.

[Table of Contents](#)**STATEMENTS OF CHANGES IN NET ASSETS**

IVY FUNDS

(In thousands)	Ivy Core Equity Fund		Ivy Emerging Markets Equity Fund(1)		Ivy Global Bond Fund	
	Year ended 3-31-21	Year ended 3-31-20	Year ended 3-31-21	Year ended 3-31-20	Year ended 3-31-21	Year ended 3-31-20
<b>INCREASE (DECREASE) IN NET ASSETS</b>						
<b>Operations:</b>						
Net investment income	\$ 17,024	\$ 19,521	\$ 5,043	\$ 16,995	\$ 15,013	\$ 16,705
Net realized gain (loss) on investments	311,659	306,875	191,625	(72,296)	(15,878)	(5,667)
Net change in unrealized appreciation (depreciation)	1,527,081	(397,665)	798,611	(242,780)	56,337	(20,838)
<b>Net Increase (Decrease) in Net Assets Resulting from Operations</b>	<b>1,855,764</b>	<b>(71,269)</b>	<b>995,279</b>	<b>(298,081)</b>	<b>55,472</b>	<b>(9,800)</b>
<b>Distributions to Shareholders From:</b>						
Accumulated earnings: (combined net investment income and net realized gains)						
Class A	(81,922)	(293,343)	(2,691)	(2,416)	(4,774)	(4,007)
Class B	(99)	(665)	(2)	(4)	(8)	(10)
Class C	(1,087)	(5,171)	(240)	(266)	(111)	(91)
Class E(2)	(421)	(1,416)	—	(3)	N/A	N/A
Class I	(25,154)	(94,271)	(13,665)	(12,905)	(6,461)	(5,277)
Class N	(2,253)	(3,363)	(3,385)	(3,097)	(1,350)	(685)
Class R	(12)	(45)	(60)	(70)	(9)	(11)
Class T(2)	N/A	N/A	—	(3)	N/A	N/A
Class Y	(652)	(2,632)	(350)	(348)	(24)	(18)
<b>Total Distributions to Shareholders</b>	<b>(111,600)</b>	<b>(400,906)</b>	<b>(20,393)</b>	<b>(19,112)</b>	<b>(12,737)</b>	<b>(10,099)</b>
<b>Capital Share Transactions</b>	<b>(439,273)</b>	<b>(298,361)</b>	<b>72,660</b>	<b>(331,226)</b>	<b>36,481</b>	<b>(67,500)</b>
<b>Net Increase (Decrease) in Net Assets</b>	<b>1,304,891</b>	<b>(770,536)</b>	<b>1,047,546</b>	<b>(648,419)</b>	<b>79,216</b>	<b>(87,399)</b>
<b>Net Assets, Beginning of Period</b>	<b>3,377,229</b>	<b>4,147,765</b>	<b>1,338,950</b>	<b>1,987,369</b>	<b>406,430</b>	<b>493,829</b>
<b>Net Assets, End of Period</b>	<b>\$ 4,682,120</b>	<b>\$ 3,377,229</b>	<b>\$ 2,386,496</b>	<b>\$ 1,338,950</b>	<b>\$ 485,646</b>	<b>\$ 406,430</b>

(1)Consolidated Statements of Changes in Net Assets (See Note 5 in Notes to Financial Statements).

(2)Effective June 19, 2020, Ivy Emerging Markets Equity Fund liquidated Class E and Class T shares.

See Accompanying Notes to Financial Statements.

[Table of Contents](#)**STATEMENTS OF CHANGES IN NET ASSETS**

IVY FUNDS

(In thousands)	Ivy Global Equity Income Fund		Ivy Global Growth Fund		Ivy Government Money Market Fund	
	Year ended 3-31-21	Year ended 3-31-20	Year ended 3-31-21	Year ended 3-31-20	Year ended 3-31-21	Year ended 3-31-20
<b>INCREASE (DECREASE) IN NET ASSETS</b>						
<b>Operations:</b>						
Net investment income	\$ 13,553	\$ 19,332	\$ 433	\$ 2,347	\$ 84	\$ 1,991
Net realized gain (loss) on investments	27,435	7,938	105,721	(8,962)	—*	4
Net change in unrealized appreciation (depreciation)	185,564	(127,774)	306,576	(86,313)	—	—
<b>Net Increase (Decrease) in Net Assets Resulting from Operations</b>	<b>226,552</b>	<b>(100,504)</b>	<b>412,730</b>	<b>(92,928)</b>	<b>84</b>	<b>1,995</b>
<b>Distributions to Shareholders From:</b>						
Accumulated earnings: (combined net investment income and net realized gains)						
Class A	(9,618)	(12,388)	(25,825)	(4,482)	(80)	(1,707)
Class B	(55)	(100)	(27)	(6)	—*	(5)
Class C	(230)	(453)	(385)	(69)	(1)	(38)
Class E <sup>(1)</sup>	(163)	(188)	—	(2)	(6)	(118)
Class I	(9,342)	(12,823)	(23,567)	(5,329)	N/A	N/A
Class N	(836)	(883)	(952)	(255)	(2)	(123)
Class R	(12)	(22)	(47)	(9)	N/A	N/A
Class Y	(101)	(234)	(154)	(32)	N/A	N/A
<b>Total Distributions to Shareholders</b>	<b>(20,357)</b>	<b>(27,091)</b>	<b>(50,957)</b>	<b>(10,184)</b>	<b>(89)</b>	<b>(1,991)</b>
<b>Capital Share Transactions</b>	<b>(128,990)</b>	<b>(154,646)</b>	<b>(47,241)</b>	<b>(106,132)</b>	<b>4,070</b>	<b>36,832</b>
<b>Net Increase (Decrease) in Net Assets</b>	<b>77,205</b>	<b>(282,241)</b>	<b>314,532</b>	<b>(209,244)</b>	<b>4,065</b>	<b>36,836</b>
<b>Net Assets, Beginning of Period</b>	<b>540,594</b>	<b>822,835</b>	<b>738,688</b>	<b>947,932</b>	<b>194,639</b>	<b>157,803</b>
<b>Net Assets, End of Period</b>	<b>\$ 617,799</b>	<b>\$ 540,594</b>	<b>\$ 1,053,220</b>	<b>\$ 738,688</b>	<b>\$ 198,704</b>	<b>\$ 194,639</b>

\*Not shown due to rounding.

<sup>(1)</sup>Effective June 19, 2020, Ivy Global Growth Fund liquidated Class E shares.

See Accompanying Notes to Financial Statements.

[Table of Contents](#)

## STATEMENTS OF CHANGES IN NET ASSETS

IVY FUNDS

(In thousands)	Ivy High Income Fund		Ivy International Core Equity Fund		Ivy Large Cap Growth Fund	
	Year ended 3-31-21	Year ended 3-31-20	Year ended 3-31-21	Year ended 3-31-20	Year ended 3-31-21	Year ended 3-31-20
<b>INCREASE (DECREASE) IN NET ASSETS</b>						
<b>Operations:</b>						
Net investment income (loss)	\$ 247,805	\$ 330,246	\$ 43,618	\$ 90,986	\$ (4,936)	\$ 2,751
Net realized gain (loss) on investments	(141,604)	(11,676)	29,773	(195,003)	478,902	537,176
Net change in unrealized appreciation (depreciation)	873,741	(827,494)	1,057,682	(479,235)	1,604,172	(413,560)
<b>Net Increase (Decrease) in Net Assets Resulting from Operations</b>	<b>979,942</b>	<b>(508,924)</b>	<b>1,131,073</b>	<b>(583,252)</b>	<b>2,078,138</b>	<b>126,367</b>
<b>Distributions to Shareholders From:</b>						
Accumulated earnings: (combined net investment income and net realized gains)						
Class A	(107,719)	(126,473)	(3,688)	(12,210)	(170,543)	(264,261)
Class B	(810)	(1,909)	(3)	(38)	(457)	(1,175)
Class C	(24,612)	(37,730)	(448)	(2,512)	(7,120)	(11,518)
Class E	(549)	(611)	(72)	(174)	(1,860)	(2,576)
Class I	(110,939)	(138,803)	(20,933)	(62,690)	(155,259)	(243,543)
Class N	(4,483)	(5,499)	(7,957)	(27,289)	(9,887)	(12,279)
Class R	(2,987)	(3,824)	(403)	(2,182)	(929)	(2,336)
Class T <sup>(1)</sup>	(4)	(18)	—	(6)	N/A	N/A
Class Y	(8,943)	(14,364)	(1,020)	(7,974)	(2,094)	(3,428)
<b>Total Distributions to Shareholders</b>	<b>(261,046)</b>	<b>(329,231)</b>	<b>(34,524)</b>	<b>(115,075)</b>	<b>(348,149)</b>	<b>(541,116)</b>
<b>Capital Share Transactions</b>	<b>(112,251)</b>	<b>(585,712)</b>	<b>(1,314,858)</b>	<b>(2,378,971)</b>	<b>(145,759)</b>	<b>46,626</b>
<b>Net Increase (Decrease) in Net Assets</b>	<b>606,645</b>	<b>(1,423,867)</b>	<b>(218,309)</b>	<b>(3,077,298)</b>	<b>1,584,230</b>	<b>(368,123)</b>
<b>Net Assets, Beginning of Period</b>	<b>3,668,155</b>	<b>5,092,022</b>	<b>2,732,123</b>	<b>5,809,421</b>	<b>3,994,820</b>	<b>4,362,943</b>
<b>Net Assets, End of Period</b>	<b>\$ 4,274,800</b>	<b>\$ 3,668,155</b>	<b>\$ 2,513,814</b>	<b>\$ 2,732,123</b>	<b>\$ 5,579,050</b>	<b>\$ 3,994,820</b>

(1) Effective June 19, 2020, Ivy High Income Fund and Ivy International Core Equity Fund liquidated Class T shares.

See Accompanying Notes to Financial Statements.

[Table of Contents](#)**STATEMENTS OF CHANGES IN NET ASSETS**

IVY FUNDS

	Ivy Limited-Term Bond Fund		Ivy Managed International Opportunities Fund		Ivy Mid Cap Growth Fund	
	Year ended 3-31-21	Year ended 3-31-20	Year ended 3-31-21	Year ended 3-31-20	Year ended 3-31-21	Year ended 3-31-20
<b>(In thousands)</b>						
<b>INCREASE (DECREASE) IN NET ASSETS</b>						
<b>Operations:</b>						
Net investment income (loss)	\$ 17,476	\$ 23,289	\$ 1,667	\$ 3,637	\$ (31,316)	\$ (17,985)
Net realized gain (loss) on investments	9,188	11,479	(3,317)	(1,881)	768,621	616,947
Net change in unrealized appreciation (depreciation)	8,409	2,615	80,508	(31,745)	2,651,618	(855,297)
<b>Net Increase (Decrease) in Net Assets Resulting from Operations</b>	<b>35,073</b>	<b>37,383</b>	<b>78,858</b>	<b>(29,989)</b>	<b>3,388,923</b>	<b>(256,335)</b>
<b>Distributions to Shareholders From:</b>						
Accumulated earnings: (combined net investment income and net realized gains)						
Class A	(5,604)	(7,105)	(487)	(3,916)	(220,293)	(88,160)
Class B	(4)	(24)	—*	(13)	(682)	(640)
Class C	(215)	(426)	(5)	(115)	(23,823)	(10,926)
Class E <sup>(1)</sup>	(94)	(100)	—	(34)	(1,820)	(700)
Class I	(9,561)	(12,919)	(1,170)	(7,640)	(293,204)	(116,194)
Class N	(1,954)	(2,960)	(4)	(21)	(50,666)	(14,986)
Class R	(6)	(8)	(3)	(41)	(7,927)	(3,132)
Class Y	(60)	(126)	(1)	(12)	(32,124)	(13,500)
<b>Total Distributions to Shareholders</b>	<b>(17,498)</b>	<b>(23,668)</b>	<b>(1,670)</b>	<b>(11,792)</b>	<b>(630,539)</b>	<b>(248,238)</b>
<b>Capital Share Transactions</b>	<b>32,056</b>	<b>(177,454)</b>	<b>(36,774)</b>	<b>(17)</b>	<b>718,179</b>	<b>(322,806)</b>
<b>Net Increase (Decrease) in Net Assets</b>	<b>49,631</b>	<b>(163,739)</b>	<b>40,414</b>	<b>(41,798)</b>	<b>3,476,563</b>	<b>(827,379)</b>
<b>Net Assets, Beginning of Period</b>	<b>1,124,596</b>	<b>1,288,335</b>	<b>138,012</b>	<b>179,810</b>	<b>3,965,724</b>	<b>4,793,103</b>
<b>Net Assets, End of Period</b>	<b>\$ 1,174,227</b>	<b>\$ 1,124,596</b>	<b>\$ 178,426</b>	<b>\$ 138,012</b>	<b>\$ 7,442,287</b>	<b>\$ 3,965,724</b>

\*Not shown due to rounding.

<sup>(1)</sup>Effective June 19, 2020, Ivy Managed International Opportunities Fund liquidated Class E shares.

See Accompanying Notes to Financial Statements.

[Table of Contents](#)**STATEMENTS OF CHANGES IN NET ASSETS**

IVY FUNDS

(In thousands)	Ivy Mid Cap Income Opportunities Fund		Ivy Municipal Bond Fund		Ivy Municipal High Income Fund	
	Year ended 3-31-21	Year ended 3-31-20	Year ended 3-31-21	Year ended 3-31-20	Year ended 3-31-21	Year ended 3-31-20
<b>INCREASE (DECREASE) IN NET ASSETS</b>						
<b>Operations:</b>						
Net investment income	\$ 17,504	\$ 15,515	\$ 16,993	\$ 23,182	\$ 35,547	\$ 44,582
Net realized gain (loss) on investments	18,853	(13,615)	12,890	(1,888)	(26,979)	11,272
Net change in unrealized appreciation (depreciation)	473,596	(166,351)	871	(304)	61,272	(44,028)
<b>Net Increase (Decrease) in Net Assets Resulting from Operations</b>	<b>509,953</b>	<b>(164,451)</b>	<b>30,754</b>	<b>20,990</b>	<b>69,840</b>	<b>11,826</b>
<b>Distributions to Shareholders From:</b>						
Accumulated earnings: (combined net investment income and net realized gains)						
Class A	(1,930)	(3,082)	(9,944)	(13,288)	(21,388)	(24,788)
Class B	N/A	N/A	(5)	(18)	(40)	(139)
Class C	(140)	(242)	(174)	(348)	(1,633)	(2,896)
Class E <sup>(1)</sup>	(12)	(65)	N/A	N/A	N/A	N/A
Class I	(13,645)	(12,351)	(6,867)	(9,198)	(12,085)	(16,465)
Class N	(1,307)	(1,800)	(24)	(23)	(43)	(59)
Class R	(25)	(59)	N/A	N/A	N/A	N/A
Class Y	(368)	(340)	(10)	(14)	(174)	(237)
<b>Total Distributions to Shareholders</b>	<b>(17,427)</b>	<b>(17,939)</b>	<b>(17,024)</b>	<b>(22,889)</b>	<b>(35,363)</b>	<b>(44,584)</b>
<b>Capital Share Transactions</b>	<b>465,094</b>	<b>128,906</b>	<b>(20,600)</b>	<b>(47,574)</b>	<b>(103,740)</b>	<b>(111,326)</b>
<b>Net Increase (Decrease) in Net Assets</b>	<b>957,620</b>	<b>(53,484)</b>	<b>(6,870)</b>	<b>(49,473)</b>	<b>(69,263)</b>	<b>(144,084)</b>
<b>Net Assets, Beginning of Period</b>	<b>609,953</b>	<b>663,437</b>	<b>763,964</b>	<b>813,437</b>	<b>1,054,339</b>	<b>1,198,423</b>
<b>Net Assets, End of Period</b>	<b>\$ 1,567,573</b>	<b>\$ 609,953</b>	<b>\$ 757,094</b>	<b>\$ 763,964</b>	<b>\$ 985,076</b>	<b>\$ 1,054,339</b>

(1) Effective June 19, 2020, Ivy Mid Cap Income Opportunities Fund liquidated Class E shares.

See Accompanying Notes to Financial Statements.

[Table of Contents](#)**STATEMENTS OF CHANGES IN NET ASSETS**

IVY FUNDS

(In thousands)	Ivy Pzena International Value Fund		Ivy Securian Core Bond Fund		Ivy Small Cap Core Fund	
	Year ended 3-31-21	Year ended 3-31-20	Year ended 3-31-21	Year ended 3-31-20	Year ended 3-31-21	Year ended 3-31-20
<b>INCREASE (DECREASE) IN NET ASSETS</b>						
<b>Operations:</b>						
Net investment income (loss)	\$ 3,202	\$ 6,910	\$ 25,427	\$ 30,589	\$ (395)	\$ 331
Net realized gain (loss) on investments	(14,113)	450	21,740	18,822	64,015	6,563
Net change in unrealized appreciation (depreciation)	129,737	(67,813)	39,258	(31,757)	286,005	(157,174)
<b>Net Increase (Decrease) in Net Assets Resulting from Operations</b>	<b>118,826</b>	<b>(60,453)</b>	<b>86,425</b>	<b>17,654</b>	<b>349,625</b>	<b>(150,280)</b>
<b>Distributions to Shareholders From:</b>						
Accumulated earnings: (combined net investment income and net realized gains)						
Class A	(661)	(1,540)	(9,272)	(6,569)	—	(1,140)
Class B	—	(1)	(17)	(34)	—	(10)
Class C	(4)	(31)	(499)	(329)	—	(242)
Class E <sup>(1)</sup>	—	—	(192)	(124)	—	(1)
Class I	(1,233)	(2,612)	(37,207)	(26,863)	—	(3,408)
Class N	(1,326)	(2,907)	(8,070)	(6,153)	—	(627)
Class R	(3)	(7)	(40)	(46)	—	(140)
Class T <sup>(1)</sup>	N/A	N/A	N/A	N/A	—	(2)
Class Y	(13)	(24)	(437)	(282)	—	(70)
<b>Total Distributions to Shareholders</b>	<b>(3,240)</b>	<b>(7,122)</b>	<b>(55,734)</b>	<b>(40,400)</b>	<b>—</b>	<b>(5,640)</b>
<b>Capital Share Transactions</b>	<b>(71,225)</b>	<b>(5,601)</b>	<b>64,336</b>	<b>229,754</b>	<b>(110,339)</b>	<b>(36,963)</b>
<b>Net Increase (Decrease) in Net Assets</b>	<b>44,361</b>	<b>(73,176)</b>	<b>95,027</b>	<b>207,008</b>	<b>239,286</b>	<b>(192,883)</b>
<b>Net Assets, Beginning of Period</b>	<b>205,490</b>	<b>278,666</b>	<b>1,104,261</b>	<b>897,253</b>	<b>520,289</b>	<b>713,172</b>
<b>Net Assets, End of Period</b>	<b>\$ 249,851</b>	<b>\$ 205,490</b>	<b>\$ 1,199,288</b>	<b>\$ 1,104,261</b>	<b>\$ 759,575</b>	<b>\$ 520,289</b>

(1) Effective June 19, 2020, Ivy Small Cap Core Fund liquidated Class E and Class T shares.

See Accompanying Notes to Financial Statements.

[Table of Contents](#)

## STATEMENTS OF CHANGES IN NET ASSETS

IVY FUNDS

(In thousands)	Ivy Small Cap Growth Fund		Ivy Value Fund	
	Year ended 3-31-21	Year ended 3-31-20	Year ended 3-31-21	Year ended 3-31-20
<b>INCREASE (DECREASE) IN NET ASSETS</b>				
<b>Operations:</b>				
Net investment income (loss)	\$ (20,503)	\$ (17,894)	\$ 18,023	\$ 20,132
Net realized gain (loss) on investments	675,829	65,942	(22,790)	90,372
Net change in unrealized appreciation (depreciation)	874,374	(449,336)	546,332	(311,264)
<b>Net Increase (Decrease) in Net Assets Resulting from Operations</b>	<b>1,529,700</b>	<b>(401,288)</b>	<b>541,565</b>	<b>(200,760)</b>
<b>Distributions to Shareholders From:</b>				
Accumulated earnings: (combined net investment income and net realized gains)				
Class A	(108,060)	(68,316)	(10,264)	(32,335)
Class B	(341)	(446)	(19)	(124)
Class C	(8,294)	(6,197)	(213)	(1,093)
Class E <sup>(1)</sup>	(1,201)	(704)	(1)	(19)
Class I	(74,138)	(51,579)	(27,111)	(53,416)
Class N	(14,980)	(8,253)	(4,904)	(12,483)
Class R	(5,930)	(4,069)	(10)	(31)
Class T <sup>(2)</sup>	—	(16)	N/A	N/A
Class Y	(8,794)	(6,603)	(4)	(11)
<b>Total Distributions to Shareholders</b>	<b>(221,738)</b>	<b>(146,183)</b>	<b>(42,526)</b>	<b>(99,512)</b>
<b>Capital Share Transactions</b>	<b>(165,687)</b>	<b>(129,719)</b>	<b>(51,466)</b>	<b>105,748</b>
<b>Net Increase (Decrease) in Net Assets</b>	<b>1,142,275</b>	<b>(677,190)</b>	<b>447,573</b>	<b>(194,524)</b>
<b>Net Assets, Beginning of Period</b>	<b>1,922,837</b>	<b>2,600,027</b>	<b>894,517</b>	<b>1,089,041</b>
<b>Net Assets, End of Period</b>	<b>\$ 3,065,112</b>	<b>\$ 1,922,837</b>	<b>\$ 1,342,090</b>	<b>\$ 894,517</b>

(1)Effective June 19, 2020, Ivy Value Fund liquidated Class E shares.

(2)Effective June 19, 2020, Ivy Small Cap Growth Fund liquidated Class T shares.

See Accompanying Notes to Financial Statements.

[Table of Contents](#)

## FINANCIAL HIGHLIGHTS

## IVY FUNDS

FOR A SHARE OF CAPITAL STOCK OUTSTANDING THROUGHOUT EACH PERIOD

## IVY CORE EQUITY FUND

	Net Asset Value, Beginning of Period	Net Investment Income (Loss)(1)	Net Realized and Unrealized Gain (Loss) on Investments	Total from Investment Operations	Distributions From Net Investment Income	Distributions From Net Realized Gains	Total Distributions
<b>Class A Shares</b>							
Year ended 3-31-2021	\$ 11.73	\$ 0.06	\$ 6.65	\$ 6.71	\$ (0.04)	\$ (0.39)	\$ (0.43)
Year ended 3-31-2020	13.47	0.06	(0.29)	(0.23)	(0.09)	(1.42)	(1.51)
Year ended 3-31-2019	14.78	0.09	0.60	0.69	(0.09)	(1.91)	(2.00)
Year ended 3-31-2018	13.55	0.05	2.11	2.16	(0.03)	(0.90)	(0.93)
Year ended 3-31-2017	12.73	0.03	1.28	1.31	(0.05)	(0.44)	(0.49)
<b>Class B Shares(4)</b>							
Year ended 3-31-2021	9.16	(0.08)	5.17	5.09	—	(0.37)	(0.37)
Year ended 3-31-2020	10.81	(0.08)	(0.18)	(0.26)	—*	(1.39)	(1.39)
Year ended 3-31-2019	12.21	(0.06)	0.48	0.42	—	(1.82)	(1.82)
Year ended 3-31-2018	11.42	(0.09)	1.77	1.68	—	(0.89)	(0.89)
Year ended 3-31-2017	10.85	(0.09)	1.10	1.01	—	(0.44)	(0.44)
<b>Class C Shares</b>							
Year ended 3-31-2021	9.63	(0.06)	5.45	5.39	—	(0.37)	(0.37)
Year ended 3-31-2020	11.31	(0.05)	(0.22)	(0.27)	(0.01)	(1.40)	(1.41)
Year ended 3-31-2019	12.69	(0.03)	0.51	0.48	—	(1.86)	(1.86)
Year ended 3-31-2018	11.81	(0.06)	1.83	1.77	—	(0.89)	(0.89)
Year ended 3-31-2017	11.19	(0.07)	1.13	1.06	—	(0.44)	(0.44)
<b>Class E Shares</b>							
Year ended 3-31-2021	11.67	0.06	6.62	6.68	(0.04)	(0.39)	(0.43)
Year ended 3-31-2020	13.40	0.06	(0.29)	(0.23)	(0.08)	(1.42)	(1.50)
Year ended 3-31-2019	14.71	0.08	0.59	0.67	(0.07)	(1.91)	(1.98)
Year ended 3-31-2018	13.50	0.04	2.10	2.14	(0.03)	(0.90)	(0.93)
Year ended 3-31-2017	12.67	0.03	1.28	1.31	(0.04)	(0.44)	(0.48)
<b>Class I Shares</b>							
Year ended 3-31-2021	13.47	0.10	7.66	7.76	(0.07)	(0.39)	(0.46)
Year ended 3-31-2020	15.27	0.10	(0.37)	(0.27)	(0.11)	(1.42)	(1.53)
Year ended 3-31-2019	16.48	0.14	0.69	0.83	(0.13)	(1.91)	(2.04)
Year ended 3-31-2018	15.01	0.09	2.35	2.44	(0.07)	(0.90)	(0.97)
Year ended 3-31-2017	14.05	0.08	1.41	1.49	(0.09)	(0.44)	(0.53)
<b>Class N Shares</b>							
Year ended 3-31-2021	13.50	0.12	7.68	7.80	(0.09)	(0.39)	(0.48)
Year ended 3-31-2020	15.30	0.13	(0.37)	(0.24)	(0.14)	(1.42)	(1.56)
Year ended 3-31-2019	16.51	0.16	0.69	0.85	(0.15)	(1.91)	(2.06)
Year ended 3-31-2018	15.03	0.10	2.36	2.46	(0.08)	(0.90)	(0.98)
Year ended 3-31-2017	14.07	0.08	1.43	1.51	(0.11)	(0.44)	(0.55)
<b>Class R Shares</b>							
Year ended 3-31-2021	11.62	(0.01)	6.59	6.58	—*	(0.38)	(0.38)
Year ended 3-31-2020	13.36	0.01	(0.30)	(0.29)	(0.03)	(1.42)	(1.45)
Year ended 3-31-2019	14.67	0.03	0.60	0.63	(0.03)	(1.91)	(1.94)
Year ended 3-31-2018	13.47	(0.01)	2.11	2.10	—	(0.90)	(0.90)
Year ended 3-31-2017	12.67	(0.02)	1.27	1.25	(0.01)	(0.44)	(0.45)
<b>Class Y Shares</b>							
Year ended 3-31-2021	13.00	0.09	7.37	7.46	(0.06)	(0.39)	(0.45)
Year ended 3-31-2020	14.78	0.09	(0.34)	(0.25)	(0.11)	(1.42)	(1.53)
Year ended 3-31-2019	16.02	0.13	0.67	0.80	(0.13)	(1.91)	(2.04)
Year ended 3-31-2018	14.61	0.09	2.28	2.37	(0.06)	(0.90)	(0.96)
Year ended 3-31-2017	13.69	0.07	1.38	1.45	(0.09)	(0.44)	(0.53)

\* Not shown due to rounding.

(1) Based on average weekly shares outstanding.

(2) Based on net asset value, which does not reflect the sales charge or contingent deferred sales charge, if applicable. Total returns for periods less than one year are not annualized.

(3) Ratios excluding expense waivers are included only for periods in which the class had waived or reimbursed expenses.

(4) These class shares are not available for direct investment. However, they are available for dividend reinvestment and exchange of the same class shares of another Ivy Fund.

[Table of Contents](#)

	Net Asset Value, End of Period	Total Return(2)	Net Assets, End of Period (in millions)	Ratio of Expenses to Average Net Assets Including Expense Waiver	Ratio of Net Investment Income (Loss) to Average Net Assets Including Expense Waiver	Ratio of Expenses to Average Net Assets Excluding Expense Waiver(3)	Ratio of Net Investment Income (Loss) to Average Net Assets Excluding Expense Waiver(3)	Portfolio Turnover Rate
<b>Class A Shares</b>								
Year ended 3-31-2021	\$ 18.01	57.58%	\$ 3,411	1.00%	0.36%	—%	—%	49%
Year ended 3-31-2020	11.73	-3.57	2,409	1.03	0.42	—	—	66
Year ended 3-31-2019	13.47	5.56	2,895	1.02	0.64	—	—	97
Year ended 3-31-2018	14.78	16.31	3,149	1.04	0.33	1.04	0.33	51
Year ended 3-31-2017	13.55	10.42	269	1.15	0.20	1.21	0.14	90
<b>Class B Shares(4)</b>								
Year ended 3-31-2021	13.88	55.92	3	2.08	-0.69	2.24	-0.85	49
Year ended 3-31-2020	9.16	-4.64	4	2.13	-0.67	2.18	-0.72	66
Year ended 3-31-2019	10.81	4.49	8	2.11	-0.47	—	—	97
Year ended 3-31-2018	12.21	15.11	11	2.11	-0.71	—	—	51
Year ended 3-31-2017	11.42	9.39	8	2.13	-0.79	—	—	90
<b>Class C Shares</b>								
Year ended 3-31-2021	14.65	56.31	33	1.88	-0.51	—	—	49
Year ended 3-31-2020	9.63	-4.44	37	1.89	-0.44	—	—	66
Year ended 3-31-2019	11.31	4.74	52	1.85	-0.20	—	—	97
Year ended 3-31-2018	12.69	15.39	70	1.89	-0.50	—	—	51
Year ended 3-31-2017	11.81	9.60	116	1.92	-0.57	—	—	90
<b>Class E Shares</b>								
Year ended 3-31-2021	17.92	57.64	17	0.99	0.36	1.14	0.21	49
Year ended 3-31-2020	11.67	-3.61	12	1.05	0.40	1.22	0.23	66
Year ended 3-31-2019	13.40	5.54	13	1.10	0.56	1.22	0.44	97
Year ended 3-31-2018	14.71	16.22	14	1.13	0.25	1.31	0.07	51
Year ended 3-31-2017	13.50	10.49	12	1.16	0.19	1.42	-0.07	90
<b>Class I Shares</b>								
Year ended 3-31-2021	20.77	57.92	1,101	0.81	0.55	—	—	49
Year ended 3-31-2020	13.47	-3.38	861	0.83	0.63	—	—	66
Year ended 3-31-2019	15.27	5.84	1,089	0.81	0.85	—	—	97
Year ended 3-31-2018	16.48	16.60	1,216	0.82	0.56	0.84	0.54	51
Year ended 3-31-2017	15.01	10.76	384	0.84	0.52	0.91	0.45	90
<b>Class N Shares</b>								
Year ended 3-31-2021	20.82	58.14	90	0.66	0.68	—	—	49
Year ended 3-31-2020	13.50	-3.23	31	0.67	0.78	—	—	66
Year ended 3-31-2019	15.30	6.01	45	0.65	0.97	—	—	97
Year ended 3-31-2018	16.51	16.74	71	0.73	0.64	—	—	51
Year ended 3-31-2017	15.03	10.84	112	0.76	0.58	—	—	90
<b>Class R Shares</b>								
Year ended 3-31-2021	17.82	56.93	1	1.40	-0.04	—	—	49
Year ended 3-31-2020	11.62	-3.93	—*	1.42	0.04	—	—	66
Year ended 3-31-2019	13.36	5.16	1	1.40	0.22	—	—	97
Year ended 3-31-2018	14.67	15.91	2	1.46	-0.08	—	—	51
Year ended 3-31-2017	13.47	10.01	3	1.51	-0.15	—	—	90
<b>Class Y Shares</b>								
Year ended 3-31-2021	20.01	57.75	26	0.85	0.50	1.05	0.30	49
Year ended 3-31-2020	13.00	-3.37	23	0.84	0.60	1.08	0.36	66
Year ended 3-31-2019	14.78	5.81	45	0.84	0.80	1.05	0.59	97
Year ended 3-31-2018	16.02	16.61	50	0.84	0.55	1.10	0.29	51
Year ended 3-31-2017	14.61	10.75	64	0.84	0.49	1.15	0.18	90

See Accompanying Notes to Financial Statements.

[Table of Contents](#)

## FINANCIAL HIGHLIGHTS

## IVY FUNDS

FOR A SHARE OF CAPITAL STOCK OUTSTANDING THROUGHOUT EACH PERIOD

## IVY EMERGING MARKETS EQUITY FUND

	Net Asset Value, Beginning of Period	Net Investment Income (Loss)(1)	Net Realized and Unrealized Gain (Loss) on Investments	Total from Investment Operations	Distributions From Net Investment Income	Distributions From Net Realized Gains	Total Distributions
<b>Class A Shares</b>							
Year ended 3-31-2021	\$ 15.61	\$ (0.01)	\$ 12.68	\$ 12.67	\$ (0.21)	\$ —	\$ (0.21)
Year ended 3-31-2020	19.15	0.12	(3.51)	(3.39)	(0.15)	—	(0.15)
Year ended 3-31-2019	21.60	0.12	(2.46)	(2.34)	(0.11)	—	(0.11)
Year ended 3-31-2018	16.95	0.01	4.64	4.65	*	—	*
Year ended 3-31-2017	13.59	(0.02)	3.38	3.36	—	—	—
<b>Class B Shares(4)</b>							
Year ended 3-31-2021	12.66	(0.19)	10.24	10.05	(0.05)	—	(0.05)
Year ended 3-31-2020	15.61	(0.06)	(2.84)	(2.90)	(0.05)	—	(0.05)
Year ended 3-31-2019	17.68	(0.04)	(2.02)	(2.06)	(0.01)	—	(0.01)
Year ended 3-31-2018	14.01	(0.14)	3.81	3.67	—	—	—
Year ended 3-31-2017	11.34	(0.14)	2.81	2.67	—	—	—
<b>Class C Shares</b>							
Year ended 3-31-2021	13.31	(0.15)	10.79	10.64	(0.09)	—	(0.09)
Year ended 3-31-2020	16.39	(0.01)	(2.99)	(3.00)	(0.08)	—	(0.08)
Year ended 3-31-2019	18.54	(0.01)	(2.10)	(2.11)	(0.04)	—	(0.04)
Year ended 3-31-2018	14.65	(0.12)	4.01	3.89	—	—	—
Year ended 3-31-2017	11.84	(0.12)	2.93	2.81	—	—	—
<b>Class I Shares</b>							
Year ended 3-31-2021	16.13	0.09	13.12	13.21	(0.29)	—	(0.29)
Year ended 3-31-2020	19.77	0.21	(3.61)	(3.40)	(0.24)	—	(0.24)
Year ended 3-31-2019	22.30	0.21	(2.55)	(2.34)	(0.19)	—	(0.19)
Year ended 3-31-2018	17.47	0.09	4.80	4.89	(0.06)	—	(0.06)
Year ended 3-31-2017	13.96	0.03	3.48	3.51	—	—	—
<b>Class N Shares</b>							
Year ended 3-31-2021	16.22	0.10	13.19	13.29	(0.30)	—	(0.30)
Year ended 3-31-2020	19.88	0.21	(3.63)	(3.42)	(0.24)	—	(0.24)
Year ended 3-31-2019	22.42	0.20	(2.54)	(2.34)	(0.20)	—	(0.20)
Year ended 3-31-2018	17.56	0.12	4.80	4.92	(0.06)	—	(0.06)
Year ended 3-31-2017	14.01	0.06	3.49	3.55	—	—	—
<b>Class R Shares</b>							
Year ended 3-31-2021	15.44	(0.07)	12.53	12.46	(0.15)	—	(0.15)
Year ended 3-31-2020	18.95	0.07	(3.47)	(3.40)	(0.11)	—	(0.11)
Year ended 3-31-2019	21.40	0.06	(2.43)	(2.37)	(0.08)	—	(0.08)
Year ended 3-31-2018	16.83	(0.04)	4.61	4.57	—	—	—
Year ended 3-31-2017	13.53	(0.07)	3.37	3.30	—	—	—
<b>Class Y Shares</b>							
Year ended 3-31-2021	15.92	0.01	12.94	12.95	(0.22)	—	(0.22)
Year ended 3-31-2020	19.53	0.14	(3.58)	(3.44)	(0.17)	—	(0.17)
Year ended 3-31-2019	22.02	0.13	(2.50)	(2.37)	(0.12)	—	(0.12)
Year ended 3-31-2018	17.27	0.02	4.74	4.76	(0.01)	—	(0.01)
Year ended 3-31-2017	13.84	(0.02)	3.45	3.43	—	—	—

\* Not shown due to rounding.

(1) Based on average weekly shares outstanding.

(2) Based on net asset value, which does not reflect the sales charge or contingent deferred sales charge, if applicable. Total returns for periods less than one year are not annualized.

(3) Ratios excluding expense waivers are included only for periods in which the class had waived or reimbursed expenses.

(4) These class shares are not available for direct investment. However, they are available for dividend reinvestment and exchange of the same class shares of another Ivy Fund.

[Table of Contents](#)

	Net Asset Value, End of Period	Total Return(2)	Net Assets, End of Period (in millions)	Ratio of Expenses to Average Net Assets Including Expense Waiver	Ratio of Net Investment Income (Loss) to Average Net Assets Including Expense Waiver	Ratio of Expenses to Average Net Assets Excluding Expense Waiver(3)	Ratio of Net Investment Income (Loss) to Average Net Assets Excluding Expense Waiver(3)	Portfolio Turnover Rate
<b>Class A Shares</b>								
Year ended 3-31-2021	\$ 28.07	81.21%	\$ 377	1.39%	-0.03%	—%	—%	39%
Year ended 3-31-2020	15.61	-17.87	229	1.46	0.61	1.46	0.61	32
Year ended 3-31-2019	19.15	-10.75	344	1.44	0.62	—	—	59
Year ended 3-31-2018	21.60	27.44	569	1.44	0.07	—	—	38
Year ended 3-31-2017	16.95	24.72	293	1.55	-0.14	1.68	-0.27	59
<b>Class B Shares(4)</b>								
Year ended 3-31-2021	22.66	79.42	—*	2.45	-1.05	2.59	-1.19	39
Year ended 3-31-2020	12.66	-18.72	1	2.50	-0.38	2.57	-0.45	32
Year ended 3-31-2019	15.61	-11.61	2	2.39	-0.29	—	—	59
Year ended 3-31-2018	17.68	26.27	5	2.40	-0.83	—	—	38
Year ended 3-31-2017	14.01	23.54	4	2.50	-1.10	2.78	-1.38	59
<b>Class C Shares</b>								
Year ended 3-31-2021	23.86	80.00	57	2.10	-0.73	—	—	39
Year ended 3-31-2020	13.31	-18.43	43	2.16	-0.07	2.16	-0.07	32
Year ended 3-31-2019	16.39	-11.36	72	2.11	-0.08	—	—	59
Year ended 3-31-2018	18.54	26.55	95	2.13	-0.66	—	—	38
Year ended 3-31-2017	14.65	23.73	37	2.36	-0.96	—	—	59
<b>Class I Shares</b>								
Year ended 3-31-2021	29.05	82.02	1,548	0.99	0.37	1.10	0.26	39
Year ended 3-31-2020	16.13	-17.50	826	0.99	1.09	1.14	0.94	32
Year ended 3-31-2019	19.77	-10.34	1,209	0.99	1.06	1.11	0.94	59
Year ended 3-31-2018	22.30	28.03	1,689	0.99	0.44	1.10	0.33	38
Year ended 3-31-2017	17.47	25.14	465	1.19	0.20	1.23	0.16	59
<b>Class N Shares</b>								
Year ended 3-31-2021	29.21	82.01	353	0.95	0.40	—	—	39
Year ended 3-31-2020	16.22	-17.46	200	0.99	1.05	0.99	1.05	32
Year ended 3-31-2019	19.88	-10.32	300	0.96	1.03	—	—	59
Year ended 3-31-2018	22.42	28.07	310	0.95	0.58	—	—	38
Year ended 3-31-2017	17.56	25.34	18	1.07	0.37	—	—	59
<b>Class R Shares</b>								
Year ended 3-31-2021	27.75	80.73	11	1.69	-0.32	—	—	39
Year ended 3-31-2020	15.44	-18.07	9	1.72	0.39	1.72	0.39	32
Year ended 3-31-2019	18.95	-11.03	15	1.70	0.32	—	—	59
Year ended 3-31-2018	21.40	27.15	20	1.70	-0.19	—	—	38
Year ended 3-31-2017	16.83	24.39	11	1.82	-0.44	—	—	59
<b>Class Y Shares</b>								
Year ended 3-31-2021	28.65	81.40	40	1.34	0.04	—	—	39
Year ended 3-31-2020	15.92	-17.80	31	1.37	0.70	1.37	0.70	32
Year ended 3-31-2019	19.53	-10.68	45	1.35	0.69	—	—	59
Year ended 3-31-2018	22.02	27.58	68	1.36	0.12	—	—	38
Year ended 3-31-2017	17.27	24.78	21	1.50	-0.14	—	—	59

See Accompanying Notes to Financial Statements.

[Table of Contents](#)

## FINANCIAL HIGHLIGHTS

## IVY FUNDS

FOR A SHARE OF CAPITAL STOCK OUTSTANDING THROUGHOUT EACH PERIOD

## IVY GLOBAL BOND FUND

	Net Asset Value, Beginning of Period	Net Investment Income(1)	Net Realized and Unrealized Gain (Loss) on Investments	Total from Investment Operations	Distributions From Net Investment Income	Distributions From Net Realized Gains	Total Distributions
<b>Class A Shares</b>							
Year ended 3-31-2021	\$ 9.26	\$ 0.32	\$ 0.95	\$ 1.27	\$ (0.27)	\$ —	\$ (0.27)
Year ended 3-31-2020	9.71	0.34	(0.59)	(0.25)	(0.20)	—	(0.20)
Year ended 3-31-2019	9.68	0.32	0.01	0.33	(0.28)	(0.02)	(0.30)
Year ended 3-31-2018	9.68	0.32	(0.11)	0.21	(0.21)	—	(0.21)
Year ended 3-31-2017	9.17	0.34	0.37	0.71	(0.20)	—	(0.20)
<b>Class B Shares(4)</b>							
Year ended 3-31-2021	9.26	0.26	0.93	1.19	(0.20)	—	(0.20)
Year ended 3-31-2020	9.71	0.27	(0.59)	(0.32)	(0.13)	—	(0.13)
Year ended 3-31-2019	9.68	0.25	0.01	0.26	(0.21)	(0.02)	(0.23)
Year ended 3-31-2018	9.67	0.23	(0.08)	0.15	(0.14)	—	(0.14)
Year ended 3-31-2017	9.16	0.26	0.38	0.64	(0.13)	—	(0.13)
<b>Class C Shares</b>							
Year ended 3-31-2021	9.26	0.25	0.94	1.19	(0.20)	—	(0.20)
Year ended 3-31-2020	9.71	0.26	(0.59)	(0.33)	(0.12)	—	(0.12)
Year ended 3-31-2019	9.68	0.25	0.01	0.26	(0.21)	(0.02)	(0.23)
Year ended 3-31-2018	9.68	0.23	(0.09)	0.14	(0.14)	—	(0.14)
Year ended 3-31-2017	9.16	0.26	0.39	0.65	(0.13)	—	(0.13)
<b>Class I Shares</b>							
Year ended 3-31-2021	9.26	0.35	0.93	1.28	(0.29)	—	(0.29)
Year ended 3-31-2020	9.71	0.36	(0.59)	(0.23)	(0.22)	—	(0.22)
Year ended 3-31-2019	9.68	0.34	0.01	0.35	(0.30)	(0.02)	(0.32)
Year ended 3-31-2018	9.68	0.34	(0.11)	0.23	(0.23)	—	(0.23)
Year ended 3-31-2017	9.16	0.34	0.40	0.74	(0.22)	—	(0.22)
<b>Class N Shares</b>							
Year ended 3-31-2021	9.26	0.34	0.95	1.29	(0.29)	—	(0.29)
Year ended 3-31-2020	9.71	0.36	(0.58)	(0.22)	(0.23)	—	(0.23)
Year ended 3-31-2019	9.69	0.34	0.01	0.35	(0.31)	(0.02)	(0.33)
Year ended 3-31-2018	9.68	0.33	(0.09)	0.24	(0.23)	—	(0.23)
Year ended 3-31-2017	9.17	0.33	0.40	0.73	(0.22)	—	(0.22)
<b>Class R Shares</b>							
Year ended 3-31-2021	9.24	0.28	0.93	1.21	(0.22)	—	(0.22)
Year ended 3-31-2020	9.69	0.29	(0.59)	(0.30)	(0.15)	—	(0.15)
Year ended 3-31-2019	9.67	0.27	0.01	0.28	(0.24)	(0.02)	(0.26)
Year ended 3-31-2018	9.66	0.26	(0.09)	0.17	(0.16)	—	(0.16)
Year ended 3-31-2017	9.15	0.27	0.39	0.66	(0.15)	—	(0.15)
<b>Class Y Shares</b>							
Year ended 3-31-2021	9.26	0.32	0.95	1.27	(0.27)	—	(0.27)
Year ended 3-31-2020	9.71	0.34	(0.59)	(0.25)	(0.20)	—	(0.20)
Year ended 3-31-2019	9.69	0.32	0.00*	0.32	(0.28)	(0.02)	(0.30)
Year ended 3-31-2018	9.68	0.31	(0.09)	0.22	(0.21)	—	(0.21)
Year ended 3-31-2017	9.17	0.33	0.38	0.71	(0.20)	—	(0.20)

\* Not shown due to rounding.

(1) Based on average weekly shares outstanding.

(2) Based on net asset value, which does not reflect the sales charge or contingent deferred sales charge, if applicable. Total returns for periods less than one year are not annualized.

(3) Ratios excluding expense waivers are included only for periods in which the class had waived or reimbursed expenses.

(4) These class shares are not available for direct investment. However, they are available for dividend reinvestment and exchange of the same class shares of another Ivy Fund.

(5) Expense ratio based on the period excluding reorganization expenses was 0.99%.

(6) Expense ratio based on the period excluding reorganization expenses was 1.74%.

(7) Expense ratio based on the period excluding reorganization expenses was 0.74%.

[Table of Contents](#)

	Net Asset Value, End of Period	Total Return(2)	Net Assets, End of Period (in millions)	Ratio of Expenses to Average Net Assets Including Expense Waiver	Ratio of Net Investment Income to Average Net Assets Including Expense Waiver	Ratio of Expenses to Average Net Assets Excluding Expense Waiver(3)	Ratio of Net Investment Income to Average Net Assets Excluding Expense Waiver(3)	Portfolio Turnover Rate
<b>Class A Shares</b>								
Year ended 3-31-2021	\$ 10.26	13.77%	\$ 178	0.96%	3.18%	1.20%	2.94%	43%
Year ended 3-31-2020	9.26	-2.69	170	0.99	3.43	1.22	3.20	38
Year ended 3-31-2019	9.71	3.47	211	0.99	3.32	1.23	3.08	35
Year ended 3-31-2018	9.68	2.16	265	1.01 <sup>(5)</sup>	3.22	1.26	2.97	56
Year ended 3-31-2017	9.68	7.81	47	0.99	3.63	1.33	3.29	20
<b>Class B Shares(4)</b>								
Year ended 3-31-2021	10.25	12.85	—*	1.68	2.52	2.41	1.79	43
Year ended 3-31-2020	9.26	-3.31	1	1.74	2.70	2.42	2.02	38
Year ended 3-31-2019	9.71	2.67	1	1.65	2.65	2.19	2.11	35
Year ended 3-31-2018	9.68	1.51	2	1.76 <sup>(6)</sup>	2.40	2.24	1.92	56
Year ended 3-31-2017	9.67	7.01	3	1.74	2.73	2.15	2.32	20
<b>Class C Shares</b>								
Year ended 3-31-2021	10.25	12.81	4	1.72	2.45	1.96	2.21	43
Year ended 3-31-2020	9.26	-3.42	6	1.74	2.68	1.98	2.44	38
Year ended 3-31-2019	9.71	2.71	9	1.73	2.58	1.93	2.38	35
Year ended 3-31-2018	9.68	1.40	13	1.76 <sup>(6)</sup>	2.40	1.96	2.20	56
Year ended 3-31-2017	9.68	7.13	16	1.74	2.72	1.95	2.51	20
<b>Class I Shares</b>								
Year ended 3-31-2021	10.25	13.90	241	0.74	3.39	0.89	3.24	43
Year ended 3-31-2020	9.26	-2.45	204	0.74	3.67	0.89	3.52	38
Year ended 3-31-2019	9.71	3.73	240	0.74	3.58	0.88	3.44	35
Year ended 3-31-2018	9.68	2.43	262	0.76 <sup>(7)</sup>	3.44	0.94	3.26	56
Year ended 3-31-2017	9.68	8.19	88	0.74	3.54	0.95	3.33	20
<b>Class N Shares</b>								
Year ended 3-31-2021	10.26	14.02	62	0.72	3.32	—	—	43
Year ended 3-31-2020	9.26	-2.42	23	0.73	3.69	—	—	38
Year ended 3-31-2019	9.71	3.75	31	0.71	3.61	—	—	35
Year ended 3-31-2018	9.69	2.43	18	0.74	3.37	0.76	3.35	56
Year ended 3-31-2017	9.68	8.06	3	0.75	3.50	0.78	3.47	20
<b>Class R Shares</b>								
Year ended 3-31-2021	10.23	13.13	—*	1.46	2.77	—	—	43
Year ended 3-31-2020	9.24	-3.16	1	1.47	2.95	—	—	38
Year ended 3-31-2019	9.69	2.89	1	1.45	2.86	—	—	35
Year ended 3-31-2018	9.67	1.76	1	1.49	2.66	1.51	2.64	56
Year ended 3-31-2017	9.66	7.29	1	1.50	2.90	1.53	2.87	20
<b>Class Y Shares</b>								
Year ended 3-31-2021	10.26	13.76	1	0.96	3.18	1.12	3.02	43
Year ended 3-31-2020	9.26	-2.69	1	0.99	3.46	1.23	3.22	38
Year ended 3-31-2019	9.71	3.36	1	0.99	3.29	1.11	3.17	35
Year ended 3-31-2018	9.69	2.27	3	1.02 <sup>(5)</sup>	3.13	1.16	2.99	56
Year ended 3-31-2017	9.68	7.81	3	0.99	3.43	1.18	3.24	20

See Accompanying Notes to Financial Statements.

[Table of Contents](#)

## FINANCIAL HIGHLIGHTS

## IVY FUNDS

FOR A SHARE OF CAPITAL STOCK OUTSTANDING THROUGHOUT EACH PERIOD

## IVY GLOBAL EQUITY INCOME FUND

	Net Asset Value, Beginning of Period	Net Investment Income <sup>(1)</sup>	Net Realized and Unrealized Gain (Loss) on Investments	Total from Investment Operations	Distributions From Net Investment Income	Distributions From Net Realized Gains	Total Distributions
<b>Class A Shares</b>							
Year ended 3-31-2021	\$ 9.64	\$ 0.26	\$ 4.23	\$ 4.49	\$ (0.23)	\$ (0.18)	\$ (0.41)
Year ended 3-31-2020	11.90	0.29	(2.13)	(1.84)	(0.30)	(0.12)	(0.42)
Year ended 3-31-2019	13.84	0.29	(0.34)	(0.05)	(0.32)	(1.57)	(1.89)
Year ended 3-31-2018	12.48	0.32	1.34	1.66	(0.30)	—	(0.30)
Year ended 3-31-2017	11.88	0.53	0.50	1.03	(0.43)	—	(0.43)
<b>Class B Shares<sup>(4)</sup></b>							
Year ended 3-31-2021	9.64	0.17	4.22	4.39	(0.14)	(0.18)	(0.32)
Year ended 3-31-2020	11.89	0.21	(2.12)	(1.91)	(0.22)	(0.12)	(0.34)
Year ended 3-31-2019	13.81	0.21	(0.35)	(0.14)	(0.21)	(1.57)	(1.78)
Year ended 3-31-2018	12.47	0.23	1.34	1.57	(0.23)	—	(0.23)
Year ended 3-31-2017	11.87	0.35	0.60	0.95	(0.35)	—	(0.35)
<b>Class C Shares</b>							
Year ended 3-31-2021	9.64	0.16	4.23	4.39	(0.13)	(0.18)	(0.31)
Year ended 3-31-2020	11.90	0.21	(2.13)	(1.92)	(0.22)	(0.12)	(0.34)
Year ended 3-31-2019	13.82	0.21	(0.35)	(0.14)	(0.21)	(1.57)	(1.78)
Year ended 3-31-2018	12.47	0.23	1.35	1.58	(0.23)	—	(0.23)
Year ended 3-31-2017	11.87	0.36	0.59	0.95	(0.35)	—	(0.35)
<b>Class E Shares</b>							
Year ended 3-31-2021	9.64	0.27	4.23	4.50	(0.24)	(0.18)	(0.42)
Year ended 3-31-2020	11.90	0.30	(2.12)	(1.82)	(0.32)	(0.12)	(0.44)
Year ended 3-31-2019	13.84	0.31	(0.34)	(0.03)	(0.34)	(1.57)	(1.91)
Year ended 3-31-2018 <sup>(5)</sup>	14.33	0.03	(0.52)	(0.49)	—*	—	—*
<b>Class I Shares</b>							
Year ended 3-31-2021	9.64	0.29	4.24	4.53	(0.26)	(0.18)	(0.44)
Year ended 3-31-2020	11.91	0.33	(2.14)	(1.81)	(0.34)	(0.12)	(0.46)
Year ended 3-31-2019	13.85	0.34	(0.35)	(0.01)	(0.36)	(1.57)	(1.93)
Year ended 3-31-2018	12.48	0.37	1.34	1.71	(0.34)	—	(0.34)
Year ended 3-31-2017	11.88	0.39	0.68	1.07	(0.47)	—	(0.47)
<b>Class N Shares</b>							
Year ended 3-31-2021	9.65	0.30	4.24	4.54	(0.27)	(0.18)	(0.45)
Year ended 3-31-2020	11.92	0.35	(2.14)	(1.79)	(0.36)	(0.12)	(0.48)
Year ended 3-31-2019	13.86	0.30	(0.29)	0.01	(0.38)	(1.57)	(1.95)
Year ended 3-31-2018	12.49	0.35	1.39	1.74	(0.37)	—	(0.37)
Year ended 3-31-2017	11.89	0.48	0.61	1.09	(0.49)	—	(0.49)
<b>Class R Shares</b>							
Year ended 3-31-2021	9.65	0.22	4.23	4.45	(0.19)	(0.18)	(0.37)
Year ended 3-31-2020	11.91	0.26	(2.13)	(1.87)	(0.27)	(0.12)	(0.39)
Year ended 3-31-2019	13.84	0.25	(0.33)	(0.08)	(0.28)	(1.57)	(1.85)
Year ended 3-31-2018	12.48	0.28	1.35	1.63	(0.27)	—	(0.27)
Year ended 3-31-2017	11.88	0.39	0.61	1.00	(0.40)	—	(0.40)
<b>Class Y Shares</b>							
Year ended 3-31-2021	9.64	0.26	4.23	4.49	(0.23)	(0.18)	(0.41)
Year ended 3-31-2020	11.90	0.30	(2.13)	(1.83)	(0.31)	(0.12)	(0.43)
Year ended 3-31-2019	13.84	0.30	(0.34)	(0.04)	(0.33)	(1.57)	(1.90)
Year ended 3-31-2018	12.48	0.33	1.35	1.68	(0.32)	—	(0.32)
Year ended 3-31-2017	11.87	0.44	0.61	1.05	(0.44)	—	(0.44)

\* Not shown due to rounding.

(1) Based on average weekly shares outstanding.

(2) Based on net asset value, which does not reflect the sales charge or contingent deferred sales charge, if applicable. Total returns for periods less than one year are not annualized.

(3) Ratios excluding expense waivers are included only for periods in which the class had waived or reimbursed expenses.

(4) These class shares are not available for direct investment. However, they are available for dividend reinvestment and exchange of the same class shares of another Ivy Fund.

(5) For the period from February 26, 2018 (commencement of operations of the class) through March 31, 2018.

(6) Annualized.

(7) Portfolio turnover is calculated at the fund level. Percentage indicated was calculated for the year ended March 31, 2018.

(8) Expense ratio based on the period excluding reorganization expenses was 1.28%.

(9) Expense ratio based on the period excluding reorganization expenses was 1.95%.

(10) Expense ratio based on the period excluding reorganization expenses was 1.13%.

(11) Expense ratio based on the period excluding reorganization expenses was 1.19%.

(12) Expense ratio based on the period excluding reorganization expenses was 0.92%.

[Table of Contents](#)

	Net Asset Value, End of Period	Total Return <sup>(2)</sup>	Net Assets, End of Period (in millions)	Ratio of Expenses to Average Net Assets Including Expense Waiver	Ratio of Net Investment Income to Average Net Assets Including Expense Waiver	Ratio of Expenses to Average Net Assets Excluding Expense Waiver <sup>(3)</sup>	Ratio of Net Investment Income to Average Net Assets Excluding Expense Waiver <sup>(3)</sup>	Portfolio Turnover Rate
<b>Class A Shares</b>								
Year ended 3-31-2021	\$ 13.72	47.07%	\$ 310	1.22%	2.16%	1.24%	2.14%	39%
Year ended 3-31-2020	9.64	-16.11	260	1.24	2.43	1.25	2.42	43
Year ended 3-31-2019	11.90	0.47	387	1.24	2.27	1.24	2.27	28
Year ended 3-31-2018	13.84	13.44	494	1.29 <sup>(8)</sup>	2.34	—	—	55
Year ended 3-31-2017	12.48	8.87	70	1.30	4.45	1.38	4.37	103
<b>Class B Shares<sup>(4)</sup></b>								
Year ended 3-31-2021	13.71	45.99	2	1.92	1.46	2.11	1.27	39
Year ended 3-31-2020	9.64	-16.67	2	1.95	1.78	2.14	1.59	43
Year ended 3-31-2019	11.89	-0.30	5	1.94	1.63	2.07	1.50	28
Year ended 3-31-2018	13.81	12.81	8	1.97 <sup>(9)</sup>	1.69	—	—	55
Year ended 3-31-2017	12.47	8.17	2	1.95	2.88	—	—	103
<b>Class C Shares</b>								
Year ended 3-31-2021	13.72	45.88	7	2.03	1.34	—	—	39
Year ended 3-31-2020	9.64	-16.75	10	2.00	1.76	—	—	43
Year ended 3-31-2019	11.90	-0.21	22	1.94	1.64	—	—	28
Year ended 3-31-2018	13.82	12.80	39	1.93	1.72	—	—	55
Year ended 3-31-2017	12.47	8.17	12	1.95	2.95	—	—	103
<b>Class E Shares</b>								
Year ended 3-31-2021	13.72	47.25	5	1.09	2.29	1.42	1.96	39
Year ended 3-31-2020	9.64	-16.01	4	1.12	2.53	1.45	2.20	43
Year ended 3-31-2019	11.90	0.57	5	1.14 <sup>(10)</sup>	2.37	1.51	2.00	28
Year ended 3-31-2018 <sup>(5)</sup>	13.84	-3.40	6	1.17 <sup>(6)</sup> <sup>(10)</sup>	2.32 <sup>(6)</sup>	1.32 <sup>(6)</sup>	2.17 <sup>(6)</sup>	55 <sup>(7)</sup>
<b>Class I Shares</b>								
Year ended 3-31-2021	13.73	47.60	268	0.92	2.46	0.95	2.43	39
Year ended 3-31-2020	9.64	-15.90	242	0.92	2.76	0.95	2.73	43
Year ended 3-31-2019	11.91	0.78	374	0.93 <sup>(12)</sup>	2.58	0.95	2.56	28
Year ended 3-31-2018	13.85	13.88	523	1.00	2.75	—	—	55
Year ended 3-31-2017	12.48	9.26	250	0.94	3.18	0.96	3.16	103
<b>Class N Shares</b>								
Year ended 3-31-2021	13.74	47.70	24	0.79	2.54	—	—	39
Year ended 3-31-2020	9.65	-15.76	17	0.79	2.87	—	—	43
Year ended 3-31-2019	11.92	0.93	22	0.78	2.40	—	—	28
Year ended 3-31-2018	13.86	14.07	5	0.86	2.58	—	—	55
Year ended 3-31-2017	12.49	9.39	1	0.81	3.99	—	—	103
<b>Class R Shares</b>								
Year ended 3-31-2021	13.73	46.59	— <sup>*</sup>	1.54	1.89	—	—	39
Year ended 3-31-2020	9.65	-16.36	1	1.53	2.14	—	—	43
Year ended 3-31-2019	11.91	0.22	1	1.52	1.97	—	—	28
Year ended 3-31-2018	13.84	13.20	1	1.58	2.07	—	—	55
Year ended 3-31-2017	12.48	8.58	— <sup>*</sup>	1.56	3.23	—	—	103
<b>Class Y Shares</b>								
Year ended 3-31-2021	13.72	47.11	2	1.18	2.25	—	—	39
Year ended 3-31-2020	9.64	-16.06	5	1.19	2.49	1.19	2.49	43
Year ended 3-31-2019	11.90	0.49	7	1.21 <sup>(11)</sup>	2.30	—	—	28
Year ended 3-31-2018	13.84	13.57	9	1.23 <sup>(11)</sup>	2.46	1.23	2.46	55
Year ended 3-31-2017	12.48	9.08	4	1.19	3.67	1.21	3.65	103

See Accompanying Notes to Financial Statements.

[Table of Contents](#)

## FINANCIAL HIGHLIGHTS

## IVY FUNDS

FOR A SHARE OF CAPITAL STOCK OUTSTANDING THROUGHOUT EACH PERIOD

## IVY GLOBAL GROWTH FUND

	Net Asset Value, Beginning of Period	Net Investment Income (Loss)(1)	Net Realized and Unrealized Gain (Loss) on Investments	Total from Investment Operations	Distributions From Net Investment Income	Distributions From Net Realized Gains	Total Distributions
<b>Class A Shares</b>							
Year ended 3-31-2021	\$ 37.75	\$ (0.04)	\$ 21.67	\$ 21.63	\$ —	\$ (2.82)	\$ (2.82)
Year ended 3-31-2020	43.12	0.05	(4.97)	(4.92)	(0.09)	(0.36)	(0.45)
Year ended 3-31-2019	46.78	0.09	1.02	1.11	(0.08)	(4.69)	(4.77)
Year ended 3-31-2018	42.67	0.25	7.26	7.51	(0.06)	(3.34)	(3.40)
Year ended 3-31-2017	39.23	0.04	3.40	3.44	—	—	—
<b>Class B Shares(4)</b>							
Year ended 3-31-2021	30.52	(0.50)	17.40	16.90	—	(2.82)	(2.82)
Year ended 3-31-2020	35.29	(0.39)	(4.02)	(4.41)	—	(0.36)	(0.36)
Year ended 3-31-2019	39.50	(0.33)	0.81	0.48	—	(4.69)	(4.69)
Year ended 3-31-2018	36.62	(0.31)	6.33	6.02	—	(3.14)	(3.14)
Year ended 3-31-2017	34.07	(0.45)	3.00	2.55	—	—	—
<b>Class C Shares</b>							
Year ended 3-31-2021	31.11	(0.41)	17.77	17.36	—	(2.82)	(2.82)
Year ended 3-31-2020	35.84	(0.28)	(4.09)	(4.37)	—	(0.36)	(0.36)
Year ended 3-31-2019	39.93	(0.23)	0.83	0.60	—	(4.69)	(4.69)
Year ended 3-31-2018	36.98	(0.26)	6.42	6.16	—	(3.21)	(3.21)
Year ended 3-31-2017	34.26	(0.29)	3.01	2.72	—	—	—
<b>Class I Shares</b>							
Year ended 3-31-2021	38.63	0.10	22.20	22.30	(0.01)	(2.82)	(2.83)
Year ended 3-31-2020	44.10	0.18	(5.07)	(4.89)	(0.22)	(0.36)	(0.58)
Year ended 3-31-2019	47.72	0.24	1.05	1.29	(0.22)	(4.69)	(4.91)
Year ended 3-31-2018	43.44	0.25	7.53	7.78	(0.16)	(3.34)	(3.50)
Year ended 3-31-2017	39.81	0.04	3.59	3.63	—	—	—
<b>Class N Shares</b>							
Year ended 3-31-2021	38.85	0.16	22.35	22.51	(0.03)	(2.82)	(2.85)
Year ended 3-31-2020	44.35	0.24	(5.10)	(4.86)	(0.28)	(0.36)	(0.64)
Year ended 3-31-2019	47.99	0.30	1.04	1.34	(0.29)	(4.69)	(4.98)
Year ended 3-31-2018	43.64	0.20	7.71	7.91	(0.22)	(3.34)	(3.56)
Year ended 3-31-2017	39.92	0.10	3.62	3.72	—	—	—
<b>Class R Shares</b>							
Year ended 3-31-2021	37.32	(0.21)	21.40	21.19	—	(2.82)	(2.82)
Year ended 3-31-2020	42.69	(0.08)	(4.93)	(5.01)	—	(0.36)	(0.36)
Year ended 3-31-2019	46.41	(0.05)	1.02	0.97	—	(4.69)	(4.69)
Year ended 3-31-2018	42.41	(0.07)	7.39	7.32	—	(3.32)	(3.32)
Year ended 3-31-2017	39.08	(0.14)	3.47	3.33	—	—	—
<b>Class Y Shares</b>							
Year ended 3-31-2021	37.95	(0.05)	21.80	21.75	—	(2.82)	(2.82)
Year ended 3-31-2020	43.35	0.08	(5.03)	(4.95)	(0.09)	(0.36)	(0.45)
Year ended 3-31-2019	47.00	0.09	1.04	1.13	(0.09)	(4.69)	(4.78)
Year ended 3-31-2018	42.86	0.12	7.44	7.56	(0.08)	(3.34)	(3.42)
Year ended 3-31-2017	39.37	0.00*	3.49	3.49	—	—	—

\* Not shown due to rounding.

(1) Based on average weekly shares outstanding.

(2) Based on net asset value, which does not reflect the sales charge or contingent deferred sales charge, if applicable. Total returns for periods less than one year are not annualized.

(3) Ratios excluding expense waivers are included only for periods in which the class had waived or reimbursed expenses.

(4) These class shares are not available for direct investment. However, they are available for dividend reinvestment and exchange of the same class shares of another Ivy Fund.

(5) Expense ratio based on the period excluding reorganization expenses was 1.11%.

[Table of Contents](#)

	Net Asset Value, End of Period	Total Return(2)	Net Assets, End of Period (in millions)	Ratio of Expenses to Average Net Assets Including Expense Waiver	Ratio of Net Investment Income (Loss) to Average Net Assets Including Expense Waiver	Ratio of Expenses to Average Net Assets Excluding Expense Waiver(3)	Ratio of Net Investment Income (Loss) to Average Net Assets Excluding Expense Waiver(3)	Portfolio Turnover Rate
<b>Class A Shares</b>								
Year ended 3-31-2021	\$ 56.56	57.85%	\$ 531	1.34%	-0.08%	—%	—%	32%
Year ended 3-31-2020	37.75	-11.62	369	1.36	0.11	—	—	26
Year ended 3-31-2019	43.12	3.12	477	1.37	0.19	—	—	54
Year ended 3-31-2018	46.78	17.92	510	1.38	0.53	—	—	46
Year ended 3-31-2017	42.67	8.77	115	1.48	0.11	—	—	66
<b>Class B Shares(4)</b>								
Year ended 3-31-2021	44.60	56.02	—*	2.51	-1.26	2.66	-1.41	32
Year ended 3-31-2020	30.52	-12.70	—*	2.58	-1.06	2.62	-1.10	26
Year ended 3-31-2019	35.29	2.00	1	2.40	-0.85	—	—	54
Year ended 3-31-2018	39.50	16.79	2	2.40	-0.79	—	—	46
Year ended 3-31-2017	36.62	7.48	2	2.67	-1.30	—	—	66
<b>Class C Shares</b>								
Year ended 3-31-2021	45.65	56.45	5	2.25	-1.00	—	—	32
Year ended 3-31-2020	31.11	-12.42	5	2.24	-0.76	—	—	26
Year ended 3-31-2019	35.84	2.33	9	2.15	-0.60	—	—	54
Year ended 3-31-2018	39.93	16.99	11	2.18	-0.65	—	—	46
Year ended 3-31-2017	36.98	7.94	25	2.21	-0.84	—	—	66
<b>Class I Shares</b>								
Year ended 3-31-2021	58.10	58.28	494	1.06	0.19	1.09	0.16	32
Year ended 3-31-2020	38.63	-11.35	346	1.06	0.40	1.10	0.36	26
Year ended 3-31-2019	44.10	3.43	436	1.06	0.50	1.08	0.48	54
Year ended 3-31-2018	47.72	18.27	437	1.13 <sup>(5)</sup>	0.54	—	—	46
Year ended 3-31-2017	43.44	9.12	270	1.11	0.10	—	—	66
<b>Class N Shares</b>								
Year ended 3-31-2021	58.51	58.50	19	0.94	0.31	—	—	32
Year ended 3-31-2020	38.85	-11.26	16	0.94	0.53	—	—	26
Year ended 3-31-2019	44.35	3.59	19	0.92	0.64	—	—	54
Year ended 3-31-2018	47.99	18.45	24	0.95	0.42	—	—	46
Year ended 3-31-2017	43.64	9.32	7	0.95	0.24	—	—	66
<b>Class R Shares</b>								
Year ended 3-31-2021	55.69	57.33	1	1.68	-0.42	—	—	32
Year ended 3-31-2020	37.32	-11.92	1	1.68	-0.18	—	—	26
Year ended 3-31-2019	42.69	2.82	1	1.67	-0.10	—	—	54
Year ended 3-31-2018	46.41	17.58	2	1.69	-0.15	—	—	46
Year ended 3-31-2017	42.41	8.52	2	1.69	-0.35	—	—	66
<b>Class Y Shares</b>								
Year ended 3-31-2021	56.88	57.86	3	1.34	-0.09	1.36	-0.11	32
Year ended 3-31-2020	37.95	-11.63	2	1.36	0.19	1.38	0.17	26
Year ended 3-31-2019	43.35	3.17	5	1.33	0.20	—	—	54
Year ended 3-31-2018	47.00	17.96	10	1.36	0.25	—	—	46
Year ended 3-31-2017	42.86	8.86	14	1.36	—*	—	—	66

See Accompanying Notes to Financial Statements.

[Table of Contents](#)**FINANCIAL HIGHLIGHTS**

IVY FUNDS

FOR A SHARE OF CAPITAL STOCK OUTSTANDING THROUGHOUT EACH PERIOD

## IVY GOVERNMENT MONEY MARKET FUND

	Net Asset Value, Beginning of Period	Net Investment Income(1)	Net Realized and Unrealized Loss on Investments	Total from Investment Operations	Distributions From Net Investment Income	Distributions From Net Realized Gains	Total Distributions
<b>Class A Shares</b>							
Year ended 3-31-2021	\$ 1.00	\$ 0.00*	\$ 0.00*	\$ 0.00*	\$ —*	\$ —	\$ —*
Year ended 3-31-2020	1.00	0.01	0.00*	0.01	(0.01)	—	(0.01)
Year ended 3-31-2019	1.00	0.01	0.00*	0.01	(0.01)	—	(0.01)
Year ended 3-31-2018	1.00	0.00*	0.00*	0.00*	—*	—*	—*
Year ended 3-31-2017	1.00	0.00*	0.00*	0.00*	—*	—*	—*
<b>Class B Shares(4)</b>							
Year ended 3-31-2021	1.00	0.00*	0.00*	0.00*	—*	—	—*
Year ended 3-31-2020	1.00	0.01	0.00*	0.01	(0.01)	—	(0.01)
Year ended 3-31-2019	1.00	0.00*	0.00*	0.00*	—*	—	—*
Year ended 3-31-2018	1.00	0.00*	0.00*	0.00*	—*	—*	—*
Year ended 3-31-2017	1.00	0.00*	0.00*	0.00*	—*	—*	—*
<b>Class C Shares(4)</b>							
Year ended 3-31-2021	1.00	0.00*	0.00*	0.00*	—*	—	—*
Year ended 3-31-2020	1.00	0.00*	0.00*	0.00*	—*	—	—*
Year ended 3-31-2019	1.00	0.01	0.00*	0.01	(0.01)	—	(0.01)
Year ended 3-31-2018	1.00	0.00*	0.00*	0.00*	—*	—*	—*
Year ended 3-31-2017	1.00	0.00*	0.00*	0.00*	—*	—*	—*
<b>Class E Shares</b>							
Year ended 3-31-2021	1.00	0.00*	0.00*	0.00*	—*	—	—*
Year ended 3-31-2020	1.00	0.02	0.00*	0.02	(0.02)	—	(0.02)
Year ended 3-31-2019	1.00	0.01	0.00*	0.01	(0.01)	—	(0.01)
Year ended 3-31-2018	1.00	0.00*	0.00*	0.00*	—*	—*	—*
Year ended 3-31-2017	1.00	0.00*	0.00*	0.00*	—*	—*	—*
<b>Class N Shares</b>							
Year ended 3-31-2021	1.00	0.01	(0.01)	0.00*	—*	—	—*
Year ended 3-31-2020	1.00	0.02	0.00*	0.02	(0.02)	—	(0.02)
Year ended 3-31-2019	1.00	0.02	0.00*	0.02	(0.02)	—	(0.02)
Year ended 3-31-2018(5)	1.00	0.00*	0.00*	0.00*	—*	—*	—*

\* Not shown due to rounding.

(1) Based on average weekly shares outstanding.

(2) Based on net asset value, which does not reflect the sales charge or contingent deferred sales charge, if applicable. Total returns for periods less than one year are not annualized.

(3) Ratios excluding expense waivers are included only for periods in which the class had waived or reimbursed expenses.

(4) These class shares are not available for direct investment. However, they are available for dividend reinvestment and exchange of the same class shares of another Ivy Fund.

(5) For the period from July 5, 2017 (commencement of operations of the class) through March 31, 2018.

(6) Annualized.

[Table of Contents](#)

	Net Asset Value, End of Period	Total Return(2)	Net Assets, End of Period (in millions)	Ratio of Expenses to Average Net Assets Including Expense Waiver	Ratio of Net Investment Income to Average Net Assets Including Expense Waiver	Ratio of Expenses to Average Net Assets Excluding Expense Waiver(3)	Ratio of Net Investment Income (Loss) to Average Net Assets Excluding Expense Waiver(3)	Portfolio Turnover Rate
<b>Class A Shares</b>								
Year ended 3-31-2021	\$ 1.00	0.04%	\$ 183	0.23%	0.04%	0.65%	-0.38%	—%
Year ended 3-31-2020	1.00	1.31	160	0.77	1.29	—	—	—
Year ended 3-31-2019	1.00	1.40	132	0.78	1.39	—	—	—
Year ended 3-31-2018	1.00	0.56	135	0.66	0.55	—	—	—
Year ended 3-31-2017	1.00	0.03	184	0.60	0.03	0.63	—	—
<b>Class B Shares(4)</b>								
Year ended 3-31-2021	1.00	0.01	1	0.29	0.01	1.53	-1.23	—
Year ended 3-31-2020	1.00	0.50	1	1.58	0.54	—	—	—
Year ended 3-31-2019	1.00	0.47	1	1.70	0.42	—	—	—
Year ended 3-31-2018	1.00	0.01	3	1.16	0.01	1.67	-0.50	—
Year ended 3-31-2017	1.00	0.01	5	0.61	0.02	1.71	-1.08	—
<b>Class C Shares(4)</b>								
Year ended 3-31-2021	1.00	0.01	4	0.36	0.01	1.55	-1.18	—
Year ended 3-31-2020	1.00	0.44	17	1.63	0.45	—	—	—
Year ended 3-31-2019	1.00	0.63	11	1.54	0.61	—	—	—
Year ended 3-31-2018	1.00	0.02	22	1.18	0.02	1.61	-0.41	—
Year ended 3-31-2017	1.00	0.01	29	0.61	0.02	1.61	-0.98	—
<b>Class E Shares</b>								
Year ended 3-31-2021	1.00	0.06	11	0.21	0.05	0.64	-0.38	—
Year ended 3-31-2020	1.00	1.56	9	0.51	1.54	0.68	1.37	—
Year ended 3-31-2019	1.00	1.55	7	0.62	1.56	0.72	1.46	—
Year ended 3-31-2018	1.00	0.51	6	0.71	0.49	—	—	—
Year ended 3-31-2017	1.00	0.01	6	0.61	0.02	0.70	-0.07	—
<b>Class N Shares</b>								
Year ended 3-31-2021	1.00	0.07	—*	0.34	0.53	0.45	0.42	—
Year ended 3-31-2020	1.00	1.57	8	0.52	1.55	—	—	—
Year ended 3-31-2019	1.00	1.68	7	0.50	1.66	—	—	—
Year ended 3-31-2018(5)	1.00	0.65	8	0.40(6)	1.03(6)	—	—	—

See Accompanying Notes to Financial Statements.

[Table of Contents](#)

## FINANCIAL HIGHLIGHTS

## IVY FUNDS

FOR A SHARE OF CAPITAL STOCK OUTSTANDING THROUGHOUT EACH PERIOD

## IVY HIGH INCOME FUND

	Net Asset Value, Beginning of Period	Net Investment Income <sup>(1)</sup>	Net Realized and Unrealized Gain (Loss) on Investments	Total from Investment Operations	Distributions From Net Investment Income	Distributions From Net Realized Gains	Total Distributions
<b>Class A Shares</b>							
Year ended 3-31-2021	\$ 5.91	\$ 0.41	\$ 1.21	\$ 1.62	\$ (0.43)	\$ —	\$ (0.43)
Year ended 3-31-2020	7.20	0.49	(1.29)	(0.80)	(0.49)	—	(0.49)
Year ended 3-31-2019	7.49	0.50	(0.29)	0.21	(0.50)	—	(0.50)
Year ended 3-31-2018	7.60	0.53	(0.12)	0.41	(0.52)	—	(0.52)
Year ended 3-31-2017	6.91	0.55	0.68	1.23	(0.54)	—	(0.54)
<b>Class B Shares<sup>(4)</sup></b>							
Year ended 3-31-2021	5.91	0.36	1.21	1.57	(0.38)	—	(0.38)
Year ended 3-31-2020	7.20	0.44	(1.30)	(0.86)	(0.43)	—	(0.43)
Year ended 3-31-2019	7.49	0.44	(0.29)	0.15	(0.44)	—	(0.44)
Year ended 3-31-2018	7.60	0.45	(0.10)	0.35	(0.46)	—	(0.46)
Year ended 3-31-2017	6.91	0.49	0.68	1.17	(0.48)	—	(0.48)
<b>Class C Shares</b>							
Year ended 3-31-2021	5.91	0.36	1.22	1.58	(0.39)	—	(0.39)
Year ended 3-31-2020	7.20	0.44	(1.29)	(0.85)	(0.44)	—	(0.44)
Year ended 3-31-2019	7.49	0.45	(0.29)	0.16	(0.45)	—	(0.45)
Year ended 3-31-2018	7.60	0.45	(0.09)	0.36	(0.47)	—	(0.47)
Year ended 3-31-2017	6.91	0.50	0.68	1.18	(0.49)	—	(0.49)
<b>Class E Shares</b>							
Year ended 3-31-2021	5.91	0.41	1.21	1.62	(0.43)	—	(0.43)
Year ended 3-31-2020	7.20	0.48	(1.29)	(0.81)	(0.48)	—	(0.48)
Year ended 3-31-2019	7.49	0.49	(0.29)	0.20	(0.49)	—	(0.49)
Year ended 3-31-2018	7.60	0.48	(0.09)	0.39	(0.50)	—	(0.50)
Year ended 3-31-2017	6.91	0.53	0.68	1.21	(0.52)	—	(0.52)
<b>Class I Shares</b>							
Year ended 3-31-2021	5.91	0.43	1.21	1.64	(0.45)	—	(0.45)
Year ended 3-31-2020	7.20	0.50	(1.29)	(0.79)	(0.50)	—	(0.50)
Year ended 3-31-2019	7.49	0.52	(0.29)	0.23	(0.52)	—	(0.52)
Year ended 3-31-2018	7.60	0.53	(0.10)	0.43	(0.54)	—	(0.54)
Year ended 3-31-2017	6.91	0.56	0.69	1.25	(0.56)	—	(0.56)
<b>Class N Shares</b>							
Year ended 3-31-2021	5.91	0.44	1.21	1.65	(0.46)	—	(0.46)
Year ended 3-31-2020	7.20	0.51	(1.29)	(0.78)	(0.51)	—	(0.51)
Year ended 3-31-2019	7.49	0.53	(0.29)	0.24	(0.53)	—	(0.53)
Year ended 3-31-2018	7.60	0.53	(0.09)	0.44	(0.55)	—	(0.55)
Year ended 3-31-2017	6.91	0.59	0.67	1.26	(0.57)	—	(0.57)
<b>Class R Shares</b>							
Year ended 3-31-2021	5.91	0.39	1.21	1.60	(0.41)	—	(0.41)
Year ended 3-31-2020	7.20	0.46	(1.29)	(0.83)	(0.46)	—	(0.46)
Year ended 3-31-2019	7.49	0.47	(0.29)	0.18	(0.47)	—	(0.47)
Year ended 3-31-2018	7.60	0.48	(0.10)	0.38	(0.49)	—	(0.49)
Year ended 3-31-2017	6.91	0.52	0.68	1.20	(0.51)	—	(0.51)
<b>Class Y Shares</b>							
Year ended 3-31-2021	5.91	0.41	1.21	1.62	(0.43)	—	(0.43)
Year ended 3-31-2020	7.20	0.49	(1.29)	(0.80)	(0.49)	—	(0.49)
Year ended 3-31-2019	7.49	0.50	(0.29)	0.21	(0.50)	—	(0.50)
Year ended 3-31-2018	7.60	0.50	(0.09)	0.41	(0.52)	—	(0.52)
Year ended 3-31-2017	6.91	0.55	0.68	1.23	(0.54)	—	(0.54)

(1) Based on average weekly shares outstanding.

(2) Based on net asset value, which does not reflect the sales charge or contingent deferred sales charge, if applicable. Total returns for periods less than one year are not annualized.

(3) Ratios excluding expense waivers are included only for periods in which the class had waived or reimbursed expenses.

(4) These class shares are not available for direct investment. However, they are available for dividend reinvestment and exchange of the same class shares of another Ivy Fund.

[Table of Contents](#)

	Net Asset Value, End of Period	Total Return <sup>(2)</sup>	Net Assets, End of Period (in millions)	Ratio of Expenses to Average Net Assets Including Expense Waiver	Ratio of Net Investment Income to Average Net Assets Including Expense Waiver	Ratio of Expenses to Average Net Assets Excluding Expense Waiver <sup>(3)</sup>	Ratio of Net Investment Income to Average Net Assets Excluding Expense Waiver <sup>(3)</sup>	Portfolio Turnover Rate
<b>Class A Shares</b>								
Year ended 3-31-2021	\$ 7.10	28.16%	\$ 1,816	0.97%	6.16%	—%	—%	59%
Year ended 3-31-2020	5.91	-12.03	1,465	0.95	6.89	—	—	30
Year ended 3-31-2019	7.20	2.93	1,930	0.95	6.81	—	—	41
Year ended 3-31-2018	7.49	5.54	2,221	0.95	7.02	—	—	39
Year ended 3-31-2017	7.60	18.34	1,250	0.97	7.51	—	—	35
<b>Class B Shares<sup>(4)</sup></b>								
Year ended 3-31-2021	7.10	27.22	8	1.70	5.49	1.82	5.37	59
Year ended 3-31-2020	5.91	-12.71	19	1.71	6.11	1.77	6.05	30
Year ended 3-31-2019	7.20	2.15	40	1.71	6.04	1.73	6.02	41
Year ended 3-31-2018	7.49	4.72	62	1.71	5.90	—	—	39
Year ended 3-31-2017	7.60	17.46	79	1.72	6.72	—	—	35
<b>Class C Shares</b>								
Year ended 3-31-2021	7.10	27.28	321	1.66	5.50	1.70	5.46	59
Year ended 3-31-2020	5.91	-12.66	447	1.66	6.17	1.68	6.15	30
Year ended 3-31-2019	7.20	2.21	683	1.66	6.10	1.66	6.10	41
Year ended 3-31-2018	7.49	4.77	817	1.66	5.94	—	—	39
Year ended 3-31-2017	7.60	17.51	970	1.67	6.77	—	—	35
<b>Class E Shares</b>								
Year ended 3-31-2021	7.10	28.07	9	1.04	6.09	1.21	5.92	59
Year ended 3-31-2020	5.91	-12.14	8	1.07	6.77	1.22	6.62	30
Year ended 3-31-2019	7.20	2.79	9	1.09	6.68	1.24	6.53	41
Year ended 3-31-2018	7.49	5.28	10	1.13	6.38	1.21	6.30	39
Year ended 3-31-2017	7.60	18.08	10	1.19	7.22	1.28	7.13	35
<b>Class I Shares</b>								
Year ended 3-31-2021	7.10	28.44	1,868	0.75	6.38	—	—	59
Year ended 3-31-2020	5.91	-11.83	1,487	0.73	7.11	—	—	30
Year ended 3-31-2019	7.20	3.18	2,058	0.72	7.05	—	—	41
Year ended 3-31-2018	7.49	5.77	2,156	0.72	6.99	—	—	39
Year ended 3-31-2017	7.60	18.64	1,737	0.71	7.69	—	—	35
<b>Class N Shares</b>								
Year ended 3-31-2021	7.10	28.63	67	0.60	6.54	—	—	59
Year ended 3-31-2020	5.91	-11.69	64	0.58	7.27	—	—	30
Year ended 3-31-2019	7.20	3.35	71	0.56	7.22	—	—	41
Year ended 3-31-2018	7.49	5.93	45	0.57	7.02	—	—	39
Year ended 3-31-2017	7.60	18.83	34	0.56	8.04	—	—	35
<b>Class R Shares</b>								
Year ended 3-31-2021	7.10	27.67	48	1.35	5.79	—	—	59
Year ended 3-31-2020	5.91	-12.36	45	1.32	6.52	—	—	30
Year ended 3-31-2019	7.20	2.58	62	1.30	6.47	—	—	41
Year ended 3-31-2018	7.49	5.15	65	1.30	6.26	—	—	39
Year ended 3-31-2017	7.60	17.94	70	1.31	7.05	—	—	35
<b>Class Y Shares</b>								
Year ended 3-31-2021	7.10	28.17	138	0.97	6.17	1.00	6.14	59
Year ended 3-31-2020	5.91	-12.03	133	0.95	6.87	0.98	6.84	30
Year ended 3-31-2019	7.20	2.94	239	0.95	6.80	0.96	6.79	41
Year ended 3-31-2018	7.49	5.53	329	0.95	6.63	0.96	6.62	39
Year ended 3-31-2017	7.60	18.33	396	0.96	7.46	—	—	35

See Accompanying Notes to Financial Statements.

[Table of Contents](#)

## FINANCIAL HIGHLIGHTS

## IVY FUNDS

FOR A SHARE OF CAPITAL STOCK OUTSTANDING THROUGHOUT EACH PERIOD

## IVY INTERNATIONAL CORE EQUITY FUND

	Net Asset Value, Beginning of Period	Net Investment Income <sup>(1)</sup>	Net Realized and Unrealized Gain (Loss) on Investments	Total from Investment Operations	Distributions From Net Investment Income	Distributions From Net Realized Gains	Total Distributions
<b>Class A Shares</b>							
Year ended 3-31-2021	\$ 13.29	\$ 0.23	\$ 6.48	\$ 6.71	\$ (0.18)	\$ —	\$ (0.18)
Year ended 3-31-2020	16.75	0.26	(3.30)	(3.04)	(0.42)	—	(0.42)
Year ended 3-31-2019	19.98	0.35	(2.11)	(1.76)	(0.36)	(1.11)	(1.47)
Year ended 3-31-2018	17.97	0.25	1.96	2.21	(0.20)	—	(0.20)
Year ended 3-31-2017	15.97	0.30	1.96	2.26	(0.26)	—	(0.26)
<b>Class B Shares<sup>(4)</sup></b>							
Year ended 3-31-2021	11.62	0.06	5.65	5.71	(0.07)	—	(0.07)
Year ended 3-31-2020	14.70	0.12	(2.90)	(2.78)	(0.30)	—	(0.30)
Year ended 3-31-2019	17.72	0.17	(1.86)	(1.69)	(0.22)	(1.11)	(1.33)
Year ended 3-31-2018	15.98	0.09	1.73	1.82	(0.08)	—	(0.08)
Year ended 3-31-2017	14.24	0.07	1.80	1.87	(0.13)	—	(0.13)
<b>Class C Shares</b>							
Year ended 3-31-2021	11.65	0.09	5.68	5.77	(0.09)	—	(0.09)
Year ended 3-31-2020	14.75	0.14	(2.91)	(2.77)	(0.33)	—	(0.33)
Year ended 3-31-2019	17.77	0.20	(1.87)	(1.67)	(0.24)	(1.11)	(1.35)
Year ended 3-31-2018	16.02	0.11	1.74	1.85	(0.10)	—	(0.10)
Year ended 3-31-2017	14.27	0.11	1.81	1.92	(0.17)	—	(0.17)
<b>Class E Shares</b>							
Year ended 3-31-2021	13.40	0.24	6.53	6.77	(0.19)	—	(0.19)
Year ended 3-31-2020	16.88	0.26	(3.32)	(3.06)	(0.42)	—	(0.42)
Year ended 3-31-2019	20.11	0.34	(2.11)	(1.77)	(0.35)	(1.11)	(1.46)
Year ended 3-31-2018	18.09	0.24	1.98	2.22	(0.20)	—	(0.20)
Year ended 3-31-2017	16.08	0.22	2.04	2.26	(0.25)	—	(0.25)
<b>Class I Shares</b>							
Year ended 3-31-2021	13.39	0.29	6.55	6.84	(0.25)	—	(0.25)
Year ended 3-31-2020	16.86	0.35	(3.32)	(2.97)	(0.50)	—	(0.50)
Year ended 3-31-2019	20.10	0.42	(2.12)	(1.70)	(0.43)	(1.11)	(1.54)
Year ended 3-31-2018	18.07	0.31	1.98	2.29	(0.26)	—	(0.26)
Year ended 3-31-2017	16.07	0.26	2.06	2.32	(0.32)	—	(0.32)
<b>Class N Shares</b>							
Year ended 3-31-2021	13.43	0.29	6.56	6.85	(0.25)	—	(0.25)
Year ended 3-31-2020	16.91	0.36	(3.34)	(2.98)	(0.50)	—	(0.50)
Year ended 3-31-2019	20.16	0.43	(2.12)	(1.69)	(0.45)	(1.11)	(1.56)
Year ended 3-31-2018	18.13	0.30	2.02	2.32	(0.29)	—	(0.29)
Year ended 3-31-2017	16.11	0.29	2.07	2.36	(0.34)	—	(0.34)
<b>Class R Shares</b>							
Year ended 3-31-2021	13.29	0.17	6.48	6.65	(0.14)	—	(0.14)
Year ended 3-31-2020	16.75	0.20	(3.28)	(3.08)	(0.38)	—	(0.38)
Year ended 3-31-2019	19.97	0.29	(2.10)	(1.81)	(0.30)	(1.11)	(1.41)
Year ended 3-31-2018	17.96	0.17	1.99	2.16	(0.15)	—	(0.15)
Year ended 3-31-2017	15.97	0.17	2.04	2.21	(0.22)	—	(0.22)
<b>Class Y Shares</b>							
Year ended 3-31-2021	13.39	0.22	6.56	6.78	(0.19)	—	(0.19)
Year ended 3-31-2020	16.87	0.27	(3.32)	(3.05)	(0.43)	—	(0.43)
Year ended 3-31-2019	20.12	0.37	(2.14)	(1.77)	(0.37)	(1.11)	(1.48)
Year ended 3-31-2018	18.09	0.26	1.98	2.24	(0.21)	—	(0.21)
Year ended 3-31-2017	16.08	0.26	2.02	2.28	(0.27)	—	(0.27)

(1) Based on average weekly shares outstanding.

(2) Based on net asset value, which does not reflect the sales charge or contingent deferred sales charge, if applicable. Total returns for periods less than one year are not annualized.

(3) Ratios excluding expense waivers are included only for periods in which the class had waived or reimbursed expenses.

(4) These class shares are not available for direct investment. However, they are available for dividend reinvestment and exchange of the same class shares of another Ivy Fund.

(5) Expense ratio based on the period excluding reorganization expenses was 1.25%.

(6) Expense ratio based on the period excluding reorganization expenses was 1.18%.

[Table of Contents](#)

	Net Asset Value, End of Period	Total Return <sup>(2)</sup>	Net Assets, End of Period (in millions)	Ratio of Expenses to Average Net Assets Including Expense Waiver	Ratio of Net Investment Income to Average Net Assets Including Expense Waiver	Ratio of Expenses to Average Net Assets Excluding Expense Waiver <sup>(3)</sup>	Ratio of Net Investment Income (Loss) to Average Net Assets Excluding Expense Waiver <sup>(3)</sup>	Portfolio Turnover Rate
<b>Class A Shares</b>								
Year ended 3-31-2021	\$ 19.82	50.62%	\$ 388	1.23%	1.33%	1.35%	1.21%	76%
Year ended 3-31-2020	13.29	-18.72	322	1.25	1.57	1.31	1.51	62
Year ended 3-31-2019	16.75	-8.57	568	1.26 <sup>(5)</sup>	1.90	1.27	1.89	52
Year ended 3-31-2018	19.98	12.33	677	1.25	1.27	—	—	48
Year ended 3-31-2017	17.97	14.31	564	1.29	1.78	—	—	80
<b>Class B Shares<sup>(4)</sup></b>								
Year ended 3-31-2021	17.26	49.21	1	2.08	0.38	2.52	-0.06	76
Year ended 3-31-2020	11.62	-19.38	1	2.11	0.82	2.29	0.64	62
Year ended 3-31-2019	14.70	-9.34	4	2.10	1.05	2.13	1.02	52
Year ended 3-31-2018	17.72	11.39	7	2.11	0.50	—	—	48
Year ended 3-31-2017	15.98	13.20	9	2.22	0.45	—	—	80
<b>Class C Shares</b>								
Year ended 3-31-2021	17.33	49.63	67	1.92	0.58	2.05	0.45	76
Year ended 3-31-2020	11.65	-19.30	77	1.93	0.94	1.99	0.88	62
Year ended 3-31-2019	14.75	-9.14	163	1.91	1.24	1.92	1.23	52
Year ended 3-31-2018	17.77	11.57	240	1.93	0.62	—	—	48
Year ended 3-31-2017	16.02	13.51	220	1.97	0.72	—	—	80
<b>Class E Shares</b>								
Year ended 3-31-2021	19.98	50.64	7	1.18	1.39	1.57	1.00	76
Year ended 3-31-2020	13.40	-18.70	6	1.24	1.56	1.55	1.25	62
Year ended 3-31-2019	16.88	-8.62	7	1.29	1.83	1.51	1.61	52
Year ended 3-31-2018	20.11	12.31	8	1.28	1.22	1.51	0.99	48
Year ended 3-31-2017	18.09	14.20	6	1.31	1.31	1.61	1.01	80
<b>Class I Shares</b>								
Year ended 3-31-2021	19.98	51.27	1,408	0.79	1.72	1.03	1.48	76
Year ended 3-31-2020	13.39	-18.30	1,483	0.79	2.08	0.98	1.89	62
Year ended 3-31-2019	16.86	-8.20	3,149	0.85	2.27	0.95	2.17	52
Year ended 3-31-2018	20.10	12.70	4,136	0.94	1.59	—	—	48
Year ended 3-31-2017	18.07	14.58	3,168	0.97	1.52	—	—	80
<b>Class N Shares</b>								
Year ended 3-31-2021	20.03	51.19	497	0.79	1.69	0.88	1.60	76
Year ended 3-31-2020	13.43	-18.31	620	0.79	2.09	0.83	2.05	62
Year ended 3-31-2019	16.91	-8.12	1,437	0.79	2.35	0.80	2.34	52
Year ended 3-31-2018	20.16	12.82	1,597	0.79	1.49	—	—	48
Year ended 3-31-2017	18.13	14.83	484	0.82	1.72	—	—	80
<b>Class R Shares</b>								
Year ended 3-31-2021	19.80	50.08	55	1.53	1.02	1.62	0.93	76
Year ended 3-31-2020	13.29	-18.93	47	1.53	1.21	1.57	1.17	62
Year ended 3-31-2019	16.75	-8.82	104	1.53	1.60	1.54	1.59	52
Year ended 3-31-2018	19.97	12.04	117	1.53	0.85	—	—	48
Year ended 3-31-2017	17.96	13.95	56	1.56	1.00	—	—	80
<b>Class Y Shares</b>								
Year ended 3-31-2021	19.98	50.76	91	1.17	1.33	1.29	1.21	76
Year ended 3-31-2020	13.39	-18.65	176	1.18	1.62	1.23	1.57	62
Year ended 3-31-2019	16.87	-8.55	377	1.19 <sup>(6)</sup>	1.99	1.19	1.99	52
Year ended 3-31-2018	20.12	12.42	487	1.19	1.32	—	—	48
Year ended 3-31-2017	18.09	14.34	416	1.24	1.56	—	—	80

See Accompanying Notes to Financial Statements.

[Table of Contents](#)

## FINANCIAL HIGHLIGHTS

## IVY FUNDS

FOR A SHARE OF CAPITAL STOCK OUTSTANDING THROUGHOUT EACH PERIOD

## IVY LARGE CAP GROWTH FUND

	Net Asset Value, Beginning of Period	Net Investment Income (Loss) <sup>(1)</sup>	Net Realized and Unrealized Gain on Investments	Total from Investment Operations	Distributions From Net Investment Income	Distributions From Net Realized Gains	Total Distributions
<b>Class A Shares</b>							
Year ended 3-31-2021	\$ 20.52	\$ (0.07)	\$ 10.80	\$ 10.73	\$ —	\$ (1.90)	\$ (1.90)
Year ended 3-31-2020	22.73	(0.02)	0.85	0.83	—	(3.04)	(3.04)
Year ended 3-31-2019	22.65	(0.01)	2.87	2.86	—	(2.78)	(2.78)
Year ended 3-31-2018	19.17	(0.01)	4.46	4.45	—	(0.97)	(0.97)
Year ended 3-31-2017	17.66	0.00*	2.42	2.42	—	(0.91)	(0.91)
<b>Class B Shares<sup>(4)</sup></b>							
Year ended 3-31-2021	14.29	(0.20)	7.46	7.26	—	(1.90)	(1.90)
Year ended 3-31-2020	16.69	(0.16)	0.71	0.55	—	(2.95)	(2.95)
Year ended 3-31-2019	17.46	(0.16)	2.14	1.98	—	(2.75)	(2.75)
Year ended 3-31-2018	15.09	(0.16)	3.50	3.34	—	(0.97)	(0.97)
Year ended 3-31-2017	14.22	(0.14)	1.92	1.78	—	(0.91)	(0.91)
<b>Class C Shares</b>							
Year ended 3-31-2021	15.94	(0.22)	8.33	8.11	—	(1.90)	(1.90)
Year ended 3-31-2020	18.30	(0.17)	0.75	0.58	—	(2.94)	(2.94)
Year ended 3-31-2019	18.87	(0.15)	2.33	2.18	—	(2.75)	(2.75)
Year ended 3-31-2018	16.22	(0.15)	3.77	3.62	—	(0.97)	(0.97)
Year ended 3-31-2017	15.19	(0.11)	2.05	1.94	—	(0.91)	(0.91)
<b>Class E Shares</b>							
Year ended 3-31-2021	20.45	(0.10)	10.76	10.66	—	(1.90)	(1.90)
Year ended 3-31-2020	22.67	(0.05)	0.85	0.80	—	(3.02)	(3.02)
Year ended 3-31-2019	22.62	(0.04)	2.87	2.83	—	(2.78)	(2.78)
Year ended 3-31-2018	19.15	(0.02)	4.46	4.44	—	(0.97)	(0.97)
Year ended 3-31-2017	17.64	0.00*	2.42	2.42	—	(0.91)	(0.91)
<b>Class I Shares</b>							
Year ended 3-31-2021	21.90	0.03	11.52	11.55	(0.01)	(1.96)	(1.97)
Year ended 3-31-2020	24.09	0.06	0.89	0.95	(0.07)	(3.07)	(3.14)
Year ended 3-31-2019	23.80	0.06	3.03	3.09	—	(2.80)	(2.80)
Year ended 3-31-2018	20.08	0.04	4.69	4.73	(0.04)	(0.97)	(1.01)
Year ended 3-31-2017	18.41	0.05	2.53	2.58	—	(0.91)	(0.91)
<b>Class N Shares</b>							
Year ended 3-31-2021	22.05	0.03	11.61	11.64	(0.02)	(1.96)	(1.98)
Year ended 3-31-2020	24.25	0.07	0.89	0.96	(0.09)	(3.07)	(3.16)
Year ended 3-31-2019	23.91	0.08	3.04	3.12	—	(2.78)	(2.78)
Year ended 3-31-2018	20.18	0.07	4.72	4.79	(0.09)	(0.97)	(1.06)
Year ended 3-31-2017	18.47	0.07	2.55	2.62	—	(0.91)	(0.91)
<b>Class R Shares</b>							
Year ended 3-31-2021	19.43	(0.16)	10.20	10.04	—	(1.90)	(1.90)
Year ended 3-31-2020	21.69	(0.10)	0.82	0.72	—	(2.98)	(2.98)
Year ended 3-31-2019	21.79	(0.09)	2.74	2.65	—	(2.75)	(2.75)
Year ended 3-31-2018	18.54	(0.09)	4.31	4.22	—	(0.97)	(0.97)
Year ended 3-31-2017	17.16	(0.06)	2.35	2.29	—	(0.91)	(0.91)
<b>Class Y Shares</b>							
Year ended 3-31-2021	21.18	(0.07)	11.15	11.08	—	(1.90)	(1.90)
Year ended 3-31-2020	23.37	(0.02)	0.86	0.84	—	(3.03)	(3.03)
Year ended 3-31-2019	23.24	(0.01)	2.94	2.93	—	(2.80)	(2.80)
Year ended 3-31-2018	19.63	0.00*	4.58	4.58	—	(0.97)	(0.97)
Year ended 3-31-2017	18.04	0.00*	2.50	2.50	—	(0.91)	(0.91)

\* Not shown due to rounding.

(1) Based on average weekly shares outstanding.

(2) Based on net asset value, which does not reflect the sales charge or contingent deferred sales charge, if applicable. Total returns for periods less than one year are not annualized.

(3) Ratios excluding expense waivers are included only for periods in which the class had waived or reimbursed expenses.

(4) These class shares are not available for direct investment. However, they are available for dividend reinvestment and exchange of the same class shares of another Ivy Fund.

(5) Expense ratio based on the period excluding reorganization expenses was 1.04%.

[Table of Contents](#)

	Net Asset Value, End of Period	Total Return <sup>(2)</sup>	Net Assets, End of Period (in millions)	Ratio of Expenses to Average Net Assets Including Expense Waiver	Ratio of Net Investment Income (Loss) to Average Net Assets Including Expense Waiver	Ratio of Expenses to Average Net Assets Excluding Expense Waiver <sup>(3)</sup>	Ratio of Net Investment Income (Loss) to Average Net Assets Excluding Expense Waiver <sup>(3)</sup>	Portfolio Turnover Rate
<b>Class A Shares</b>								
Year ended 3-31-2021	\$ 29.35	52.78%	\$ 2,740	0.98%	-0.24%	—%	—%	23%
Year ended 3-31-2020	20.52	2.18	1,936	1.01	-0.07	—	—	33
Year ended 3-31-2019	22.73	13.65	2,113	1.04	-0.04	—	—	37
Year ended 3-31-2018	22.65	23.45	1,778	1.13	-0.05	1.13	-0.05	37
Year ended 3-31-2017	19.17	14.12	487	1.15	0.01	1.19	-0.03	43
<b>Class B Shares<sup>(4)</sup></b>								
Year ended 3-31-2021	19.65	51.46	4	1.83	-1.09	1.95	-1.21	23
Year ended 3-31-2020	14.29	1.33	5	1.85	-0.92	1.95	-1.02	33
Year ended 3-31-2019	16.69	12.63	9	1.92	-0.91	1.97	-0.96	37
Year ended 3-31-2018	17.46	22.42	11	2.00	-0.95	—	—	37
Year ended 3-31-2017	15.09	13.01	10	2.08	-0.94	—	—	43
<b>Class C Shares</b>								
Year ended 3-31-2021	22.15	51.46	69	1.82	-1.07	—	—	23
Year ended 3-31-2020	15.94	1.38	69	1.83	-0.89	—	—	33
Year ended 3-31-2019	18.30	12.75	88	1.81	-0.81	—	—	37
Year ended 3-31-2018	18.87	22.59	84	1.86	-0.82	—	—	37
Year ended 3-31-2017	16.22	13.24	97	1.87	-0.73	—	—	43
<b>Class E Shares</b>								
Year ended 3-31-2021	29.21	52.61	31	1.10	-0.36	1.10	-0.36	23
Year ended 3-31-2020	20.45	2.05	20	1.14	-0.20	1.15	-0.21	33
Year ended 3-31-2019	22.67	13.52	19	1.15	-0.16	1.19	-0.20	37
Year ended 3-31-2018	22.62	23.43	16	1.15	-0.11	1.28	-0.24	37
Year ended 3-31-2017	19.15	14.14	13	1.15	-0.01	1.36	-0.22	43
<b>Class I Shares</b>								
Year ended 3-31-2021	31.48	53.25	2,527	0.64	0.09	0.79	-0.06	23
Year ended 3-31-2020	21.90	2.51	1,819	0.69	0.24	0.80	0.13	33
Year ended 3-31-2019	24.09	13.99	1,970	0.73	0.27	0.82	0.18	37
Year ended 3-31-2018	23.80	23.80	1,580	0.88	0.18	—	—	37
Year ended 3-31-2017	20.08	14.42	961	0.88	0.24	0.88	0.24	43
<b>Class N Shares</b>								
Year ended 3-31-2021	31.71	53.28	164	0.64	0.10	0.64	0.10	23
Year ended 3-31-2020	22.05	2.54	107	0.66	0.28	—	—	33
Year ended 3-31-2019	24.25	14.06	108	0.66	0.33	—	—	37
Year ended 3-31-2018	23.91	24.00	100	0.72	0.30	—	—	37
Year ended 3-31-2017	20.18	14.59	1	0.72	0.39	—	—	43
<b>Class R Shares</b>								
Year ended 3-31-2021	27.57	52.17	13	1.38	-0.63	—	—	23
Year ended 3-31-2020	19.43	1.75	13	1.40	-0.46	—	—	33
Year ended 3-31-2019	21.69	13.22	18	1.40	-0.40	—	—	37
Year ended 3-31-2018	21.79	23.06	23	1.46	-0.42	—	—	37
Year ended 3-31-2017	18.54	13.77	21	1.47	-0.33	—	—	43
<b>Class Y Shares</b>								
Year ended 3-31-2021	30.36	52.78	31	0.98	-0.24	1.04	-0.30	23
Year ended 3-31-2020	21.18	2.19	26	1.01	-0.08	1.05	-0.12	33
Year ended 3-31-2019	23.37	13.61	38	1.05 <sup>(5)</sup>	-0.05	1.06	-0.06	37
Year ended 3-31-2018	23.24	23.57	37	1.05	-0.01	1.11	-0.07	37
Year ended 3-31-2017	19.63	14.27	35	1.06	0.02	1.12	-0.04	43

See Accompanying Notes to Financial Statements.

[Table of Contents](#)

## FINANCIAL HIGHLIGHTS

## IVY FUNDS

FOR A SHARE OF CAPITAL STOCK OUTSTANDING THROUGHOUT EACH PERIOD

## IVY LIMITED-TERM BOND FUND

	Net Asset Value, Beginning of Period	Net Investment Income <sup>(1)</sup>	Net Realized and Unrealized Gain (Loss) on Investments	Total from Investment Operations	Distributions From Net Investment Income	Distributions From Net Realized Gains	Total Distributions
<b>Class A Shares</b>							
Year ended 3-31-2021	\$ 10.87	\$ 0.15	\$ 0.17	\$ 0.32	\$ (0.15)	\$ —	\$ (0.15)
Year ended 3-31-2020	10.74	0.20	0.14	0.34	(0.21)	—	(0.21)
Year ended 3-31-2019	10.64	0.21	0.10	0.31	(0.21)	—	(0.21)
Year ended 3-31-2018	10.80	0.18	(0.15)	0.03	(0.19)	—	(0.19)
Year ended 3-31-2017	10.87	0.17	(0.06)	0.11	(0.18)	—	(0.18)
<b>Class B Shares<sup>(4)</sup></b>							
Year ended 3-31-2021	10.87	0.05	0.16	0.21	(0.04)	—	(0.04)
Year ended 3-31-2020	10.74	0.11	0.13	0.24	(0.11)	—	(0.11)
Year ended 3-31-2019	10.64	0.11	0.11	0.22	(0.12)	—	(0.12)
Year ended 3-31-2018	10.80	0.08	(0.15)	(0.07)	(0.09)	—	(0.09)
Year ended 3-31-2017	10.87	0.08	(0.07)	0.01	(0.08)	—	(0.08)
<b>Class C Shares</b>							
Year ended 3-31-2021	10.87	0.07	0.17	0.24	(0.07)	—	(0.07)
Year ended 3-31-2020	10.74	0.12	0.13	0.25	(0.12)	—	(0.12)
Year ended 3-31-2019	10.64	0.13	0.10	0.23	(0.13)	—	(0.13)
Year ended 3-31-2018	10.80	0.10	(0.15)	(0.05)	(0.11)	—	(0.11)
Year ended 3-31-2017	10.87	0.09	(0.06)	0.03	(0.10)	—	(0.10)
<b>Class E Shares</b>							
Year ended 3-31-2021	10.87	0.15	0.17	0.32	(0.15)	—	(0.15)
Year ended 3-31-2020	10.74	0.20	0.13	0.33	(0.20)	—	(0.20)
Year ended 3-31-2019	10.64	0.20	0.10	0.30	(0.20)	—	(0.20)
Year ended 3-31-2018	10.80	0.17	(0.14)	0.03	(0.19)	—	(0.19)
Year ended 3-31-2017	10.87	0.16	(0.06)	0.10	(0.17)	—	(0.17)
<b>Class I Shares</b>							
Year ended 3-31-2021	10.87	0.18	0.17	0.35	(0.18)	—	(0.18)
Year ended 3-31-2020	10.74	0.23	0.13	0.36	(0.23)	—	(0.23)
Year ended 3-31-2019	10.64	0.24	0.10	0.34	(0.24)	—	(0.24)
Year ended 3-31-2018	10.80	0.21	(0.16)	0.05	(0.21)	—	(0.21)
Year ended 3-31-2017	10.87	0.19	(0.06)	0.13	(0.20)	—	(0.20)
<b>Class N Shares</b>							
Year ended 3-31-2021	10.87	0.20	0.17	0.37	(0.20)	—	(0.20)
Year ended 3-31-2020	10.74	0.24	0.14	0.38	(0.25)	—	(0.25)
Year ended 3-31-2019	10.64	0.25	0.10	0.35	(0.25)	—	(0.25)
Year ended 3-31-2018	10.80	0.22	(0.15)	0.07	(0.23)	—	(0.23)
Year ended 3-31-2017	10.87	0.21	(0.06)	0.15	(0.22)	—	(0.22)
<b>Class R Shares</b>							
Year ended 3-31-2021	10.87	0.12	0.16	0.28	(0.11)	—	(0.11)
Year ended 3-31-2020	10.74	0.16	0.14	0.30	(0.17)	—	(0.17)
Year ended 3-31-2019	10.64	0.17	0.10	0.27	(0.17)	—	(0.17)
Year ended 3-31-2018	10.80	0.14	(0.15)	(0.01)	(0.15)	—	(0.15)
Year ended 3-31-2017	10.87	0.13	(0.06)	0.07	(0.14)	—	(0.14)
<b>Class Y Shares</b>							
Year ended 3-31-2021	10.87	0.16	0.16	0.32	(0.15)	—	(0.15)
Year ended 3-31-2020	10.74	0.20	0.14	0.34	(0.21)	—	(0.21)
Year ended 3-31-2019	10.64	0.21	0.10	0.31	(0.21)	—	(0.21)
Year ended 3-31-2018	10.80	0.18	(0.15)	0.03	(0.19)	—	(0.19)
Year ended 3-31-2017	10.87	0.17	(0.06)	0.11	(0.18)	—	(0.18)

\* Not shown due to rounding.

(1) Based on average weekly shares outstanding.

(2) Based on net asset value, which does not reflect the sales charge or contingent deferred sales charge, if applicable. Total returns for periods less than one year are not annualized.

(3) Ratios excluding expense waivers are included only for periods in which the class had waived or reimbursed expenses.

(4) These class shares are not available for direct investment. However, they are available for dividend reinvestment and exchange of the same class shares of another Ivy Fund.

[Table of Contents](#)

	Net Asset Value, End of Period	Total Return(2)	Net Assets, End of Period (in millions)	Ratio of Expenses to Average Net Assets Including Expense Waiver	Ratio of Net Investment Income to Average Net Assets Including Expense Waiver	Ratio of Expenses to Average Net Assets Excluding Expense Waiver(3)	Ratio of Net Investment Income to Average Net Assets Excluding Expense Waiver(3)	Portfolio Turnover Rate
<b>Class A Shares</b>								
Year ended 3-31-2021	\$ 11.04	2.99%	\$ 421	0.89%	1.39%	—%	—%	55%
Year ended 3-31-2020	10.87	3.14	381	0.91	1.86	—	—	61
Year ended 3-31-2019	10.74	2.95	382	0.91	1.90	—	—	83
Year ended 3-31-2018	10.64	0.25	431	0.89	1.69	—	—	24
Year ended 3-31-2017	10.80	0.99	536	0.88	1.59	—	—	65
<b>Class B Shares(4)</b>								
Year ended 3-31-2021	11.04	1.97	—*	1.90	0.49	—	—	55
Year ended 3-31-2020	10.87	2.20	2	1.84	0.97	—	—	61
Year ended 3-31-2019	10.74	2.07	3	1.77	1.03	—	—	83
Year ended 3-31-2018	10.64	-0.65	6	1.80	0.78	—	—	24
Year ended 3-31-2017	10.80	0.12	10	1.74	0.71	—	—	65
<b>Class C Shares</b>								
Year ended 3-31-2021	11.04	2.23	25	1.65	0.65	—	—	55
Year ended 3-31-2020	10.87	2.36	27	1.67	1.12	—	—	61
Year ended 3-31-2019	10.74	2.20	45	1.65	1.16	—	—	83
Year ended 3-31-2018	10.64	-0.51	55	1.66	0.92	—	—	24
Year ended 3-31-2017	10.80	0.24	87	1.62	0.83	—	—	65
<b>Class E Shares</b>								
Year ended 3-31-2021	11.04	2.96	7	0.93	1.35	0.95	1.33	55
Year ended 3-31-2020	10.87	3.11	8	0.95	1.82	1.00	1.77	61
Year ended 3-31-2019	10.74	2.90	5	0.95	1.85	1.03	1.77	83
Year ended 3-31-2018	10.64	0.17	4	0.98	1.60	1.02	1.56	24
Year ended 3-31-2017	10.80	0.89	5	0.98	1.46	—	—	65
<b>Class I Shares</b>								
Year ended 3-31-2021	11.04	3.21	596	0.68	1.61	—	—	55
Year ended 3-31-2020	10.87	3.38	570	0.69	2.10	—	—	61
Year ended 3-31-2019	10.74	3.19	677	0.67	2.14	—	—	83
Year ended 3-31-2018	10.64	0.49	710	0.66	1.92	—	—	24
Year ended 3-31-2017	10.80	1.23	871	0.64	1.79	—	—	65
<b>Class N Shares</b>								
Year ended 3-31-2021	11.04	3.37	122	0.53	1.77	—	—	55
Year ended 3-31-2020	10.87	3.54	130	0.53	2.25	—	—	61
Year ended 3-31-2019	10.74	3.36	169	0.51	2.30	—	—	83
Year ended 3-31-2018	10.64	0.64	85	0.50	2.08	—	—	24
Year ended 3-31-2017	10.80	1.38	88	0.49	1.94	—	—	65
<b>Class R Shares</b>								
Year ended 3-31-2021	11.04	2.61	—*	1.27	1.06	—	—	55
Year ended 3-31-2020	10.87	2.76	1	1.28	1.47	—	—	61
Year ended 3-31-2019	10.74	2.60	—*	1.26	1.54	—	—	83
Year ended 3-31-2018	10.64	-0.12	1	1.26	1.32	—	—	24
Year ended 3-31-2017	10.80	0.62	1	1.24	1.21	—	—	65
<b>Class Y Shares</b>								
Year ended 3-31-2021	11.04	2.99	3	0.89	1.45	0.93	1.41	55
Year ended 3-31-2020	10.87	3.14	6	0.91	1.88	0.96	1.83	61
Year ended 3-31-2019	10.74	2.95	7	0.91	1.89	0.91	1.89	83
Year ended 3-31-2018	10.64	0.25	11	0.89	1.69	0.91	1.67	24
Year ended 3-31-2017	10.80	0.99	16	0.88	1.57	0.89	1.56	65

See Accompanying Notes to Financial Statements.

[Table of Contents](#)

## FINANCIAL HIGHLIGHTS

## IVY FUNDS

FOR A SHARE OF CAPITAL STOCK OUTSTANDING THROUGHOUT EACH PERIOD

## IVY MANAGED INTERNATIONAL OPPORTUNITIES FUND

	Net Asset Value, Beginning of Period	Net Investment Income (Loss) <sup>(1)</sup>	Net Realized and Unrealized Gain (Loss) on Investments	Total from Investment Operations	Distributions From Net Investment Income	Distributions From Net Realized Gains	Total Distributions
<b>Class A Shares</b>							
Year ended 3-31-2021	\$ 7.80	\$ 0.08	\$ 4.73	\$ 4.81	\$ (0.09)	\$ —	\$ (0.09)
Year ended 3-31-2020	10.18	0.18	(1.88)	(1.70)	(0.20)	(0.48)	(0.68)
Year ended 3-31-2019	11.87	0.14	(1.08)	(0.94)	(0.16)	(0.59)	(0.75)
Year ended 3-31-2018	10.58	0.14	1.44	1.58	(0.15)	(0.14)	(0.29)
Year ended 3-31-2017	9.46	0.08	1.14	1.22	(0.10)	—	(0.10)
<b>Class B Shares<sup>(5)</sup></b>							
Year ended 3-31-2021	7.49	(0.01)	4.74	4.73	(0.04)	—	(0.04)
Year ended 3-31-2020	9.89	0.06	(1.84)	(1.78)	(0.14)	(0.48)	(0.62)
Year ended 3-31-2019	11.61	0.04	(1.08)	(1.04)	(0.09)	(0.59)	(0.68)
Year ended 3-31-2018	10.35	0.03	1.44	1.47	(0.07)	(0.14)	(0.21)
Year ended 3-31-2017	9.25	0.01	1.13	1.14	(0.04)	—	(0.04)
<b>Class C Shares</b>							
Year ended 3-31-2021	7.53	0.00*	4.73	4.73	(0.04)	—	(0.04)
Year ended 3-31-2020	9.92	0.10	(1.86)	(1.76)	(0.15)	(0.48)	(0.63)
Year ended 3-31-2019	11.64	0.06	(1.09)	(1.03)	(0.10)	(0.59)	(0.69)
Year ended 3-31-2018	10.38	0.07	1.41	1.48	(0.08)	(0.14)	(0.22)
Year ended 3-31-2017	9.28	0.02	1.13	1.15	(0.05)	—	(0.05)
<b>Class I Shares</b>							
Year ended 3-31-2021	7.87	0.12	4.74	4.86	(0.12)	—	(0.12)
Year ended 3-31-2020	10.24	0.22	(1.88)	(1.66)	(0.23)	(0.48)	(0.71)
Year ended 3-31-2019	11.93	0.18	(1.09)	(0.91)	(0.19)	(0.59)	(0.78)
Year ended 3-31-2018	10.63	0.18	1.43	1.61	(0.17)	(0.14)	(0.31)
Year ended 3-31-2017	9.50	0.16	1.10	1.26	(0.13)	—	(0.13)
<b>Class N Shares</b>							
Year ended 3-31-2021	7.88	0.12	4.74	4.86	(0.12)	—	(0.12)
Year ended 3-31-2020	10.25	0.23	(1.89)	(1.66)	(0.23)	(0.48)	(0.71)
Year ended 3-31-2019	11.94	0.19	(1.10)	(0.91)	(0.19)	(0.59)	(0.78)
Year ended 3-31-2018 <sup>(6)</sup>	11.17	0.17	0.90	1.07	(0.16)	(0.14)	(0.30)
<b>Class R Shares</b>							
Year ended 3-31-2021	7.75	0.02	4.78	4.80	(0.08)	—	(0.08)
Year ended 3-31-2020	10.14	0.18	(1.90)	(1.72)	(0.19)	(0.48)	(0.67)
Year ended 3-31-2019	11.83	0.13	(1.08)	(0.95)	(0.15)	(0.59)	(0.74)
Year ended 3-31-2018	10.55	0.13	1.42	1.55	(0.13)	(0.14)	(0.27)
Year ended 3-31-2017	9.44	0.09	1.11	1.20	(0.09)	—	(0.09)
<b>Class Y Shares</b>							
Year ended 3-31-2021	7.81	0.09	4.73	4.82	(0.10)	—	(0.10)
Year ended 3-31-2020	10.18	0.10	(1.78)	(1.68)	(0.21)	(0.48)	(0.69)
Year ended 3-31-2019	11.87	0.16	(1.09)	(0.93)	(0.17)	(0.59)	(0.76)
Year ended 3-31-2018	10.58	0.15	1.43	1.58	(0.15)	(0.14)	(0.29)
Year ended 3-31-2017	9.46	0.11	1.12	1.23	(0.11)	—	(0.11)

\* Not shown due to rounding.

(1) Based on average weekly shares outstanding.

(2) Based on net asset value, which does not reflect the sales charge or contingent deferred sales charge, if applicable. Total returns for periods less than one year are not annualized.

(3) Does not include expenses of underlying Ivy Funds in which the Fund invests.

(4) Ratios excluding expense waivers are included only for periods in which the class had waived or reimbursed expenses.

(5) These class shares are not available for direct investment. However, they are available for dividend reinvestment and exchange of the same class shares of another Ivy Fund.

(6) For the period from July 5, 2017 (commencement of operations of the class) through March 31, 2018.

(7) Annualized.

(8) Portfolio turnover is calculated at the fund level. Percentage indicated was calculated for the year ended March 31, 2018.

[Table of Contents](#)

	Net Asset Value, End of Period	Total Return <sup>(2)</sup>	Net Assets, End of Period (in millions)	Ratio of Expenses to Average Net Assets Including Expense Waiver <sup>(3)</sup>	Ratio of Net Investment Income (Loss) to Average Net Assets Including Expense Waiver <sup>(3)</sup>	Ratio of Expenses to Average Net Assets Excluding Expense Waiver <sup>(3)(4)</sup>	Ratio of Net Investment Income (Loss) to Average Net Assets Excluding Expense Waiver <sup>(3)(4)</sup>	Portfolio Turnover Rate
<b>Class A Shares</b>								
Year ended 3-31-2021	\$ 12.52	61.81%	\$ 64	0.46%	0.80%	0.50%	0.76%	17%
Year ended 3-31-2020	7.80	-18.31	45	0.48	1.82	0.51	1.79	10
Year ended 3-31-2019	10.18	-7.32	66	0.49	1.32	0.51	1.30	71
Year ended 3-31-2018	11.87	14.95	84	0.49	1.17	0.49	1.17	10
Year ended 3-31-2017	10.58	13.00	73	0.49	0.88	0.52	0.85	24
<b>Class B Shares<sup>(5)</sup></b>								
Year ended 3-31-2021	12.18	63.23	—*	1.25	-0.12	1.89	-0.76	17
Year ended 3-31-2020	7.49	-19.59	—*	1.38	0.65	1.70	0.33	10
Year ended 3-31-2019	9.89	-8.43	—*	1.40	0.34	1.59	0.15	71
Year ended 3-31-2018	11.61	14.28	1	1.40	0.24	1.47	0.17	10
Year ended 3-31-2017	10.35	12.39	1	1.40	0.12	1.47	0.05	24
<b>Class C Shares</b>								
Year ended 3-31-2021	12.22	62.89	1	1.25	0.01	1.36	-0.10	17
Year ended 3-31-2020	7.53	-19.36	1	1.29	0.98	1.36	0.91	10
Year ended 3-31-2019	9.92	-8.32	2	1.29	0.58	1.31	0.56	71
Year ended 3-31-2018	11.64	14.34	3	1.28	0.57	—	—	10
Year ended 3-31-2017	10.38	12.44	4	1.27	0.25	—	—	24
<b>Class I Shares</b>								
Year ended 3-31-2021	12.61	61.80	112	0.16	1.10	0.19	1.07	17
Year ended 3-31-2020	7.87	-17.91	90	0.16	2.19	0.19	2.16	10
Year ended 3-31-2019	10.24	-7.03	109	0.16	1.59	0.19	1.56	71
Year ended 3-31-2018	11.93	15.23	142	0.16	1.55	0.18	1.53	10
Year ended 3-31-2017	10.63	13.32	109	0.16	1.56	0.16	1.56	24
<b>Class N Shares</b>								
Year ended 3-31-2021	12.62	61.72	1	0.16	1.08	0.18	1.06	17
Year ended 3-31-2020	7.88	-17.90	—*	0.16	2.25	0.19	2.22	10
Year ended 3-31-2019	10.25	-7.03	—*	0.16	1.71	0.17	1.70	71
Year ended 3-31-2018 <sup>(6)</sup>	11.94	9.67	—*	0.15 <sup>(7)</sup>	1.89 <sup>(7)</sup>	—	—	10 <sup>(8)</sup>
<b>Class R Shares</b>								
Year ended 3-31-2021	12.47	62.03	—*	0.66	0.23	0.67	0.22	17
Year ended 3-31-2020	7.75	-18.59	1	0.67	1.77	0.67	1.77	10
Year ended 3-31-2019	10.14	-7.47	1	0.66	1.16	0.67	1.15	71
Year ended 3-31-2018	11.83	14.77	1	0.66	1.12	—	—	10
Year ended 3-31-2017	10.55	12.78	1	0.66	0.94	—	—	24
<b>Class Y Shares</b>								
Year ended 3-31-2021	12.53	61.81	—*	0.38	0.82	0.44	0.76	17
Year ended 3-31-2020	7.81	-18.15	—*	0.38	0.95	0.76	0.57	10
Year ended 3-31-2019	10.18	-7.24	1	0.38	1.44	0.43	1.39	71
Year ended 3-31-2018	11.87	15.03	1	0.38	1.30	0.40	1.28	10
Year ended 3-31-2017	10.58	13.10	1	0.38	1.15	0.42	1.11	24

See Accompanying Notes to Financial Statements.

[Table of Contents](#)

## FINANCIAL HIGHLIGHTS

## IVY FUNDS

FOR A SHARE OF CAPITAL STOCK OUTSTANDING THROUGHOUT EACH PERIOD

## IVY MID CAP GROWTH FUND

	Net Asset Value, Beginning of Period	Net Investment Loss <sup>(1)</sup>	Net Realized and Unrealized Gain (Loss) on Investments	Total from Investment Operations	Distributions From Net Investment Income	Distributions From Net Realized Gains	Total Distributions
<b>Class A Shares</b>							
Year ended 3-31-2021	\$ 22.28	\$ (0.23)	\$ 19.03	\$ 18.80	\$ —	\$ (3.66)	\$ (3.66)
Year ended 3-31-2020	25.28	(0.15)	(1.42)	(1.57)	—	(1.43)	(1.43)
Year ended 3-31-2019	23.99	(0.13)	3.56	3.43	—	(2.14)	(2.14)
Year ended 3-31-2018	20.81	(0.11)	5.11	5.00	—	(1.82)	(1.82)
Year ended 3-31-2017	18.96	(0.08)	2.71	2.63	—	(0.78)	(0.78)
<b>Class B Shares<sup>(4)</sup></b>							
Year ended 3-31-2021	16.81	(0.38)	14.24	13.86	—	(3.62)	(3.62)
Year ended 3-31-2020	19.46	(0.29)	(1.04)	(1.33)	—	(1.32)	(1.32)
Year ended 3-31-2019	19.11	(0.27)	2.76	2.49	—	(2.14)	(2.14)
Year ended 3-31-2018	17.02	(0.23)	4.14	3.91	—	(1.82)	(1.82)
Year ended 3-31-2017	15.76	(0.20)	2.24	2.04	—	(0.78)	(0.78)
<b>Class C Shares</b>							
Year ended 3-31-2021	18.26	(0.39)	15.51	15.12	—	(3.62)	(3.62)
Year ended 3-31-2020	21.02	(0.28)	(1.15)	(1.43)	—	(1.33)	(1.33)
Year ended 3-31-2019	20.44	(0.26)	2.98	2.72	—	(2.14)	(2.14)
Year ended 3-31-2018	18.09	(0.24)	4.41	4.17	—	(1.82)	(1.82)
Year ended 3-31-2017	16.69	(0.20)	2.38	2.18	—	(0.78)	(0.78)
<b>Class E Shares</b>							
Year ended 3-31-2021	21.64	(0.25)	18.47	18.22	—	(3.66)	(3.66)
Year ended 3-31-2020	24.59	(0.16)	(1.37)	(1.53)	—	(1.42)	(1.42)
Year ended 3-31-2019	23.41	(0.14)	3.46	3.32	—	(2.14)	(2.14)
Year ended 3-31-2018	20.34	(0.11)	5.00	4.89	—	(1.82)	(1.82)
Year ended 3-31-2017	18.54	(0.09)	2.67	2.58	—	(0.78)	(0.78)
<b>Class I Shares</b>							
Year ended 3-31-2021	24.41	(0.12)	20.89	20.77	—	(3.70)	(3.70)
Year ended 3-31-2020	27.52	(0.04)	(1.57)	(1.61)	—	(1.50)	(1.50)
Year ended 3-31-2019	25.83	(0.04)	3.87	3.83	—	(2.14)	(2.14)
Year ended 3-31-2018	22.23	(0.05)	5.47	5.42	—	(1.82)	(1.82)
Year ended 3-31-2017	20.15	(0.03)	2.89	2.86	—	(0.78)	(0.78)
<b>Class N Shares</b>							
Year ended 3-31-2021	24.63	(0.13)	21.09	20.96	—	(3.70)	(3.70)
Year ended 3-31-2020	27.76	(0.04)	(1.59)	(1.63)	—	(1.50)	(1.50)
Year ended 3-31-2019	26.02	(0.03)	3.91	3.88	—	(2.14)	(2.14)
Year ended 3-31-2018	22.35	(0.01)	5.50	5.49	—	(1.82)	(1.82)
Year ended 3-31-2017	20.22	0.00*	2.91	2.91	—	(0.78)	(0.78)
<b>Class R Shares</b>							
Year ended 3-31-2021	21.54	(0.35)	18.37	18.02	—	(3.64)	(3.64)
Year ended 3-31-2020	24.51	(0.23)	(1.37)	(1.60)	—	(1.37)	(1.37)
Year ended 3-31-2019	23.40	(0.21)	3.46	3.25	—	(2.14)	(2.14)
Year ended 3-31-2018	20.40	(0.18)	5.00	4.82	—	(1.82)	(1.82)
Year ended 3-31-2017	18.65	(0.14)	2.67	2.53	—	(0.78)	(0.78)
<b>Class Y Shares</b>							
Year ended 3-31-2021	23.45	(0.24)	20.02	19.78	—	(3.66)	(3.66)
Year ended 3-31-2020	26.53	(0.15)	(1.50)	(1.65)	—	(1.43)	(1.43)
Year ended 3-31-2019	25.06	(0.13)	3.74	3.61	—	(2.14)	(2.14)
Year ended 3-31-2018	21.66	(0.10)	5.32	5.22	—	(1.82)	(1.82)
Year ended 3-31-2017	19.69	(0.08)	2.83	2.75	—	(0.78)	(0.78)

\* Not shown due to rounding.

(1) Based on average weekly shares outstanding.

(2) Based on net asset value, which does not reflect the sales charge or contingent deferred sales charge, if applicable. Total returns for periods less than one year are not annualized.

(3) Ratios excluding expense waivers are included only for periods in which the class had waived or reimbursed expenses.

(4) These class shares are not available for direct investment. However, they are available for dividend reinvestment and exchange of the same class shares of another Ivy Fund.

(5) Expense ratio based on the period excluding reorganization expenses was 1.30%.

[Table of Contents](#)

	Net Asset Value, End of Period	Total Return(2)	Net Assets, End of Period (in millions)	Ratio of Expenses to Average Net Assets Including Expense Waiver	Ratio of Net Investment Loss to Average Net Assets Including Expense Waiver	Ratio of Expenses to Average Net Assets Excluding Expense Waiver(3)	Ratio of Net Investment Loss to Average Net Assets Excluding Expense Waiver(3)	Portfolio Turnover Rate
<b>Class A Shares</b>								
Year ended 3-31-2021	\$ 37.42	85.37%	\$ 2,453	1.16%	-0.68%	1.17%	-0.69%	33%
Year ended 3-31-2020	22.28	-7.20	1,391	1.20	-0.55	1.23	-0.58	22
Year ended 3-31-2019	25.28	15.72	1,668	1.23	-0.53	1.25	-0.55	38
Year ended 3-31-2018	23.99	24.56	1,600	1.31(5)	-0.48	1.31	-0.48	26
Year ended 3-31-2017	20.81	13.99	428	1.31	-0.39	1.35	-0.43	14
<b>Class B Shares(4)</b>								
Year ended 3-31-2021	27.05	83.67	4	2.07	-1.57	2.17	-1.67	33
Year ended 3-31-2020	16.81	-7.98	6	2.09	-1.45	2.13	-1.49	22
Year ended 3-31-2019	19.46	14.66	16	2.08	-1.38	2.10	-1.40	38
Year ended 3-31-2018	19.11	23.66	20	2.09	-1.26	—	—	26
Year ended 3-31-2017	17.02	13.07	17	2.10	-1.24	—	—	14
<b>Class C Shares</b>								
Year ended 3-31-2021	29.76	83.95	170	1.92	-1.43	1.94	-1.45	33
Year ended 3-31-2020	18.26	-7.88	143	1.95	-1.30	1.98	-1.33	22
Year ended 3-31-2019	21.02	14.90	207	1.94	-1.25	1.96	-1.27	38
Year ended 3-31-2018	20.44	23.64	203	2.02	-1.20	—	—	26
Year ended 3-31-2017	18.09	13.19	213	2.04	-1.16	—	—	14
<b>Class E Shares</b>								
Year ended 3-31-2021	36.20	85.20	19	1.24	-0.76	1.32	-0.84	33
Year ended 3-31-2020	21.64	-7.21	11	1.28	-0.63	1.44	-0.79	22
Year ended 3-31-2019	24.59	15.59	12	1.28	-0.59	1.47	-0.78	38
Year ended 3-31-2018	23.41	24.59	11	1.30	-0.48	1.57	-0.75	26
Year ended 3-31-2017	20.34	14.04	9	1.30	-0.47	1.65	-0.82	14
<b>Class I Shares</b>								
Year ended 3-31-2021	41.48	86.00	3,609	0.79	-0.31	0.97	-0.49	33
Year ended 3-31-2020	24.41	-6.75	1,898	0.79	-0.15	1.00	-0.36	22
Year ended 3-31-2019	27.52	16.12	2,250	0.85	-0.16	1.00	-0.31	38
Year ended 3-31-2018	25.83	24.89	1,869	1.03	-0.20	—	—	26
Year ended 3-31-2017	22.23	14.31	1,112	1.04	-0.15	—	—	14
<b>Class N Shares</b>								
Year ended 3-31-2021	41.89	86.00	736	0.79	-0.33	0.82	-0.36	33
Year ended 3-31-2020	24.63	-6.77	256	0.79	-0.15	0.85	-0.21	22
Year ended 3-31-2019	27.76	16.19	282	0.80	-0.11	0.85	-0.16	38
Year ended 3-31-2018	26.02	25.07	135	0.88	-0.05	—	—	26
Year ended 3-31-2017	22.35	14.51	65	0.87	-0.02	—	—	14
<b>Class R Shares</b>								
Year ended 3-31-2021	35.92	84.62	88	1.55	-1.07	1.56	-1.08	33
Year ended 3-31-2020	21.54	-7.47	46	1.55	-0.90	1.58	-0.93	22
Year ended 3-31-2019	24.51	15.29	63	1.55	-0.86	1.57	-0.88	38
Year ended 3-31-2018	23.40	24.17	50	1.63	-0.80	—	—	26
Year ended 3-31-2017	20.40	13.68	55	1.62	-0.75	—	—	14
<b>Class Y Shares</b>								
Year ended 3-31-2021	39.57	85.29	363	1.16	-0.68	1.21	-0.73	33
Year ended 3-31-2020	23.45	-7.14	215	1.20	-0.55	1.24	-0.59	22
Year ended 3-31-2019	26.53	15.72	295	1.21	-0.51	1.23	-0.53	38
Year ended 3-31-2018	25.06	24.61	259	1.27	-0.44	—	—	26
Year ended 3-31-2017	21.66	14.08	321	1.26	-0.38	—	—	14

See Accompanying Notes to Financial Statements.

[Table of Contents](#)**FINANCIAL HIGHLIGHTS****IVY FUNDS**

FOR A SHARE OF CAPITAL STOCK OUTSTANDING THROUGHOUT EACH PERIOD

**IVY MID CAP INCOME OPPORTUNITIES FUND**

	Net Asset Value, Beginning of Period	Net Investment Income <sup>(1)</sup>	Net Realized and Unrealized Gain (Loss) on Investments	Total from Investment Operations	Distributions From Net Investment Income	Distributions From Net Realized Gains	Total Distributions
<b>Class A Shares</b>							
Year ended 3-31-2021	\$ 10.98	\$ 0.21	\$ 7.40	\$ 7.61	\$ (0.21)	\$ —	\$ (0.21)
Year ended 3-31-2020	13.98	0.25	(2.96)	(2.71)	(0.24)	(0.05)	(0.29)
Year ended 3-31-2019	13.76	0.21	0.51	0.72	(0.20)	(0.30)	(0.50)
Year ended 3-31-2018	12.68	0.18	1.08	1.26	(0.18)	—	(0.18)
Year ended 3-31-2017	10.93	0.15	1.71	1.86	(0.11)	—	(0.11)
<b>Class C Shares</b>							
Year ended 3-31-2021	10.93	0.10	7.37	7.47	(0.10)	—	(0.10)
Year ended 3-31-2020	13.92	0.14	(2.95)	(2.81)	(0.13)	(0.05)	(0.18)
Year ended 3-31-2019	13.70	0.11	0.51	0.62	(0.10)	(0.30)	(0.40)
Year ended 3-31-2018	12.62	0.08	1.08	1.16	(0.08)	—	(0.08)
Year ended 3-31-2017	10.91	0.07	1.70	1.77	(0.06)	—	(0.06)
<b>Class I Shares</b>							
Year ended 3-31-2021	10.99	0.27	7.43	7.70	(0.27)	—	(0.27)
Year ended 3-31-2020	14.00	0.31	(2.97)	(2.66)	(0.30)	(0.05)	(0.35)
Year ended 3-31-2019	13.78	0.25	0.51	0.76	(0.24)	(0.30)	(0.54)
Year ended 3-31-2018	12.70	0.21	1.09	1.30	(0.22)	—	(0.22)
Year ended 3-31-2017	10.94	0.19	1.72	1.91	(0.15)	—	(0.15)
<b>Class N Shares</b>							
Year ended 3-31-2021	10.99	0.27	7.43	7.70	(0.27)	—	(0.27)
Year ended 3-31-2020	14.01	0.32	(2.98)	(2.66)	(0.31)	(0.05)	(0.36)
Year ended 3-31-2019	13.78	0.27	0.52	0.79	(0.26)	(0.30)	(0.56)
Year ended 3-31-2018	12.70	0.23	1.09	1.32	(0.24)	—	(0.24)
Year ended 3-31-2017	10.94	0.20	1.71	1.91	(0.15)	—	(0.15)
<b>Class R Shares</b>							
Year ended 3-31-2021	10.96	0.16	7.39	7.55	(0.16)	—	(0.16)
Year ended 3-31-2020	13.96	0.20	(2.96)	(2.76)	(0.19)	(0.05)	(0.24)
Year ended 3-31-2019	13.74	0.17	0.51	0.68	(0.16)	(0.30)	(0.46)
Year ended 3-31-2018	12.65	0.13	1.09	1.22	(0.13)	—	(0.13)
Year ended 3-31-2017	10.92	0.12	1.69	1.81	(0.08)	—	(0.08)
<b>Class Y Shares</b>							
Year ended 3-31-2021	10.98	0.21	7.41	7.62	(0.21)	—	(0.21)
Year ended 3-31-2020	13.98	0.25	(2.96)	(2.71)	(0.24)	(0.05)	(0.29)
Year ended 3-31-2019	13.76	0.22	0.50	0.72	(0.20)	(0.30)	(0.50)
Year ended 3-31-2018	12.68	0.18	1.08	1.26	(0.18)	—	(0.18)
Year ended 3-31-2017	10.93	0.15	1.71	1.86	(0.11)	—	(0.11)

(1) Based on average weekly shares outstanding.

(2) Based on net asset value, which does not reflect the sales charge or contingent deferred sales charge, if applicable. Total returns for periods less than one year are not annualized.

(3) Ratios excluding expense waivers are included only for periods in which the class had waived or reimbursed expenses.

[Table of Contents](#)

	Net Asset Value, End of Period	Total Return(2)	Net Assets, End of Period (in millions)	Ratio of Expenses to Average Net Assets Including Expense Waiver	Ratio of Net Investment Income to Average Net Assets Including Expense Waiver	Ratio of Expenses to Average Net Assets Excluding Expense Waiver(3)	Ratio of Net Investment Income to Average Net Assets Excluding Expense Waiver(3)	Portfolio Turnover Rate
<b>Class A Shares</b>								
Year ended 3-31-2021	\$ 18.38	69.70%	\$ 178	1.24%	1.42%	1.31%	1.35%	23%
Year ended 3-31-2020	10.98	-19.84	111	1.27	1.70	1.34	1.63	25
Year ended 3-31-2019	13.98	5.37	135	1.35	1.51	1.37	1.49	17
Year ended 3-31-2018	13.76	9.98	103	1.35	1.34	1.40	1.29	42
Year ended 3-31-2017	12.68	17.10	119	1.35	1.27	1.45	1.17	28
<b>Class C Shares</b>								
Year ended 3-31-2021	18.30	68.61	24	2.00	0.66	2.07	0.59	23
Year ended 3-31-2020	10.93	-20.50	15	2.02	0.95	2.09	0.88	25
Year ended 3-31-2019	13.92	4.58	17	2.07	0.79	2.12	0.74	17
Year ended 3-31-2018	13.70	9.30	11	2.07	0.63	2.17	0.53	42
Year ended 3-31-2017	12.62	16.19	15	2.07	0.51	2.13	0.45	28
<b>Class I Shares</b>								
Year ended 3-31-2021	18.42	70.58	1,224	0.83	1.78	1.06	1.55	23
Year ended 3-31-2020	10.99	-19.53	401	0.83	2.13	1.08	1.88	25
Year ended 3-31-2019	14.00	5.67	431	1.05	1.81	1.09	1.77	17
Year ended 3-31-2018	13.78	10.30	166	1.05	1.62	1.12	1.55	42
Year ended 3-31-2017	12.70	17.49	174	1.04	1.49	1.11	1.42	28
<b>Class N Shares</b>								
Year ended 3-31-2021	18.42	70.58	103	0.83	1.80	0.92	1.71	23
Year ended 3-31-2020	10.99	-19.57	65	0.83	2.15	0.93	2.05	25
Year ended 3-31-2019	14.01	5.85	60	0.94	1.92	—	—	17
Year ended 3-31-2018	13.78	10.43	48	0.95	1.70	—	—	42
Year ended 3-31-2017	12.70	17.54	5	0.98	1.65	—	—	28
<b>Class R Shares</b>								
Year ended 3-31-2021	18.35	69.22	1	1.58	1.16	1.64	1.10	23
Year ended 3-31-2020	10.96	-20.15	3	1.59	1.38	1.66	1.31	25
Year ended 3-31-2019	13.96	5.05	3	1.67	1.19	—	—	17
Year ended 3-31-2018	13.74	9.66	3	1.68	1.00	—	—	42
Year ended 3-31-2017	12.65	16.58	3	1.73	0.97	—	—	28
<b>Class Y Shares</b>								
Year ended 3-31-2021	18.39	69.84	38	1.24	1.40	1.31	1.33	23
Year ended 3-31-2020	10.98	-19.89	13	1.26	1.71	1.33	1.64	25
Year ended 3-31-2019	13.98	5.45	14	1.33	1.54	—	—	17
Year ended 3-31-2018	13.76	9.99	6	1.35	1.33	1.36	1.32	42
Year ended 3-31-2017	12.68	17.10	8	1.35	1.28	1.37	1.26	28

See Accompanying Notes to Financial Statements.

[Table of Contents](#)**FINANCIAL HIGHLIGHTS****IVY FUNDS**

FOR A SHARE OF CAPITAL STOCK OUTSTANDING THROUGHOUT EACH PERIOD

**IVY MUNICIPAL BOND FUND**

	Net Asset Value, Beginning of Period	Net Investment Income(1)	Net Realized and Unrealized Gain (Loss) on Investments	Total from Investment Operations	Distributions From Net Investment Income	Distributions From Net Realized Gains	Total Distributions
<b>Class A Shares</b>							
Year ended 3-31-2021	\$ 11.68	\$ 0.26	\$ 0.21	\$ 0.47	\$ (0.26)	\$ —	\$ (0.26)
Year ended 3-31-2020	11.70	0.34	(0.03)	0.31	(0.33)	—	(0.33)
Year ended 3-31-2019	11.72	0.40	(0.03)	0.37	(0.39)	—	(0.39)
Year ended 3-31-2018	11.82	0.42	(0.15)	0.27	(0.37)	—	(0.37)
Year ended 3-31-2017	12.13	0.28	(0.31)	(0.03)	(0.28)	—	(0.28)
<b>Class B Shares(4)</b>							
Year ended 3-31-2021	11.68	0.16	0.20	0.36	(0.15)	—	(0.15)
Year ended 3-31-2020	11.70	0.24	(0.03)	0.21	(0.23)	—	(0.23)
Year ended 3-31-2019	11.72	0.31	(0.02)	0.29	(0.31)	—	(0.31)
Year ended 3-31-2018	11.82	0.29	(0.13)	0.16	(0.26)	—	(0.26)
Year ended 3-31-2017	12.13	0.19	(0.31)	(0.12)	(0.19)	—	(0.19)
<b>Class C Shares</b>							
Year ended 3-31-2021	11.68	0.16	0.21	0.37	(0.16)	—	(0.16)
Year ended 3-31-2020	11.70	0.24	(0.03)	0.21	(0.23)	—	(0.23)
Year ended 3-31-2019	11.72	0.30	(0.01)	0.29	(0.31)	—	(0.31)
Year ended 3-31-2018	11.82	0.29	(0.13)	0.16	(0.26)	—	(0.26)
Year ended 3-31-2017	12.13	0.19	(0.31)	(0.12)	(0.19)	—	(0.19)
<b>Class I Shares</b>							
Year ended 3-31-2021	11.68	0.28	0.21	0.49	(0.28)	—	(0.28)
Year ended 3-31-2020	11.70	0.36	(0.03)	0.33	(0.35)	—	(0.35)
Year ended 3-31-2019	11.72	0.42	(0.02)	0.40	(0.42)	—	(0.42)
Year ended 3-31-2018	11.82	0.43	(0.15)	0.28	(0.38)	—	(0.38)
Year ended 3-31-2017	12.13	0.31	(0.32)	(0.01)	(0.30)	—	(0.30)
<b>Class N Shares</b>							
Year ended 3-31-2021	11.68	0.29	0.21	0.50	(0.29)	—	(0.29)
Year ended 3-31-2020	11.70	0.36	(0.02)	0.34	(0.36)	—	(0.36)
Year ended 3-31-2019	11.72	0.43	(0.02)	0.41	(0.43)	—	(0.43)
Year ended 3-31-2018(5)	11.90	0.33	(0.21)	0.12	(0.30)	—	(0.30)
<b>Class Y Shares</b>							
Year ended 3-31-2021	11.68	0.26	0.21	0.47	(0.26)	—	(0.26)
Year ended 3-31-2020	11.70	0.34	(0.03)	0.31	(0.33)	—	(0.33)
Year ended 3-31-2019	11.72	0.40	(0.02)	0.38	(0.40)	—	(0.40)
Year ended 3-31-2018	11.82	0.38	(0.12)	0.26	(0.36)	—	(0.36)
Year ended 3-31-2017	12.13	0.28	(0.31)	(0.03)	(0.28)	—	(0.28)

\* Not shown due to rounding.

(1) Based on average weekly shares outstanding.

(2) Based on net asset value, which does not reflect the sales charge or contingent deferred sales charge, if applicable. Total returns for periods less than one year are not annualized.

(3) Ratios excluding expense waivers are included only for periods in which the class had waived or reimbursed expenses.

(4) These class shares are not available for direct investment. However, they are available for dividend reinvestment and exchange of the same class shares of another Ivy Fund.

(5) For the period from July 5, 2017 (commencement of operations of the class) through March 31, 2018.

(6) Annualized.

(7) Portfolio turnover is calculated at the fund level. Percentage indicated was calculated for the year ended March 31, 2018.

(8) Expense ratio based on the period excluding reorganization expenses was 0.86%.

(9) Expense ratio based on the period excluding reorganization expenses was 0.74%.

[Table of Contents](#)

	Net Asset Value, End of Period	Total Return(2)	Net Assets, End of Period (in millions)	Ratio of Expenses to Average Net Assets Including Expense Waiver	Ratio of Net Investment Income to Average Net Assets Including Expense Waiver	Ratio of Expenses to Average Net Assets Excluding Expense Waiver(3)	Ratio of Net Investment Income to Average Net Assets Excluding Expense Waiver(3)	Portfolio Turnover Rate
<b>Class A Shares</b>								
Year ended 3-31-2021	\$ 11.89	4.07%	\$ 445	0.83%	2.21%	0.90%	2.14%	22%
Year ended 3-31-2020	11.68	2.68	453	0.84	2.87	0.91	2.80	18
Year ended 3-31-2019	11.70	3.28	476	0.84	3.38	0.90	3.32	7
Year ended 3-31-2018	11.72	2.28	523	0.87 <sup>(8)</sup>	3.52	0.92	3.47	—
Year ended 3-31-2017	11.82	-0.26	68	0.98	2.28	—	—	14
<b>Class B Shares(4)</b>								
Year ended 3-31-2021	11.89	3.08	—*	1.79	1.34	—	—	22
Year ended 3-31-2020	11.68	1.77	1	1.74	2.01	—	—	18
Year ended 3-31-2019	11.70	2.56	1	1.64	2.60	—	—	7
Year ended 3-31-2018	11.72	1.38	2	1.74	2.44	—	—	—
Year ended 3-31-2017	11.82	-1.02	2	1.74	1.56	—	—	14
<b>Class C Shares</b>								
Year ended 3-31-2021	11.89	3.14	8	1.73	1.36	—	—	22
Year ended 3-31-2020	11.68	1.80	16	1.72	2.00	—	—	18
Year ended 3-31-2019	11.70	2.50	19	1.70	2.53	—	—	7
Year ended 3-31-2018	11.72	1.39	24	1.74	2.46	—	—	—
Year ended 3-31-2017	11.82	-1.01	25	1.73	1.57	—	—	14
<b>Class I Shares</b>								
Year ended 3-31-2021	11.89	4.21	302	0.70	2.33	0.74	2.29	22
Year ended 3-31-2020	11.68	2.83	293	0.70	3.01	0.74	2.97	18
Year ended 3-31-2019	11.70	3.53	315	0.70	3.52	0.73	3.49	7
Year ended 3-31-2018	11.72	2.36	326	0.75 <sup>(9)</sup>	3.58	0.75	3.58	—
Year ended 3-31-2017	11.82	-0.08	96	0.79	2.56	—	—	14
<b>Class N Shares</b>								
Year ended 3-31-2021	11.89	4.32	1	0.60	2.43	—	—	22
Year ended 3-31-2020	11.68	2.94	1	0.60	3.09	—	—	18
Year ended 3-31-2019	11.70	3.62	1	0.59	3.62	—	—	7
Year ended 3-31-2018 <sup>(5)</sup>	11.72	1.09	1	0.60 <sup>(6)</sup>	3.74 <sup>(6)</sup>	—	—	— <sup>(7)</sup>
<b>Class Y Shares</b>								
Year ended 3-31-2021	11.89	4.07	1	0.83	2.21	0.98	2.06	22
Year ended 3-31-2020	11.68	2.68	—*	0.84	2.88	0.99	2.73	18
Year ended 3-31-2019	11.70	3.35	1	0.84	3.37	0.97	3.24	7
Year ended 3-31-2018	11.72	2.23	1	0.90 <sup>(8)</sup>	3.22	1.02	3.10	—
Year ended 3-31-2017	11.82	-0.26	1	0.98	2.33	1.03	2.28	14

See Accompanying Notes to Financial Statements.

[Table of Contents](#)

## FINANCIAL HIGHLIGHTS

## IVY FUNDS

FOR A SHARE OF CAPITAL STOCK OUTSTANDING THROUGHOUT EACH PERIOD

## IVY MUNICIPAL HIGH INCOME FUND

	Net Asset Value, Beginning of Period	Net Investment Income(1)	Net Realized and Unrealized Gain (Loss) on Investments	Total from Investment Operations	Distributions From Net Investment Income	Distributions From Net Realized Gains	Total Distributions
<b>Class A Shares</b>							
Year ended 3-31-2021	\$ 4.87	\$ 0.17	\$ 0.17	\$ 0.34	\$ (0.17)	\$ —	\$ (0.17)
Year ended 3-31-2020	5.02	0.19	(0.15)	0.04	(0.19)	—	(0.19)
Year ended 3-31-2019	5.05	0.22	(0.03)	0.19	(0.22)	—	(0.22)
Year ended 3-31-2018	5.09	0.16	0.00*	0.16	(0.20)	—*	(0.20)
Year ended 3-31-2017	5.28	0.23	(0.19)	0.04	(0.23)	—	(0.23)
<b>Class B Shares(4)</b>							
Year ended 3-31-2021	4.87	0.14	0.17	0.31	(0.14)	—	(0.14)
Year ended 3-31-2020	5.02	0.15	(0.15)	0.00*	(0.15)	—	(0.15)
Year ended 3-31-2019	5.05	0.18	(0.03)	0.15	(0.18)	—	(0.18)
Year ended 3-31-2018	5.09	0.18	(0.05)	0.13	(0.17)	—*	(0.17)
Year ended 3-31-2017	5.28	0.19	(0.19)	0.00*	(0.19)	—	(0.19)
<b>Class C Shares</b>							
Year ended 3-31-2021	4.87	0.14	0.17	0.31	(0.14)	—	(0.14)
Year ended 3-31-2020	5.02	0.15	(0.15)	0.00*	(0.15)	—	(0.15)
Year ended 3-31-2019	5.05	0.18	(0.03)	0.15	(0.18)	—	(0.18)
Year ended 3-31-2018	5.09	0.19	(0.06)	0.13	(0.17)	—*	(0.17)
Year ended 3-31-2017	5.28	0.19	(0.19)	0.00*	(0.19)	—	(0.19)
<b>Class I Shares</b>							
Year ended 3-31-2021	4.87	0.19	0.17	0.36	(0.19)	—	(0.19)
Year ended 3-31-2020	5.02	0.20	(0.15)	0.05	(0.20)	—	(0.20)
Year ended 3-31-2019	5.05	0.23	(0.03)	0.20	(0.23)	—	(0.23)
Year ended 3-31-2018	5.09	0.23	(0.06)	0.17	(0.21)	—*	(0.21)
Year ended 3-31-2017	5.28	0.24	(0.19)	0.05	(0.24)	—	(0.24)
<b>Class N Shares</b>							
Year ended 3-31-2021	4.87	0.19	0.17	0.36	(0.19)	—	(0.19)
Year ended 3-31-2020	5.02	0.20	(0.14)	0.06	(0.21)	—	(0.21)
Year ended 3-31-2019	5.05	0.23	(0.03)	0.20	(0.23)	—	(0.23)
Year ended 3-31-2018(5)	5.11	0.17	(0.07)	0.10	(0.16)	—*	(0.16)
<b>Class Y Shares</b>							
Year ended 3-31-2021	4.87	0.17	0.17	0.34	(0.17)	—	(0.17)
Year ended 3-31-2020	5.02	0.19	(0.15)	0.04	(0.19)	—	(0.19)
Year ended 3-31-2019	5.05	0.22	(0.03)	0.19	(0.22)	—	(0.22)
Year ended 3-31-2018	5.09	0.23	(0.07)	0.16	(0.20)	—*	(0.20)
Year ended 3-31-2017	5.28	0.23	(0.19)	0.04	(0.23)	—	(0.23)

\* Not shown due to rounding.

(1) Based on average weekly shares outstanding.

(2) Based on net asset value, which does not reflect the sales charge or contingent deferred sales charge, if applicable. Total returns for periods less than one year are not annualized.

(3) Ratios excluding expense waivers are included only for periods in which the class had waived or reimbursed expenses.

(4) These class shares are not available for direct investment. However, they are available for dividend reinvestment and exchange of the same class shares of another Ivy Fund.

(5) For the period from July 5, 2017 (commencement of operations of the class) through March 31, 2018.

(6) Annualized.

(7) Portfolio turnover is calculated at the fund level. Percentage indicated was calculated for the year ended March 31, 2018.

(8) Expense ratio based on the period excluding reorganization expenses was 0.67%.

[Table of Contents](#)

	Net Asset Value, End of Period	Total Return(2)	Net Assets, End of Period (in millions)	Ratio of Expenses to Average Net Assets Including Expense Waiver	Ratio of Net Investment Income to Average Net Assets Including Expense Waiver	Ratio of Expenses to Average Net Assets Excluding Expense Waiver(3)	Ratio of Net Investment Income to Average Net Assets Excluding Expense Waiver(3)	Portfolio Turnover Rate
<b>Class A Shares</b>								
Year ended 3-31-2021	\$ 5.04	7.13%	\$ 637	0.89%	3.47%	—%	—%	7%
Year ended 3-31-2020	4.87	0.72	610	0.88	3.76	—	—	18
Year ended 3-31-2019	5.02	3.76	665	0.87	4.32	—	—	10
Year ended 3-31-2018	5.05	3.35	732	0.88	3.17	—	—	3
Year ended 3-31-2017	5.09	0.65	235	0.87	4.27	—	—	8
<b>Class B Shares(4)</b>								
Year ended 3-31-2021	5.04	6.33	—*	1.62	2.85	1.76	2.71	7
Year ended 3-31-2020	4.87	-0.04	3	1.62	3.03	1.72	2.93	18
Year ended 3-31-2019	5.02	3.06	6	1.58	3.64	1.58	3.64	10
Year ended 3-31-2018	5.05	2.57	9	1.62	3.63	1.72	3.53	3
Year ended 3-31-2017	5.09	-0.11	11	1.62	3.52	1.63	3.51	8
<b>Class C Shares</b>								
Year ended 3-31-2021	5.04	6.39	30	1.58	2.85	1.68	2.75	7
Year ended 3-31-2020	4.87	0.01	79	1.58	3.06	1.65	2.99	18
Year ended 3-31-2019	5.02	3.06	106	1.58	3.63	1.63	3.58	10
Year ended 3-31-2018	5.05	2.61	143	1.58	3.67	1.64	3.61	3
Year ended 3-31-2017	5.09	-0.07	182	1.58	3.56	1.60	3.54	8
<b>Class I Shares</b>								
Year ended 3-31-2021	5.04	7.42	313	0.61	3.76	0.74	3.63	7
Year ended 3-31-2020	4.87	0.99	355	0.61	4.02	0.72	3.91	18
Year ended 3-31-2019	5.02	4.04	413	0.64	4.57	0.71	4.50	10
Year ended 3-31-2018	5.05	3.56	520	0.68 <sup>(6)</sup>	4.49	0.72	4.45	3
Year ended 3-31-2017	5.09	0.84	617	0.68	4.46	0.69	4.45	8
<b>Class N Shares</b>								
Year ended 3-31-2021	5.04	7.43	1	0.60	3.77	—	—	7
Year ended 3-31-2020	4.87	1.03	1	0.58	4.03	—	—	18
Year ended 3-31-2019	5.02	4.13	1	0.57	4.56	—	—	10
Year ended 3-31-2018 <sup>(5)</sup>	5.05	2.07	—*	0.58 <sup>(6)</sup>	4.55 <sup>(6)</sup>	—	—	3 <sup>(7)</sup>
<b>Class Y Shares</b>								
Year ended 3-31-2021	5.04	7.12	4	0.89	3.49	0.99	3.39	7
Year ended 3-31-2020	4.87	0.72	6	0.88	3.75	0.98	3.65	18
Year ended 3-31-2019	5.02	3.79	7	0.87	4.36	0.96	4.27	10
Year ended 3-31-2018	5.05	3.35	10	0.88	4.44	0.98	4.34	3
Year ended 3-31-2017	5.09	0.65	15	0.86	4.28	0.95	4.19	8

See Accompanying Notes to Financial Statements.

[Table of Contents](#)

## FINANCIAL HIGHLIGHTS

## IVY FUNDS

FOR A SHARE OF CAPITAL STOCK OUTSTANDING THROUGHOUT EACH PERIOD

## IVY PZENA INTERNATIONAL VALUE FUND

	Net Asset Value, Beginning of Period	Net Investment Income (Loss) <sup>(1)</sup>	Net Realized and Unrealized Gain (Loss) on Investments	Total from Investment Operations	Distributions From Net Investment Income	Distributions From Net Realized Gains	Total Distributions
<b>Class A Shares</b>							
Year ended 3-31-2021	\$ 11.08	\$ 0.16	\$ 7.48	\$ 7.64	\$ (0.18)	\$ —	\$ (0.18)
Year ended 3-31-2020	14.93	0.32	(3.81)	(3.49)	(0.36)	—	(0.36)
Year ended 3-31-2019	18.08	0.16	(1.33)	(1.17)	(0.07)	(1.91)	(1.98)
Year ended 3-31-2018	17.15	0.08	1.00	1.08	(0.15)	—	(0.15)
Year ended 3-31-2017	14.33	0.14	2.74	2.88	(0.06)	—	(0.06)
<b>Class B Shares<sup>(4)</sup></b>							
Year ended 3-31-2021	9.71	(0.19)	6.51	6.32	—	—	—
Year ended 3-31-2020	13.16	0.06	(3.39)	(3.33)	(0.12)	—	(0.12)
Year ended 3-31-2019	16.34	(0.11)	(1.20)	(1.31)	—	(1.87)	(1.87)
Year ended 3-31-2018	15.58	(0.14)	0.90	0.76	—	—	—
Year ended 3-31-2017	13.15	(0.07)	2.50	2.43	—	—	—
<b>Class C Shares</b>							
Year ended 3-31-2021	10.28	0.02	6.95	6.97	(0.09)	—	(0.09)
Year ended 3-31-2020	13.89	0.22	(3.55)	(3.33)	(0.28)	—	(0.28)
Year ended 3-31-2019	16.99	0.06	(1.25)	(1.19)	—	(1.91)	(1.91)
Year ended 3-31-2018	16.12	(0.03)	0.94	0.91	(0.04)	—	(0.04)
Year ended 3-31-2017	13.50	0.03	2.59	2.62	—	—	—
<b>Class I Shares</b>							
Year ended 3-31-2021	11.37	0.22	7.70	7.92	(0.24)	—	(0.24)
Year ended 3-31-2020	15.30	0.39	(3.89)	(3.50)	(0.43)	—	(0.43)
Year ended 3-31-2019	18.48	0.24	(1.37)	(1.13)	(0.14)	(1.91)	(2.05)
Year ended 3-31-2018	17.53	0.17	1.01	1.18	(0.23)	—	(0.23)
Year ended 3-31-2017	14.64	0.16	2.87	3.03	(0.14)	—	(0.14)
<b>Class N Shares</b>							
Year ended 3-31-2021	11.40	0.24	7.74	7.98	(0.27)	—	(0.27)
Year ended 3-31-2020	15.34	0.43	(3.91)	(3.48)	(0.46)	—	(0.46)
Year ended 3-31-2019	18.53	0.28	(1.39)	(1.11)	(0.17)	(1.91)	(2.08)
Year ended 3-31-2018	17.57	0.21	1.01	1.22	(0.26)	—	(0.26)
Year ended 3-31-2017	14.68	0.22	2.83	3.05	(0.16)	—	(0.16)
<b>Class R Shares</b>							
Year ended 3-31-2021	11.06	0.14	7.47	7.61	(0.17)	—	(0.17)
Year ended 3-31-2020	14.90	0.30	(3.79)	(3.49)	(0.35)	—	(0.35)
Year ended 3-31-2019	18.05	0.14	(1.33)	(1.19)	(0.05)	(1.91)	(1.96)
Year ended 3-31-2018	17.13	0.06	0.99	1.05	(0.13)	—	(0.13)
Year ended 3-31-2017	14.32	0.10	2.76	2.86	(0.05)	—	(0.05)
<b>Class Y Shares</b>							
Year ended 3-31-2021	11.26	0.20	7.60	7.80	(0.21)	—	(0.21)
Year ended 3-31-2020	15.16	0.38	(3.89)	(3.51)	(0.39)	—	(0.39)
Year ended 3-31-2019	18.33	0.20	(1.36)	(1.16)	(0.10)	(1.91)	(2.01)
Year ended 3-31-2018	17.39	0.12	1.01	1.13	(0.19)	—	(0.19)
Year ended 3-31-2017	14.53	0.16	2.80	2.96	(0.10)	—	(0.10)

\* Not shown due to rounding.

(1) Based on average weekly shares outstanding.

(2) Based on net asset value, which does not reflect the sales charge or contingent deferred sales charge, if applicable. Total returns for periods less than one year are not annualized.

(3) Ratios excluding expense waivers are included only for periods in which the class had waived or reimbursed expenses.

(4) These class shares are not available for direct investment. However, they are available for dividend reinvestment and exchange of the same class shares of another Ivy Fund.

[Table of Contents](#)

	Net Asset Value, End of Period	Total Return <sup>(2)</sup>	Net Assets, End of Period (in millions)	Ratio of Expenses to Average Net Assets Including Expense Waiver	Ratio of Net Investment Income (Loss) to Average Net Assets Including Expense Waiver	Ratio of Expenses to Average Net Assets Excluding Expense Waiver <sup>(3)</sup>	Ratio of Net Investment Income (Loss) to Average Net Assets Excluding Expense Waiver <sup>(3)</sup>	Portfolio Turnover Rate
<b>Class A Shares</b>								
Year ended 3-31-2021	\$ 18.54	69.18%	\$ 66	1.55%	1.08%	1.76%	0.87%	20%
Year ended 3-31-2020	11.08	-24.08	45	1.56	2.19	1.77	1.98	26
Year ended 3-31-2019	14.93	-6.19	75	1.55	0.99	1.75	0.79	85
Year ended 3-31-2018	18.08	6.30	96	1.59	0.47	1.75	0.31	33
Year ended 3-31-2017	17.15	20.10	98	1.65	0.91	1.81	0.75	51
<b>Class B Shares<sup>(4)</sup></b>								
Year ended 3-31-2021	16.03	65.09	—*	4.03	-1.56	4.24	-1.77	20
Year ended 3-31-2020	9.71	-25.59	—*	3.62	0.44	3.83	0.23	26
Year ended 3-31-2019	13.16	-7.75	—*	3.19	-0.68	3.39	-0.88	85
Year ended 3-31-2018	16.34	4.88	1	2.96	-0.86	3.12	-1.02	33
Year ended 3-31-2017	15.58	18.48	1	2.94	-0.53	3.10	-0.69	51
<b>Class C Shares</b>								
Year ended 3-31-2021	17.16	67.92	1	2.31	0.18	2.52	-0.03	20
Year ended 3-31-2020	10.28	-24.55	1	2.20	1.57	2.41	1.36	26
Year ended 3-31-2019	13.89	-6.74	2	2.13	0.39	2.33	0.19	85
Year ended 3-31-2018	16.99	5.65	3	2.19	-0.18	2.35	-0.34	33
Year ended 3-31-2017	16.12	19.41	14	2.21	0.19	2.37	0.03	51
<b>Class I Shares</b>								
Year ended 3-31-2021	19.05	69.97	92	1.12	1.48	1.33	1.27	20
Year ended 3-31-2020	11.37	-23.71	74	1.11	2.60	1.32	2.39	26
Year ended 3-31-2019	15.30	-5.79	95	1.12	1.43	1.32	1.23	85
Year ended 3-31-2018	18.48	6.73	77	1.16	0.91	1.32	0.75	33
Year ended 3-31-2017	17.53	20.70	96	1.17	0.96	1.33	0.80	51
<b>Class N Shares</b>								
Year ended 3-31-2021	19.11	70.31	90	0.94	1.62	1.15	1.41	20
Year ended 3-31-2020	11.40	-23.58	84	0.93	2.84	1.14	2.63	26
Year ended 3-31-2019	15.34	-5.66	105	0.91	1.72	1.11	1.52	85
Year ended 3-31-2018	18.53	6.94	—*	0.99	1.18	1.15	1.02	33
Year ended 3-31-2017	17.57	20.81	1	1.00	1.41	1.16	1.25	51
<b>Class R Shares</b>								
Year ended 3-31-2021	18.50	68.98	—*	1.69	0.98	1.90	0.77	20
Year ended 3-31-2020	11.06	-24.13	—*	1.67	2.03	1.88	1.82	26
Year ended 3-31-2019	14.90	-6.33	—*	1.69	0.85	1.89	0.65	85
Year ended 3-31-2018	18.05	6.13	—*	1.72	0.32	1.88	0.16	33
Year ended 3-31-2017	17.13	19.96	—*	1.75	0.64	1.91	0.48	51
<b>Class Y Shares</b>								
Year ended 3-31-2021	18.85	69.55	1	1.36	1.32	1.57	1.11	20
Year ended 3-31-2020	11.26	-23.93	1	1.41	2.52	1.62	2.31	26
Year ended 3-31-2019	15.16	-6.04	2	1.36	1.17	1.56	0.97	85
Year ended 3-31-2018	18.33	6.48	2	1.39	0.66	1.55	0.50	33
Year ended 3-31-2017	17.39	20.38	2	1.41	1.00	1.57	0.84	51

See Accompanying Notes to Financial Statements.

[Table of Contents](#)

## FINANCIAL HIGHLIGHTS

## IVY FUNDS

FOR A SHARE OF CAPITAL STOCK OUTSTANDING THROUGHOUT EACH PERIOD

## IVY SECURIAN CORE BOND FUND

	Net Asset Value, Beginning of Period	Net Investment Income <sup>(1)</sup>	Net Realized and Unrealized Gain (Loss) on Investments	Total from Investment Operations	Distributions From Net Investment Income	Distributions From Net Realized Gains	Total Distributions
<b>Class A Shares</b>							
Year ended 3-31-2021	\$ 10.49	\$ 0.20	\$ 0.57	\$ 0.77	\$ (0.22)	\$ (0.25)	\$ (0.47)
Year ended 3-31-2020	10.66	0.27	(0.07)	0.20	(0.28)	(0.09)	(0.37)
Year ended 3-31-2019	10.57	0.32	0.09	0.41	(0.32)	—	(0.32)
Year ended 3-31-2018	10.62	0.28	(0.04)	0.24	(0.29)	—	(0.29)
Year ended 3-31-2017	10.54	0.24	0.11	0.35	(0.27)	—	(0.27)
<b>Class B Shares<sup>(4)</sup></b>							
Year ended 3-31-2021	10.49	0.10	0.56	0.66	(0.11)	(0.25)	(0.36)
Year ended 3-31-2020	10.66	0.17	(0.07)	0.10	(0.18)	(0.09)	(0.27)
Year ended 3-31-2019	10.57	0.23	0.09	0.32	(0.23)	—	(0.23)
Year ended 3-31-2018	10.62	0.18	(0.04)	0.14	(0.19)	—	(0.19)
Year ended 3-31-2017	10.54	0.14	0.10	0.24	(0.16)	—	(0.16)
<b>Class C Shares</b>							
Year ended 3-31-2021	10.49	0.11	0.58	0.69	(0.14)	(0.25)	(0.39)
Year ended 3-31-2020	10.66	0.19	(0.07)	0.12	(0.20)	(0.09)	(0.29)
Year ended 3-31-2019	10.57	0.25	0.09	0.34	(0.25)	—	(0.25)
Year ended 3-31-2018	10.62	0.20	(0.04)	0.16	(0.21)	—	(0.21)
Year ended 3-31-2017	10.54	0.17	0.10	0.27	(0.19)	—	(0.19)
<b>Class E Shares</b>							
Year ended 3-31-2021	10.49	0.19	0.57	0.76	(0.21)	(0.25)	(0.46)
Year ended 3-31-2020	10.66	0.27	(0.07)	0.20	(0.28)	(0.09)	(0.37)
Year ended 3-31-2019	10.57	0.32	0.09	0.41	(0.32)	—	(0.32)
Year ended 3-31-2018	10.62	0.28	(0.04)	0.24	(0.29)	—	(0.29)
Year ended 3-31-2017	10.54	0.25	0.10	0.35	(0.27)	—	(0.27)
<b>Class I Shares</b>							
Year ended 3-31-2021	10.49	0.24	0.58	0.82	(0.27)	(0.25)	(0.52)
Year ended 3-31-2020	10.66	0.32	(0.07)	0.25	(0.33)	(0.09)	(0.42)
Year ended 3-31-2019	10.57	0.37	0.09	0.46	(0.37)	—	(0.37)
Year ended 3-31-2018	10.62	0.33	(0.04)	0.29	(0.34)	—	(0.34)
Year ended 3-31-2017	10.54	0.29	0.09	0.38	(0.30)	—	(0.30)
<b>Class N Shares</b>							
Year ended 3-31-2021	10.49	0.24	0.58	0.82	(0.27)	(0.25)	(0.52)
Year ended 3-31-2020	10.66	0.32	(0.07)	0.25	(0.33)	(0.09)	(0.42)
Year ended 3-31-2019	10.57	0.37	0.09	0.46	(0.37)	—	(0.37)
Year ended 3-31-2018	10.62	0.33	(0.04)	0.29	(0.34)	—	(0.34)
Year ended 3-31-2017	10.54	0.30	0.10	0.40	(0.32)	—	(0.32)
<b>Class R Shares</b>							
Year ended 3-31-2021	10.49	0.16	0.57	0.73	(0.18)	(0.25)	(0.43)
Year ended 3-31-2020	10.66	0.24	(0.07)	0.17	(0.25)	(0.09)	(0.34)
Year ended 3-31-2019	10.57	0.29	0.09	0.38	(0.29)	—	(0.29)
Year ended 3-31-2018	10.62	0.25	(0.03)	0.22	(0.27)	—	(0.27)
Year ended 3-31-2017	10.54	0.22	0.10	0.32	(0.24)	—	(0.24)
<b>Class Y Shares</b>							
Year ended 3-31-2021	10.49	0.20	0.57	0.77	(0.22)	(0.25)	(0.47)
Year ended 3-31-2020	10.66	0.27	(0.07)	0.20	(0.28)	(0.09)	(0.37)
Year ended 3-31-2019	10.57	0.33	0.09	0.42	(0.33)	—	(0.33)
Year ended 3-31-2018	10.62	0.29	(0.04)	0.25	(0.30)	—	(0.30)
Year ended 3-31-2017	10.54	0.26	0.10	0.36	(0.28)	—	(0.28)

\* Not shown due to rounding.

(1) Based on average weekly shares outstanding.

(2) Based on net asset value, which does not reflect the sales charge or contingent deferred sales charge, if applicable. Total returns for periods less than one year are not annualized.

(3) Ratios excluding expense waivers are included only for periods in which the class had waived or reimbursed expenses.

(4) These class shares are not available for direct investment. However, they are available for dividend reinvestment and exchange of the same class shares of another Ivy Fund.

[Table of Contents](#)

	Net Asset Value, End of Period	Total Return(2)	Net Assets, End of Period (in millions)	Ratio of Expenses to Average Net Assets Including Expense Waiver	Ratio of Net Investment Income to Average Net Assets Including Expense Waiver	Ratio of Expenses to Average Net Assets Excluding Expense Waiver(3)	Ratio of Net Investment Income to Average Net Assets Excluding Expense Waiver(3)	Portfolio Turnover Rate
<b>Class A Shares</b>								
Year ended 3-31-2021	\$ 10.79	7.32%	\$ 219	0.87%	1.77%	0.97%	1.67%	98%
Year ended 3-31-2020	10.49	1.79	199	1.00	2.48	1.02	2.46	118
Year ended 3-31-2019	10.66	3.96	177	1.02	2.95	1.05	2.92	91
Year ended 3-31-2018	10.57	2.26	200	1.04	2.60	1.07	2.57	163
Year ended 3-31-2017	10.62	3.30	206	1.05	2.28	1.06	2.27	190
<b>Class B Shares(4)</b>								
Year ended 3-31-2021	10.79	6.29	—*	1.82	0.86	1.92	0.76	98
Year ended 3-31-2020	10.49	0.84	1	1.94	1.58	1.96	1.56	118
Year ended 3-31-2019	10.66	3.12	2	1.83	2.13	1.86	2.10	91
Year ended 3-31-2018	10.57	1.33	3	1.96	1.68	1.99	1.65	163
Year ended 3-31-2017	10.62	2.32	5	2.02	1.33	2.03	1.32	190
<b>Class C Shares</b>								
Year ended 3-31-2021	10.79	6.50	11	1.64	1.01	1.74	0.91	98
Year ended 3-31-2020	10.49	1.02	14	1.75	1.73	1.77	1.71	118
Year ended 3-31-2019	10.66	3.25	13	1.71	2.26	1.74	2.23	91
Year ended 3-31-2018	10.57	1.51	16	1.77	1.87	1.80	1.84	163
Year ended 3-31-2017	10.62	2.59	26	1.76	1.60	1.77	1.59	190
<b>Class E Shares</b>								
Year ended 3-31-2021	10.79	7.24	5	0.95	1.70	1.14	1.51	98
Year ended 3-31-2020	10.49	1.79	4	0.99	2.48	1.22	2.25	118
Year ended 3-31-2019	10.66	3.96	3	1.02	2.95	1.27	2.70	91
Year ended 3-31-2018	10.57	2.27	4	1.03	2.61	1.24	2.40	163
Year ended 3-31-2017	10.62	3.31	4	1.05	2.31	1.23	2.13	190
<b>Class I Shares</b>								
Year ended 3-31-2021	10.79	7.77	772	0.45	2.20	0.72	1.93	98
Year ended 3-31-2020	10.49	2.25	742	0.54	2.93	0.73	2.74	118
Year ended 3-31-2019	10.66	4.46	586	0.54	3.43	0.74	3.23	91
Year ended 3-31-2018	10.57	2.77	525	0.54	3.10	0.74	2.90	163
Year ended 3-31-2017	10.62	3.68	458	0.69	2.70	0.74	2.65	190
<b>Class N Shares</b>								
Year ended 3-31-2021	10.79	7.77	184	0.45	2.20	0.57	2.08	98
Year ended 3-31-2020	10.49	2.25	133	0.54	2.94	0.58	2.90	118
Year ended 3-31-2019	10.66	4.46	110	0.54	3.41	0.58	3.37	91
Year ended 3-31-2018	10.57	2.77	195	0.54	3.10	0.58	3.06	163
Year ended 3-31-2017	10.62	3.80	2	0.58	2.77	0.59	2.76	190
<b>Class R Shares</b>								
Year ended 3-31-2021	10.79	6.97	1	1.20	1.46	1.30	1.36	98
Year ended 3-31-2020	10.49	1.48	1	1.30	2.18	1.32	2.16	118
Year ended 3-31-2019	10.66	3.67	1	1.30	2.67	1.33	2.64	91
Year ended 3-31-2018	10.57	2.04	2	1.29	2.31	1.32	2.28	163
Year ended 3-31-2017	10.62	3.04	8	1.32	2.07	1.33	2.06	190
<b>Class Y Shares</b>								
Year ended 3-31-2021	10.79	7.33	7	0.87	1.78	0.97	1.68	98
Year ended 3-31-2020	10.49	1.82	10	0.96	2.48	0.98	2.46	118
Year ended 3-31-2019	10.66	4.04	5	0.95	3.03	0.98	3.00	91
Year ended 3-31-2018	10.57	2.35	5	0.95	2.69	0.98	2.66	163
Year ended 3-31-2017	10.62	3.39	5	0.97	2.39	0.98	2.38	190

See Accompanying Notes to Financial Statements.

[Table of Contents](#)

## FINANCIAL HIGHLIGHTS

## IVY FUNDS

FOR A SHARE OF CAPITAL STOCK OUTSTANDING THROUGHOUT EACH PERIOD

## IVY SMALL CAP CORE FUND

	Net Asset Value, Beginning of Period	Net Investment Income (Loss) <sup>(1)</sup>	Net Realized and Unrealized Gain (Loss) on Investments	Total from Investment Operations	Distributions From Net Investment Income	Distributions From Net Realized Gains	Total Distributions
<b>Class A Shares</b>							
Year ended 3-31-2021	\$ 12.88	\$ (0.06)	\$ 9.61	\$ 9.55	\$ —	\$ —	\$ —
Year ended 3-31-2020	16.87	(0.04)	(3.83)	(3.87)	—	(0.12)	(0.12)
Year ended 3-31-2019	18.29	(0.09)	1.04	0.95	—	(2.37)	(2.37)
Year ended 3-31-2018	17.66	(0.04)	1.09	1.05	—	(0.42)	(0.42)
Year ended 3-31-2017	14.38	(0.05)	4.14	4.09	—	(0.81)	(0.81)
<b>Class B Shares<sup>(4)</sup></b>							
Year ended 3-31-2021	10.02	(0.17)	7.42	7.25	—	—	—
Year ended 3-31-2020	13.27	(0.16)	(2.97)	(3.13)	—	(0.12)	(0.12)
Year ended 3-31-2019	14.79	(0.20)	0.82	0.62	—	(2.14)	(2.14)
Year ended 3-31-2018	14.45	(0.16)	0.88	0.72	—	(0.38)	(0.38)
Year ended 3-31-2017	11.92	(0.17)	3.43	3.26	—	(0.73)	(0.73)
<b>Class C Shares</b>							
Year ended 3-31-2021	10.85	(0.15)	8.05	7.90	—	—	—
Year ended 3-31-2020	14.32	(0.14)	(3.21)	(3.35)	—	(0.12)	(0.12)
Year ended 3-31-2019	15.81	(0.19)	0.89	0.70	—	(2.19)	(2.19)
Year ended 3-31-2018	15.39	(0.16)	0.97	0.81	—	(0.39)	(0.39)
Year ended 3-31-2017	12.64	(0.14)	3.64	3.50	—	(0.75)	(0.75)
<b>Class I Shares</b>							
Year ended 3-31-2021	14.10	0.02	10.56	10.58	—	—	—
Year ended 3-31-2020	18.40	0.05	(4.19)	(4.14)	(0.02)	(0.14)	(0.16)
Year ended 3-31-2019	19.79	(0.01)	1.13	1.12	—	(2.51)	(2.51)
Year ended 3-31-2018	19.03	0.00*	1.20	1.20	—	(0.44)	(0.44)
Year ended 3-31-2017	15.42	0.01	4.46	4.47	—	(0.86)	(0.86)
<b>Class N Shares</b>							
Year ended 3-31-2021	14.22	0.02	10.64	10.66	—	—	—
Year ended 3-31-2020	18.55	0.05	(4.22)	(4.17)	(0.02)	(0.14)	(0.16)
Year ended 3-31-2019	19.96	0.01	1.13	1.14	—	(2.55)	(2.55)
Year ended 3-31-2018	19.17	0.03	1.21	1.24	—	(0.45)	(0.45)
Year ended 3-31-2017	15.52	0.04	4.49	4.53	—	(0.88)	(0.88)
<b>Class R Shares</b>							
Year ended 3-31-2021	12.78	(0.11)	9.53	9.42	—	—	—
Year ended 3-31-2020	16.78	(0.09)	(3.79)	(3.88)	—	(0.12)	(0.12)
Year ended 3-31-2019	18.18	(0.13)	1.03	0.90	—	(2.30)	(2.30)
Year ended 3-31-2018	17.58	(0.11)	1.12	1.01	—	(0.41)	(0.41)
Year ended 3-31-2017	14.33	(0.09)	4.13	4.04	—	(0.79)	(0.79)
<b>Class Y Shares</b>							
Year ended 3-31-2021	13.62	(0.05)	10.16	10.11	—	—	—
Year ended 3-31-2020	17.81	(0.03)	(4.04)	(4.07)	—	(0.12)	(0.12)
Year ended 3-31-2019	19.20	(0.08)	1.10	1.02	—	(2.41)	(2.41)
Year ended 3-31-2018	18.51	(0.03)	1.15	1.12	—	(0.43)	(0.43)
Year ended 3-31-2017	15.03	(0.03)	4.34	4.31	—	(0.83)	(0.83)

\* Not shown due to rounding.

(1) Based on average weekly shares outstanding.

(2) Based on net asset value, which does not reflect the sales charge or contingent deferred sales charge, if applicable. Total returns for periods less than one year are not annualized.

(3) Ratios excluding expense waivers are included only for periods in which the class had waived or reimbursed expenses.

(4) These class shares are not available for direct investment. However, they are available for dividend reinvestment and exchange of the same class shares of another Ivy Fund.

[Table of Contents](#)

	Net Asset Value, End of Period	Total Return(2)	Net Assets, End of Period (in millions)	Ratio of Expenses to Average Net Assets Including Expense Waiver	Ratio of Net Investment Income (Loss) to Average Net Assets Including Expense Waiver	Ratio of Expenses to Average Net Assets Excluding Expense Waiver(3)	Ratio of Net Investment Income (Loss) to Average Net Assets Excluding Expense Waiver(3)	Portfolio Turnover Rate
<b>Class A Shares</b>								
Year ended 3-31-2021	\$ 22.43	74.15%	\$ 176	1.37%	-0.37%	1.41%	-0.41%	127%
Year ended 3-31-2020	12.88	-23.13	114	1.38	-0.24	1.41	-0.27	138
Year ended 3-31-2019	16.87	6.30	174	1.40	-0.48	1.42	-0.50	119
Year ended 3-31-2018	18.29	5.97	186	1.46	-0.24	—	—	119
Year ended 3-31-2017	17.66	28.52	200	1.50	-0.28	—	—	133
<b>Class B Shares(4)</b>								
Year ended 3-31-2021	17.27	72.35	—*	2.39	-1.33	2.42	-1.36	127
Year ended 3-31-2020	10.02	-23.83	1	2.33	-1.18	2.35	-1.20	138
Year ended 3-31-2019	13.27	5.43	2	2.25	-1.33	2.27	-1.35	119
Year ended 3-31-2018	14.79	4.91	3	2.39	-1.06	—	—	119
Year ended 3-31-2017	14.45	27.39	5	2.44	-1.26	—	—	133
<b>Class C Shares</b>								
Year ended 3-31-2021	18.75	72.81	22	2.09	-1.07	2.12	-1.10	127
Year ended 3-31-2020	10.85	-23.62	20	2.10	-0.96	2.12	-0.98	138
Year ended 3-31-2019	14.32	5.59	35	2.07	-1.15	2.09	-1.17	119
Year ended 3-31-2018	15.81	5.21	33	2.14	-0.97	—	—	119
Year ended 3-31-2017	15.39	27.72	33	2.17	-0.99	—	—	133
<b>Class I Shares</b>								
Year ended 3-31-2021	24.68	75.04	451	0.89	0.11	1.09	-0.09	127
Year ended 3-31-2020	14.10	-22.74	304	0.89	0.25	1.10	0.04	138
Year ended 3-31-2019	18.40	6.79	393	0.95	-0.03	1.09	-0.17	119
Year ended 3-31-2018	19.79	6.29	333	1.10	-0.02	—	—	119
Year ended 3-31-2017	19.03	29.05	253	1.10	0.03	—	—	133
<b>Class N Shares</b>								
Year ended 3-31-2021	24.88	74.96	77	0.89	0.11	0.95	0.05	127
Year ended 3-31-2020	14.22	-22.72	59	0.89	0.24	0.95	0.18	138
Year ended 3-31-2019	18.55	6.87	77	0.90	0.04	0.94	—	119
Year ended 3-31-2018	19.96	6.45	43	0.94	0.16	—	—	119
Year ended 3-31-2017	19.17	29.25	9	0.95	0.22	—	—	133
<b>Class R Shares</b>								
Year ended 3-31-2021	22.20	73.71	25	1.64	-0.64	1.67	-0.67	127
Year ended 3-31-2020	12.78	-23.32	15	1.65	-0.52	1.67	-0.54	138
Year ended 3-31-2019	16.78	6.04	16	1.65	-0.73	1.67	-0.75	119
Year ended 3-31-2018	18.18	5.69	11	1.68	-0.62	—	—	119
Year ended 3-31-2017	17.58	28.27	6	1.69	-0.51	—	—	133
<b>Class Y Shares</b>								
Year ended 3-31-2021	23.73	74.23	9	1.30	-0.28	1.34	-0.32	127
Year ended 3-31-2020	13.62	-23.08	7	1.32	-0.19	1.35	-0.22	138
Year ended 3-31-2019	17.81	6.45	16	1.31	-0.41	1.33	-0.43	119
Year ended 3-31-2018	19.20	6.00	18	1.36	-0.16	—	—	119
Year ended 3-31-2017	18.51	28.74	22	1.35	-0.20	—	—	133

See Accompanying Notes to Financial Statements.

[Table of Contents](#)

## FINANCIAL HIGHLIGHTS

## IVY FUNDS

FOR A SHARE OF CAPITAL STOCK OUTSTANDING THROUGHOUT EACH PERIOD

## IVY SMALL CAP GROWTH FUND

	Net Asset Value, Beginning of Period	Net Investment Loss <sup>(1)</sup>	Net Realized and Unrealized Gain (Loss) on Investments	Total from Investment Operations	Distributions From Net Investment Income	Distributions From Net Realized Gains	Total Distributions
<b>Class A Shares</b>							
Year ended 3-31-2021	\$ 13.27	\$ (0.18)	\$ 11.15	\$ 10.97	\$ —	\$ (1.96)	\$ (1.96)
Year ended 3-31-2020	17.19	(0.15)	(2.59)	(2.74)	—	(1.18)	(1.18)
Year ended 3-31-2019	18.63	(0.15)	1.44	1.29	—	(2.73)	(2.73)
Year ended 3-31-2018	17.23	(0.15)	3.56	3.41	—	(2.01)	(2.01)
Year ended 3-31-2017	14.81	(0.13)	3.58	3.45	—	(1.03)	(1.03)
<b>Class B Shares<sup>(4)</sup></b>							
Year ended 3-31-2021	8.65	(0.22)	7.15	6.93	—	(1.96)	(1.96)
Year ended 3-31-2020	11.70	(0.21)	(1.66)	(1.87)	—	(1.18)	(1.18)
Year ended 3-31-2019	13.55	(0.23)	1.01	0.78	—	(2.63)	(2.63)
Year ended 3-31-2018	13.11	(0.23)	2.66	2.43	—	(1.99)	(1.99)
Year ended 3-31-2017	11.57	(0.21)	2.78	2.57	—	(1.03)	(1.03)
<b>Class C Shares</b>							
Year ended 3-31-2021	9.92	(0.24)	8.24	8.00	—	(1.96)	(1.96)
Year ended 3-31-2020	13.23	(0.21)	(1.92)	(2.13)	—	(1.18)	(1.18)
Year ended 3-31-2019	14.97	(0.23)	1.14	0.91	—	(2.65)	(2.65)
Year ended 3-31-2018	14.28	(0.24)	2.92	2.68	—	(1.99)	(1.99)
Year ended 3-31-2017	12.50	(0.20)	3.01	2.81	—	(1.03)	(1.03)
<b>Class E Shares</b>							
Year ended 3-31-2021	13.11	(0.18)	11.01	10.83	—	(1.96)	(1.96)
Year ended 3-31-2020	17.00	(0.15)	(2.56)	(2.71)	—	(1.18)	(1.18)
Year ended 3-31-2019	18.46	(0.16)	1.43	1.27	—	(2.73)	(2.73)
Year ended 3-31-2018	17.09	(0.15)	3.53	3.38	—	(2.01)	(2.01)
Year ended 3-31-2017	14.70	(0.14)	3.56	3.42	—	(1.03)	(1.03)
<b>Class I Shares</b>							
Year ended 3-31-2021	18.51	(0.15)	15.66	15.51	—	(1.96)	(1.96)
Year ended 3-31-2020	23.43	(0.11)	(3.63)	(3.74)	—	(1.18)	(1.18)
Year ended 3-31-2019	24.36	(0.11)	1.93	1.82	—	(2.75)	(2.75)
Year ended 3-31-2018	21.96	(0.12)	4.58	4.46	—	(2.06)	(2.06)
Year ended 3-31-2017	18.57	(0.10)	4.52	4.42	—	(1.03)	(1.03)
<b>Class N Shares</b>							
Year ended 3-31-2021	18.63	(0.15)	15.78	15.63	—	(1.96)	(1.96)
Year ended 3-31-2020	23.58	(0.10)	(3.67)	(3.77)	—	(1.18)	(1.18)
Year ended 3-31-2019	24.49	(0.10)	1.96	1.86	—	(2.77)	(2.77)
Year ended 3-31-2018	22.06	(0.09)	4.60	4.51	—	(2.08)	(2.08)
Year ended 3-31-2017	18.62	(0.07)	4.54	4.47	—	(1.03)	(1.03)
<b>Class R Shares</b>							
Year ended 3-31-2021	12.89	(0.24)	10.81	10.57	—	(1.96)	(1.96)
Year ended 3-31-2020	16.78	(0.20)	(2.51)	(2.71)	—	(1.18)	(1.18)
Year ended 3-31-2019	18.27	(0.20)	1.41	1.21	—	(2.70)	(2.70)
Year ended 3-31-2018	16.97	(0.20)	3.49	3.29	—	(1.99)	(1.99)
Year ended 3-31-2017	14.63	(0.17)	3.54	3.37	—	(1.03)	(1.03)
<b>Class Y Shares</b>							
Year ended 3-31-2021	17.17	(0.23)	14.49	14.26	—	(1.96)	(1.96)
Year ended 3-31-2020	21.90	(0.18)	(3.37)	(3.55)	—	(1.18)	(1.18)
Year ended 3-31-2019	23.00	(0.18)	1.82	1.64	—	(2.74)	(2.74)
Year ended 3-31-2018	20.85	(0.17)	4.34	4.17	—	(2.02)	(2.02)
Year ended 3-31-2017	17.72	(0.14)	4.30	4.16	—	(1.03)	(1.03)

(1) Based on average weekly shares outstanding.

(2) Based on net asset value, which does not reflect the sales charge or contingent deferred sales charge, if applicable. Total returns for periods less than one year are not annualized.

(3) Ratios excluding expense waivers are included only for periods in which the class had waived or reimbursed expenses.

(4) These class shares are not available for direct investment. However, they are available for dividend reinvestment and exchange of the same class shares of another Ivy Fund.

(5) Expense ratio based on the period excluding reorganization expenses was 1.36%.

[Table of Contents](#)

	Net Asset Value, End of Period	Total Return(2)	Net Assets, End of Period (in millions)	Ratio of Expenses to Average Net Assets Including Expense Waiver	Ratio of Net Investment Loss to Average Net Assets Including Expense Waiver	Ratio of Expenses to Average Net Assets Excluding Expense Waiver(3)	Ratio of Net Investment Loss to Average Net Assets Excluding Expense Waiver(3)	Portfolio Turnover Rate
<b>Class A Shares</b>								
Year ended 3-31-2021	\$ 22.28	84.34%	\$ 1,318	1.26%	-0.93%	—%	—%	57%
Year ended 3-31-2020	13.27	-17.35	788	1.31	-0.87	—	—	40
Year ended 3-31-2019	17.19	7.76	1,099	1.32	-0.84	—	—	42
Year ended 3-31-2018	18.63	20.69	1,026	1.35	-0.80	—	—	43
Year ended 3-31-2017	17.23	23.58	236	1.41	-0.81	—	—	53
<b>Class B Shares(4)</b>								
Year ended 3-31-2021	13.62	82.59	2	2.17	-1.81	2.50	-2.14	57
Year ended 3-31-2020	8.65	-18.07	3	2.22	-1.79	2.40	-1.97	40
Year ended 3-31-2019	11.70	6.80	7	2.22	-1.73	2.33	-1.84	42
Year ended 3-31-2018	13.55	19.67	10	2.23	-1.70	—	—	43
Year ended 3-31-2017	13.11	22.55	8	2.24	-1.66	—	—	53
<b>Class C Shares</b>								
Year ended 3-31-2021	15.96	82.81	57	2.04	-1.69	2.04	-1.69	57
Year ended 3-31-2020	9.92	-17.94	51	2.05	-1.62	2.09	-1.66	40
Year ended 3-31-2019	13.23	6.99	88	2.05	-1.56	2.06	-1.57	42
Year ended 3-31-2018	14.97	19.82	99	2.06	-1.57	—	—	43
Year ended 3-31-2017	14.28	22.80	176	2.07	-1.49	—	—	53
<b>Class E Shares</b>								
Year ended 3-31-2021	21.98	84.29	15	1.30	-0.97	1.43	-1.10	57
Year ended 3-31-2020	13.11	-17.37	8	1.35	-0.91	1.53	-1.09	40
Year ended 3-31-2019	17.00	7.71	10	1.35	-0.87	1.53	-1.05	42
Year ended 3-31-2018	18.46	20.68	10	1.37 <sup>(5)</sup>	-0.83	1.61	-1.07	43
Year ended 3-31-2017	17.09	23.55	8	1.43	-0.85	1.71	-1.13	53
<b>Class I Shares</b>								
Year ended 3-31-2021	32.06	85.00	1,216	0.89	-0.55	1.03	-0.69	57
Year ended 3-31-2020	18.51	-16.99	778	0.89	-0.46	1.04	-0.61	40
Year ended 3-31-2019	23.43	8.14	1,034	0.94	-0.47	1.04	-0.57	42
Year ended 3-31-2018	24.36	21.04	717	1.07	-0.53	—	—	43
Year ended 3-31-2017	21.96	24.03	313	1.07	-0.51	—	—	53
<b>Class N Shares</b>								
Year ended 3-31-2021	32.30	85.10	252	0.87	-0.54	—	—	57
Year ended 3-31-2020	18.63	-17.01	161	0.89	-0.44	—	—	40
Year ended 3-31-2019	23.58	8.19	155	0.89	-0.42	—	—	42
Year ended 3-31-2018	24.49	21.25	110	0.91	-0.38	—	—	43
Year ended 3-31-2017	22.06	24.24	69	0.91	-0.34	—	—	53
<b>Class R Shares</b>								
Year ended 3-31-2021	21.50	83.70	70	1.62	-1.29	—	—	57
Year ended 3-31-2020	12.89	-17.60	43	1.63	-1.19	—	—	40
Year ended 3-31-2019	16.78	7.42	66	1.62	-1.14	—	—	42
Year ended 3-31-2018	18.27	20.29	57	1.66	-1.11	—	—	43
Year ended 3-31-2017	16.97	23.32	48	1.66	-1.08	—	—	53
<b>Class Y Shares</b>								
Year ended 3-31-2021	29.47	84.34	135	1.26	-0.93	1.26	-0.93	57
Year ended 3-31-2020	17.17	-17.36	91	1.28	-0.84	—	—	40
Year ended 3-31-2019	21.90	7.83	141	1.27	-0.79	—	—	42
Year ended 3-31-2018	23.00	20.75	141	1.31	-0.77	—	—	43
Year ended 3-31-2017	20.85	23.71	135	1.31	-0.71	—	—	53

See Accompanying Notes to Financial Statements.

[Table of Contents](#)

## FINANCIAL HIGHLIGHTS

## IVY FUNDS

FOR A SHARE OF CAPITAL STOCK OUTSTANDING THROUGHOUT EACH PERIOD

## IVY VALUE FUND

	Net Asset Value, Beginning of Period	Net Investment Income(1)	Net Realized and Unrealized Gain (Loss) on Investments	Total from Investment Operations	Distributions From Net Investment Income	Distributions From Net Realized Gains	Total Distributions
<b>Class A Shares</b>							
Year ended 3-31-2021	\$ 16.79	\$ 0.29	\$ 9.86	\$ 10.15	\$ (0.29)	\$ (0.47)	\$ (0.76)
Year ended 3-31-2020	22.61	0.41	(3.98)	(3.57)	(0.33)	(1.92)	(2.25)
Year ended 3-31-2019	23.27	0.28	0.50	0.78	(0.20)	(1.24)	(1.44)
Year ended 3-31-2018	22.69	0.16	1.23	1.39	(0.26)	(0.55)	(0.81)
Year ended 3-31-2017	19.72	0.20	3.25	3.45	(0.33)	(0.15)	(0.48)
<b>Class B Shares(4)</b>							
Year ended 3-31-2021	15.25	0.07	8.93	9.00	(0.08)	(0.47)	(0.55)
Year ended 3-31-2020	20.77	0.14	(3.61)	(3.47)	(0.13)	(1.92)	(2.05)
Year ended 3-31-2019	21.53	0.07	0.43	0.50	(0.02)	(1.24)	(1.26)
Year ended 3-31-2018	21.12	0.06	1.02	1.08	(0.12)	(0.55)	(0.67)
Year ended 3-31-2017	18.39	0.00*	3.02	3.02	(0.14)	(0.15)	(0.29)
<b>Class C Shares</b>							
Year ended 3-31-2021	16.02	0.13	9.39	9.52	(0.12)	(0.47)	(0.59)
Year ended 3-31-2020	21.69	0.22	(3.79)	(3.57)	(0.18)	(1.92)	(2.10)
Year ended 3-31-2019	22.40	0.13	0.45	0.58	(0.05)	(1.24)	(1.29)
Year ended 3-31-2018	21.92	0.15	1.04	1.19	(0.16)	(0.55)	(0.71)
Year ended 3-31-2017	19.07	0.08	3.13	3.21	(0.21)	(0.15)	(0.36)
<b>Class I Shares</b>							
Year ended 3-31-2021	16.88	0.35	9.91	10.26	(0.36)	(0.47)	(0.83)
Year ended 3-31-2020	22.72	0.47	(4.00)	(3.53)	(0.39)	(1.92)	(2.31)
Year ended 3-31-2019	23.38	0.36	0.50	0.86	(0.28)	(1.24)	(1.52)
Year ended 3-31-2018	22.80	0.24	1.22	1.46	(0.33)	(0.55)	(0.88)
Year ended 3-31-2017	19.81	0.31	3.23	3.54	(0.40)	(0.15)	(0.55)
<b>Class N Shares</b>							
Year ended 3-31-2021	16.94	0.39	9.94	10.33	(0.40)	(0.47)	(0.87)
Year ended 3-31-2020	22.80	0.51	(4.02)	(3.51)	(0.43)	(1.92)	(2.35)
Year ended 3-31-2019	23.45	0.41	0.50	0.91	(0.32)	(1.24)	(1.56)
Year ended 3-31-2018	22.86	0.41	1.10	1.51	(0.37)	(0.55)	(0.92)
Year ended 3-31-2017	19.87	0.33	3.25	3.58	(0.44)	(0.15)	(0.59)
<b>Class R Shares</b>							
Year ended 3-31-2021	16.74	0.21	9.83	10.04	(0.20)	(0.47)	(0.67)
Year ended 3-31-2020	22.56	0.33	(3.98)	(3.65)	(0.25)	(1.92)	(2.17)
Year ended 3-31-2019	23.22	0.22	0.49	0.71	(0.13)	(1.24)	(1.37)
Year ended 3-31-2018	22.66	0.26	1.06	1.32	(0.21)	(0.55)	(0.76)
Year ended 3-31-2017	19.70	0.17	3.23	3.40	(0.29)	(0.15)	(0.44)
<b>Class Y Shares</b>							
Year ended 3-31-2021	16.77	0.33	9.80	10.13	(0.29)	(0.47)	(0.76)
Year ended 3-31-2020	22.65	0.46	(4.09)	(3.63)	(0.33)	(1.92)	(2.25)
Year ended 3-31-2019	23.31	0.33	0.47	0.80	(0.22)	(1.24)	(1.46)
Year ended 3-31-2018	22.73	0.34	1.05	1.39	(0.26)	(0.55)	(0.81)
Year ended 3-31-2017	19.77	0.26	3.21	3.47	(0.36)	(0.15)	(0.51)

\* Not shown due to rounding.

(1) Based on average weekly shares outstanding.

(2) Based on net asset value, which does not reflect the sales charge or contingent deferred sales charge, if applicable. Total returns for periods less than one year are not annualized.

(3) Ratios excluding expense waivers are included only for periods in which the class had waived or reimbursed expenses.

(4) These class shares are not available for direct investment. However, they are available for dividend reinvestment and exchange of the same class shares of another Ivy Fund.

(5) Expense ratio based on the period excluding reorganization expenses was 1.21%.

(6) Expense ratio based on the period excluding reorganization expenses was 2.23%.

(7) Expense ratio based on the period excluding reorganization expenses was 1.94%.

(8) Expense ratio based on the period excluding reorganization expenses was 0.92%.

(9) Expense ratio based on the period excluding reorganization expenses was 0.77%.

(10) Expense ratio based on the period excluding reorganization expenses was 1.52%.

(11) Expense ratio based on the period excluding reorganization expenses was 1.21%.

[Table of Contents](#)

	Net Asset Value, End of Period	Total Return <sup>(2)</sup>	Net Assets, End of Period (in millions)	Ratio of Expenses to Average Net Assets Including Expense Waiver	Ratio of Net Investment Income to Average Net Assets Including Expense Waiver	Ratio of Expenses to Average Net Assets Excluding Expense Waiver <sup>(3)</sup>	Ratio of Net Investment Income to Average Net Assets Excluding Expense Waiver <sup>(3)</sup>	Portfolio Turnover Rate
<b>Class A Shares</b>								
Year ended 3-31-2021	\$ 26.18	61.22%	\$ 359	1.19%	1.36%	1.20%	1.35%	60%
Year ended 3-31-2020	16.79	-18.67	251	1.21	1.68	—	—	68
Year ended 3-31-2019	22.61	3.69	354	1.21	1.21	—	—	51
Year ended 3-31-2018	23.27	6.13	398	1.23 <sup>(5)</sup>	0.65	—	—	72
Year ended 3-31-2017	22.69	17.76	103	1.33	0.99	—	—	53
<b>Class B Shares<sup>(4)</sup></b>								
Year ended 3-31-2021	23.70	59.47	1	2.31	0.37	2.46	0.22	60
Year ended 3-31-2020	15.25	-19.56	1	2.35	0.60	—	—	68
Year ended 3-31-2019	20.77	2.60	2	2.22	0.32	—	—	51
Year ended 3-31-2018	21.53	5.12	3	2.25 <sup>(6)</sup>	0.26	—	—	72
Year ended 3-31-2017	21.12	16.57	3	2.36	—	—	—	53
<b>Class C Shares</b>								
Year ended 3-31-2021	24.95	59.94	7	1.99	0.65	—	—	60
Year ended 3-31-2020	16.02	-19.29	8	1.99	0.94	—	—	68
Year ended 3-31-2019	21.69	2.94	14	1.94	0.59	—	—	51
Year ended 3-31-2018	22.40	5.41	18	1.95 <sup>(7)</sup>	0.68	—	—	72
Year ended 3-31-2017	21.92	17.02	20	1.97	0.39	—	—	53
<b>Class I Shares</b>								
Year ended 3-31-2021	26.31	61.66	829	0.91	1.62	0.92	1.61	60
Year ended 3-31-2020	16.88	-18.40	522	0.92	1.94	0.92	1.94	68
Year ended 3-31-2019	22.72	3.95	579	0.91	1.51	—	—	51
Year ended 3-31-2018	23.38	6.45	600	0.94 <sup>(8)</sup>	1.01	—	—	72
Year ended 3-31-2017	22.80	18.18	186	0.97	1.44	—	—	53
<b>Class N Shares</b>								
Year ended 3-31-2021	26.40	61.93	146	0.76	1.81	—	—	60
Year ended 3-31-2020	16.94	-18.29	113	0.77	2.13	—	—	68
Year ended 3-31-2019	22.80	4.15	140	0.76	1.72	—	—	51
Year ended 3-31-2018	23.45	6.65	149	0.78 <sup>(9)</sup>	1.72	—	—	72
Year ended 3-31-2017	22.86	18.32	9	0.82	1.55	—	—	53
<b>Class R Shares</b>								
Year ended 3-31-2021	26.11	60.59	—*	1.57	0.96	—	—	60
Year ended 3-31-2020	16.74	-18.94	—*	1.55	1.34	—	—	68
Year ended 3-31-2019	22.56	3.35	—*	1.52	0.95	—	—	51
Year ended 3-31-2018	23.22	5.85	—*	1.53 <sup>(10)</sup>	1.13	—	—	72
Year ended 3-31-2017	22.66	17.45	—*	1.57	0.80	—	—	53
<b>Class Y Shares</b>								
Year ended 3-31-2021	26.14	61.18	—*	1.18	1.61	—	—	60
Year ended 3-31-2020	16.77	-18.89	—*	1.19	1.93	—	—	68
Year ended 3-31-2019	22.65	3.76	—*	1.15	1.37	—	—	51
Year ended 3-31-2018	23.31	6.12	1	1.22 <sup>(11)</sup>	1.43	—	—	72
Year ended 3-31-2017	22.73	17.81	1	1.21	1.24	—	—	53

See Accompanying Notes to Financial Statements.

[Table of Contents](#)**NOTES TO FINANCIAL STATEMENTS**

IVY Funds

MARCH 31, 2021

**1. ORGANIZATION**

Ivy Funds, a Delaware statutory trust (the "Trust"), is registered under the Investment Company Act of 1940, as amended (the "1940 Act"), as an open-end management investment company. Ivy Core Equity Fund, Ivy Emerging Markets Equity Fund, Ivy Global Bond Fund, Ivy Global Equity Income Fund, Ivy Global Growth Fund, Ivy Government Money Market Fund, Ivy High Income Fund, Ivy International Core Equity Fund, Ivy Large Cap Growth Fund, Ivy Limited-Term Bond Fund, Ivy Managed International Opportunities Fund, Ivy Mid Cap Growth Fund, Ivy Mid Cap Income Opportunities Fund, Ivy Municipal Bond Fund, Ivy Municipal High Income Fund, Ivy Pzena International Value Fund, Ivy Securian Core Bond Fund, Ivy Small Cap Core Fund, Ivy Small Cap Growth Fund and Ivy Value Fund (each, a "Fund") are 20 series of the Trust and are the only series of the Trust included in these financial statements. The investment objective(s), policies and risk factors of each Fund are described more fully in the Funds' Prospectus and Statement of Additional Information ("SAI"). Each Fund's investment manager during the fiscal year ended March 31, 2021 was Ivy Investment Management Company ("IICO" or the "Manager").

Each Fund offers Class A, Class C and Class N shares. Each Fund (excluding Ivy Mid Cap Income Opportunities Fund) offers Class B shares. The Funds' Class B shares are not available for purchase by new and existing investors. Class B shares will continue to be available for dividend reinvestment and exchanges from Class B shares of another fund within Ivy Funds. Class C shares are not available for direct investment in the Ivy Government Money Market Fund. Class C shares of Ivy Government Money Market Fund will continue to be available for dividend reinvestment and exchanges from Class C shares of another fund within Ivy Funds. Certain Funds may also offer Class E, Class I, Class R and/or Class Y shares. Effective June 19, 2020, Class E shares were liquidated in the Ivy Emerging Markets Equity Fund, Ivy Global Growth Fund, Ivy Managed International Opportunities Fund, Ivy Mid Cap Income Opportunities Fund, Ivy Small Cap Core Fund and Ivy Value Fund. Effective June 19, 2020, Class T shares were liquidated in the Ivy Emerging Markets Equity Fund, Ivy High Income Fund, Ivy International Core Equity Fund, Ivy Small Cap Core Fund and Ivy Small Cap Growth Fund. Class A and Class E shares are sold at their offering price, which is normally net asset value ("NAV") plus a front-end sales charge. For Class A shares, a 1% contingent deferred sales charge ("CDSC") is only imposed on shares purchased at NAV for \$500,000 or more that are subsequently redeemed within 12 months of purchase. For Class E shares, a 1% CDSC is only imposed on shares purchased at NAV for \$250,000 or more that are subsequently redeemed within 12 months of purchase. Class B and Class C shares are sold without a front-end sales charge, but may be subject to a CDSC. Class I, Class N, Class R and Class Y shares are sold without either a front-end sales charge or a CDSC. All classes of shares have identical rights and voting privileges with respect to the Fund in general and exclusive voting rights on matters that affect that class alone. Net investment income, net assets and NAV per share may differ due to each class having its own expenses, such as transfer agent and shareholder servicing fees, directly attributable to that class. Class A, B, C, E, R and Y have a distribution and service plan. Class I shares and Class N shares are not included in the plan. With certain exceptions described in the Prospectus, Class B shares will automatically convert to Class A shares 96 months after the date of purchase. With certain exceptions described in the Prospectus, Class C shares will automatically convert to Class A shares 96 months after the date of purchase.

**2. SIGNIFICANT ACCOUNTING POLICIES**

The following is a summary of significant accounting policies consistently followed by each Fund.

**Security Transactions and Related Investment Income.** Security transactions are accounted for on the trade date (date the order to buy or sell is executed). Realized gains and losses are calculated on the identified cost basis. Interest income is recorded on the accrual basis and includes paydown gain (loss) and accretion of discounts and amortization of premiums. Dividend income is recorded on the ex-dividend date, except certain dividends from foreign securities where the ex-dividend date may have passed, which are recorded as soon as the Fund is informed of the ex-dividend date. All or a portion of the distributions received from a real estate investment trust or publicly traded partnership may be designated as a reduction of cost of the related investment or realized gain. The financial statements reflect an estimate of the reclassification of the distribution character.

**Foreign Currency Translation.** Each Fund's accounting records are maintained in U.S. dollars. All assets and liabilities denominated in foreign currencies are translated into U.S. dollars daily, using foreign exchange rates obtained from an independent pricing service approved by the Board of Trustees of the Trust (the "Board"). Purchases and sales of investment securities and accruals of income and expenses are translated at the rate of exchange prevailing on the date of the transaction. For assets and liabilities other than investments in securities, net realized and unrealized gains and losses from foreign currency translation arise from changes in currency exchange rates. Each Fund combines fluctuations from currency exchange rates and fluctuations in value when computing net realized gain (loss) and net change in unrealized appreciation (depreciation) on investments. Foreign exchange rates are typically valued as of the close of the New York Stock Exchange ("NYSE"), normally 4:00 P.M. Eastern time, on each day the NYSE is open for trading.

**Allocation of Income, Expenses, Gains and Losses.** Income, expenses (other than those attributable to a specific class), gains and losses are allocated on a daily basis to each class of shares based upon the relative proportion of net assets represented by such class. Operating expenses directly attributable to a specific class are charged against the operations of that class.

[Table of Contents](#)

**Income Taxes.** It is the policy of each Fund to distribute all of its taxable income and capital gains to its shareholders and to otherwise qualify as a regulated investment company under Subchapter M of the Internal Revenue Code. In addition, each Fund intends to pay distributions as required to avoid imposition of excise tax. Accordingly, no provision has been made for Federal income taxes. The Funds file income tax returns in U.S. federal and applicable state jurisdictions. The Funds' tax returns are subject to examination by the relevant taxing authority until expiration of the applicable statute of limitations, which is generally three years after the filing of the tax returns. Management of the Trust periodically reviews all tax positions to assess whether it is more likely than not that the position would be sustained upon examination by the relevant tax authority based on the technical merits of each position. As of the date of these financial statements, management believes that no liability for unrecognized tax positions is required.

**Dividends and Distributions to Shareholders.** Dividends and distributions to shareholders are recorded by each Fund on the business day following record date. Net investment income dividends and capital gains distributions are determined in accordance with income tax regulations, which may differ from accounting principles generally accepted in the United States of America ("U.S. GAAP"). If the total dividends and distributions made in any tax year exceed net investment income and accumulated realized capital gains, a portion of the total distribution may be treated as a return of capital for tax purposes.

**Segregation and Collateralization.** In cases in which the 1940 Act and the interpretive positions of the Securities and Exchange Commission ("SEC"), the Dodd Frank Wall Street Reform and Consumer Protection Act, or the interpretive rules and regulations of the U.S. Commodities Futures Trading Commission require that a Fund either deliver collateral or segregate assets in connection with certain investments (e.g., dollar rolls, financial futures contracts, foreign currency exchange contracts, options written, securities with extended settlement periods, and swaps), the Fund will segregate collateral or designate on its books and records, cash or other liquid securities having a value at least equal to the amount that is required to be physically segregated for the benefit of the counterparty. Furthermore, based on requirements and agreements with certain exchanges and third party broker-dealers, each party has requirements to deliver/deposit cash or securities as collateral for certain investments. Certain countries require that cash reserves be held while investing in companies incorporated in that country. These cash reserves and cash collateral that has been pledged to cover obligations of the Funds under derivative contracts, if any, will be reported separately on the Statements of Assets and Liabilities as "Restricted cash". Securities collateral pledged for the same purpose, if any, is noted on the Schedule of Investments.

**Concentration of Market and Credit Risk.** In the normal course of business, the Funds invest in securities and enter into transactions where risks exist due to fluctuations in the market (market risk) or failure of the issuer of a security to meet all its obligations (issuer credit risk). The value of securities held by the Funds may decline in response to certain events, including those directly involving the issuers whose securities are owned by the Funds; conditions affecting the general economy; overall market changes; local, regional or global political, social or economic instability; and currency and interest rate and price fluctuations. Similar to issuer credit risk, the Funds may be exposed to counterparty credit risk, or the risk that an entity with which the Funds have unsettled or open transactions may fail to or be unable to perform on its commitments. The Funds manage counterparty credit risk by entering into transactions only with counterparties that they believe have the financial resources to honor their obligations and by monitoring the financial stability of those counterparties. Financial assets, which potentially expose the Funds to market, issuer and counterparty credit risks, consist principally of financial instruments and receivables due from counterparties. The extent of the Funds' exposure to market, issuer and counterparty credit risks with respect to these financial assets is generally approximated by their value recorded on the Funds' Statements of Assets and Liabilities, less any collateral held by the Funds.

Certain Funds may hold high-yield or non-investment-grade bonds, that may be subject to a greater degree of credit risk. Credit risk relates to the ability of the issuer to meet interest or principal payments or both as they become due. The Funds may acquire securities in default and are not obligated to dispose of securities whose issuers subsequently default.

Certain Funds may enter into financial instrument transactions (such as swaps, futures, options and other derivatives) that may have off-balance sheet market risk. Off-balance sheet market risk exists when the maximum potential loss on a particular financial instrument is greater than the value of such financial instrument, as reflected on the Statements of Assets and Liabilities.

If a Fund invests directly in foreign currencies or in securities that trade in, and receive revenues in, foreign currencies, or in financial derivatives that provide exposure to foreign currencies, it will be subject to the risk that those currencies will decline in value relative to the base currency of the Fund, or, in the case of hedging positions, that the Fund's base currency will decline in value relative to the currency being hedged. Currency rates in foreign countries may fluctuate significantly over short periods of time for a number of reasons, including changes in interest rates, intervention (or the failure to intervene) by U.S. or foreign governments, central banks or supranational entities such as the International Monetary Fund, or by the imposition of currency controls or other political developments in the United States or abroad.

The London Interbank Offered Rate "LIBOR" is an indicative measure of the average interest rate at which major global banks could borrow from one another. LIBOR is quoted in multiple currencies and multiple time frames using data reported by private-sector banks. LIBOR is used extensively in the United States and globally as a "benchmark" or "reference rate" for

[Table of Contents](#)

various commercial and financial contracts, including corporate and municipal bonds and loans, floating rate mortgages, asset-backed securities, consumer loans, and interest rate swaps and other derivatives.

It is expected that a number of private-sector banks currently reporting information used to set LIBOR will stop doing so after 2021 when their current reporting commitment ends, which could either cause LIBOR to stop publication immediately or cause LIBOR's regulator to determine that its quality has degraded to the degree that it is no longer representative of its underlying market.

Management believes that, with respect to any significant investments by the Funds in instruments linked to LIBOR, the impact on investments and discontinuation of LIBOR may represent a significant risk.

However, management acknowledges that the anticipated transition away from LIBOR will occur after 2021 and certain of the current investments will mature prior to that time. Furthermore, the ways in which LIBOR's discontinuation potentially could impact the Funds' investments is not fully known. The extent of that impact may vary depending on various factors, which include, but are not limited to: (i) existing fallback or termination provisions in individual contracts and (ii) whether, how, and when industry participants develop and adopt new successor reference rates and/or fallbacks for both legacy and new instruments.

In addition, the transition to a successor rate could potentially cause (i) increased volatility or illiquidity in markets for instruments that currently rely on LIBOR, (ii) a reduction in the value of certain instruments held by a Fund, or (iii) reduced effectiveness of related Fund transactions, such as hedging.

As the impacts of the transition become clearer during the next year, management will be evaluating the impacts of these changes.

An outbreak of infectious respiratory illness caused by a novel coronavirus known as COVID-19 was first detected in China in December 2019 and has now been detected globally. This coronavirus has resulted in travel restrictions, closed international borders, enhanced health screenings at ports of entry and elsewhere, disruption of and delays in healthcare service preparation and delivery, prolonged quarantines, cancellations, supply chain disruptions, and lower consumer demand, as well as general concern and uncertainty. The impact of COVID-19, and other infectious illness outbreaks that may arise in the future, could adversely affect the economies of many nations or the entire global economy, individual issuers and capital markets in ways that cannot necessarily be foreseen. In addition, the impact of infectious illnesses in emerging market countries may be greater due to generally less established healthcare systems. Public health crises caused by the COVID-19 outbreak may exacerbate other pre-existing political, social and economic risks in certain countries or globally. The duration of the COVID-19 outbreak and its effects cannot be determined with certainty.

**Inflation-Indexed Bonds.** Certain Funds may invest in inflation-indexed bonds. Inflation-indexed bonds are fixed-income securities whose principal value is periodically adjusted to the rate of inflation. The interest rate on these bonds is generally fixed at issuance at a rate lower than typical bonds. Over the life of an inflation-indexed bond, however, interest will be paid based on a principal value, which is adjusted for inflation. Any increase or decrease in the principal amount of an inflation-indexed bond will be included as interest income on the Statements of Operations, even though investors do not receive their principal until maturity.

**Interest Only Obligations.** These securities entitle the owner to receive only the interest portion from a bond, Treasury note or pool of mortgages. These securities are generally created by a third party separating a bond or pool of mortgages into distinct interest-only and principal-only securities. As the principal (par) amount of a bond or pool of mortgages is paid down, the amount of interest income earned by the owner will decline as well.

**Loans.** Certain Funds may invest in loans, the interest rates of which float or adjust periodically based upon a specified adjustment schedule, benchmark indicator, or prevailing interest rates, the debtor of which may be a domestic or foreign corporation, partnership or other entity ("Borrower"). Loans generally pay interest at rates which are periodically redetermined by reference to a base lending rate plus a premium. These base lending rates generally include prime rates of one or more major U.S. banks, the LIBOR or certificates of deposit rates. Loans often require prepayments from excess cash flow or permit the Borrower to repay at its election. The degree to which Borrowers repay cannot be predicted with accuracy. As a result, the actual maturity may be substantially less than the stated maturities. Loans are exempt from registration under the Securities Act of 1933, as amended, may contain certain restrictions on resale, and cannot be sold publicly. A Fund's investments in loans may be in the form of participations in loans or assignments of all or a portion of loans from third parties.

When a Fund purchases assignments, it acquires all the rights and obligations under the loan agreement of the assigning lender. Assignments may, however, be arranged through private negotiations between potential assignees and potential assignors, and the rights and obligations acquired by the purchaser of an assignment may differ from, and be more limited than those held by the assigning lender. When a Fund purchases a participation of a loan interest, the Fund typically enters into a contractual agreement with the lender or other third party selling the participation. A participation interest in loans includes the right to receive payments of principal, interest and any fees to which it is entitled from the lender and only

[Table of Contents](#)

upon receipt by the lender of payments from the Borrower, but not from the Borrower directly. When investing in a participation interest, if a Borrower is unable to meet its obligations under a loan agreement, a Fund generally has no direct right to enforce compliance with the terms of the loan agreement. As a result, the Fund assumes the credit risk of the Borrower, the selling participant, and any other persons that are interpositioned between the Fund and the Borrower. If the lead lender in a typical lending syndicate becomes insolvent, enters Federal Deposit Insurance Corporation (“FDIC”) receivership or, if not FDIC insured, enters into bankruptcy, the Fund may incur certain costs and delays in receiving payment or may suffer a loss of principal and interest.

**Payment In-Kind Securities.** Certain Funds may invest in payment in-kind securities (“PIKs”). PIKs give the issuer the option at each interest payment date of making interest payments in cash or in additional debt securities. Those additional debt securities usually have the same terms, including maturity dates and interest rates, and associated risks as the original bonds. The daily market quotations of the original bonds may include the accrued interest (referred to as a dirty price) and require a pro-rata adjustment from the unrealized appreciation or depreciation on investments to interest receivable on the Statements of Assets and Liabilities.

**Securities on a When-Issued or Delayed Delivery Basis.** Certain Funds may purchase securities on a “when-issued” basis, and may purchase or sell securities on a “delayed delivery” basis. “When-issued” or “delayed delivery” refers to securities whose terms and indenture are available and for which a market exists, but which are not available for immediate delivery. Delivery and payment for securities that have been purchased by a Fund on a when-issued basis normally take place within six months and possibly as long as two years or more after the trade date. During this period, such securities do not earn interest, are subject to market fluctuation and may increase or decrease in value prior to their delivery. The purchase of securities on a when-issued basis may increase the volatility of a Fund’s NAV to the extent the Fund executes such transactions while remaining substantially fully invested. When a Fund engages in when-issued or delayed delivery transactions, it relies on the buyer or seller, as the case may be, to complete the transaction. Their failure to do so may cause the Fund to lose the opportunity to obtain or dispose of the security at a price and yield IICO, or the Fund’s investment subadviser, as applicable, consider advantageous. The Fund maintains internally designated assets with a value equal to or greater than the amount of its purchase commitments. The Fund may also sell securities that it purchased on a when-issued or delayed delivery basis prior to settlement of the original purchase.

**Custodian Fees.** “Custodian fees” on the Statements of Operations may include interest expense incurred by a Fund on any cash overdrafts of its custodian account during the period. Such cash overdrafts may result from the effects of failed trades in portfolio securities and from cash outflows resulting from unanticipated shareholder redemption activity. A Fund pays interest to its custodian on such cash overdrafts, to the extent they are not offset by positive cash balances maintained by that Fund. The “Earnings credit” line item, if shown, represents earnings on cash balances maintained by that Fund during the period. Such interest expense and other custodian fees may be paid with these earnings.

**Indemnification.** The Trust’s organizational documents provide current and former Trustees and Officers with a limited indemnification against liabilities arising in connection with the performance of their duties to the Trust. In the normal course of business, the Trust may also enter into contracts that provide general indemnification. The Trust’s maximum exposure under these arrangements is unknown and is dependent on future claims that may be made against the Trust. The risk of material loss from such claims is considered remote.

**Basis of Preparation.** Each Fund is an investment company and follows accounting and reporting guidance in the Financial Accounting Standards Board (“FASB”) Accounting Standards Codification Topic 946 (“ASC 946”). The accompanying financial statements were prepared in accordance with U.S. GAAP, including but not limited to ASC 946. U.S. GAAP requires the use of estimates made by management. Management believes that estimates and valuations are appropriate; however, actual results may differ from those estimates, and the valuations reflected in the accompanying financial statements may differ from the value ultimately realized upon sale or maturity.

**Subsequent Events.** On December 2, 2020, Waddell & Reed Financial, Inc. (“WDR”), the parent company of Ivy Investment Management Company, the investment adviser of the Ivy Funds Complex (the “Ivy Funds”), and Macquarie Management Holdings, Inc., the U.S. holding company for Macquarie Group Limited’s U.S. asset management business (“Macquarie”), announced that they had entered into an agreement whereby Macquarie would acquire the investment management business of WDR (the “Transaction”). The Transaction closed on April 30, 2021. The Ivy Funds, as part of Delaware Funds by Macquarie, are now managed by Delaware Management Company (“DMC”), a series of Macquarie Investment Management Business Trust, and distributed by Delaware Distributors, L.P.

### 3. INVESTMENT VALUATION AND FAIR VALUE MEASUREMENTS

Each Fund’s investments are reported at fair value. Fair value is defined as the price that each Fund would receive upon selling an asset or would pay upon satisfying a liability in an orderly transaction between market participants at the measurement date. Each Fund calculates the NAV of its shares as of the close of the NYSE, normally 4:00 P.M. Eastern time, on each day the NYSE is open for trading.

[Table of Contents](#)

For purposes of calculating the NAV, the portfolio securities and financial instruments are valued on each business day using pricing and valuation methods as adopted by the Board. Where market quotes are readily available, fair value is generally determined on the basis of the last reported sales price, or if no sales are reported, based on quotes obtained from a quotation reporting system, established market makers, or pricing services.

Prices for fixed-income securities are typically based on quotes that are obtained from an independent pricing service approved by the Board. To determine values of fixed-income securities, the independent pricing service utilizes such factors as current quotations by broker/dealers, coupon, maturity, quality, type of issue, trading characteristics, and other yield and risk factors it deems relevant in determining valuations. Securities that cannot be valued by the independent pricing service may be valued using quotes obtained from dealers that make markets in the securities.

Investments in Ivy Government Money Market Fund are valued on the basis of amortized cost (which approximates value), whereby a portfolio security is valued at its cost initially, and thereafter valued to reflect a constant amortization to maturity of any discount or premium. Short-term securities with maturities of 60 days or less held in all Funds (with the exception of Ivy Government Money Market Fund) are valued based on quotes that are obtained from an independent pricing service approved by the Board as described in the preceding paragraph above.

Because many foreign markets close before the NYSE, events may occur between the close of the foreign market and the close of the NYSE that could have a material impact on the valuation of foreign securities. Waddell & Reed Services Company ("WRSCO"), pursuant to procedures adopted by the Board, evaluates the impact of these events and may adjust the valuation of foreign securities to reflect the fair value as of the close of the NYSE. In addition, all securities for which values are not readily available or are deemed unreliable are appraised at fair value as determined in good faith under the supervision of the Board.

Where market quotes are not readily available, portfolio securities or financial instruments are valued at fair value, as determined in good faith by the Board or Valuation Committee pursuant to procedures approved by the Board.

Market quotes are considered not readily available in circumstances where there is an absence of current or reliable market-based data (e.g., trade information or broker quotes), including where events occur after the close of the relevant market, but prior to the NYSE close, that materially affect the values of a Fund's securities or financial instruments. In addition, market quotes are considered not readily available when, due to extraordinary circumstances, the exchanges or markets on which the securities trade do not open for trading for the entire day and no other market prices are available.

The Board has delegated to WRSCO the responsibility for monitoring significant events that may materially affect the values of a Fund's securities or financial instruments and for determining whether the value of the applicable securities or financial instruments should be re-evaluated in light of such significant events. IICO, pursuant to authority delegated by the Board, has established a Valuation Committee to administer and oversee the valuation process, including the use of third party pricing vendors.

The Board has adopted methods for valuing securities and financial instruments in circumstances where market quotes are not readily available. For instances in which daily market quotes are not readily available, investments may be valued, pursuant to procedures established by the Board, with reference to other securities or indices. In the event that the security or financial instrument cannot be valued pursuant to one of the valuation methods established by the Board, the value of the security or financial instrument will be determined in good faith by the Valuation Committee in accordance with the procedures adopted by the Board.

When a Fund uses these fair valuation methods applied by WRSCO that use significant unobservable inputs to determine its NAV, securities will be priced by a method that the Board or persons acting at its direction believe accurately reflects fair value and are categorized as Level 3 of the fair value hierarchy. These methods may require subjective determinations about the value of a security. The prices used by a Fund may differ from the value that will ultimately be realized at the time the securities are sold.

WRSCO is responsible for monitoring the implementation of the pricing and valuation policies through a series of activities to provide reasonable comfort of the accuracy of prices including: 1) periodic vendor due diligence meetings to review methodologies, new developments, and process at vendors, 2) daily and monthly multi-source pricing comparisons reviewed and submitted to the Valuation Committee, and 3) daily review of unpriced, stale, and variance reports with exceptions reviewed by management and the Valuation Committee.

Accounting standards establish a framework for measuring fair value and a three-level hierarchy for fair value measurements based upon the transparency of inputs to the valuation of an asset or liability. Inputs may be observable or unobservable and refer broadly to the assumptions that market participants would use in pricing the asset or liability. Observable inputs reflect the assumptions market participants would use in pricing the asset or liability based on market data obtained from sources independent of the reporting entity. Unobservable inputs reflect the reporting entity's own assumptions about the factors that market participants would use in pricing the asset or liability developed based on the best information available in the circumstances.

[Table of Contents](#)

An individual investment's fair value measurement is assigned a level based upon the observability of the inputs which are significant to the overall valuation.

The three-tier hierarchy of inputs is summarized as follows:

- Level 1 – Observable inputs such as quoted prices, available in active markets, for identical assets or liabilities.
- Level 2 – Significant other observable inputs, which may include, but are not limited to, quoted prices for similar assets or liabilities in markets that are active, quoted prices for identical or similar assets or liabilities in markets that are not active, inputs other than quoted prices that are observable for the assets or liabilities (such as interest rates, yield curves, volatilities, prepayment speeds, loss severities, credit risks and default rates) or other market corroborated inputs.
- Level 3 – Significant unobservable inputs based on the best information available in the circumstances, to the extent observable inputs are not available, which may include assumptions made by the Board or persons acting at its direction that are used in determining the fair value of investments.

A description of the valuation techniques applied to the Funds' major classes of assets and liabilities measured at fair value on a recurring basis follows:

**Asset-Backed Securities and Mortgage-Backed Securities.** The fair value of asset-backed securities and mortgage-backed securities are estimated using recently executed transactions and based on models that consider the estimated cash flows of each debt tranche of the issuer, establish a benchmark yield, and develop an estimated tranche specific spread to the benchmark yield based on the unique attributes of the tranche including, but not limited to, the prepayment speed assumptions and attributes of the collateral. To the extent the inputs are observable and timely, the values would be categorized in Level 2 of the fair value hierarchy, and otherwise they would be categorized as Level 3.

**Bullion.** The fair value of bullion is at the last settlement price at the end of each day on the board of trade or exchange upon which they are traded and are categorized in Level 1 of the fair value hierarchy.

**Corporate Bonds.** The fair value of corporate bonds, as obtained from an independent pricing service, is estimated using various techniques, which consider recently executed transactions in securities of the issuer or comparable issuers, market price quotations (where observable), bond spreads, fundamental data relating to the issuer, and credit default swap spreads adjusted for any basis difference between cash and derivative instruments. While most corporate bonds are categorized in Level 2 of the fair value hierarchy, in instances where lower relative weight is placed on transaction prices, quotations, or similar observable inputs, they are categorized in Level 3 of the fair value hierarchy.

**Derivative Instruments.** Forward foreign currency contracts are valued based upon the closing prices of the forward currency rates determined at the close of the NYSE, which are provided by an independent pricing service. Swaps derive their value from underlying asset prices, indices, reference rates and other inputs or a combination of these factors. Swaps are valued by an independent pricing service unless the price is unavailable, in which case they are valued at the price provided by a dealer in that security. Exchange-traded futures contracts are generally valued at the settlement price. Listed options are ordinarily valued at the mean of the last bid and ask price provided by an independent pricing service unless the price is unavailable, in which case they are valued at a quotation obtained from a broker-dealer. Over-the-counter ("OTC") options are ordinarily valued at the mean of the last bid and ask price for a comparable listed option provided by an independent pricing service unless such a price is unavailable, in which case they are valued at a quotation obtained from a broker-dealer.

Listed derivatives that are actively traded are valued based on quoted prices from the exchange and are categorized in Level 1 of the fair value hierarchy. OTC derivative contracts include forward foreign currency contracts, swap agreements, and option contracts related to interest rates, foreign currencies, credit standing of reference entities, equity prices, or commodity prices. Depending on the product and the terms of the transaction, the fair value of the OTC derivative products are modeled taking into account the counterparties' creditworthiness and using a series of techniques, including simulation models. Many pricing models do not entail material subjectivity because the methodologies employed do not necessitate significant judgments and the pricing inputs are observed from actively quoted markets, as is the case with interest rate swap and option contracts. OTC derivative products valued using pricing models with significant observable inputs are categorized within Level 2 of the fair value hierarchy.

**Equity Securities.** Equity securities traded on U.S. or foreign securities exchanges or included in a national market system are valued at the official closing price at the close of each business day unless otherwise stated below. OTC equity securities and listed securities for which no price is readily available are valued at the average of the last bid and ask prices.

Mutual funds, including investment funds, typically are valued at the NAV reported as of the valuation date.

Securities that are stated at the last reported sales price or closing price on the day of valuation taken from the primary exchange where the security is principally traded and to the extent these securities are actively traded and valuation adjustments are not applied, they are categorized in Level 1 of the fair value hierarchy.

[Table of Contents](#)

Foreign securities, for which the primary trading market closes at the same time or after the NYSE, are valued based on quotations from the primary market in which they are traded and categorized in Level 1. Because many foreign securities markets and exchanges close prior to the close of the NYSE, closing prices for foreign securities in those markets or on those exchanges do not reflect the events that occur after that close. Certain foreign securities may be fair valued using a pricing service that considers the correlation of the trading patterns of the foreign security to the intra-day trading in the U.S. markets for investments such as American Depositary Receipts, financial futures, exchange-traded funds, and the movement of certain indices of securities based on a statistical analysis of their historical relationship; such valuations generally are categorized in Level 2.

Preferred stock, repurchase agreements, and other equities traded on inactive markets or valued by reference to similar instruments are also generally categorized in Level 2.

**Loans.** Loans are valued using a price or composite price from one or more brokers or dealers as obtained from an independent pricing service. The fair value of loans is estimated using recently executed transactions, market price quotations, credit/market events, and cross-asset pricing. Inputs are generally observable market inputs obtained from independent sources. Loans are generally categorized in Level 2 of the fair value hierarchy, unless key inputs are unobservable in which case they would be categorized as Level 3.

**Municipal Bonds.** Municipal bonds are fair valued based on pricing models used by and obtained from an independent pricing service that take into account, among other factors, information received from market makers and broker-dealers, current trades, bid-wants lists, offerings, market movements, the callability of the bond, state of issuance, benchmark yield curves, and bond insurance. To the extent that these inputs are observable and timely, the fair values of municipal bonds would be categorized as Level 2; otherwise the fair values would be categorized as Level 3.

**Restricted Securities.** Restricted securities that are deemed to be Rule 144A securities and illiquid, as well as restricted securities held in non-public entities, are included in Level 3 of the fair value hierarchy to the extent that significant inputs to valuation are unobservable, because they trade infrequently, if at all and, therefore, the inputs are unobservable. Restricted securities that are valued at a discount to similar publicly traded securities may be categorized as Level 2 of the fair value hierarchy to the extent that the discount is considered to be insignificant to the fair value measurement in its entirety; otherwise they may be categorized as Level 3.

**U.S. Government and Agency Securities.** U.S. government and agency securities are normally valued using a model that incorporates market observable data such as reported sales of similar securities, broker quotes, yields, bids, offers, quoted market prices, and reference data. Accordingly, U.S. government and agency securities are normally categorized in Level 2 of the fair value hierarchy depending on the liquidity and transparency of the market.

Transfers from Level 2 to Level 3 occurred primarily due to the lack of observable market data due to decreased market activity or information for these securities. Transfers from Level 3 to Level 2 occurred primarily due to the increased availability of observable market data due to increased market activity or information.

For fair valuations using unobservable inputs, U.S. GAAP requires a reconciliation of the beginning to ending balances for reported fair values that presents changes attributable to total realized and unrealized gains or losses, purchases and sales, and transfers in or out of the Level 3 category during the period. In accordance with the requirements of U.S. GAAP, a fair value hierarchy and Level 3 reconciliation, if any, have been included in the Notes to the Schedule of Investments for each respective Fund.

Net realized gain (loss) and net unrealized appreciation (depreciation), shown on the reconciliation of Level 3 investments, if applicable, are included on the Statements of Operations in net realized gain (loss) on investments in unaffiliated and/or affiliated securities and in net change in unrealized appreciation (depreciation) on investments in unaffiliated and/or affiliated securities, respectively.

#### 4. DERIVATIVE INSTRUMENTS (\$ amounts in thousands unless indicated otherwise)

The following disclosures contain information on why and how the Funds use derivative instruments, the associated risks of investing in derivative instruments, and how derivative instruments affect the Funds' financial positions and results of operations.

**Forward Foreign Currency Contracts.** Certain Funds are authorized to enter into forward foreign currency contracts ("forward contracts") for the purchase or sale of a foreign currency at a negotiated rate at a future date. Forward contracts are reported on a schedule following the Schedule of Investments. Forward contracts are valued daily based upon the closing prices of the forward currency rates provided by an independent pricing service determined at the close of the NYSE. The resulting unrealized appreciation and depreciation is reported on the Statements of Assets and Liabilities as a receivable or payable and on the Statements of Operations within the change in unrealized appreciation (depreciation). At contract close, the difference between the original cost of the contract and the value at the close date is recorded as a realized gain (loss) on the Statements of Operations.

[Table of Contents](#)

Risks to a Fund related to the use of such contracts include both market and credit risk. Market risk is the risk that the value of the forward contract will depreciate due to unfavorable changes in the exchange rates. Credit risk arises from the possibility that the counterparty will default. If the counterparty defaults, a Fund's maximum loss will consist of the aggregate unrealized gain on appreciated contracts that is not collateralized.

Ivy High Income Fund and Ivy International Core Equity Fund enter into forward foreign currency exchange contracts as an economic hedge against either specific transactions or portfolio instruments or to obtain exposure to, or hedge exposure away from foreign currencies (foreign currency exchange rate risk).

**Futures Contracts.** Certain Funds are authorized to engage in buying and selling futures contracts. Upon entering into a futures contract, a Fund is required to deposit, in a segregated account, an amount equal to a varying specified percentage of the contract amount. This amount is known as the initial margin. Subsequent amounts, known as variation margin, are paid or received by the Fund each day, dependent on the daily fluctuations in the value of the underlying debt security or index. Options on futures contracts may also be purchased or sold by a Fund.

Futures contracts are reported on a schedule following the Schedule of Investments. Securities held in collateralized accounts to cover initial margin requirements on open futures contracts are identified on the Schedule of Investments. Cash held by the broker to cover initial margin requirements on open futures contracts and the receivable and/or payable for the daily mark to market for the variation margin are noted on the Statements of Assets and Liabilities. The net change in unrealized appreciation (depreciation) is reported on the Statements of Operations. Realized gains (losses) are reported on the Statements of Operations at the closing or expiration of futures contracts.

Risks of entering into futures contracts include the possibility of loss of securities or cash held as collateral, that there may be an illiquid market where the Fund is unable to close the contract or enter into an offsetting position and, if used for hedging purposes, the risk that the price of the contract will correlate imperfectly with the prices of the Fund's securities.

Ivy Securian Core Bond Fund invests in long and/or short positions in futures contracts to gain exposure to, or economically hedge against, changes in interest rates (interest rate risk).

**Option Contracts.** Options purchased by a Fund are accounted for in the same manner as portfolio securities. The cost of the underlying instruments acquired through the exercise of call options is increased by the premium paid to purchase the call. The proceeds from instruments sold through the exercise of put options are decreased by the premium paid to purchase the put.

When a Fund writes (sells) an option, an amount equal to the premium received by the Fund is recorded as a liability. The amount of the liability is subsequently adjusted to reflect the current value of the option written. When an option expires on its stipulated expiration date or a Fund enters into a closing purchase transaction, the Fund realizes a gain (or loss if the cost of a closing purchase transaction exceeds the premium received when the call option was sold), and the liability related to such option is extinguished. When a written call option is exercised, the premium is added to the proceeds from the sale of the underlying instrument in determining whether a Fund has realized a gain or loss. When a written put is exercised, the cost basis of the instruments purchased by a Fund is reduced by the amount of the premium received.

Investments in options, whether purchased or written, involve certain risks. Writing put options and purchasing call options may increase a Fund's exposure to the underlying instrument. With written options, there may be times when a Fund will be required to purchase or sell instruments to meet its obligation under the option contract where the required action is not beneficial to the Fund, due to unfavorable movement of the market price of the underlying instrument.

Option contracts can be traded on a regulated exchange or traded OTC. Unlike the trades on a regulated exchange where the clearinghouse guarantees the performances of both the buyer and the seller, to the extent a Fund enters into OTC option transactions with counterparties, the Fund will be exposed to the risk that counterparties to these OTC transactions will be unable to meet their obligations under the terms of the transaction.

Ivy Mid Cap Growth Fund, Ivy Small Cap Growth Fund and Ivy Value Fund purchase and write call and put options to increase or decrease hedging exposure to underlying instruments (which include credit risk, equity risk, foreign currency exchange rate risk, event risk and/or interest rate risk), increase exposure to various equity markets or certain sectors, gain exposure to or facilitate trading in certain securities and/or, in the case of options written, to generate returns from options premiums.

**Swap Agreements.** Certain Funds are authorized to invest in swap agreements. Swap agreements are bilaterally negotiated agreements between a Fund and counterparty to exchange or swap investment cash flows, assets, foreign currencies or market-linked returns at specified, future intervals. Swap agreements are privately negotiated in the over-the-counter market ("OTC swaps"). If the OTC swap entered is one of the swaps identified by a relevant regulator as a swap that is required to be cleared, then it will be cleared through a third party, known as a central counterparty or derivatives clearing organization ("centrally cleared swaps").

[Table of Contents](#)

Swaps are marked to market daily and changes in value are recorded as unrealized appreciation (depreciation) on the Statements of Operations. Payments received or made by the Fund are recorded as realized gain or loss on the Statements of Operations. Any upfront premiums paid are recorded as assets and any upfront fees received are recorded as liabilities and are shown as swap premiums paid and swap premiums received, respectively, if any, on the Statements of Assets and Liabilities and amortized over the term of the swap. An early termination payment received or made at an early termination or a final payment made at the maturity of the swap is recorded as realized gain or loss on the Statements of Operations.

After a centrally cleared swap is accepted for clearing, a Fund may be required to deposit initial margin with a Clearing Member in the form of cash or securities. Securities deposited as initial margin, if any, are designated on the Schedule of Investments. Cash deposited as initial margin is identified on the Schedule of Investments and is recorded as restricted cash on the Statements of Assets and Liabilities.

Total return swaps involve a commitment of one party to pay periodic interest payments in exchange for a market-linked return based on a security or a basket of securities including a variety of securities or representing a particular index. To the extent the total return of the security, a basket of securities, or an index exceeds or falls short of the offsetting interest rate obligation, the Fund will receive a payment from or make a payment to the counterparty.

Ivy Small Cap Growth Fund enters into total return swaps to hedge exposure to a security or market.

The creditworthiness of the counterparty with which a Fund enters into a swap agreement is monitored by IICO. If a counterparty creditworthiness declines, the value of the agreement would likely decline, potentially resulting in losses. If a default occurs by the counterparty to such a transaction, the Fund will have contractual remedies pursuant to the agreement related to the transaction. The maximum loss a Fund may incur consists of the aggregate unrealized gain on appreciated contracts that is not collateralized due to facts specific to certain situations (i.e., collateral may not have been posted by the counterparty due to the required collateral amount being less than the pre-agreed thresholds). Additionally, regulatory developments called stay resolutions and the ensuing required contractual amendments to the transactional documentation, including derivatives, permit the relevant regulators to preclude parties to a transaction from terminating trades, among other rights it may have in the trade agreements should a counterparty that it regulates experience financial distress. A relevant regulator also has the authority to reduce the value of certain liabilities owed by the counterparty to a Fund and/or convert cash liabilities of a regulated entity into equity holdings. The power given to the relevant regulators includes the ability to amend transactional agreements unilaterally, modify the maturity of eligible liabilities, reduce the amount of interest payable or change the date on which interest becomes payable, among other powers.

To prevent incurring losses due to the counterparty credit risk, IICO actively monitors the creditworthiness of the counterparties with which it has entered financial transactions. IICO consistently and frequently risk manages the credit risk of the counterparties it faces in transactions.

**Collateral and rights of offset.** A Fund mitigates credit risk with respect to OTC derivative counterparties through credit support annexes (“CSA”) included with an International Swaps and Derivatives Association, Inc. (“ISDA”) Master Agreement which is the standard contract governing all OTC derivative transactions between the Fund and each of its counterparties. Although it is not possible to eliminate credit risk entirely, the CSA allows the Fund and its counterparty to reduce their exposure to the risk of payment default by the other party by holding an amount in collateral equivalent to the realized and unrealized amount of exposure to the counterparty, which is generally held by the Fund’s custodian. An amount of collateral is moved to/from applicable counterparties only if the amount of collateral required to be posted surpasses both the threshold and the minimum transfer amount pre-agreed in the CSA between the Fund and the counterparty. See Note 2 “Segregation and Collateralization” for additional information with respect to collateral practices.

**Offsetting of Assets and Liabilities.** The following tables present financial instruments that are either (1) offset or (2) subject to an enforceable master netting arrangement or similar agreement as of March 31, 2021:

### Assets

Fund	Gross Amounts of Recognized Assets	Gross Amounts Offset on the Statements of Assets and Liabilities	Net Amounts of Assets Presented on the Statements of Assets and Liabilities	Gross Amounts Not Offset on the Statements of Assets and Liabilities			
				Financial Instruments and Derivatives Available for Offset	Non-Cash Collateral Received	Cash Collateral Received	Net Amount Receivable
<b>Ivy High Income Fund</b>							
Unrealized appreciation on forward foreign currency contracts	\$ 253	\$ —	\$ 253	\$ —	\$ —	\$ —	\$ 253

230 ANNUAL REPORT 2021

[Table of Contents](#)**Liabilities**

Fund	Gross Amounts of Recognized Liabilities	Gross Amounts Offset on the Statements of Assets and Liabilities	Net Amounts of Liabilities Presented on the Statements of Assets and Liabilities	Gross Amounts Not Offset on the Statements of Assets and Liabilities			
				Financial Instruments and Derivatives Available for Offset	Non-Cash Collateral Pledged	Cash Collateral Pledged	Net Amount Payable
<b>Ivy Small Cap Growth Fund</b>							
Swap agreements, at value	\$ 13,113	\$ —	\$ 13,113	\$ —	\$ —	\$ (13,113)	\$ —
<b>Ivy Value Fund</b>							
Written options at value	\$ 250	\$ —	\$ 250	\$ —	\$ (250)	\$ —	\$ —

**Additional Disclosure Related to Derivative Instruments**

Fair values of derivative instruments as of March 31, 2021:

Fund	Type of Risk Exposure	Assets		Liabilities	
		Statements of Assets & Liabilities Location	Value	Statements of Assets & Liabilities Location	Value
Ivy High Income Fund	Foreign currency	Unrealized appreciation on forward foreign currency contracts	\$ 253		\$ —
Ivy Securian Core Bond Fund	Interest rate	Unrealized appreciation on futures contracts*	1,944	Unrealized depreciation on futures contracts*	4,072
Ivy Small Cap Growth Fund	Equity		—	Swap agreements, at value	13,113
Ivy Value Fund	Equity		—	Written options at value	563

\* The value presented includes cumulative gain (loss) on open futures contracts; however, the value reflected on the accompanying Statements of Assets and Liabilities is only the unsettled variation margin receivable (payable) as of year ended March 31, 2021.

Amount of realized gain (loss) on derivatives recognized on the Statements of Operations for the year ended March 31, 2021:

Fund	Type of Risk Exposure	Net realized gain (loss) on:					Total
		Investments in unaffiliated securities*	Swap agreements	Futures contracts	Written options	Forward foreign currency contracts	
Ivy International Core Equity Fund	Foreign currency	\$ —	\$ —	\$ —	\$ —	\$ 9,792	\$ 9,792
Ivy Mid Cap Growth Fund	Equity	(44,879)	—	—	21,677	—	(23,202)
Ivy Securian Core Bond Fund	Interest rate	—	—	2,025	—	—	2,025
Ivy Small Cap Growth Fund	Equity	(1,299)	53,435	—	479	—	52,615
Ivy Value Fund	Equity	—	—	—	3,255	—	3,255

\* Purchased options are reported as investments in unaffiliated securities and are reflected on the accompanying Schedule of Investments.

[Table of Contents](#)

Change in unrealized appreciation (depreciation) on derivatives recognized on the Statements of Operations for the year ended March 31, 2021:

Fund	Type of Risk Exposure	Net change in unrealized appreciation (depreciation) on:					Total
		Investments in unaffiliated securities*	Swap agreements	Futures contracts	Written options	Forward foreign currency contracts	
Ivy High Income Fund	Foreign currency	\$ —	\$ —	\$ —	\$ —	\$ 253	\$ 253
Ivy International Core Equity Fund	Foreign currency	—	—	—	—	(3,597)	(3,597)
Ivy Mid Cap Growth Fund	Equity	1,008	—	—	836	—	1,844
Ivy Securian Core Bond Fund	Interest rate	—	—	(8,202)	—	—	(8,202)
Ivy Small Cap Growth Fund	Equity	—	805	—	—	—	805
Ivy Value Fund	Equity	—	—	—	5,699	—	5,699

\* Purchased options are reported as investments in unaffiliated securities and are reflected on the accompanying Schedule of Investments.

During the year ended March 31, 2021, the average derivative volume was as follows:

Fund	Forward foreign currency contracts(1)	Long futures contracts(2)	Short futures contracts(2)	Swap agreements(3)	Purchased options(2)	Written options(2)
Ivy High Income Fund	\$ 19	\$ —	\$ —	\$ —	\$ —	\$ —
Ivy International Core Equity Fund	1,661	—	—	—	—	—
Ivy Mid Cap Growth Fund	—	—	—	—	1,901	5,848
Ivy Securian Core Bond Fund	—	172,102	58,598	—	—	—
Ivy Small Cap Growth Fund	—	—	—	96,256	156	344
Ivy Value Fund	—	—	—	—	—	4,656

(1) Average absolute value of unrealized appreciation/depreciation during the period.

(2) Average value outstanding during the period.

(3) Average notional amount outstanding during the period.

## 5. BASIS FOR CONSOLIDATION OF THE IVY EMERGING MARKETS EQUITY FUND

Ivy EME, Ltd. (the “Subsidiary”), a Cayman Islands exempted company, was incorporated as a wholly owned subsidiary acting as an investment vehicle for the Ivy Emerging Markets Equity Fund (referred to as “the Fund” in this subsection). The Subsidiary acts as an investment vehicle for the Fund, in order to affect certain investments for the Fund consistent with the Fund’s investment objectives and policies as specified in its prospectus and SAI. The Fund’s investment portfolio has been consolidated and includes the portfolio holdings of the Fund and its Subsidiary. The consolidated financial statements include the accounts of the Fund and its Subsidiary. All inter-company transactions and balances have been eliminated. A subscription agreement was entered into between the Fund and its Subsidiary comprising the entire issued share capital of the Subsidiary with the intent that the Fund will remain the sole shareholder and retain all rights. Under the Articles of Association, shares issued by the Subsidiary confer upon a shareholder the right to receive notice of, to attend and to vote at general meetings of the Subsidiary and shall confer upon the shareholder rights in a winding-up or repayment of capital and the right to participate in the profits or assets of the Subsidiary.

See the table below for details regarding the structure, incorporation and relationship as of March 31, 2021 of the Subsidiary to the Fund (amounts in thousands).

Subsidiary	Date of Incorporation	Subscription Agreement	Fund Net Assets	Subsidiary Net Assets	Percentage of Fund Net Assets
Ivy EME, Ltd.	1-31-13	4-10-13	\$ 2,386,496	\$ 326	0.01%

[Table of Contents](#)**6. INVESTMENT MANAGEMENT AND PAYMENTS TO AFFILIATED PERSONS (\$ amounts in thousands unless indicated otherwise)**

**Management Fees.** During the fiscal year ended March 31, 2021, IICO served as each Fund's investment manager. Effective April 30, 2021, DMC serves as each Fund's investment manager. The management fee is accrued daily by each Fund at the following annual rates as a percentage of average daily net assets:

Fund (M - Millions)	\$0 to \$250M	\$250 to \$500M	\$500 to \$1,000M	\$1,000 to \$1,500M	\$1,500 to \$2,000M	\$2,000 to \$3,000M	\$3,000 to \$5,000M	\$5,000 to \$6,000M	\$6,000 to \$10,000M	\$10,000 to \$15,000M	\$15,000 to \$20,000M	Over \$20,000M
Ivy Core Equity Fund	0.700%	0.700%	0.700%	0.650%	0.650%	0.600%	0.550%	0.525%	0.500%	0.490%	0.490%	0.490%
Ivy Emerging Markets Equity Fund	1.000	1.000	0.850	0.830	0.830	0.800	0.760	0.755	0.755	0.750	0.750	0.750
Ivy Global Bond Fund	0.625	0.625	0.600	0.550	0.500	0.500	0.500	0.490	0.490	0.480	0.480	0.480
Ivy Global Equity Income Fund	0.700	0.700	0.700	0.650	0.650	0.600	0.550	0.545	0.545	0.540	0.540	0.540
Ivy Global Growth Fund	0.850	0.850	0.850	0.830	0.830	0.800	0.700	0.695	0.695	0.690	0.690	0.690
Ivy Government Money Market Fund	0.350	0.350	0.350	0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.300
Ivy High Income Fund	0.625	0.625	0.600	0.550	0.500	0.500	0.500	0.500	0.500	0.490	0.490	0.480
Ivy International Core Equity Fund	0.850	0.850	0.850	0.830	0.830	0.800	0.700	0.690	0.690	0.680	0.680	0.680
Ivy Large Cap Growth Fund	0.700	0.700	0.700	0.650	0.650	0.600	0.550	0.545	0.545	0.540	0.540	0.540
Ivy Limited-Term Bond Fund	0.500	0.500	0.450	0.400	0.350	0.350	0.350	0.340	0.340	0.330	0.330	0.330
Ivy Managed International Opportunities Fund	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050
Ivy Mid Cap Growth Fund	0.850	0.850	0.850	0.830	0.830	0.800	0.760	0.730	0.730	0.700	0.670	0.670
Ivy Mid Cap Income Opportunities Fund	0.850	0.850	0.850	0.830	0.830	0.800	0.760	0.730	0.730	0.700	0.670	0.670
Ivy Municipal Bond Fund	0.525	0.525	0.500	0.450	0.400	0.400	0.400	0.395	0.395	0.390	0.385	0.385
Ivy Municipal High Income Fund	0.525	0.525	0.500	0.450	0.400	0.400	0.400	0.395	0.395	0.390	0.385	0.385
Ivy Pzena International Value Fund	1.000	1.000	0.850	0.830	0.830	0.800	0.760	0.730	0.730	0.700	0.700	0.700
Ivy Securian Core Bond Fund	0.525	0.525	0.500	0.450	0.400	0.400	0.400	0.395	0.395	0.390	0.390	0.390
Ivy Small Cap Core Fund	0.850	0.850	0.850	0.830	0.830	0.800	0.760	0.730	0.730	0.720	0.720	0.720
Ivy Small Cap Growth Fund	0.850	0.850	0.850	0.830	0.830	0.800	0.760	0.730	0.730	0.720	0.720	0.720
Ivy Value Fund	0.700	0.700	0.700	0.650	0.650	0.600	0.550	0.545	0.545	0.540	0.540	0.540

For Funds managed solely by IICO, IICO has voluntarily agreed to waive a Fund's management fee on any day that the Fund's net assets are less than \$25 million, subject to IICO's right to change or modify this waiver. See Expense Reimbursements and/or Waivers below for amounts waived during the year ended March 31, 2021.

[Table of Contents](#)

IICO has entered into Subadvisory Agreements with the following entities on behalf of certain Funds:

Under an agreement between IICO and Pzena Investment Management, LLC (“Pzena”), Pzena serves as subadviser to Ivy Pzena International Value Fund. Under an agreement between IICO and Securian Asset Management, Inc. (“Securian AM”), Securian AM serves as subadviser to Ivy Securian Core Bond Fund. Each subadviser makes investment decisions in accordance with the Fund’s investment objectives, policies and restrictions under the supervision of IICO and the oversight of the Board. IICO pays all applicable costs of the subadvisers.

**Independent Trustees and Chief Compliance Officer Fees.** Fees paid to the Independent Trustees can be paid in cash or deferred to a later date, at the election of the Trustees according to the Deferred Fee Agreement entered into between the Trust and the Trustee(s). Each Fund records its portion of the deferred fees as a liability on the Statements of Assets and Liabilities. All fees paid in cash plus any appreciation (depreciation) in the underlying deferred plan are shown on the Statements of Operations. Additionally, fees paid to the Chief Compliance Officer of the Funds are shown on the Statements of Operations.

**Accounting Services Fees.** The Trust has an Accounting and Administrative Services Agreement with WRSCO, doing business as WI Services Company (“WISC”). Under the agreement, WISC acts as the agent in providing bookkeeping and accounting services and assistance to the Trust, including maintenance of Fund records, pricing of Fund shares and preparation of certain shareholder reports. For these services, each Fund, other than Ivy Managed International Opportunities Fund, pays WISC a monthly fee of one-twelfth of the annual fee based on the average net asset levels shown in the following table:

(M - Millions)	\$0 to \$10M	\$10 to \$25M	\$25 to \$50M	\$50 to \$100M	\$100 to \$200M	\$200 to \$350M	\$350 to \$550M	\$550 to \$750M	\$750 to \$1,000M	Over \$1,000M
Annual Fee Rate	\$0.00	\$11.50	\$23.10	\$35.50	\$48.40	\$63.20	\$82.50	\$96.30	\$121.60	\$148.50

In addition, for each class of shares in excess of one, each Fund pays WISC a monthly per-class fee equal to 2.5% of the monthly accounting services base fee.

Under the Accounting and Administrative Services Agreement for the Ivy Managed International Opportunities Fund, the Fund pays WISC a monthly fee of one-twelfth of the annual fee shown in the following table:

(M - Millions)	\$0 to \$10M	\$10 to \$25M	\$25 to \$50M	\$50 to \$100M	\$100 to \$200M	\$200 to \$350M	\$350 to \$550M	\$550 to \$750M	\$750 to \$1,000M	Over \$1,000M
Annual Fee Rate	\$0.000	\$5.748	\$11.550	\$17.748	\$24.198	\$31.602	\$41.250	\$48.150	\$60.798	\$74.250

In addition, for each class of shares in excess of one, the Ivy Managed International Opportunities Fund pays WISC a monthly per-class fee equal to 1.25% of the monthly accounting services base fee.

Each Fund also pays WISC a monthly administrative fee at the annual rate of 0.01%, or one basis point, for the first \$1 billion of net assets with no fee charged for net assets in excess of \$1 billion. This fee is voluntarily waived by WISC until a Fund’s net assets are at least \$10 million and is included in “Accounting services fee” on the Statements of Operations.

**Shareholder Servicing. General.** Under the Shareholder Servicing Agreement between the Trust and WISC, with respect to Class A, Class B, Class C, Class E and Class T shares, for each shareholder account that was in existence at any time during the prior month, each Fund pays a monthly fee that ranges from \$1.5042 to \$1.6958 per account; however, WISC has agreed to reduce that fee if the number of total shareholder accounts within the Complex (InvestEd Portfolios and Ivy Funds) reaches certain levels. Ivy Government Money Market Fund pays a monthly fee of \$1.75 for each shareholder account that was in existence at any time during the prior month plus, for Class A shareholder accounts, \$0.75 for each shareholder check processed in the prior month. Ivy Limited-Term Bond Fund Class A, which also has check writing privileges, pays \$0.75 for each shareholder check processed in the prior month. For Class R shares, each Fund pays a monthly fee equal to one-twelfth of 0.25 of 1% of the average daily net assets of the class for the preceding month. For Class I and Class Y shares, each Fund pays a monthly fee equal to one-twelfth of 0.15 of 1% of the average daily net assets of the class for the preceding month. For Class N shares, each Fund pays WISC a monthly fee equal to one-twelfth of 0.01 of 1% of the average daily net assets of the class for the preceding month. Each Fund also reimburses WISC for certain out-of-pocket costs for all classes.

**Networked accounts.** For certain networked accounts (that is, those accounts whose Fund shares are purchased through certain financial intermediaries), WISC has agreed to reduce its per account fees charged to the Funds to \$0.50 per month per shareholder account. Additional fees may be paid by the Funds to those intermediaries. The Fund will reimburse WISC for such costs if the annual rate of the third-party per account charges for a Fund are less than or equal to \$12.00 per account or an annual fee of 0.14 of 1% that is based on average daily net assets.

**Broker accounts.** Certain broker-dealers that maintain shareholder accounts with each Fund through an omnibus account provide transfer agent and other shareholder-related services that would otherwise be provided by WISC if the individual accounts that comprise the omnibus account were opened by their beneficial owners directly. Each Fund may pay such

[Table of Contents](#)

broker-dealers a per account fee for each open account within the omnibus account (up to \$18.00 per account), or a fixed rate fee (up to an annual fee of 0.20 of 1% that is based on average daily net assets), based on the average daily NAV of the omnibus account (or a combination thereof).

**Distribution and Service Plan. Class A, Class E and Class T Shares.** Under a Distribution and Service Plan adopted by the Trust pursuant to Rule 12b-1 under the 1940 Act (the "Distribution and Service Plan"), each Fund, other than Ivy Government Money Market Fund, may pay a distribution and/or service fee to Ivy Distributors, Inc. ("IDI") for Class A, Class E and Class T shares in an amount not to exceed 0.25% of the Fund's average annual net assets. The fee is to be paid to compensate IDI for amounts it expends in connection with the distribution of the Class A, Class E and Class T shares and/or provision of personal services to Fund shareholders and/or maintenance of shareholder accounts of that class.

**Class B and Class C Shares.** Under the Distribution and Service Plan, each Fund may pay IDI a service fee not to exceed 0.25% and a distribution fee not to exceed 0.75% of the Fund's average annual net assets for Class B and Class C shares to compensate IDI for its services in connection with the distribution of shares of that class and/or provision of personal services to Class B or Class C shareholders and/or maintenance of shareholder accounts of that class.

**Class R Shares.** Under the Distribution and Service Plan, each Fund may pay IDI a fee of up to 0.50%, on an annual basis, of the average daily net assets of the Fund's Class R shares to compensate IDI for, either directly or through third parties, distributing the Class R shares of that Fund, providing personal services to Class R shareholders and/or maintaining Class R shareholder accounts.

**Class Y Shares.** Under the Distribution and Service Plan, each Fund may pay IDI a fee of up to 0.25%, on an annual basis, of the average daily net assets of the Fund's Class Y shares to compensate IDI for, either directly or through third parties, distributing the Class Y shares of that Fund, providing personal services to Class Y shareholders and/or maintaining Class Y shareholder accounts.

**Sales Charges.** As principal underwriter for the Trust's shares, IDI receives sales commissions (which are not an expense of the Trust) for sales of Class A, Class E and Class T shares. A CDSC may be assessed against a shareholder's redemption amount of Class B, Class C or certain Class A and Class E shares and is paid to IDI. During the year ended March 31, 2021, IDI received the following amounts in sales commissions and CDSCs:

	Gross Sales Commissions	CDSC				Commissions Paid(1)
		Class A	Class B	Class C	Class E	
Ivy Core Equity Fund	\$ 1,216	\$ 1	\$ —	\$ 2	\$ —	\$ 915
Ivy Emerging Markets Equity Fund	168	1	—*	3	—	172
Ivy Global Bond Fund	36	—*	—	1	N/A	32
Ivy Global Equity Income Fund	102	—*	—	—*	—	70
Ivy Global Growth Fund	141	1	—	—*	—	108
Ivy Government Money Market Fund	—	1	—	—*	—	—
Ivy High Income Fund	771	6	—	31	—	649
Ivy International Core Equity Fund	142	1	—	4	—	113
Ivy Large Cap Growth Fund	1,457	5	—	9	—	1,183
Ivy Limited-Term Bond Fund	511	32	—	10	—	510
Ivy Managed International Opportunities Fund	33	—*	—	—*	—	25
Ivy Mid Cap Growth Fund	995	2	—	10	—	947
Ivy Mid Cap Income Opportunities Fund	134	—*	N/A	5	—	120
Ivy Municipal Bond Fund	172	3	—	1	N/A	143
Ivy Municipal High Income Fund	269	30	—	4	N/A	234
Ivy Pzena International Value Fund	19	—*	—	—*	N/A	17
Ivy Securian Core Bond Fund	157	5	—*	4	—	128
Ivy Small Cap Core Fund	101	1	—	1	—	79
Ivy Small Cap Growth Fund	608	36	—*	3	—	489
Ivy Value Fund	152	—*	—	1	—	113

\* Not shown due to rounding.

(1) IDI reallocated/paid this portion of the sales charge to financial advisors and selling broker-dealers.

**Expense Reimbursements and/or Waivers.** IICO, the Funds' investment manager, IDI, the Funds' distributor, and/or Waddell & Reed Services Company, doing business as WISC, the Funds' transfer agent, have contractually agreed to reimburse sufficient management fees, 12b-1 fees and/or shareholder servicing fees to cap the total annual ordinary fund operating expenses (which would exclude interest, taxes, brokerage commissions, acquired fund fees and expenses, and

[Table of Contents](#)

extraordinary expenses, if any). Fund and class expense limitations and related waivers/reimbursements for the year ended March 31, 2021 were as follows:

<b>Fund Name</b>	<b>Share Class Name</b>	<b>Type of Expense Limit</b>	<b>Commencement Date</b>	<b>End Date</b>	<b>Expense Limit</b>	<b>Amount of Expense Waiver/Reimbursement</b>	<b>Expense Reduced</b>
<b>Ivy Core Equity Fund</b>	Class A	Contractual	1-11-2013	7-31-2021	1.03%	\$ —	N/A
	Class B	Contractual	10-16-2017	7-31-2021	2.08%	\$ 6	12b-1 Fees and/or Shareholder Servicing
	Class E	Contractual	8-1-2008	7-31-2021	0.99%	\$ 24	12b-1 Fees and/or Shareholder Servicing
	Class I	Contractual	1-11-2013	7-31-2021	0.84%	\$ —	N/A
	Class N	Contractual	8-15-2018	7-31-2021	Not to exceed Class I	\$ —	N/A
	Class Y	Contractual	1-11-2013	7-31-2021	0.84%	\$ 51	12b-1 Fees and/or Shareholder Servicing
	Class Y	Contractual	8-1-2011	7-31-2021	Not to exceed Class A	\$ —	N/A
<b>Ivy Emerging Markets Equity Fund</b>	Class A	Contractual	3-17-2014	7-31-2021	1.56%	\$ —	N/A
	Class B	Contractual	3-17-2014	7-31-2021	2.45%	\$ 1	12b-1 Fees and/or Shareholder Servicing
	Class I	Contractual	3-17-2014	7-31-2021	0.99%	\$ 1,333	Shareholder Servicing
	Class N	Contractual	3-17-2014	7-31-2021	0.99%	\$ —	N/A
	Class N	Contractual	8-15-2018	7-31-2021	Not to exceed Class I	\$ —	N/A
	Class T	Contractual	7-5-2017	7-31-2021	Not to exceed Class A	\$ —	N/A
	Class Y	Contractual	3-17-2014	7-31-2021	Not to exceed Class A	\$ —	N/A
<b>Ivy Global Bond Fund</b>	Class A	Contractual	6-2-2008	7-31-2021	0.96%	\$ 434	12b-1 Fees and/or Shareholder Servicing
	Class B	Contractual	6-2-2008	7-31-2021	1.68%	\$ 3	12b-1 Fees and/or Shareholder Servicing
	Class C	Contractual	6-2-2008	7-31-2021	1.72%	\$ 14	12b-1 Fees and/or Shareholder Servicing
	Class I	Contractual	6-2-2008	7-31-2021	0.74%	\$ 329	Shareholder Servicing
	Class N	Contractual	4-1-2017	7-31-2021	0.74%	\$ —	N/A
	Class N	Contractual	8-15-2018	7-31-2021	Not to exceed Class I	\$ —	N/A
	Class Y	Contractual	6-2-2008	7-31-2021	0.99%	\$ —	N/A
Class Y	Contractual	8-1-2011	7-31-2021	Not to exceed Class A	\$ 2	12b-1 Fees and/or Shareholder Servicing	
<b>Ivy Global Equity Income Fund</b>	Class A	Contractual	6-4-2012	7-31-2021	1.22%	\$ 66	12b-1 Fees and/or Shareholder Servicing
	Class B	Contractual	6-4-2012	7-31-2021	1.92%	\$ 4	12b-1 Fees and/or Shareholder Servicing
	Class E	Contractual	2-26-2018	7-31-2021	1.09%	\$ 16	12b-1 Fees and/or Shareholder Servicing
	Class I	Contractual	6-4-2012	7-31-2021	0.92%	\$ 80	Shareholder Servicing
	Class N	Contractual	8-15-2015	7-31-2021	Not to exceed Class I	\$ —	N/A
	Class Y	Contractual	6-4-2012	7-31-2021	1.19%	\$ —	N/A
	Class Y	Contractual	8-1-2011	7-31-2021	Not to exceed Class A	\$ —	N/A

[Table of Contents](#)

Fund Name	Share Class Name	Type of Expense Limit	Commencement Date	End Date	Expense Limit	Amount of Expense Waiver/ Reimbursement	Expense Reduced
<b>Ivy Global Growth Fund</b>	Class B	Contractual	2-26-2018	7-31-2021	2.52%	\$ 1	12b-1 Fees and/or Shareholder Servicing
	Class I	Contractual	8-1-2011	7-31-2021	1.06%	\$ 141	Shareholder Servicing
	Class N	Contractual	8-15-2018	7-31-2021	Not to exceed Class I	\$ —	N/A
	Class Y	Contractual	8-1-2011	7-31-2021	Not to exceed Class A	\$ —*	12b-1 Fees and/or Shareholder Servicing
<b>Ivy Government Money Market Fund</b>	Class A	Voluntary	N/A	N/A	To maintain minimum yield <sup>(1)</sup>	\$ 800	12b-1 Fees and/or Shareholder Servicing
	Class B	Voluntary	N/A	N/A	To maintain minimum yield <sup>(1)</sup>	\$ 9	12b-1 Fees and/or Shareholder Servicing
	Class C	Voluntary	N/A	N/A	To maintain minimum yield <sup>(1)</sup>	\$ 101	12b-1 Fees and/or Shareholder Servicing
	Class E	Contractual	7-31-2018	7-31-2021	0.49%	\$ 16	12b-1 Fees and/or Shareholder Servicing
	Class E	Contractual	N/A	N/A	To maintain minimum yield <sup>(1)</sup>	\$ 32	12b-1 Fees and/or Shareholder Servicing
	Class N	Contractual	N/A	N/A	To maintain minimum yield <sup>(1)</sup>	\$ 1	Shareholder Servicing
<b>Ivy High Income Fund</b>	Class B	Contractual	2-26-2018	7-31-2021	1.70%	\$ 17	12b-1 Fees and/or Shareholder Servicing
	Class C	Contractual	2-26-2018	7-31-2021	1.66%	\$ 183	12b-1 Fees and/or Shareholder Servicing
	Class E	Contractual	8-1-2008	7-31-2021	1.04%	\$ 15	12b-1 Fees and/or Shareholder Servicing
	Class N	Contractual	8-15-2018	7-31-2021	Not to exceed Class I	\$ —	N/A
	Class T	Contractual	7-5-2017	7-31-2021	Not to exceed Class A	\$ —	N/A
	Class Y	Contractual	8-1-2011	7-31-2021	Not to exceed Class A	\$ 43	12b-1 Fees and/or Shareholder Servicing
<b>Ivy International Core Equity Fund</b>	All Classes	Contractual	8-1-2008	7-31-2021	N/A	\$2,259 <sup>(2)</sup>	Investment Management Fee
	Class A	Contractual	11-5-2018	7-31-2021	1.23%	\$ 144	12b-1 Fees and/or Shareholder Servicing
	Class B	Contractual	11-5-2018	7-31-2021	2.08%	\$ 3	12b-1 Fees and/or Shareholder Servicing
	Class C	Contractual	11-5-2018	7-31-2021	1.92%	\$ 38	12b-1 Fees and/or Shareholder Servicing
	Class E	Contractual	8-1-2008	7-31-2021	1.18%	\$ 21	12b-1 Fees and/or Shareholder Servicing
	Class I	Contractual	7-31-2018	7-31-2021	0.79%	\$2,513	Shareholder Servicing
	Class N	Contractual	7-31-2018	7-31-2021	0.79%	\$ 71	Shareholder Servicing
	Class N	Contractual	8-15-2018	7-31-2021	Not to exceed Class I	\$ —	N/A
	Class R	Contractual	11-5-2018	7-31-2021	1.53%	\$ 8	12b-1 Fees and/or Shareholder Servicing
	Class T	Contractual	7-5-2017	7-31-2021	Not to exceed Class A	\$ —	N/A
	Class Y	Contractual	8-15-2018	7-31-2021	1.18%	\$ 38	12b-1 Fees and/or Shareholder Servicing
	Class Y	Contractual	8-1-2011	7-31-2021	Not to exceed Class A	\$ —	N/A

[Table of Contents](#)

Fund Name	Share Class Name	Type of Expense Limit	Commencement Date	End Date	Expense Limit	Amount of Expense Waiver/ Reimbursement	Expense Reduced
<b>Ivy Large Cap Growth Fund</b>	Class A	Contractual	6-1-2006	7-31-2021	1.04%	\$ —	N/A
	Class B	Contractual	2-26-2018	7-31-2021	1.83%	\$ 6	12b-1 Fees and/or Shareholder Servicing
	Class E	Contractual	8-1-2008	7-31-2021	1.10%	\$ 1	12b-1 Fees and/or Shareholder Servicing
	Class I	Contractual	6-13-2011	7-31-2022	0.64%(3)	\$ 3,577	Shareholder Servicing
	Class N	Contractual	7-31-2018	7-31-2022	0.64%(3)	\$ 5	Shareholder Servicing
	Class N	Contractual	8-15-2018	7-31-2021	Not to exceed Class I	\$ —	N/A
	Class Y	Contractual	6-1-2006	7-31-2021	1.05%	\$ —	N/A
	Class Y	Contractual	8-1-2011	7-31-2021	Not to exceed Class A	\$ 17	12b-1 Fees and/or Shareholder Servicing
<b>Ivy Limited-Term Bond Fund</b>	Class E	Contractual	8-1-2010	7-31-2021	0.93%	\$ 1	12b-1 Fees and/or Shareholder Servicing
	Class N	Contractual	8-15-2018	7-31-2021	Not to exceed Class I	\$ —	N/A
	Class Y	Contractual	8-1-2011	7-31-2021	Not to exceed Class A	\$ 2	12b-1 Fees and/or Shareholder Servicing
<b>Ivy Managed International Opportunities Fund</b>	All Classes	Contractual	3-17-2014	7-31-2021	N/A	\$ 14 <sup>(4)</sup>	Investment Management Fee
	Class A	Contractual	3-17-2014	7-31-2021	0.46%	\$ 16	12b-1 Fees and/or Shareholder Servicing
	Class B	Contractual	3-17-2014	7-31-2021	1.25%	\$ 1	12b-1 Fees and/or Shareholder Servicing
	Class C	Contractual	3-17-2014	7-31-2021	1.25%	\$ 1	12b-1 Fees and/or Shareholder Servicing
	Class I	Contractual	3-17-2014	7-31-2021	0.16%	\$ 25	Shareholder Servicing
	Class N	Contractual	7-5-2017	7-31-2021	Not to exceed Class I	\$ —*	Shareholder Servicing
	Class R	Contractual	3-17-2014	7-31-2021	0.72%	\$ —	N/A
	Class Y	Contractual	3-17-2014	7-31-2021	0.38%	\$ —*	12b-1 Fees and/or Shareholder Servicing
<b>Ivy Mid Cap Growth Fund</b>	Class Y	Contractual	3-17-2014	7-31-2021	Not to exceed Class A	\$ —	N/A
	All Classes	Contractual	8-1-2008	7-31-2021	N/A	\$ 793 <sup>(5)</sup>	Investment Management Fee
	Class A	Contractual	8-1-2014	7-31-2021	1.30%	\$ —	N/A
	Class B	Contractual	2-26-2018	7-31-2021	2.07%	\$ 5	12b-1 Fees and/or Shareholder Servicing
	Class E	Contractual	8-1-2008	7-31-2021	1.24%	\$ 12	12b-1 Fees and/or Shareholder Servicing
	Class I	Contractual	7-31-2018	7-31-2021	0.79%	\$ 4,956	Shareholder Servicing
	Class N	Contractual	7-31-2018	7-31-2021	0.79%	\$ 82	Shareholder Servicing
	Class N	Contractual	8-15-2018	7-31-2021	Not to exceed Class I	\$ —	N/A
Class Y	Contractual	8-1-2011	7-31-2021	Not to exceed Class A	\$ 124	12b-1 Fees and/or Shareholder Servicing	

[Table of Contents](#)

Fund Name	Share Class Name	Type of Expense Limit	Commencement Date	End Date	Expense Limit	Amount of Expense Waiver/Reimbursement	Expense Reduced
<b>Ivy Mid Cap Income Opportunities Fund</b>	All Classes	Contractual	10-1-2014	7-31-2021	N/A	\$ 693 <sup>(6)</sup>	Investment Management Fee
	Class A	Contractual	10-1-2014	7-31-2021	1.34%	\$ —	N/A
	Class C	Contractual	10-1-2014	7-31-2021	2.06%	\$ —	N/A
	Class I	Contractual	10-1-2014	7-31-2021	0.83%	\$ 1,295	Shareholder Servicing
	Class N	Contractual	10-1-2014	7-31-2021	0.83%	\$ 22	Shareholder Servicing
	Class N	Contractual	8-15-2018	7-31-2021	Not to exceed Class I	\$ —	N/A
	Class R	Contractual	10-1-2014	7-31-2021	1.80%	\$ —	N/A
	Class Y	Contractual	10-1-2014	7-31-2021	1.35%	\$ —	N/A
	Class Y	Contractual	10-1-2014	7-31-2021	Not to exceed Class A	\$ —	N/A
<b>Ivy Municipal Bond Fund</b>	Class A	Contractual	10-16-2017	7-31-2021	0.83%	\$ 305	12b-1 Fees and/or Shareholder Servicing
	Class I	Contractual	10-16-2017	7-31-2021	0.70%	\$ 97	Shareholder Servicing
	Class N	Contractual	7-5-2017	7-31-2021	Not to exceed Class I	\$ —	N/A
	Class Y	Contractual	8-1-2011	7-31-2021	Not to exceed Class A	\$ 1	12b-1 Fees and/or Shareholder Servicing
<b>Ivy Municipal High Income Fund</b>	Class B	Contractual	10-1-2016	7-31-2021	1.62%	\$ 2	12b-1 Fees and/or Shareholder Servicing
	Class C	Contractual	10-1-2016	7-31-2021	1.58%	\$ 61	12b-1 Fees and/or Shareholder Servicing
	Class I	Contractual	8-1-2011	7-31-2021	0.61%	\$ 429	Shareholder Servicing
	Class N	Contractual	7-5-2017	7-31-2021	Not to exceed Class I	\$ —	N/A
	Class Y	Contractual	10-1-2016	7-31-2021	0.94%	\$ —	N/A
	Class Y	Contractual	8-1-2011	7-31-2021	Not to exceed Class A	\$ 5	12b-1 Fees and/or Shareholder Servicing
<b>Ivy Pzena International Value Fund</b>	All Classes	Contractual	12-3-2012	7-31-2021	N/A	\$ 471 <sup>(7)</sup>	Investment Management Fee
	Class N	Contractual	8-15-2018	7-31-2021	Not to exceed Class I	\$ —	N/A
	Class Y	Contractual	8-1-2011	7-31-2021	Not to exceed Class A	\$ —	N/A
<b>Ivy Securian Core Bond Fund</b>	All Classes	Contractual	8-1-2011	7-31-2021	N/A	\$ 1,278 <sup>(8)</sup>	Investment Management Fee
	Class E	Contractual	1-31-2011	7-31-2021	0.95%	\$ 4	12b-1 Fees and/or Shareholder Servicing
	Class I	Contractual	8-1-2011	7-31-2022	0.45% <sup>(9)</sup>	\$ 1,301	Shareholder Servicing
	Class N	Contractual	8-1-2011	7-31-2022	0.45% <sup>(9)</sup>	\$ 21	Shareholder Servicing
	Class N	Contractual	8-15-2018	7-31-2021	Not to exceed Class I	\$ —	N/A
	Class Y	Contractual	8-1-2011	7-31-2021	Not to exceed Class A	\$ —	N/A
<b>Ivy Small Cap Core Fund</b>	All Classes	Contractual	8-1-2008	7-31-2021	N/A	\$ 200 <sup>(10)</sup>	Investment Management Fee
	Class I	Contractual	7-31-2018	7-31-2021	0.89%	\$ 645	Shareholder Servicing
	Class N	Contractual	7-31-2018	7-31-2021	0.89%	\$ 18	Shareholder Servicing
	Class N	Contractual	8-15-2018	7-31-2021	Not to exceed Class I	\$ —	N/A
	Class T	Contractual	7-5-2017	7-31-2021	Not to exceed Class A	\$ —	N/A
	Class Y	Contractual	8-1-2008	7-31-2021	Not to exceed Class A	\$ —	N/A

[Table of Contents](#)

Fund Name	Share Class Name	Type of Expense Limit	Commencement Date	End Date	Expense Limit	Amount of Expense Waiver/ Reimbursement	Expense Reduced
Ivy Small Cap Growth Fund	Class B	Contractual	2-26-2018	7-31-2021	2.17%	\$ 8	12b-1 Fees and/or Shareholder Servicing
	Class C	Contractual	11-5-2018	7-31-2021	2.04%	\$ 6	12b-1 Fees and/or Shareholder Servicing
	Class E	Contractual	8-1-2008	7-31-2021	1.30%	\$ 17	12b-1 Fees and/or Shareholder Servicing
	Class I	Contractual	7-31-2018	7-31-2021	0.89%	\$ 1,491	Shareholder Servicing
	Class N	Contractual	7-31-2018	7-31-2021	0.89%	\$ —	N/A
	Class N	Contractual	8-15-2018	7-31-2021	Not to exceed Class I	\$ —	N/A
	Class T	Contractual	7-5-2017	7-31-2021	Not to exceed Class A	\$ —	N/A
Ivy Value Fund	Class Y	Contractual	8-1-2011	7-31-2021	Not to exceed Class A	\$ 5	12b-1 Fees and/or Shareholder Servicing
	Class A	Contractual	10-16-2017	7-31-2021	1.20%	\$ 28	12b-1 Fees and/or Shareholder Servicing
	Class B	Contractual	10-16-2017	7-31-2021	2.31%	\$ 1	12b-1 Fees and/or Shareholder Servicing
	Class I	Contractual	10-16-2017	7-31-2021	0.92%	\$ 35	Shareholder Servicing
	Class N	Contractual	8-15-2018	7-31-2021	Not to exceed Class I	\$ —	N/A
Class Y	Contractual	8-1-2011	7-31-2021	Not to exceed Class A	\$ —	N/A	

\* Not shown due to rounding.

(1) Minimum yield was 0.01%.

(2) Due to Class A, Class B, Class C, Class E, Class I, Class N, Class R, Class T and/or Class Y contractual expense limits, investment management fees were waived for all share classes.

(3) Reflects the lower expense limit which went into effect August 1, 2020. Prior to August 1, 2020, the expense limit in effect was 0.69%.

(4) Due to Class A, Class B, Class C, Class I, Class N, Class R and/or Class Y contractual expense limits, investment management fees were waived for all share classes.

(5) Due to Class A, Class B, Class E, Class I, Class N and/or Class Y contractual expense limits, investment management fees were waived for all share classes.

(6) Due to Class A, Class C, Class I, Class N, Class R and/or Class Y contractual expense limits, investment management fees were waived for all share classes.

(7) The Fund's management fee is being reduced by 0.21% of average daily net assets.

(8) Due to Class E, Class I, Class N and/or Class Y contractual expense limits, investment management fees were waived for all share classes.

(9) Reflects the lower expense limit which went into effect August 1, 2020. Prior to August 1, 2020, the expense limit in effect was 0.54%.

(10) Due to Class I, Class N, Class T and/or Class Y contractual expense limits, investment management fees were waived for all share classes.

Any amounts due to the Funds as a reimbursement but not paid as of March 31, 2021 are shown as a receivable from affiliates on the Statements of Assets and Liabilities.

## 7. RELATED PARTY TRANSACTIONS

Certain Funds are permitted to purchase or sell securities from or to certain affiliated funds under specified conditions outlined in procedures adopted by the Board. The procedures have been designed to ensure that any purchase or sale of securities by the Funds from or to another fund or portfolio that are, or could be, considered an affiliate by virtue of having a common investment adviser (or affiliated investment advisers), common Trustees or common officers, complies with Rule 17a-7 under the Act. Further, as defined under such procedures, each transaction is effected at the current market price. During the year ended March 31, 2021, the Funds below engaged in purchases and sales of securities pursuant to Rule 17a-7 under the Act (amounts in thousands):

Fund	Purchases	Sales	Realized Gain (Loss)
Ivy Global Bond Fund	\$ 3,957	\$ —	\$ —
Ivy High Income Fund	5,944	27,979	(432)
Ivy International Core Equity Fund	—	1,463	—
Ivy Municipal Bond Fund	9,462	—	—
Ivy Municipal High Income Fund	—	9,462	950

240 ANNUAL REPORT 2021

[Table of Contents](#)**8. INTERFUND LENDING PROGRAM**

Pursuant to an exemptive order issued by the SEC (“Order”), the Ivy Funds, Ivy Variable Insurance Portfolios and InvestEd Portfolios (collectively, the “Funds” only for purposes of this footnote 8) have the ability to lend money to, and borrow money from, each other pursuant to a master interfund lending agreement (“Interfund Lending Program”). Under the Interfund Lending Program, the Funds may lend or borrow money for temporary purposes directly to or from one another (each an “Interfund Loan”), subject to meeting the conditions of the Order. The interest rate to be charged on an Interfund Loan is the average of the overnight repurchase agreement rate and the short-term bank loan rate. The Funds made no Interfund Loans under the Interfund Lending Program during the year ended March 31, 2021.

**9. AFFILIATED COMPANY TRANSACTIONS (All amounts in thousands)**

A summary of the transactions in affiliated companies during the year ended March 31, 2021 follows:

	3-31-20 Value	Gross Additions	Gross Reductions	Realized Gain/(Loss)	Net Change in Unrealized Appreciation/ (Depreciation)	3-31-21 Value	Distributions Received	Capital Gain Distributions
<b>Ivy High Income Fund</b>								
ASG Warrant Corp.(1)(2)(3)	\$ —*	\$ —	\$ —	\$ —	\$ —	\$ —*	\$ —	\$ —
Bellatrix Exploration Ltd.(1)(2)(4)	—*	—	—	—	—	—*	—	—
BIS Industries Ltd.(1)(2)(3)	—*	—	—	—	—	—*	—	—
Foresight Energy L.P.(1)(2)(3)	N/A	21,917	—	—	(4,888)	17,029	—	—
Larchmont Resources LLC(1)(2)(3)	3,209	—	—	—	(2,475)	734	—	—
Maritime Finance Co. Ltd. (1)(2)(3)	11,183	—	1,238(9)	—	(5,285)	4,660	—	—
New Cotai Participation Corp., Class B(1)(2)(3)	N/A	194,453	—	—	(119,688)	74,765	—	—
True Religion Apparel, Inc.(1)	N/A	6,749	—	—	(4,698)	2,051	—	—
True Religion Apparel, Inc.(1)(2)	N/A	17,881	—	—	(12,759)	5,122	—	—
True Religion Apparel, Inc.(1)	—*	—	—*	—	—	—	—	—
	<u>\$ 14,392</u>			<u>\$ —</u>	<u>\$ (149,793)</u>	<u>\$ 104,361</u>	<u>\$ —</u>	<u>\$ —</u>
							<b>Interest Received</b>	
Bellatrix Exploration Ltd., 8.500%, 9-11-23(4)	\$ 4,051	—	—	—	\$ (4,051)	\$ —*	\$ (142)(7)	\$ —
Bellatrix Exploration Ltd. (3.000% Cash or 9.500% PIK), 9.500%, 12-15-23(4)(5)	4,058	—	—	—	(4,058)	—*	—	—
Larchmont Resources LLC (9.000% Cash or 9.000% PIK), 9.000%, 8-9-21(5)	12,413	399(10)	—	—	(6,787)	6,025	1,280	—
New Cotai LLC (14.000% Cash or 14.000% PIK), 14.000%, 9-10-25(5)	N/A	5,695	—	—	136	5,831	397	—
Foresight Energy LLC (ICE LIBOR plus 800 bps)	N/A	9,418	71	—	2,148	11,495	448	—
TRLG Intermediate Holdings LLC, 10.000%, 10-27-22(6)	24,636	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	<u>\$ 45,158</u>			<u>\$ —</u>	<u>\$ (12,612)</u>	<u>\$ 23,351</u>	<u>\$ 1,983</u>	<u>\$ —</u>

[Table of Contents](#)

	3-31-20 Value	Gross Additions	Gross Reductions	Realized Gain/(Loss)	Net Change in Unrealized Appreciation	3-31-21 Value	Distributions Received	Capital Gain Distributions
<b>Ivy Managed International Opportunities Fund</b>								
Ivy Emerging Markets Equity Fund, Class N	\$ 21,690	\$ 17,175	\$ 13,381	\$ 2,352	\$ 21,694	\$ 49,530	\$ 547	\$ —
Ivy Global Equity Income Fund, Class N	13,810	2,801	4,266	(663)	6,323	18,005	378	255
Ivy Global Growth Fund, Class N	14,741	1,212	5,511	389	6,222	17,053	10	868
Ivy International Core Equity Fund, Class N	48,219	5,179	17,967	(1,110)	21,425	55,746	772	—
Ivy International Small Cap Fund, Class N	13,571	868	4,880	119	8,111	17,789	105	—
Ivy Pzena International Value Fund, Class N	25,628	715	17,263	(5,527)	16,733	20,286	309	—
	<u>\$137,659</u>			<u>\$ (4,440)</u>	<u>\$ 80,508</u>	<u>\$178,409</u>	<u>\$ 2,121</u>	<u>\$ 1,123</u>

	3-31-20 Value	Gross Additions	Gross Reductions	Realized Gain/(Loss)	Net Change in Unrealized Appreciation	3-31-21 Value	Distributions Received	Capital Gain Distributions
<b>Ivy Small Cap Growth Fund</b>								
PetIQ, Inc.(1)(8)	\$ 29,737	\$ 23,867	\$ 263	\$ (28)	\$ 17,239	\$ 70,552	\$ —	\$ —
Vericel Corp.(1)(6)	21,899	N/A	N/A	N/A	N/A	N/A	N/A	N/A

\* Not shown due to rounding.

(1) No dividends were paid during the preceding 12 months.

(2) Securities whose value was determined using significant unobservable inputs.

(3) Restricted.

(4) Non-income producing.

(5) Payment-in-kind bond.

(6) No longer affiliated at March 31, 2021.

(7) A debt restructure process has occurred that allowed a portion of the outstanding interest payments to be cancelled.

(8) Not affiliated at March 31, 2020.

(9) The amount shown of \$1,238 represents a return of capital.

(10) The amount shown of \$15 represents accretion.

## 10. INVESTMENT SECURITIES TRANSACTIONS (\$ amounts in thousands)

The cost of purchases and the proceeds from maturities and sales of investment securities (excluding short-term securities) for the year ended March 31, 2021, were as follows:

	Purchases		Sales	
	U.S. Government	Other Issuers	U.S. Government	Other Issuers
Ivy Core Equity Fund	\$ —	\$ 2,038,337	\$ —	\$ 2,358,204
Ivy Emerging Markets Equity Fund	—	760,440	—	708,487
Ivy Global Bond Fund	61,819	149,546	49,272	139,595
Ivy Global Equity Income Fund	—	224,146	—	363,397
Ivy Global Growth Fund	—	294,642	—	382,636
Ivy Government Money Market Fund	—	—	—	—
Ivy High Income Fund	—	2,282,877	—	2,283,070
Ivy International Core Equity Fund	—	1,971,637	—	3,148,937
Ivy Large Cap Growth Fund	—	1,195,811	—	1,590,469
Ivy Limited-Term Bond Fund	58,020	653,998	307,496	309,674
Ivy Managed International Opportunities Fund	—	27,950	—	63,268
Ivy Mid Cap Growth Fund	—	2,053,405	—	1,971,248
Ivy Mid Cap Income Opportunities Fund	—	641,454	—	223,471
Ivy Municipal Bond Fund	—	161,126	—	191,417
Ivy Municipal High Income Fund	—	64,935	—	162,199

[Table of Contents](#)

	Purchases		Sales	
	U.S. Government	Other Issuers	U.S. Government	Other Issuers
Ivy Pzena International Value Fund	\$ —	\$ 42,876	\$ —	\$ 107,122
Ivy Securian Core Bond Fund	603,975	570,991	742,662	413,358
Ivy Small Cap Core Fund	—	783,998	—	875,653
Ivy Small Cap Growth Fund	—	1,431,017	—	1,778,780
Ivy Value Fund	—	656,962	—	673,929

**11. LOANS OF PORTFOLIO SECURITIES (\$ amounts in thousands)**

Each Fund may lend their portfolio securities only to borrowers that are approved by the Fund's securities lending agent, The Bank of New York Mellon ("BNYM"). The borrower pledges and maintains with the Fund collateral consisting of cash or securities issued or guaranteed by the U.S. government. The collateral received by the Fund is required to have a value of at least 102% of the market value of the loaned securities for securities traded on U.S. exchanges and a value of at least 105% of the market value for all other securities, except in the case of loans of foreign securities which are denominated and payable in U.S. dollars, in which case the collateral is required to have a value of at least 102% of the market value of the loaned securities. The market value of the loaned securities is determined at the close of each business day and any additional required collateral is delivered to the Fund and any excess collateral is returned by the Fund on the next business day. During the term of the loan, the Fund is entitled to all distributions made on or in respect of the loaned securities but does not receive interest income on securities received as collateral. Loans of securities are terminable at any time and the borrower, after notice, is required to return borrowed securities within the standard time period for settlement of securities transactions.

Cash received as collateral for securities on loan may be reinvested in the Dreyfus Institutional Preferred Government Money Market Fund — Institutional Shares or certain other registered money market funds and are disclosed in the Fund's Schedule of Investments and are reflected in the Statements of Assets and Liabilities as cash collateral on securities loaned at value. Non-cash collateral, in the form of securities issued or guaranteed by the U.S. government or its agencies or instrumentalities, is not disclosed in the Fund's Statements of Assets and Liabilities as it is held by the lending agent on behalf of the Fund and the Fund does not have the ability to re-hypothecate these securities. The securities on loan for each Fund are also disclosed in its Schedule of Investments. The total value of any securities on loan as of March 31, 2021 and the total value of the related cash collateral are disclosed in the Statements of Assets and Liabilities. Income earned by the Funds from securities lending activity is disclosed in the Statements of Operations.

The following is a summary of each Fund's securities lending positions and related cash and non-cash collateral received as of March 31, 2021:

Fund	Value of Securities on Loan	Cash Collateral Received	Non-Cash Collateral Received	Total Collateral Received
Ivy Emerging Markets Equity Fund	\$ 10,673	\$ 11,223	\$ —	\$ 11,223
Ivy Global Bond Fund	8,507	8,709	—	8,709
Ivy Global Equity Income Fund	34,069	341	36,620	36,961
Ivy Global Growth Fund	5,991	4,700	1,374	6,074
Ivy High Income Fund	11,775	10,877	1,190	12,067
Ivy International Core Equity Fund	122,344	52,596	75,649	128,245
Ivy Limited-Term Bond Fund	9,291	2,969	6,567	9,536
Ivy Mid Cap Growth Fund	1,278	1,308	—	1,308
Ivy Pzena International Value Fund	12,873	11,562	1,958	13,520
Ivy Securian Core Bond Fund	11,411	2,274	9,388	11,662
Ivy Small Cap Core Fund	3,555	3,631	—	3,631
Ivy Small Cap Growth Fund	29,514	12,592	17,417	30,009
Ivy Value Fund	42,091	37,742	5,052	42,794

The cash collateral received amounts presented in the table above are transactions accounted for as secured borrowings and have an overnight and continuous maturity. The proceeds from the cash collateral received is invested in registered money market funds.

The risks of securities lending include the risk that the borrower may not provide additional collateral when required or may not return the securities when due. To mitigate these risks, the Funds benefit from a borrower indemnity provided by BNYM. BNYM's indemnity allows for full replacement of securities lent wherein BNYM will purchase the unreturned loaned securities on the open market by applying the proceeds of the collateral or to the extent such proceeds are insufficient or the collateral is unavailable, BNYM will purchase the unreturned loan securities at BNYM's expense. However, the Fund could suffer a loss if the value of the investments purchased with cash collateral falls below the value of the cash collateral received.

[Table of Contents](#)**12. BORROWINGS**

On July 1, 2019 the Trust, on behalf of the Ivy High Income Fund and Ivy Municipal High Income Fund, along with certain other funds managed by the investment adviser ("Participating Funds"), entered into a 364-day senior unsecured revolving credit facility with Bank of New York Mellon and a group of financial institutions to be utilized to temporarily finance the repurchase or redemption of Fund shares and for other temporary or emergency purposes. The agreement was amended on June 29, 2020. The Participating Funds can borrow up to an aggregate commitment amount of \$130 million at any time outstanding, subject to asset coverage and other limitations as specified in the agreement. The credit facility has the following terms: a commitment fee of 0.15% per annum of the daily amount of unused commitment amounts and interest at a rate equal to the higher of (a) the federal funds effective rate (but not below 0.0%) plus 1.25% per annum or (b) the one-month LIBOR rate (but not below 0.0%) plus 1.25% per annum on amounts borrowed. The agreement expires in June 2021 unless extended or renewed. As of March 31, 2021, if applicable, any outstanding borrowings would be disclosed as a payable for borrowing on the Statements of Assets and Liabilities. Commitment and interest fees, if any, paid by the Participating Funds are disclosed as part of commitment and interest expense for borrowing on the Statements of Operations. During the year ended March 31, 2021, the Participating Funds did not borrow under the credit facility.

**13. CAPITAL SHARE TRANSACTIONS (All amounts in thousands)**

The Trust has authorized an unlimited number of \$0.001 par value shares of beneficial interest of each class of each Fund. Transactions in shares of beneficial interest were as follows:

	Ivy Core Equity Fund				Ivy Emerging Markets Equity Fund			
	Year ended 3-31-21		Year ended 3-31-20		Year ended 3-31-21		Year ended 3-31-20	
	Shares	Value	Shares	Value	Shares	Value	Shares	Value
Shares issued from sale of shares:								
Class A	6,770	\$ 105,920	8,111	\$ 114,369	2,162	\$ 55,079	2,104	\$ 40,058
Class B	3	36	16	180	2	36	3	44
Class C	330	4,108	400	4,698	317	7,029	420	6,914
Class E(1)	108	1,704	123	1,692	—	—	—	—
Class I	5,693	100,670	8,627	139,378	19,333	516,903	16,925	329,886
Class N	3,491	57,497	358	5,585	4,719	120,389	2,998	57,913
Class R	5	79	6	81	135	3,339	210	3,935
Class T(1)	N/A	N/A	N/A	N/A	—	—	—	—
Class Y	114	1,942	175	2,679	544	12,995	707	13,334
Shares issued in reinvestment of distributions to shareholders:								
Class A	4,797	78,527	20,034	281,076	97	2,585	116	2,325
Class B	7	90	56	620	—*	1	—*	3
Class C	81	1,078	409	4,718	10	229	14	244
Class E(1)	26	421	102	1,416	—	—	—*	2
Class I	1,308	24,689	5,748	92,548	428	11,774	551	11,386
Class N	119	2,252	208	3,360	122	3,367	149	3,097
Class R	—*	1	—*	4	2	54	2	48
Class T(1)	N/A	N/A	N/A	N/A	—	—	—	—
Class Y	34	611	152	2,354	3	74	5	96
Shares redeemed:								
Class A	(27,535)	(428,467)	(37,781)	(533,128)	(3,513)	(80,490)	(5,501)	(102,763)
Class B	(269)	(3,215)	(326)	(3,681)	(44)	(850)	(77)	(1,179)
Class C	(1,933)	(25,052)	(1,603)	(18,963)	(1,158)	(22,854)	(1,607)	(25,574)
Class E(1)	(174)	(2,671)	(192)	(2,689)	(15)	(310)	—	—
Class I	(17,873)	(319,140)	(21,830)	(350,279)	(17,708)	(407,534)	(27,400)	(525,817)
Class N	(1,604)	(29,714)	(1,182)	(19,098)	(5,064)	(115,291)	(5,919)	(116,392)
Class R	(8)	(123)	(26)	(372)	(295)	(6,482)	(428)	(8,081)
Class T(1)	N/A	N/A	N/A	N/A	(14)	(273)	—	—
Class Y	(619)	(10,516)	(1,573)	(24,909)	(1,092)	(27,110)	(1,070)	(20,705)
Net increase (decrease)	<b>(27,129)</b>	<b>\$(439,273)</b>	<b>(19,988)</b>	<b>\$(298,361)</b>	<b>(1,029)</b>	<b>\$ 72,660</b>	<b>(17,798)</b>	<b>\$(331,226)</b>

\* Not shown due to rounding.

(1) Effective June 19, 2020, Ivy Emerging Markets Equity Fund liquidated Class E and Class T shares.

[Table of Contents](#)

	Ivy Global Bond Fund				Ivy Global Equity Income Fund			
	Year ended 3-31-21		Year ended 3-31-20		Year ended 3-31-21		Year ended 3-31-20	
	Shares	Value	Shares	Value	Shares	Value	Shares	Value
Shares issued from sale of shares:								
Class A	2,124	\$ 21,835	1,625	\$ 16,018	1,176	\$ 14,120	1,809	\$ 21,671
Class B	2	17	4	40	1	9	3	42
Class C	91	930	182	1,809	29	340	106	1,266
Class E	N/A	N/A	N/A	N/A	34	403	48	587
Class I	6,058	62,169	5,173	50,923	1,794	21,009	2,537	30,159
Class N	4,280	43,863	434	4,280	398	4,700	225	2,645
Class R	5	54	8	76	1	6	1	8
Class Y	22	217	41	397	42	488	21	257
Shares issued in reinvestment of distributions to shareholders:								
Class A	449	4,599	393	3,871	758	9,272	996	11,973
Class B	1	8	1	9	2	20	5	61
Class C	10	106	8	81	18	225	35	424
Class E	N/A	N/A	N/A	N/A	13	163	16	188
Class I	618	6,328	522	5,147	750	9,153	1,054	12,618
Class N	131	1,350	70	685	68	836	74	882
Class R	1	7	1	7	—*	2	—*	5
Class Y	2	24	2	16	4	53	7	86
Shares redeemed:								
Class A	(3,634)	(37,024)	(5,315)	(52,213)	(6,321)	(74,168)	(8,346)	(98,987)
Class B	(30)	(307)	(59)	(584)	(78)	(909)	(184)	(2,196)
Class C	(359)	(3,699)	(440)	(4,321)	(558)	(6,739)	(952)	(11,350)
Class E	N/A	N/A	N/A	N/A	(104)	(1,218)	(85)	(1,011)
Class I	(5,316)	(53,895)	(8,303)	(80,871)	(8,147)	(95,567)	(9,869)	(117,270)
Class N	(907)	(9,309)	(1,227)	(11,989)	(536)	(6,448)	(358)	(4,260)
Class R	(47)	(477)	(14)	(135)	(29)	(331)	(4)	(46)
Class Y	(31)	(315)	(75)	(746)	(367)	(4,409)	(195)	(2,398)
Net increase (decrease)	<b>3,470</b>	<b>\$ 36,481</b>	<b>(6,969)</b>	<b>\$ (67,500)</b>	<b>(11,052)</b>	<b>\$ (128,990)</b>	<b>(13,056)</b>	<b>\$ (154,646)</b>

\* Not shown due to rounding.

[Table of Contents](#)

	Ivy Global Growth Fund				Ivy Government Money Market Fund			
	Year ended 3-31-21		Year ended 3-31-20		Year ended 3-31-21		Year ended 3-31-20	
	Shares	Value	Shares	Value	Shares	Value	Shares	Value
Shares issued from sale of shares:								
Class A	488	\$ 24,209	545	\$ 24,241	362,834	\$ 362,834	342,882	\$ 342,882
Class B	—*	2	—*	10	126	126	200	200
Class C	16	645	22	798	5,045	5,045	20,607	20,607
Class E(1)	—	—	—	—	10,219	10,219	5,938	5,938
Class I	1,309	66,453	1,570	71,690	N/A	N/A	N/A	N/A
Class N	15	793	55	2,542	255	255	2,353	2,353
Class R	1	67	2	91	N/A	N/A	N/A	N/A
Class Y	19	973	16	738	N/A	N/A	N/A	N/A
Shares issued in reinvestment of distributions to shareholders:								
Class A	464	24,461	92	4,256	85	85	1,696	1,696
Class B	1	26	—*	6	—*	—*	3	3
Class C	9	381	2	66	1	1	37	37
Class E(1)	—	—	—*	2	7	7	118	118
Class I	429	23,181	111	5,259	N/A	N/A	N/A	N/A
Class N	17	952	5	256	—*	—*	123	123
Class R	1	47	—*	8	N/A	N/A	N/A	N/A
Class Y	2	105	—*	19	N/A	N/A	N/A	N/A
Shares redeemed:								
Class A	(1,307)	(65,307)	(1,935)	(85,916)	(339,477)	(339,477)	(315,803)	(315,803)
Class B	(11)	(445)	(12)	(441)	(558)	(558)	(607)	(607)
Class C	(76)	(3,188)	(90)	(3,270)	(18,567)	(18,567)	(14,684)	(14,684)
Class E(1)	(4)	(178)	—	—	(7,669)	(7,669)	(4,323)	(4,323)
Class I	(2,198)	(112,824)	(2,618)	(118,443)	N/A	N/A	N/A	N/A
Class N	(118)	(5,915)	(88)	(4,077)	(8,231)	(8,231)	(1,708)	(1,708)
Class R	(6)	(276)	(14)	(625)	N/A	N/A	N/A	N/A
Class Y	(30)	(1,403)	(75)	(3,342)	N/A	N/A	N/A	N/A
Net increase (decrease)	<b>(979)</b>	<b>\$ (47,241)</b>	<b>(2,412)</b>	<b>\$ (106,132)</b>	<b>4,070</b>	<b>\$ 4,070</b>	<b>36,832</b>	<b>\$ 36,832</b>

\* Not shown due to rounding.

(1) Effective June 19, 2020, Ivy Global Growth Fund liquidated Class E shares.

[Table of Contents](#)

	Ivy High Income Fund				Ivy International Core Equity Fund			
	Year ended 3-31-21		Year ended 3-31-20		Year ended 3-31-21		Year ended 3-31-20	
	Shares	Value	Shares	Value	Shares	Value	Shares	Value
Shares issued from sale of shares:								
Class A	52,366	\$ 354,002	42,163	\$ 299,823	2,807	\$ 47,922	4,685	\$ 78,695
Class B	26	181	36	255	1	25	2	33
Class C	4,611	30,908	7,722	55,103	132	1,946	336	4,964
Class E	212	1,406	216	1,515	43	753	51	865
Class I	110,771	746,781	74,487	526,985	12,142	201,842	25,633	427,720
Class N	6,379	43,669	5,790	41,417	5,386	89,188	13,059	215,779
Class R	853	5,589	782	5,512	239	3,911	744	12,391
Class T(1)	—	—	—	—	—	—	—	—
Class Y	11,715	78,330	12,750	90,981	1,123	18,589	3,825	63,309
Shares issued in reinvestment of distributions to shareholders:								
Class A	14,423	96,157	16,317	114,568	186	3,418	668	11,528
Class B	110	720	240	1,691	—*	3	2	36
Class C	3,203	21,182	4,551	32,008	26	425	144	2,189
Class E	82	546	87	610	4	72	10	174
Class I	15,652	104,219	18,782	131,952	1,072	19,784	3,377	58,627
Class N	628	4,183	717	5,023	421	7,793	1,525	26,540
Class R	445	2,956	528	3,710	22	399	121	2,092
Class T(1)	—	—	—	—	—	—	—	—
Class Y	1,139	7,565	1,701	11,982	46	843	414	7,199
Shares redeemed:								
Class A	(58,972)	(393,483)	(78,501)	(549,562)	(7,683)	(127,756)	(15,008)	(250,909)
Class B	(2,221)	(14,786)	(2,680)	(19,015)	(71)	(1,022)	(154)	(2,265)
Class C	(38,171)	(259,187)	(31,521)	(221,590)	(2,883)	(42,869)	(4,960)	(72,845)
Class E	(303)	(2,014)	(268)	(1,900)	(85)	(1,402)	(75)	(1,262)
Class I	(115,235)	(763,511)	(127,266)	(885,787)	(53,521)	(908,490)	(104,955)	(1,763,863)
Class N	(8,526)	(57,464)	(5,426)	(37,591)	(27,184)	(460,605)	(53,424)	(914,549)
Class R	(2,166)	(14,461)	(2,308)	(15,976)	(987)	(16,509)	(3,551)	(59,621)
Class T(1)	(36)	(234)	—*	—*	(13)	(207)	—	—
Class Y	(15,874)	(105,505)	(25,199)	(177,426)	(9,737)	(152,911)	(13,434)	(225,798)
Net decrease	<b>(18,889)</b>	<b>\$ (112,251)</b>	<b>(86,300)</b>	<b>\$ (585,712)</b>	<b>(78,514)</b>	<b>\$ (1,314,858)</b>	<b>(140,965)</b>	<b>\$ (2,378,971)</b>

\* Not shown due to rounding.

(1) Effective June 19, 2020, Ivy High Income Fund and Ivy International Core Equity Fund liquidated Class T shares.

[Table of Contents](#)

	Ivy Large Cap Growth Fund				Ivy Limited-Term Bond Fund			
	Year ended 3-31-21		Year ended 3-31-20		Year ended 3-31-21		Year ended 3-31-20	
	Shares	Value	Shares	Value	Shares	Value	Shares	Value
Shares issued from sale of shares:								
Class A	7,427	\$ 200,021	7,144	\$ 169,639	16,035	\$ 177,543	16,182	\$ 175,881
Class B	19	340	21	361	12	129	27	288
Class C	832	16,784	918	17,201	1,822	20,126	1,210	13,236
Class E	142	3,855	156	3,624	300	3,314	190	2,061
Class I	15,663	446,226	16,217	413,793	15,321	169,574	9,956	108,027
Class N	1,738	49,588	1,266	32,411	8,084	89,556	2,687	29,202
Class R	161	3,907	271	6,109	4	43	37	399
Class Y	239	6,735	370	9,251	65	715	183	1,989
Shares issued in reinvestment of distributions to shareholders:								
Class A	5,781	161,108	10,844	249,854	481	5,327	622	6,758
Class B	15	286	57	910	—*	4	2	23
Class C	326	6,876	578	10,364	17	192	35	377
Class E	67	1,860	112	2,576	8	94	9	100
Class I	4,898	146,252	9,412	231,151	831	9,195	1,158	12,579
Class N	329	9,886	497	12,279	176	1,951	272	2,957
Class R	34	898	98	2,147	—*	3	—*	3
Class Y	70	2,025	132	3,131	5	56	11	120
Shares redeemed:								
Class A	(14,167)	(388,279)	(16,623)	(393,878)	(13,587)	(150,321)	(17,007)	(184,572)
Class B	(197)	(3,622)	(265)	(4,588)	(131)	(1,447)	(197)	(2,137)
Class C	(2,369)	(50,309)	(1,943)	(36,678)	(2,269)	(25,148)	(2,741)	(29,698)
Class E	(148)	(4,117)	(141)	(3,362)	(139)	(1,536)	(170)	(1,846)
Class I	(23,368)	(680,556)	(24,350)	(611,039)	(14,631)	(161,926)	(21,726)	(235,594)
Class N	(1,721)	(51,261)	(1,374)	(35,049)	(9,164)	(101,164)	(6,812)	(73,482)
Class R	(399)	(10,060)	(501)	(11,092)	(34)	(382)	(11)	(119)
Class Y	(504)	(14,202)	(906)	(22,489)	(347)	(3,842)	(368)	(4,006)
Net increase (decrease)	<b>(5,132)</b>	<b>\$ (145,759)</b>	<b>1,990</b>	<b>\$ 46,626</b>	<b>2,859</b>	<b>\$ 32,056</b>	<b>(16,451)</b>	<b>\$ (177,454)</b>

\* Not shown due to rounding.

[Table of Contents](#)

	Ivy Managed International Opportunities Fund				Ivy Mid Cap Growth Fund			
	Year ended 3-31-21		Year ended 3-31-20		Year ended 3-31-21		Year ended 3-31-20	
	Shares	Value	Shares	Value	Shares	Value	Shares	Value
Shares issued from sale of shares:								
Class A	440	\$ 4,770	686	\$ 6,672	7,015	\$ 239,716	6,168	\$ 162,204
Class B	—	—	1	9	8	213	15	306
Class C	25	266	25	245	1,138	30,957	1,190	26,013
Class E(1)	—	—	—	—	70	2,274	71	1,818
Class I	1,690	17,705	2,928	29,233	26,124	971,961	18,654	526,865
Class N	8	80	7	71	10,531	418,964	3,126	89,494
Class R	1	7	1	7	892	29,019	568	14,322
Class Y	3	41	6	60	2,790	102,109	1,948	53,403
Shares issued in reinvestment of distributions to shareholders:								
Class A	40	463	362	3,767	6,030	212,967	3,199	85,725
Class B	—*	—*	1	12	25	632	30	616
Class C	—*	5	11	110	832	23,429	459	10,112
Class E(1)	—	—	3	34	53	1,820	27	700
Class I	99	1,160	724	7,576	7,049	275,688	3,774	110,651
Class N	—*	1	—*	5	1,252	49,453	495	14,664
Class R	—*	—*	—*	3	230	7,815	112	2,905
Class Y	—*	1	1	12	802	29,946	437	12,329
Shares redeemed:								
Class A	(1,158)	(11,738)	(1,769)	(17,628)	(9,860)	(334,258)	(12,966)	(338,808)
Class B	(13)	(131)	(20)	(194)	(270)	(6,448)	(476)	(9,662)
Class C	(95)	(931)	(101)	(984)	(4,104)	(116,024)	(3,670)	(79,454)
Class E(1)	(53)	(495)	—	—	(92)	(3,071)	(73)	(1,886)
Class I	(4,346)	(47,462)	(2,829)	(28,532)	(23,896)	(890,411)	(26,473)	(761,516)
Class N	(7)	(69)	(6)	(64)	(4,614)	(174,019)	(3,391)	(98,392)
Class R	(33)	(359)	—*	(2)	(824)	(26,183)	(1,089)	(27,435)
Class Y	(9)	(88)	(42)	(429)	(3,596)	(128,370)	(4,321)	(117,780)
Net increase (decrease)	<b>(3,408)</b>	<b>\$ (36,774)</b>	<b>(11)</b>	<b>\$ (17)</b>	<b>17,585</b>	<b>\$ 718,179</b>	<b>(12,186)</b>	<b>\$ (322,806)</b>

\* Not shown due to rounding.

(1) Effective June 19, 2020, Ivy Managed International Opportunities Fund and Ivy Mid Cap Growth Fund liquidated Class E shares.

[Table of Contents](#)

	Ivy Mid Cap Income Opportunities Fund				Ivy Municipal Bond Fund			
	Year ended 3-31-21		Year ended 3-31-20		Year ended 3-31-21		Year ended 3-31-20	
	Shares	Value	Shares	Value	Shares	Value	Shares	Value
Shares issued from sale of shares:								
Class A	2,255	\$ 34,734	3,288	\$ 48,013	3,761	\$ 44,527	3,895	\$ 46,080
Class B	N/A	N/A	N/A	N/A	2	20	—*	4
Class C	523	8,042	624	9,096	108	1,290	249	2,945
Class E	—	—	—	—	N/A	N/A	N/A	N/A
Class I	45,016	687,028	20,972	295,297	5,263	62,475	4,430	52,271
Class N	3,145	47,322	5,202	78,803	51	603	53	628
Class R	16	238	23	344	N/A	N/A	N/A	N/A
Class Y	3,009	41,577	506	7,183	2	18	2	24
Shares issued in reinvestment of distributions to shareholders:								
Class A	126	1,890	213	3,027	748	8,855	1,000	11,819
Class B	N/A	N/A	N/A	N/A	—*	4	1	15
Class C	9	135	16	232	14	165	27	323
Class E	—	—	—	—	N/A	N/A	N/A	N/A
Class I	860	13,267	843	11,910	557	6,595	753	8,901
Class N	86	1,307	130	1,800	2	20	1	15
Class R	—*	7	1	9	N/A	N/A	N/A	N/A
Class Y	22	331	17	246	—*	—*	—*	2
Shares redeemed:								
Class A	(2,875)	(40,691)	(3,048)	(40,576)	(5,898)	(69,839)	(6,754)	(79,605)
Class B	N/A	N/A	N/A	N/A	(39)	(458)	(50)	(597)
Class C	(597)	(9,058)	(468)	(6,621)	(794)	(9,449)	(578)	(6,780)
Class E	(204)	(2,775)	—	—	N/A	N/A	N/A	N/A
Class I	(15,868)	(235,789)	(16,148)	(224,153)	(5,491)	(64,978)	(7,064)	(83,098)
Class N	(3,537)	(47,869)	(3,677)	(50,785)	(34)	(400)	(32)	(380)
Class R	(218)	(3,385)	(10)	(158)	N/A	N/A	N/A	N/A
Class Y	(2,142)	(31,217)	(363)	(4,761)	(4)	(48)	(12)	(141)
Net increase (decrease)	<b>29,626</b>	<b>\$ 465,094</b>	<b>8,121</b>	<b>\$ 128,906</b>	<b>(1,752)</b>	<b>\$ (20,600)</b>	<b>(4,079)</b>	<b>\$ (47,574)</b>

\* Not shown due to rounding.

[Table of Contents](#)

	Ivy Municipal High Income Fund				Ivy Pzena International Value Fund			
	Year ended 3-31-21		Year ended 3-31-20		Year ended 3-31-21		Year ended 3-31-20	
	Shares	Value	Shares	Value	Shares	Value	Shares	Value
Shares issued from sale of shares:								
Class A	17,203	\$ 86,465	16,941	\$ 85,565	226	\$ 3,418	232	\$ 3,384
Class B	1	4	38	194	—*	1	—*	3
Class C	586	2,904	1,285	6,493	6	82	6	82
Class E	N/A	N/A	N/A	N/A	—	—	—	—
Class I	15,038	74,959	19,847	99,855	891	13,508	2,090	29,659
Class N	126	632	596	2,986	698	10,541	1,815	25,191
Class R	N/A	N/A	N/A	N/A	—*	2	—*	1
Class Y	28	142	273	1,375	7	103	12	182
Shares issued in reinvestment of distributions to shareholders:								
Class A	3,348	16,688	3,883	19,615	39	640	95	1,498
Class B	5	24	16	83	—	—	—*	1
Class C	289	1,437	459	2,317	—*	4	1	18
Class E	N/A	N/A	N/A	N/A	—	—	—	—
Class I	2,226	11,090	2,978	15,047	72	1,218	160	2,572
Class N	7	37	9	47	79	1,326	180	2,907
Class R	N/A	N/A	N/A	N/A	—*	—*	—*	—*
Class Y	35	173	47	236	1	12	2	24
Shares redeemed:								
Class A	(19,543)	(97,339)	(28,107)	(141,166)	(803)	(11,767)	(1,294)	(18,862)
Class B	(514)	(2,550)	(643)	(3,247)	(4)	(58)	(14)	(179)
Class C	(11,370)	(57,029)	(6,681)	(33,652)	(57)	(764)	(60)	(804)
Class E	N/A	N/A	N/A	N/A	—	—	—	—
Class I	(28,072)	(138,890)	(32,361)	(162,121)	(2,640)	(39,581)	(1,905)	(28,528)
Class N	(191)	(951)	(509)	(2,383)	(3,468)	(49,768)	(1,425)	(21,737)
Class R	N/A	N/A	N/A	N/A	—*	(1)	—*	(5)
Class Y	(307)	(1,536)	(508)	(2,570)	(9)	(141)	(66)	(1,008)
Net decrease	<b>(21,105)</b>	<b>\$ (103,740)</b>	<b>(22,437)</b>	<b>\$ (111,326)</b>	<b>(4,962)</b>	<b>\$ (71,225)</b>	<b>(171)</b>	<b>\$ (5,601)</b>

\* Not shown due to rounding.

[Table of Contents](#)

	Ivy Securian Core Bond Fund				Ivy Small Cap Core Fund			
	Year ended 3-31-21		Year ended 3-31-20		Year ended 3-31-21		Year ended 3-31-20	
	Shares	Value	Shares	Value	Shares	Value	Shares	Value
Shares issued from sale of shares:								
Class A	5,310	\$ 58,791	6,721	\$ 73,422	1,358	\$ 25,921	1,267	\$ 21,736
Class B	4	46	15	162	—*	6	3	48
Class C	406	4,501	700	7,690	159	2,533	214	3,128
Class E(1)	147	1,630	135	1,472	—	—	—	—
Class I	23,331	257,993	36,753	400,806	5,909	108,776	9,082	163,374
Class N	8,159	89,927	8,227	88,382	828	15,727	1,408	25,767
Class R	12	132	15	167	344	6,437	461	7,719
Class T(1)	N/A	N/A	N/A	N/A	—	—	—	—
Class Y	331	3,651	640	7,023	77	1,355	158	2,848
Shares issued in reinvestment of distributions to shareholders:								
Class A	810	8,967	583	6,350	—	—	62	1,109
Class B	1	16	3	34	—	—	1	10
Class C	43	472	28	310	—	—	16	237
Class E(1)	17	192	12	124	—	—	—*	—*
Class I	3,270	36,216	2,373	25,826	—	—	172	3,346
Class N	727	8,053	567	6,175	—	—	32	627
Class R	3	38	4	43	—	—	8	138
Class T(1)	N/A	N/A	N/A	N/A	—	—	—	—
Class Y	39	434	24	266	—	—	3	59
Shares redeemed:								
Class A	(4,803)	(53,058)	(4,887)	(52,958)	(2,384)	(40,912)	(2,745)	(46,197)
Class B	(70)	(780)	(111)	(1,204)	(33)	(422)	(79)	(1,068)
Class C	(797)	(8,822)	(591)	(6,433)	(803)	(11,784)	(839)	(12,111)
Class E(1)	(101)	(1,112)	(80)	(876)	(12)	(189)	—	—
Class I	(25,768)	(284,864)	(23,360)	(254,265)	(9,191)	(172,388)	(9,046)	(166,257)
Class N	(4,496)	(49,898)	(6,440)	(70,252)	(1,924)	(34,404)	(1,437)	(27,032)
Class R	(60)	(665)	(29)	(318)	(399)	(6,766)	(287)	(4,734)
Class T(1)	N/A	N/A	N/A	N/A	(14)	(212)	—	—
Class Y	(686)	(7,524)	(200)	(2,192)	(223)	(4,017)	(535)	(9,710)
Net increase (decrease)	<b>5,829</b>	<b>\$ 64,336</b>	<b>21,102</b>	<b>\$ 229,754</b>	<b>(6,308)</b>	<b>\$ (110,339)</b>	<b>(2,081)</b>	<b>\$ (36,963)</b>

\* Not shown due to rounding.

(1) Effective June 19, 2020, Ivy Small Cap Core Fund liquidated Class E and Class T shares.

[Table of Contents](#)

	Ivy Small Cap Growth Fund				Ivy Value Fund			
	Year ended 3-31-21		Year ended 3-31-20		Year ended 3-31-21		Year ended 3-31-20	
	Shares	Value	Shares	Value	Shares	Value	Shares	Value
Shares issued from sale of shares:								
Class A	5,206	\$ 102,946	5,084	\$ 86,257	1,514	\$ 33,602	1,241	\$ 28,140
Class B	10	120	11	125	1	10	1	23
Class C	337	4,689	591	7,657	39	801	54	1,182
Class E(1)	76	1,471	68	1,152	—	—	—	—
Class I	6,674	177,603	11,100	258,381	9,800	201,131	11,636	256,132
Class N	2,093	58,635	4,299	100,278	1,308	26,190	1,644	34,730
Class R	582	11,392	649	10,731	—	—	—*	4
Class T(2)	—	—	—	—	N/A	N/A	N/A	N/A
Class Y	742	18,872	1,161	25,255	2	42	5	115
Shares issued in reinvestment of distributions to shareholders:								
Class A	5,244	105,236	4,004	66,672	440	9,829	1,312	30,906
Class B	25	309	38	418	1	18	5	112
Class C	560	8,074	472	5,884	10	211	43	968
Class E(1)	61	1,201	43	704	—*	1	1	19
Class I	2,432	70,161	2,104	48,807	1,201	26,865	2,229	52,758
Class N	509	14,799	352	8,224	219	4,904	526	12,483
Class R	305	5,913	246	3,983	—*	—*	—*	—*
Class T(2)	—	—	—	—	N/A	N/A	N/A	N/A
Class Y	317	8,409	294	6,345	—*	3	—*	8
Shares redeemed:								
Class A	(10,618)	(203,908)	(13,645)	(229,276)	(3,163)	(66,550)	(3,272)	(73,976)
Class B	(226)	(2,738)	(362)	(4,175)	(34)	(651)	(32)	(672)
Class C	(2,462)	(36,278)	(2,609)	(33,720)	(273)	(5,552)	(231)	(4,987)
Class E(1)	(105)	(2,015)	(93)	(1,571)	(9)	(185)	—	—
Class I	(13,240)	(357,349)	(15,266)	(351,902)	(10,387)	(225,919)	(8,452)	(193,330)
Class N	(3,409)	(91,077)	(2,588)	(60,031)	(2,664)	(56,073)	(1,642)	(38,578)
Class R	(999)	(18,700)	(1,436)	(23,402)	—	—	—*	(12)
Class T(2)	(14)	(231)	—	—	N/A	N/A	N/A	N/A
Class Y	(1,760)	(43,221)	(2,609)	(56,515)	(6)	(143)	(12)	(277)
Net increase (decrease)	<b>(7,660)</b>	<b>\$ (165,687)</b>	<b>(8,092)</b>	<b>\$ (129,719)</b>	<b>(2,001)</b>	<b>\$ (51,466)</b>	<b>5,056</b>	<b>\$ 105,748</b>

\* Not shown due to rounding.

(1) Effective June 19, 2020, Ivy Value Fund liquidated Class E shares.

(2) Effective June 19, 2020, Ivy Small Cap Growth Fund liquidated Class T shares.

#### 14. COMMITMENTS

Bridge loan commitments may obligate a Fund to furnish temporary financing to a borrower until permanent financing can be arranged. In connection with these commitments, the Fund earns a commitment fee, typically set as a percentage of the commitment amount. Such fee income is included in interest income on the Statement of Operations. At March 31, 2021, there were no outstanding bridge loan commitments.

#### 15. OTHER FUND INFORMATION

At a meeting held on January 12, 2021, the Trustees, upon recommendation of the Audit Committee, selected PricewaterhouseCoopers LLP ("PwC") to serve as the independent registered public accounting firm for the Trust for the fiscal year ending March 31, 2021. PwC affirmed their independence as an independent registered public accounting firm on February 18, 2021. During the fiscal years ended March 31, 2020 and September 30, 2020, Deloitte & Touche LLP's ("Deloitte") audit report on the financial statements of each Fund in the Trust did not contain any adverse opinion or disclaimer of opinion, nor were they qualified or modified as to uncertainty, audit scope, or accounting principles. In addition, there were no disagreements between the Trust and Deloitte on accounting principles, financial statements disclosures or audit scope, which, if not resolved to the satisfaction of Deloitte, would have caused them to make reference to the disagreement in their reports. Neither the Trust nor anyone on its behalf has consulted with PwC at any time prior to their selection with respect to the application of accounting principles to a specified transaction, either completed or proposed or the type of audit opinion that might be rendered on each Fund's financial statements.

[Table of Contents](#)**16. FEDERAL INCOME TAX MATTERS (\$ amounts in thousands)**

For Federal income tax purposes, cost of investments owned at March 31, 2021 and the related unrealized appreciation (depreciation) were as follows:

<b>Fund</b>	<b>Cost of Investments</b>	<b>Gross Appreciation</b>	<b>Gross Depreciation</b>	<b>Net Unrealized Appreciation (Depreciation)</b>
Ivy Core Equity Fund	\$ 2,837,987	\$ 1,843,178	\$ 374	\$ 1,842,804
Ivy Emerging Markets Equity Fund	1,511,779	905,910	26,751	879,159
Ivy Global Bond Fund	472,747	23,065	3,924	19,141
Ivy Global Equity Income Fund	470,384	148,698	4,531	144,167
Ivy Global Growth Fund	650,332	408,911	3,086	405,825
Ivy Government Money Market Fund	199,287	—	—	—
Ivy High Income Fund	4,654,501	170,188	458,685	(288,497)
Ivy International Core Equity Fund	2,044,660	551,055	60,508	490,547
Ivy Large Cap Growth Fund	2,580,134	2,991,925	—	2,991,925
Ivy Limited-Term Bond Fund	1,156,552	21,086	3,373	17,713
Ivy Managed International Opportunities Fund	131,621	47,033	—	47,033
Ivy Mid Cap Growth Fund	3,988,649	3,463,499	16,938	3,446,561
Ivy Mid Cap Income Opportunities Fund	1,186,525	385,582	11,118	374,464
Ivy Municipal Bond Fund	699,123	55,622	665	54,957
Ivy Municipal High Income Fund	970,047	72,396	63,027	9,369
Ivy Pzena International Value Fund	222,926	48,552	11,922	36,630
Ivy Securian Core Bond Fund	1,178,518	32,134	15,774	16,360
Ivy Small Cap Core Fund	562,901	202,672	3,324	199,348
Ivy Small Cap Growth Fund	1,983,986	1,124,029	38,092	1,085,937
Ivy Value Fund	980,144	408,463	3,925	404,538

For Federal income tax purposes, the Funds' undistributed earnings and profit for the year ended March 31, 2021 and the post-October and late-year ordinary activity were as follows:

<b>Fund</b>	<b>Undistributed Ordinary Income</b>	<b>Undistributed Long-Term Capital Gains</b>	<b>Tax Return of Capital</b>	<b>Post-October Capital Losses Deferred</b>	<b>Late-Year Ordinary Losses Deferred</b>
Ivy Core Equity Fund	\$ 83,609	\$ 203,781	\$ —	\$ —	\$ —
Ivy Emerging Markets Equity Fund	10,170	—	—	—	—
Ivy Global Bond Fund	911	—	—	—	—
Ivy Global Equity Income Fund	6,342	15,727	—	—	—
Ivy Global Growth Fund	5,345	42,015	—	—	—
Ivy Government Money Market Fund	27	—	—	—	—
Ivy High Income Fund	1,142	—	—	—	—
Ivy International Core Equity Fund	28,221	—	—	—	—
Ivy Large Cap Growth Fund	87,119	142,698	—	—	—
Ivy Limited-Term Bond Fund	246	—	—	—	—
Ivy Managed International Opportunities Fund	—	—	—	—	69
Ivy Mid Cap Growth Fund	128,694	316,652	—	—	—
Ivy Mid Cap Income Opportunities Fund	1,223	8,572	—	—	—
Ivy Municipal Bond Fund	282	4,543	—	—	—
Ivy Municipal High Income Fund	422	—	—	—	—
Ivy Pzena International Value Fund	1,944	—	—	—	—
Ivy Securian Core Bond Fund	288	—	—	5,847	—
Ivy Small Cap Core Fund	41,392	7,324	—	—	—
Ivy Small Cap Growth Fund	81,414	313,680	—	—	—
Ivy Value Fund	8,518	—	—	—	—

Internal Revenue Code regulations permit each Fund to elect to defer into its next fiscal year capital losses and certain specified ordinary items incurred between each November 1 and the end of its fiscal year. Each Fund is also permitted to defer into its next fiscal certain ordinary losses that are generated between January 1 and the end of its fiscal year.

[Table of Contents](#)

The tax character of dividends and distributions paid during the two fiscal years ended March 31, 2021 and 2020 were as follows:

Fund	March 31, 2021		March 31, 2020	
	Distributed Ordinary Income(1)	Distributed Long-Term Capital Gains	Distributed Ordinary Income(1)	Distributed Long-Term Capital Gains
Ivy Core Equity Fund	\$ 17,813	\$ 93,788	\$ 42,846	\$ 358,060
Ivy Emerging Markets Equity Fund	20,393	—	19,112	—
Ivy Global Bond Fund	12,737	—	10,099	—
Ivy Global Equity Income Fund	11,930	8,427	20,048	7,043
Ivy Global Growth Fund	88	50,869	3,023	7,161
Ivy Government Money Market Fund	97	—	2,010	—
Ivy High Income Fund	260,840	—	331,250	—
Ivy International Core Equity Fund	34,524	—	115,075	—
Ivy Large Cap Growth Fund	6,604	341,545	71,172	469,944
Ivy Limited-Term Bond Fund	17,467	—	23,830	—
Ivy Managed International Opportunities Fund	1,670	—	3,662	8,130
Ivy Mid Cap Growth Fund	10,052	620,487	31,042	217,196
Ivy Mid Cap Income Opportunities Fund	17,427	—	15,322	2,617
Ivy Municipal Bond Fund	17,016	—	23,050	—
Ivy Municipal High Income Fund	35,386	—	44,805	—
Ivy Pzena International Value Fund	3,240	—	7,122	—
Ivy Securian Core Bond Fund	49,871	5,799	37,421	3,152
Ivy Small Cap Core Fund	—	—	948	4,692
Ivy Small Cap Growth Fund	—	221,738	—	146,183
Ivy Value Fund	21,745	20,782	21,440	78,072

(1) Includes short-term capital gains distributed, if any.

Dividends from net investment income and short-term capital gains are treated as ordinary income dividends for federal income tax purposes.

Accumulated capital losses represent net capital loss carryovers as of March 31, 2021 that may be available to offset future realized capital gains and thereby reduce future capital gains distributions. As of March 31, 2021, the capital loss carryovers were as follows:

Fund	Short-Term Capital Loss Carryover	Long-Term Capital Loss Carryover
Ivy Core Equity Fund	\$ —	\$ —
Ivy Emerging Markets Equity Fund	130,076	—
Ivy Global Bond Fund	42,072	24,904
Ivy Global Equity Income Fund	—	—
Ivy Global Growth Fund	—	—
Ivy Government Money Market Fund	—	—
Ivy High Income Fund	165,643	1,008,479
Ivy International Core Equity Fund	80,813	261,541
Ivy Large Cap Growth Fund	—	—
Ivy Limited-Term Bond Fund	3,481	8,307
Ivy Managed International Opportunities Fund	—	3,504
Ivy Mid Cap Growth Fund	—	—
Ivy Mid Cap Income Opportunities Fund	—	—
Ivy Municipal Bond Fund	—	—
Ivy Municipal High Income Fund	4,428	51,951
Ivy Pzena International Value Fund	879	14,152
Ivy Securian Core Bond Fund	—	—
Ivy Small Cap Core Fund	—	—
Ivy Small Cap Growth Fund	—	—
Ivy Value Fund	2,248	22,985

[Table of Contents](#)

Waddell & Reed Advisors Global Bond Fund was merged into Ivy Global Bond Fund as of October 16, 2017. Due to the merger, Ivy Global Bond Fund's capital loss carryovers available to offset future gains are annually limited to \$3,530 plus any unused limitations from prior years.

Waddell & Reed Advisors High Income Fund was merged into Ivy High Income Fund as of February 26, 2018. At the time of the merger, Waddell & Reed Advisors High Income Fund had capital loss carryovers available to offset future gains of the Ivy High Income Fund. These carryovers are annually limited to \$32,329 plus any unused limitations from prior years.

Net investment income dividends and capital gains distributions are determined in accordance with income tax regulations which may differ from U.S. GAAP. These differences are due to differing treatments for items such as deferral of wash sales, post-October losses, late-year ordinary losses, foreign currency transactions, net operating losses, income from passive foreign investment companies (PFICs), swaps, straddles, sec. 1256 contracts and partnership transactions. At March 31, 2021, the following reclassifications were made:

<b>Fund</b>	<b>Accumulated Earnings Gain (Loss)</b>	<b>Paid-In Capital</b>
Ivy Core Equity Fund	\$ 2	\$ (2)
Ivy Emerging Markets Equity Fund	8	(8)
Ivy Global Bond Fund	—	—
Ivy Global Equity Income Fund	—	—
Ivy Global Growth Fund	—	—
Ivy Government Money Market Fund	1	(1)
Ivy High Income Fund	—*	—*
Ivy International Core Equity Fund	—	—
Ivy Large Cap Growth Fund	—	—
Ivy Limited-Term Bond Fund	—	—
Ivy Managed International Opportunities Fund	2	(2)
Ivy Mid Cap Growth Fund	(16,163)	16,163
Ivy Mid Cap Income Opportunities Fund	—	—
Ivy Municipal Bond Fund	—	—
Ivy Municipal High Income Fund	—	—
Ivy Pzena International Value Fund	—	—
Ivy Securian Core Bond Fund	—	—
Ivy Small Cap Core Fund	—	—
Ivy Small Cap Growth Fund	(10,300)	10,300
Ivy Value Fund	3	(3)

\* Not shown due to rounding.

[Table of Contents](#)**REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM**

IVY FUNDS

To the Board of Trustees of Ivy Funds and Shareholders of Ivy Core Equity Fund, Ivy Emerging Markets Equity Fund, Ivy Global Bond Fund, Ivy Global Equity Income Fund, Ivy Global Growth Fund, Ivy Government Money Market Fund, Ivy High Income Fund, Ivy International Core Equity Fund, Ivy Large Cap Growth Fund, Ivy Limited-Term Bond Fund, Ivy Managed International Opportunities Fund, Ivy Mid Cap Growth Fund, Ivy Mid Cap Income Opportunities Fund, Ivy Municipal Bond Fund, Ivy Municipal High Income Fund, Ivy Pzena International Value Fund, Ivy Securian Core Bond Fund, Ivy Small Cap Core Fund, Ivy Small Cap Growth Fund, and Ivy Value Fund

**Opinions on the Financial Statements**

We have audited the accompanying statements of assets and liabilities, including the schedules of investments, of Ivy Core Equity Fund, Ivy Emerging Markets Equity Fund, Ivy Global Bond Fund, Ivy Global Equity Income Fund, Ivy Global Growth Fund, Ivy Government Money Market Fund, Ivy High Income Fund, Ivy International Core Equity Fund, Ivy Large Cap Growth Fund, Ivy Limited-Term Bond Fund, Ivy Managed International Opportunities Fund, Ivy Mid Cap Growth Fund, Ivy Mid Cap Income Opportunities Fund, Ivy Municipal Bond Fund, Ivy Municipal High Income Fund, Ivy Pzena International Value Fund, Ivy Securian Core Bond Fund, Ivy Small Cap Core Fund, Ivy Small Cap Growth Fund, and Ivy Value Fund (twenty of the funds constituting Ivy Funds, hereafter collectively referred to as the "Funds") as of March 31, 2021, the related statements of operations and changes in net assets, including the related notes, and the financial highlights for the year then ended (collectively referred to as the "financial statements"). In our opinion, the financial statements present fairly, in all material respects, the financial position of each of the Funds as of March 31, 2021, and the results of each of their operations, changes in each of their net assets, and each of the financial highlights for the year then ended in conformity with accounting principles generally accepted in the United States of America.

The financial statements of the Funds, as of and for the year ended March 31, 2020 and the financial highlights for each of the periods ended on or prior to March 31, 2020 (not presented herein, other than the statements of changes in net assets and the financial highlights) were audited by other auditors whose report dated May 18, 2020 expressed an unqualified opinion on those financial statements and financial highlights.

**Basis for Opinions**

These financial statements are the responsibility of the Funds' management. Our responsibility is to express an opinion on the Funds' financial statements based on our audits. We are a public accounting firm registered with the Public Company Accounting Oversight Board (United States) (PCAOB) and are required to be independent with respect to the Funds in accordance with the U.S. federal securities laws and the applicable rules and regulations of the Securities and Exchange Commission and the PCAOB.

We conducted our audits of these financial statements in accordance with the standards of the PCAOB. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement, whether due to error or fraud.

Our audits included performing procedures to assess the risks of material misstatement of the financial statements, whether due to error or fraud, and performing procedures that respond to those risks. Such procedures included examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements. Our audits also included evaluating the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of the financial statements.

Our procedures included confirmation of securities owned as of March 31, 2021 by correspondence with the custodian, transfer agents and brokers; when replies were not received from brokers, we performed other auditing procedures. We believe that our audits provide a reasonable basis for our opinions.

/s/ PricewaterhouseCoopers LLP  
Philadelphia, Pennsylvania  
June 21, 2021

We have served as the auditor of one or more investment companies in Ivy Funds since 2021.

[Table of Contents](#)**OTHER INFORMATION****IVY FUNDS**

(UNAUDITED)

1. Effective July 1, 2021, investors in Class A shares of Ivy Core Equity Fund, Ivy Large Cap Growth Fund, Ivy Mid Cap Growth Fund, Ivy Mid Cap Income Opportunities Fund, Ivy Small Cap Core Fund, Ivy Small Cap Growth Fund, Ivy Value Fund, Ivy Emerging Markets Equity Fund, Ivy Global Equity Income Fund, Ivy Global Growth Fund, Ivy International Core Equity Fund, Ivy Managed International Opportunities Fund and Ivy Pzena International Value Fund, will pay a Maximum Sales Charge (Load) Imposed on Purchases of 5.75% for investments less than \$50,000 and as follows:

<b>Investment Amount</b>	<b>Front End Sales Load</b>	<b>Dealer Concession</b>	<b>Advanced Commission (Finders Fee)</b>	<b>CDSC</b>
Less than \$50,000	5.75%	5.00%		
\$50,000 — \$99,999	4.75%	4.00%		
\$100,000 — \$249,999	3.75%	3.00%		
\$250,000 — \$499,999	2.50%	2.00%		
\$500,000 — \$999,999	2.00%	1.60%		
\$1 million up to \$5 million	0.00%	0.00%	1.00%	1% for 18 months
\$5 million up to \$25 million	0.00%	0.00%	0.50%	1% for 18 months
\$25 million or more	0.00%	0.00%	0.25%	1% for 18 months

There is no front-end sales charge when you purchase \$1 million or more of Class A shares. However, if Delaware Distributors, L.P. (Distributor) or a predecessor distributor paid your financial intermediary a commission on your purchase that received an NAV break point of Class A shares, for shares of the Funds purchased prior to July 1, 2021, you will have to pay a Limited CDSC of 1.00% if you redeem these shares within the first year after your purchase; or if the Distributor paid your financial intermediary a commission on your purchase of \$1 million or more of Class A shares that received an NAV breakpoint, for shares purchased on or after July 1, 2021 that are subject to a CDSC, you will have to pay a Limited CDSC of 1.00% if you redeem these shares within the first 18 months after your purchase, unless a specific waiver of the Limited CDSC applies. The Limited CDSC will be paid to the Distributor and will be assessed on an amount equal to the lesser of: (1) the NAV at the time the Class A shares being redeemed were purchased; or (2) the NAV of such Class A shares at the time of redemption. For purposes of this formula, the “NAV at the time of purchase” will be the NAV at purchase of the Class A shares even if those shares are later exchanged for shares of another Delaware Fund and, in the event of an exchange of Class A shares, the “NAV of such shares at the time of redemption” will be the NAV of the shares acquired in the exchange. In determining whether a Limited CDSC is payable, it will be assumed that shares not subject to the Limited CDSC are the first redeemed followed by other shares held for the longest period of time.

2. Effective July 1, 2021, investors in Class A shares of Ivy High Income Fund, Ivy Securian Core Bond Fund, and Ivy Global Bond Fund, will pay a Maximum Sales Charge (Load) Imposed on Purchases of 4.50% for investments less than \$100,000 and as follows:

<b>Investment Amount</b>	<b>Front End Sales Load</b>	<b>Dealer Concession</b>	<b>Advanced Commission (Finders Fee)</b>	<b>CDSC</b>
Less than \$100,000	4.50%	4.00%		
\$100,000 — \$249,999	3.50%	3.00%		
\$250,000 — \$499,999	2.50%	2.00%		
\$500,000 — \$999,999	2.00%	1.60%		
\$1 million up to \$5 million	0.00%	0.00%	1.00%	1% for 18 months
\$5 million up to \$25 million	0.00%	0.00%	0.50%	1% for 18 months
\$25 million or more	0.00%	0.00%	0.25%	1% for 18 months

There is no front-end sales charge when you purchase \$1 million or more of Class A shares. However, if Delaware Distributors, L.P. (Distributor) or a predecessor distributor paid your financial intermediary a commission on your purchase that received an NAV breakpoint of Class A shares, for shares of the Funds purchased prior to July 1, 2021, you will have to pay a Limited CDSC of 1.00% if you redeem these shares within the first year after your purchase; or if the Distributor paid your financial intermediary a commission on your purchase of \$1 million or more of Class A shares that received an NAV

[Table of Contents](#)

breakpoint, for shares purchased on or after July 1, 2021 that are subject to a CDSC, you will have to pay a Limited CDSC of 1.00% if you redeem these shares within the first 18 months after your purchase, unless a specific waiver of the Limited CDSC applies. The Limited CDSC will be paid to the Distributor and will be assessed on an amount equal to the lesser of: (1) the NAV at the time the Class A shares being redeemed were purchased; or (2) the NAV of such Class A shares at the time of redemption. For purposes of this formula, the “NAV at the time of purchase” will be the NAV at purchase of the Class A shares even if those shares are later exchanged for shares of another Delaware Fund and, in the event of an exchange of Class A shares, the “NAV of such shares at the time of redemption” will be the NAV of the shares acquired in the exchange. In determining whether a Limited CDSC is payable, it will be assumed that shares not subject to the Limited CDSC are the first redeemed followed by other shares held for the longest period of time.

3. Effective July 1, 2021, investors in Class A shares of Ivy Municipal Bond Fund and Ivy Municipal High Income Fund, will pay a Maximum Sales Charge (Load) Imposed on Purchases of 4.50% for investments less than \$100,000 and as follows:

Investment Amount	Front End Sales Load	Dealer Concession	Advanced Commission (Finders Fee)	CDSC
Less than \$100,000	4.50%	4.00%		
\$100,000 — \$249,999	3.50%	3.00%		
\$250,000 up to \$5 million	0.00%	0.00%	1.00%	1% for 18 months
\$5 million up to \$25 million	0.00%	0.00%	0.50%	1% for 18 months
\$25 million or more	0.00%	0.00%	0.25%	1% for 18 months

There is no front-end sales charge when you purchase \$250,000 or more of Class A shares. However, if Delaware Distributors, L.P. (Distributor) or a predecessor distributor paid your financial intermediary a commission on your purchase that received an NAV break point of Class A shares, for shares of the Funds purchased prior to July 1, 2021, you will have to pay a Limited CDSC of 1.00% if you redeem these shares with in the first year after your purchase; or if the Distributor paid your financial intermediary a commission on your purchase of \$250,000 or more of Class A shares that received an NAV break point, for shares purchased on or after July 1, 2021 that are subject to a CDSC, you will have to pay a Limited CDSC of 1.00% if you redeem these shares with in the first 18 months after your purchase, unless a specific waiver of the Limited CDSC applies. The Limited CDSC will be paid to the Distributor and will be assessed on an amount equal to the lesser of: (1) the NAV at the time the Class A shares being redeemed were purchased; or (2) the NAV of such Class A shares at the time of redemption. For purposes of this formula, the “NAV at the time of purchase” will be the NAV at purchase of the Class A shares even if those shares are later exchanged for shares of another Delaware Fund and, in the event of an exchange of Class A shares, the “NAV of such shares at the time of redemption” will be the NAV of the shares acquired in the exchange. In determining whether a Limited CDSC is payable, it will be assumed that shares not subject to the Limited CDSC are the first redeemed followed by other shares held for the longest period of time.

4. Effective July 1, 2021, investors in Class A shares of Ivy Limited-Term Bond Fund will pay a Maximum Sales Charge (Load) Imposed on Purchases of 2.75% for investments less than \$100,000 and as follows:

Investment Amount	Front End Sales Load	Dealer Concession	Advanced Commission (Finders Fee)	CDSC
Less than \$100,000	2.75%	2.35%		
\$100,000 — \$249,999	2.00%	1.75%		
\$250,000 — \$999,999	1.00%	0.75%		
\$1 million up to \$5 million	0.00%	0.00%	0.75%	0.75% for 12 Mo
\$5 million up to \$25 million	0.00%	0.00%	0.50%	0.75% for 12 Mo
\$25 million or more	0.00%	0.00%	0.25%	0.75% for 12 Mo

There is no front-end sales charge when you purchase \$1 million or more of Class A shares. However, if Delaware Distributors, L.P. (Distributor) or a predecessor distributor paid your financial intermediary a commission on your purchase that received an NAV breakpoint of Class A shares, for shares of the Funds purchased prior to July 1, 2021, you will have to pay a Limited CDSC of 1.00% if you redeem these shares within the first year after your purchase; or if the Distributor paid your financial intermediary a commission on your purchase of \$1 million or more of Class A shares that received an NAV breakpoint, for shares purchased on or after July 1, 2021 that are subject to a CDSC, you will have to pay a Limited CDSC of 0.75% if you redeem these shares within the first 12 months after your purchase, unless a specific waiver of the Limited

[Table of Contents](#)

---

CDSC applies. The Limited CDSC will be paid to the Distributor and will be assessed on an amount equal to the lesser of: (1) the NAV at the time the Class A shares being redeemed were purchased; or (2) the NAV of such Class A shares at the time of redemption. For purposes of this formula, the “NAV at the time of purchase” will be the NAV at purchase of the Class A shares even if those shares are later exchanged for shares of another Delaware Fund and, in the event of an exchange of Class A shares, the “NAV of such shares at the time of redemption” will be the NAV of the shares acquired in the exchange. In determining whether a Limited CDSC is payable, it will be assumed that shares not subject to the Limited CDSC are the first redeemed followed by other shares held for the longest period of time.

The individual Funds herein have adopted a Liquidity Risk Management Program (the “Program”). The Fund’s board has designated a Liquidity Risk Management Committee (the “Committee”) as the administrator of the Program. The Committee or delegates of the Committee conduct the day-to-day operation of the Program. Under the Program, the Committee manages the Fund’s liquidity risk, which is the risk that any Fund could not meet shareholder redemption requests without significant dilution of remaining shareholders’ interests in the Fund. This risk is managed by monitoring the degree of liquidity of the Fund’s investments, limiting the amount of the Fund’s illiquid investments, and utilizing various risk management tools and facilities available to the Fund for meeting shareholder redemptions, among other means. The Committee’s process of determining the degree of liquidity of the Fund’s investments is supported by one or more third-party liquidity assessment vendors. The Fund’s board reviewed a report prepared by a designee of the Committee regarding the operation, adequacy and effectiveness of the Program from the period April 1, 2020, through December 31, 2020. The report described the Program’s liquidity classification methodology and the methodology in establishing a Fund’s Highly Liquid Investment Minimum (“HLIM”), if necessary. The Committee reported that during the period covered by the report, there were no material changes to the Program and no significant liquidity events impacting the Fund or its ability to timely meet redemptions without dilution to existing shareholders. In addition, the Committee provided its assessment that the Program, including the operation of each Fund’s HLIM, where applicable, had been effective in managing the Fund’s liquidity risk.

260 ANNUAL REPORT 2021

[Table of Contents](#)**INCOME TAX INFORMATION****IVY FUNDS**

(UNAUDITED)

The Funds hereby designate the following amounts of dividends paid from net ordinary income as dividends qualifying for the 70% dividends received deduction and Section 163(j) interest dividends eligible to be treated as interest income for purposes of Section 163(j) for corporations or as qualified dividend income for individuals for the tax period ended March 31, 2021:

	<b>Dividends Received Deduction for Corporations</b>	<b>Section 163(j) Interest Dividends for Corporations</b>	<b>Qualified Dividend Income for Individuals</b>
Ivy Core Equity Fund	\$ 17,813,049	\$ —	\$ 17,813,049
Ivy Emerging Markets Equity Fund	404,561	—	18,932,206
Ivy Global Bond Fund	—	2,703,019	—
Ivy Global Equity Income Fund	5,517,657	—	11,975,217
Ivy Global Growth Fund	88,009	—	88,009
Ivy Government Money Market Fund	—	58,465	—
Ivy High Income Fund	—	252,198,191	—
Ivy International Core Equity Fund	—	—	42,956,723
Ivy Large Cap Growth Fund	6,603,661	—	6,603,661
Ivy Limited-Term Bond Fund	—	17,134,600	—
Ivy Managed International Opportunities Fund	189,568	—	2,088,078
Ivy Mid Cap Growth Fund	6,338,125	—	6,314,446
Ivy Mid Cap Income Opportunities Fund	17,427,083	—	17,427,083
Ivy Municipal Bond Fund	—	—	—
Ivy Municipal High Income Fund	—	—	—
Ivy Pzena International Value Fund	—	—	3,929,898
Ivy Securian Core Bond Fund	—	27,668,156	—
Ivy Small Cap Core Fund	—	—	—
Ivy Small Cap Growth Fund	—	—	—
Ivy Value Fund	17,377,276	—	17,510,639

Ivy Municipal Bond Fund and Ivy Municipal High Income Fund hereby designate \$16,587,250 and \$35,206,817, respectively, of the dividends declared from net investment income as exempt from federal income tax for the tax period ending March 31, 2021.

The Funds hereby designate the following amounts as distributions of long-term capital gains:

Ivy Core Equity Fund	\$ 93,787,946
Ivy Emerging Markets Equity Fund	—
Ivy Global Bond Fund	—
Ivy Global Equity Income Fund	8,427,113
Ivy Global Growth Fund	50,869,467
Ivy Government Money Market Fund	—
Ivy High Income Fund	—
Ivy International Core Equity Fund	—
Ivy Large Cap Growth Fund	341,544,969
Ivy Limited-Term Bond Fund	—
Ivy Managed International Opportunities Fund	—
Ivy Mid Cap Growth Fund	636,650,260
Ivy Mid Cap Income Opportunities Fund	—
Ivy Municipal Bond Fund	—
Ivy Municipal High Income Fund	—
Ivy Pzena International Value Fund	—
Ivy Securian Core Bond Fund	5,798,539
Ivy Small Cap Core Fund	—
Ivy Small Cap Growth Fund	232,038,304
Ivy Value Fund	20,781,724

Income from Ivy Municipal Bond Fund and Ivy Municipal High Income Fund may be subject to the alternative minimum tax. Shareholders are advised to consult with their tax advisors concerning the tax treatment of dividends and distributions from all the Funds.

[Table of Contents](#)

The Funds utilized the following earnings and profits distributed to shareholders on the redemption of shares as part of the dividends paid deduction:

Ivy Core Equity Fund	\$	—
Ivy Emerging Markets Equity Fund		—
Ivy Global Bond Fund		—
Ivy Global Equity Income Fund		—
Ivy Global Growth Fund		—
Ivy Government Money Market Fund		—
Ivy High Income Fund		—
Ivy International Core Equity Fund		—
Ivy Large Cap Growth Fund		—
Ivy Limited-Term Bond Fund		—
Ivy Managed International Opportunities Fund		—
Ivy Mid Cap Growth Fund		16,163,000
Ivy Mid Cap Income Opportunities Fund		—
Ivy Municipal Bond Fund		—
Ivy Municipal High Income Fund		—
Ivy Pzena International Value Fund		—
Ivy Securian Core Bond Fund		—
Ivy Small Cap Core Fund		—
Ivy Small Cap Growth Fund		10,300,000
Ivy Value Fund		—

Internal Revenue Code regulations permit each qualifying Fund to elect to pass through a foreign tax credit to shareholders with respect to foreign taxes paid by the Fund. As of March 31, 2021, the Funds hereby designate the following as a foreign tax credit from the taxes paid on income derived from sources within foreign countries or possession of the United States:

	Foreign Tax Credit	Foreign Derived Income
Ivy Emerging Markets Equity Fund	\$ 3,937,685	\$ 28,199,103
Ivy Global Equity Income Fund	1,217,991	11,702,528
Ivy International Core Equity Fund	4,560,487	63,613,544
Ivy Managed International Opportunities Fund	426,973	2,130,380
Ivy Pzena International Value Fund	524,473	6,127,050

Shareholders are advised to consult with their tax advisors concerning the tax treatment of dividends and distributions from all the Funds.

The tax status of dividends paid and the pass-through of foreign taxes paid will be reported to you on Form 1099-DIV after the close of the applicable calendar year.

[Table of Contents](#)**BOARD OF TRUSTEES / DIRECTORS AND OFFICERS ADDENDUM**

IVY FUNDS

**Delaware Funds® by Macquarie****Interested Trustee**

<b>Name, Address, and Birth Date</b>	<b>Position(s) Held with the Fund</b>	<b>Length of Time Served</b>	<b>Principal Occupation(s) During the Past Five Years</b>	<b>Number of Portfolios in Fund Complex Overseen by Trustee</b>	<b>Other Directorships Held by Trustee or Officer</b>
Shawn K. Lytle <sup>1</sup> 100 Independence, 610 Market Street Philadelphia, PA 19106-2354 February 1970	President, Chief Executive Officer, and Trustee	President and Chief Executive Officer since August 2015 Trustee since September 2015	Global Head of Macquarie Investment Management <sup>2</sup> (January 2019-Present); Head of Americas of Macquarie Group (December 2017-Present); Deputy Global Head of Macquarie Investment Management (2017-2019); Head of Macquarie Investment Management Americas (2015-2017)	160	Trustee — UBS Relationship Funds, SMA Relationship Trust, and UBS Funds (May 2010- April 2015)

**Independent Trustees**

Jerome D. Abernathy <sup>3</sup> 100 Independence, 610 Market Street Philadelphia, PA 19106-2354 July 1959	Trustee	Since January 2019	Managing Member, Stonebrook Capital Management, LLC (financial technology: macro factors and databases) (January 1993-Present)	160	None
Thomas L. Bennett <sup>3</sup> 100 Independence, 610 Market Street Philadelphia, PA 19106-2354 October 1947	Chair and Trustee	Trustee since March 2015 Chair since March 2015	Private Investor (March 2004-Present)	160	None
Ann D. Borowiec <sup>3</sup> 100 Independence, 610 Market Street Philadelphia, PA 19106-2354 November 1958	Trustee	Since March 2015	Chief Executive Officer, Private Wealth Management (2011-2013) and Market Manager, New Jersey Private Bank (2005-2011) — J.P. Morgan Chase & Co.	160	Director — Banco Santander International (October 2016-December 2019) Director — Santander Bank, N.A. (December 2016-December 2019)
Joseph W. Chow <sup>3</sup> 100 Independence, 610 Market Street Philadelphia, PA 19106-2354 January 1953	Trustee	Since January 2013	Private Investor (April 2011-Present)	160	Director and Audit Committee Member — Hercules Technology Growth Capital, Inc. (July 2004-July 2014)

[Table of Contents](#)

<b>Name, Address, and Birth Date</b>	<b>Position(s) Held with the Fund</b>	<b>Length of Time Served</b>	<b>Principal Occupation(s) During the Past Five Years</b>	<b>Number of Portfolios in Fund Complex Overseen by Trustee</b>	<b>Other Directorships Held by Trustee or Officer</b>
H. Jeffrey Dobbs 100 Independence, 610 Market Street Philadelphia, PA 19106-2354 May 1955	Trustee	Since April 2019	Global Sector Chairman, Industrial Manufacturing, KPMG LLP (2010-2015)	89	<p>Director, Valparaiso University (2012-Present)</p> <p>Director, TechAccel LLC (2015-Present) (Tech R&amp;D)</p> <p>Board Member, Kansas City Repertory Theatre (2015-Present)</p> <p>Board Member, PatientsVoices, Inc. (healthcare) (2018-Present)</p> <p>Kansas City Campus for Animal Care (2018-Present)</p> <p>Director, National Association of Manufacturers (2010-2015)</p> <p>Director, The Children's Center (2003-2015)</p> <p>Director, Metropolitan Affairs Coalition (2003-2015)</p> <p>Director, Michigan Roundtable for Diversity and Inclusion (2003-2015)</p> <p>Trustee, Ivy NextShares (2019)</p>
John A. Fry <sup>3</sup> 100 Independence, 610 Market Street Philadelphia, PA 19106-2354 May 1960	Trustee	Since January 2001	<p>President — Drexel University (August 2010-Present)</p> <p>President — Franklin &amp; Marshall College (July 2002-June 2010)</p>	160	<p>Director; Compensation Committee and Governance Committee Member — Community Health Systems (May 2004-Present)</p> <p>Director — Drexel Morgan &amp; Co. (2015-December 2019)</p> <p>Director and Audit Committee Member — vTv Therapeutics Inc. (2017-Present)</p> <p>Director and Audit Committee Member — FS Credit Real Estate Income Trust, Inc. (2018-Present)</p> <p>Director and Audit Committee Member — Federal Reserve Bank of Philadelphia (January 2020-Present)</p>

[Table of Contents](#)

<b>Name, Address, and Birth Date</b>	<b>Position(s) Held with the Fund</b>	<b>Length of Time Served</b>	<b>Principal Occupation(s) During the Past Five Years</b>	<b>Number of Portfolios in Fund Complex Overseen by Trustee</b>	<b>Other Directorships Held by Trustee or Officer</b>
Joseph Harroz, Jr. 100 Independence, 610 Market Street Philadelphia, PA 19106-2354 January 1967	Trustee	Since November 1998	President (2020-Present), Interim President (2019-2020), Vice President (2010-2019) and Dean (2010-2019), College of Law, University of Oklahoma; Managing Member, Harroz Investments, LLC, (commercial enterprises) (1998-2019); Managing Member, St. Clair, LLC (commercial enterprises) (2019-Present)	89	Director, OU Medicine, Inc. (2020 to present); Director and Shareholder, Valliance Bank (2007-Present)  Director, Foundation Healthcare (formerly Graymark HealthCare) (2008-2017)  Trustee, the Mewbourne Family Support Organization (2006-Present) (non-profit)  Independent Director, LSQ Manager, Inc. (real estate) (2007-2016)  Director, Oklahoma Foundation for Excellence (non-profit) (2008-Present)  Independent Chairman and Trustee, Waddell & Reed Advisors Funds (WRA Funds) (Independent Chairman: 2015-2018; Trustee: 1998-2018)  Independent Chairman and Trustee, Ivy NextShares (2016-2019)

[Table of Contents](#)

<b>Name, Address, and Birth Date</b>	<b>Position(s) Held with the Fund</b>	<b>Length of Time Served</b>	<b>Principal Occupation(s) During the Past Five Years</b>	<b>Number of Portfolios in Fund Complex Overseen by Trustee</b>	<b>Other Directorships Held by Trustee or Officer</b>
Sandra A.J. Lawrence 100 Independence, 610 Market Street Philadelphia, PA 19106-2354 September 1957	Trustee	Since April 2019	Retired; formerly, Chief Administrative Officer, Children's Mercy Hospitals and Clinics (2016-2019); CFO, Children's Mercy Hospitals and Clinics (2005-2016)	89	<p>Director, Hall Family Foundation (1993-Present)</p> <p>Director, Westar Energy (utility) (2004-2018)</p> <p>Trustee, Nelson-Atkins Museum of Art (non-profit) (2007-2020)</p> <p>Director, Turn the Page KC (non-profit) (2012-2016)</p> <p>Director, Kansas Metropolitan Business and Healthcare Coalition (non-profit) (2017-2019)</p> <p>Director, National Association of Corporate Directors (non-profit) (2017-Present)</p> <p>Director, American Shared Hospital Services (medical device) (2017-Present)</p> <p>Director, Evergy, Inc., Kansas City Power &amp; Light Company, KCP&amp;L Greater Missouri Operations Company, Westar Energy, Inc. and Kansas Gas and Electric Company (related utility companies) (2018-Present)</p> <p>Director, Stowers (research) (2018)</p> <p>CoChair, Women Corporate Directors (director education) (2018-2020)</p> <p>Trustee, Ivy NextShares (2019)</p>

[Table of Contents](#)

<b>Name, Address, and Birth Date</b>	<b>Position(s) Held with the Fund</b>	<b>Length of Time Served</b>	<b>Principal Occupation(s) During the Past Five Years</b>	<b>Number of Portfolios in Fund Complex Overseen by Trustee</b>	<b>Other Directorships Held by Trustee or Officer</b>
Frances A. Sevilla-Sacasa <sup>3</sup> 100 Independence, 610 Market Street Philadelphia, PA 19106-2354 January 1956	Trustee	Since September 2011	Private Investor (January 2017-Present)  Chief Executive Officer — Banco Itaú International (April 2012-December 2016)  Executive Advisor to Dean (August 2011-March 2012) and Interim Dean (January 2011-July 2011) — University of Miami School of Business Administration  President — U.S. Trust, Bank of America Private Wealth Management (Private Banking) (July 2007-December 2008)	160	Trust Manager and Audit Committee Chair — Camden Property Trust (August 2011-Present)  Director; Strategic Planning and Reserves Committee and Nominating and Governance Committee Member — Callon Petroleum Company (December 2019-Present)  Director — New Senior Investment Group Inc. (January 2021-Present)  Director; Audit Committee Member — Carrizo Oil & Gas, Inc. (March 2018-December 2019)
Thomas K. Whitford <sup>3</sup> 100 Independence, 610 Market Street Philadelphia, PA 19106-2354 March 1956	Trustee	Since January 2013	Vice Chairman (2010-April 2013) — PNC Financial Services Group	160	Director — HSBC North America Holdings Inc. (December 2013-Present)  Director — HSBC USA Inc. (July 2014-Present)  Director — HSBC Bank USA, National Association (July 2014-March 2017)  Director — HSBC Finance Corporation (December 2013-April 2018)

[Table of Contents](#)

<b>Name, Address, and Birth Date</b>	<b>Position(s) Held with the Fund</b>	<b>Length of Time Served</b>	<b>Principal Occupation(s) During the Past Five Years</b>	<b>Number of Portfolios in Fund Complex Overseen by Trustee</b>	<b>Other Directorships Held by Trustee or Officer</b>
Christianna Wood <sup>3</sup> 100 Independence, 610 Market Street Philadelphia, PA 19106-2354 August 1959	Trustee	Since January 2019	Chief Executive Officer and President — Gore Creek Capital, Ltd. (August 2009-Present)	160	Director; Finance Committee and Audit Committee Member — H&R Block Corporation (July 2008-Present)  Director; Investments Committee, Capital and Finance Committee and Audit Committee Member — Grange Insurance (2013-Present)  Trustee; Chair of Nominating and Governance Committee and Member of Audit Committee — The Merger Fund (2013-Present), The Merger Fund VL (2013-Present), WCM Alternatives: Event-Driven Fund (2013-Present), and WCM Alternatives: Credit Event Fund (December 2017-Present)  Director; Chair of Governance Committee and Audit Committee Member — International Securities Exchange (2010-2016)
Janet L. Yeomans <sup>3</sup> 100 Independence, 610 Market Street Philadelphia, PA 19106-2354 July 1948	Trustee	Since April 1999	Vice President and Treasurer (January 2006-July 2012) Vice President — Mergers & Acquisitions (January 2003-January 2006), and Vice President and Treasurer (July 1995-January 2003) — 3M Company	160	Director; Personnel and Compensation Committee Chair; Member of Nominating, Investments, and Audit Committees for various periods throughout directorship — Okabena Company (2009-2017)

[Table of Contents](#)**Officers**

	<b>Position(s) Held with the Trust</b>	<b>Length of Time Served</b>	<b>Principal Occupation(s) During the Past Five Years</b>
David F. Connor <sup>4</sup> 100 Independence, 610 Market Street Philadelphia, PA 19106-2354 December 1963	Senior Vice President, General Counsel, and Secretary	Senior Vice President, General Counsel, and Secretary since April 2021	David F. Connor has served in various capacities at different times at Macquarie Investment Management.
Daniel V. Geatens <sup>4</sup> 100 Independence, 610 Market Street Philadelphia, PA 19106-2354 October 1972	Senior Vice President and Treasurer	Senior Vice President and Treasurer since April 2021	Daniel V. Geatens has served in various capacities at different times at Macquarie Investment Management.
Richard Salus 100 Independence, 610 Market Street Philadelphia, PA 19106-2354 October 1963	Senior Vice President and Chief Financial Officer	Senior Vice President and Chief Financial Officer since April 2021	Richard Salus has served in various capacities at different times at Macquarie Investment Management.

<sup>1</sup> Shawn K. Lytle is considered to be an "Interested Trustee" because he is an executive officer of the Manager. Mr. Lytle was appointed as Trustee of the Trust effective April 30, 2021.

<sup>2</sup> Macquarie Investment Management is the marketing name for certain companies comprising the asset management division of Macquarie Group, including the Funds' Manager, principal underwriter, and transfer agent.

<sup>3</sup> Messrs. Abernathy, Bennett, Chow, Fry, Whitford, and Mss. Borowiec, Sevilla-Sacasa, Wood, Yeomans were appointed as Trustees of the Trust effective April 30, 2021.

<sup>4</sup> David F. Connor and Daniel V. Geatens serve in similar capacities for the six portfolios of the Optimum Fund Trust, which have the same investment manager, principal underwriter, and transfer agent as the Funds. Mr. Geatens also serves as the Chief Financial Officer of the Optimum Fund Trust, and he is the Chief Financial Officer and Treasurer for Macquarie Global Infrastructure Total Return Fund Inc., which has the same investment manager as the Funds.

[Table of Contents](#)**ANNUAL PRIVACY NOTICE**

IVY FUNDS

(UNAUDITED)

<b>FACTS</b>	What does Ivy Funds do with your personal information?
<b>Why?</b>	Financial companies choose how they share your personal information. Federal law gives consumers the right to limit some but not all sharing. Federal law also requires us to tell you how we collect, share and protect your personal information. Please read this notice carefully to understand what we do.
<b>What?</b>	The types of personal information we collect and share depend on the product or service you have with us. The information can include: <ul style="list-style-type: none"> <li>• Social Security Number and income,</li> <li>• Assets and transaction history, and</li> <li>• Checking account information and wire transfer instructions.</li> </ul>
	When you are no longer our customer, we continue to share your information as described in this notice.
<b>How?</b>	All financial companies need to share customers' personal information to conduct everyday business. In the section below, we list the reasons financial companies can share their customers' personal information, the reasons Ivy Funds chooses to share, and whether you can limit this sharing.

Reasons we can share your personal information	Does Ivy Funds share?	Can you limit this sharing?
For our everyday business purposes – such as to process your transactions, maintain your accounts, respond to court orders and legal investigations or report to credit bureaus	Yes	No
For our marketing purposes – to offer our products and services to you	Yes	No
For joint marketing with other financial companies	No	We don't share
For our affiliates' everyday business purposes – information about your transactions and experiences	Yes	No
For our affiliates everyday business purposes – information about your creditworthiness	No	We don't share
For our affiliates to market to you	No	We don't share
For non-affiliates to market to you	No	We don't share

<b>Questions?</b>	Call 1(800) 777-6472 with questions about this notice. Client service representatives are available Monday through Friday from 7:30 am to 7:00 pm CST. You may also go to <a href="http://www.ivyinvestments.com/privacy_policy">www.ivyinvestments.com/privacy_policy</a> .
	If we serve you through an investment professional, such as a registered representative of a broker-dealer or an investment adviser representative (each, a "financial advisor"), please contact them directly. Specific internet addresses, mailing addresses and telephone numbers are listed on your statements and other correspondence.

<b>Who we are</b>	
Who is providing this notice?	Ivy Funds
<b>What we do</b>	
How does Ivy Funds protect my personal information?	To protect your personal information from unauthorized access and use, we use security measures that comply with federal law. These measures include computer safeguards and secured files and buildings.
How does Ivy Funds collect my personal information?	We collect your personal information, for example, when you: <ul style="list-style-type: none"> <li>• Give us your contact information or other personal information,</li> <li>• Open an account, or</li> <li>• Make deposits to an account or withdrawals from an account.</li> </ul>
	We also collect your personal information from our affiliates.
Why can't I limit all sharing?	Federal law gives you the right to limit only: <ul style="list-style-type: none"> <li>• Sharing for affiliates' everyday business purposes – information about your creditworthiness,</li> <li>• Affiliates from using your information to market to you, and</li> <li>• Sharing for non-affiliates to market to you.</li> </ul>
	State laws and individual companies may give you additional rights to limit sharing.

[Table of Contents](#)

<b>Definitions</b>	
Affiliates	Companies related by common ownership or control. They can be financial and nonfinancial companies. <ul style="list-style-type: none"> <li>• <i>Affiliates of Ivy Funds include Waddell &amp; Reed Services Company, Ivy Distributors, Inc., and Ivy Investment Management Company.</i></li> </ul>
Non-affiliates	Companies not related by common ownership or control. They can be financial and nonfinancial companies. <ul style="list-style-type: none"> <li>• <i>Ivy Funds does not share your personal information with non-affiliates so they can market to you.</i></li> </ul>
Joint marketing	A formal agreement between non-affiliated financial companies that together market financial products or services to you. <ul style="list-style-type: none"> <li>• <i>Ivy Funds does not jointly market.</i></li> </ul>
<b>Other important information</b>	
	If you own shares of Ivy Funds in the name of a third party, such as a bank or a broker-dealer, the third party's privacy policy may apply to you in addition to ours.
	If you are working with a financial advisor, and the financial advisor leaves their firm and joins another non-affiliated broker-dealer or registered investment adviser, then the financial advisor may be permitted to use limited information to contact you. The information that the financial advisor may use is comprised of your name, address, email address, telephone number and account title.

[Table of Contents](#)

## PROXY VOTING INFORMATION

IVY FUNDS

(UNAUDITED)

### Proxy Voting Guidelines

A description of the policies and procedures Ivy Funds uses to determine how to vote proxies relating to portfolio securities is available (i) without charge, upon request, by calling 1.888.923.3355 and (ii) on the Securities and Exchange Commission's ("SEC") website at [www.sec.gov](http://www.sec.gov).

### Proxy Voting Records

Information regarding how the Trust voted proxies relating to portfolio securities during the most recent 12-month period ended June 30 is available on Form N-PX through the Ivy Investments' website at [www.ivyinvestments.com](http://www.ivyinvestments.com) and on the SEC's website at [www.sec.gov](http://www.sec.gov).

## QUARTERLY PORTFOLIO SCHEDULE INFORMATION

IVY FUNDS

Portfolio holdings can be found on the Trust's website at [www.ivyinvestments.com](http://www.ivyinvestments.com). Alternatively, a complete schedule of portfolio holdings of each Fund for the first and third quarters of each fiscal year is filed with the SEC and can be found as an exhibit to the Trust's Form N-PORT. These holdings may be viewed in the following ways:

- On the SEC's website at [www.sec.gov](http://www.sec.gov).
- For review and copy at the SEC's Public Reference Room in Washington, DC. Information on the operations of the Public Reference Room may be obtained by calling 1.800.SEC.0330.

## HOUSEHOLDING NOTICE

IVY FUNDS

If you currently receive one copy of the shareholder reports and prospectus for your household (even if more than one person in your household owns shares of the Trust) and you would prefer to receive separate shareholder reports and prospectuses for each account holder living at your address, you can do either of the following:

Call us at 888.923.3355.

Write to us at the following address: WI Services Company, P.O. Box 219722, Kansas City, Missouri 64121-9722.

Please list each account for which you would like to receive separate shareholder reports and prospectus mailings. We will resume sending separate documents within 30 days of receiving your request.

272 ANNUAL REPORT 2021

[Table of Contents](#)

---

This page has been intentionally left blank

[Table of Contents](#)

---

This page has been intentionally left blank

274 ANNUAL REPORT 2021

[Table of Contents](#)

## DELAWARE FUNDS BY MACQUARIE FAMILY

### Domestic Equity Funds

Ivy Accumulative Fund  
 Ivy Core Equity Fund  
 Ivy Large Cap Growth Fund  
 Ivy Mid Cap Growth Fund  
 Ivy Mid Cap Income Opportunities Fund  
 Ivy Small Cap Core Fund  
 Ivy Small Cap Growth Fund  
 Ivy Value Fund

### Global/International Funds

Ivy Emerging Markets Equity Fund  
 Ivy Global Equity Income Fund  
 Ivy Global Growth Fund  
 Ivy International Small Cap Fund  
 Ivy International Core Equity Fund  
 Ivy Managed International Opportunities Fund  
 Ivy Pictet Emerging Markets Local Currency Debt Fund  
 Ivy Pzena International Value Fund

### Index Funds

Ivy ProShares Interest Rate Hedged High Yield Index Fund  
 Ivy ProShares MSCI ACWI Index Fund  
 Ivy ProShares Russell 2000 Dividend Growers Index Fund  
 Ivy ProShares S&P 500 Bond Index Fund  
 Ivy ProShares S&P 500 Dividend Aristocrats Index Fund

### Specialty Funds

Ivy Apollo Multi-Asset Income Fund  
 Ivy Asset Strategy Fund  
 Ivy Balanced Fund  
 Ivy Energy Fund  
 Ivy LaSalle Global Real Estate Fund  
 Ivy Natural Resources Fund  
 Ivy Science and Technology Fund  
 Ivy Securian Real Estate Securities Fund  
 Ivy Wilshire Global Allocation Fund

### Fixed Income Funds

Ivy Apollo Strategic Income Fund  
 Ivy California Municipal High Income Fund  
 Ivy Corporate Bond Fund  
 Ivy Crossover Credit Fund  
 Ivy Global Bond Fund  
 Ivy Government Securities Fund  
 Ivy High Income Fund  
 Ivy Limited-Term Bond Fund  
 Ivy Municipal Bond Fund  
 Ivy Municipal High Income Fund  
 Ivy Pictet Targeted Return Bond Fund  
 Ivy PineBridge High Yield Fund  
 Ivy Securian Core Bond Fund

### Money Market Funds

Ivy Cash Management Fund  
 Ivy Government Money Market Fund

1.888.923.3355

Visit us online at [www.ivyinvestments.com](http://www.ivyinvestments.com)

The Ivy Funds are managed by Delaware Management Company and distributed by Delaware Distributors, L.P.

[Table of Contents](#)

 <p><b>Ivy</b> INVESTMENTS®</p>	<p>6300 Lamar Avenue P.O. Box 29217 Shawnee Mission, KS 66201-9217</p>	<p>ivyinvestments.com</p>
--	--	---------------------------

ANN-IVYFUNDS (3-21)