

Annual Report

June 30, 2020

Disciplined Growth Fund

Investor Class (ADSIX)

I Class (ADCIX)

Y Class (ADCYX)

A Class (ADCVX)

C Class (ADCCX)

R Class (ADRRX)

R5 Class (ADGGX)

Beginning on January 1, 2021, as permitted by regulations adopted by the Securities and Exchange Commission, paper copies of the fund's shareholder reports like this one will no longer be sent by mail, unless you specifically request paper copies of the reports from the fund or from your financial intermediary, such as a broker-dealer or bank. Instead, the reports will be made available on a website, and you will be notified by mail each time a report is posted and provided with a website link to access the report.

If you already elected to receive shareholder reports electronically, you will not be affected by this change and you need not take any action. You may elect to receive shareholder reports and other communications from the fund or your financial intermediary electronically by calling or sending an email request to your appropriate contacts as listed on the back cover of this report.

You may elect to receive all future reports in paper free of charge. You can inform the fund or your financial intermediary that you wish to continue receiving paper copies of your shareholder reports by calling or sending an email request to your appropriate contacts as listed on the back cover of this report. Your election to receive reports in paper will apply to all funds held with the fund complex/your financial intermediary.

Table of Contents

President's Letter	2
Performance	3
Portfolio Commentary	5
Fund Characteristics	7
Shareholder Fee Example	8
Schedule of Investments	10
Statement of Assets and Liabilities	15
Statement of Operations	16
Statement of Changes in Net Assets	17
Notes to Financial Statements	18
Financial Highlights	24
Report of Independent Registered Public Accounting Firm	27
Management	28
Approval of Management Agreement	31
Liquidity Risk Management Program	35
Additional Information	36

Any opinions expressed in this report reflect those of the author as of the date of the report, and do not necessarily represent the opinions of American Century Investments® or any other person in the American Century Investments organization. Any such opinions are subject to change at any time based upon market or other conditions and American Century Investments disclaims any responsibility to update such opinions. These opinions may not be relied upon as investment advice and, because investment decisions made by American Century Investments funds are based on numerous factors, may not be relied upon as an indication of trading intent on behalf of any American Century Investments fund. Security examples are used for representational purposes only and are not intended as recommendations to purchase or sell securities. Performance information for comparative indices and securities is provided to American Century Investments by third party vendors. To the best of American Century Investments' knowledge, such information is accurate at the time of printing.

President's Letter



Jonathan Thomas

Dear Investor:

Thank you for reviewing this annual report for the period ended June 30, 2020. Annual reports help convey important information about fund returns, including factors that affected performance during the reporting period. For additional investment insights, please visit americancentury.com.

Pandemic Pressured Risk Asset Returns

Market sentiment was generally upbeat through early 2020. Dovish central banks, modest inflation, improving economic and corporate earnings data, and U.S.-China trade-policy progress helped boost growth outlooks. Key stock indices rose to new highs, and risk assets remained in favor.

However, beginning in late February, unprecedented turmoil quickly quashed the optimistic tone. The COVID-19 outbreak rapidly spread worldwide, halting most U.S. and global economic activity and triggering a worldwide recession. Stocks and other riskier assets sold off sharply as investors fled to perceived safe-haven investments. Central banks and federal governments stepped in quickly and aggressively to stabilize global markets and provide financial relief. These extraordinary efforts proved helpful. Risk assets broadly rebounded late in the period despite discouraging economic and corporate earnings data. Slowing coronavirus infection and death rates in many regions and the reopening of economies also helped fuel the late-period recovery.

Overall, stocks delivered mixed results for the 12-month period. The broad U.S. stock market (S&P 500 Index) overcame the effects of the early 2020 sell-off to deliver a solid 12-month return. Large-cap stocks generally fared better than their smaller counterparts, and the growth style significantly outperformed value stocks. Perceived safe-haven investments, including Treasuries and gold, delivered strong returns, outperforming most broad stock indices.

A Slow Return to Normal

The return to pre-pandemic life will take time and patience, but we are confident we will get there. We remain hopeful medical researchers will uncover effective COVID-19 treatments and potentially develop a vaccine. In the meantime, investors likely will face periods of outbreak-related disruptions, economic and political uncertainty, and heightened market volatility. While these influences can be unsettling, they tend to be temporary. We appreciate your confidence in us during these extraordinary times. We have a long history of helping clients weather volatile markets, and we're confident we will meet today's challenges.

Sincerely,

A handwritten signature in black ink that reads "Jonathan Thomas". The signature is written in a cursive, flowing style.

Jonathan Thomas
President and Chief Executive Officer
American Century Investments

Performance

Total Returns as of June 30, 2020

	Ticker Symbol	Average Annual Returns			Since Inception	Inception Date
		1 year	5 years	10 years		
Investor Class	ADSIX	22.13%	12.84%	15.64%	—	9/30/05
Russell 1000 Growth Index	—	23.28%	15.87%	17.22%	—	—
I Class	ADCIX	22.38%	13.06%	15.87%	—	9/30/05
Y Class	ADCYX	22.42%	—	—	15.81%	4/10/17
A Class	ADCVX					9/30/05
No sales charge		21.84%	12.56%	15.36%	—	
With sales charge		14.85%	11.24%	14.68%	—	
C Class	ADCCX	20.94%	11.72%	14.49%	—	9/28/07
R Class	ADRRX	21.56%	12.28%	15.06%	—	9/30/05
R5 Class	ADGGX	22.37%	—	—	15.76%	4/10/17

Average annual returns since inception are presented when ten years of performance history is not available. Fund returns would have been lower if a portion of the fees had not been waived.

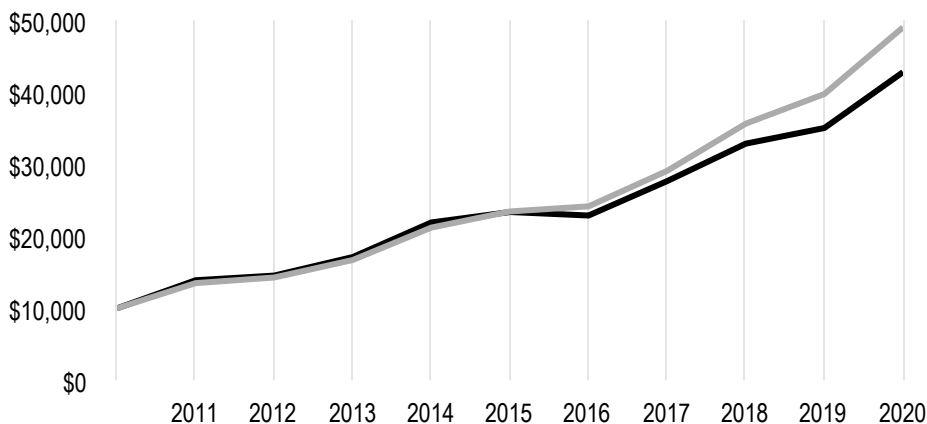
Sales charges include initial sales charges and contingent deferred sales charges (CDSCs), as applicable. A Class shares have a 5.75% maximum initial sales charge and may be subject to a maximum CDSC of 1.00%. C Class shares redeemed within 12 months of purchase are subject to a maximum CDSC of 1.00%. The SEC requires that mutual funds provide performance information net of maximum sales charges in all cases where charges could be applied.

Data presented reflect past performance. Past performance is no guarantee of future results. Current performance may be higher or lower than the performance shown. Total returns for periods less than one year are not annualized. Investment return and principal value will fluctuate, and redemption value may be more or less than original cost. Data assumes reinvestment of dividends and capital gains, and none of the charts reflect the deduction of taxes that a shareholder would pay on fund distributions or the redemption of fund shares. To obtain performance data current to the most recent month end, please call 1-800-345-2021 or visit americancentury.com. For additional information about the fund, please consult the prospectus.

Growth of \$10,000 Over 10 Years

\$10,000 investment made June 30, 2010

Performance for other share classes will vary due to differences in fee structure.



Value on June 30, 2020

— Investor Class — \$42,802

— Russell 1000 Growth Index — \$49,029

Ending value of Investor Class would have been lower if a portion of the fees had not been waived.

Total Annual Fund Operating Expenses

Investor Class	I Class	Y Class	A Class	C Class	R Class	R5 Class
1.02%	0.82%	0.77%	1.27%	2.02%	1.52%	0.82%

The total annual fund operating expenses shown is as stated in the fund's prospectus current as of the date of this report. The prospectus may vary from the expense ratio shown elsewhere in this report because it is based on a different time period, includes acquired fund fees and expenses, and, if applicable, does not include fee waivers or expense reimbursements.

Data presented reflect past performance. Past performance is no guarantee of future results. Current performance may be higher or lower than the performance shown. Total returns for periods less than one year are not annualized. Investment return and principal value will fluctuate, and redemption value may be more or less than original cost. Data assumes reinvestment of dividends and capital gains, and none of the charts reflect the deduction of taxes that a shareholder would pay on fund distributions or the redemption of fund shares. To obtain performance data current to the most recent month end, please call 1-800-345-2021 or visit americancentury.com. For additional information about the fund, please consult the prospectus.

Portfolio Commentary

Portfolio Managers: Yulin Long and Tsuyoshi Ozaki

Performance Summary

Disciplined Growth returned 22.13%* for the fiscal year ended June 30, 2020, compared with the 23.28% return of its benchmark, the Russell 1000 Growth Index.

Disciplined Growth advanced during the fiscal year, but underperformed its benchmark, the Russell 1000 Growth Index. Stock selection in the information technology and consumer discretionary sectors detracted, while positioning in consumer staples and health care benefited relative performance.

Positioning Across Several Sectors Detracted From Relative Returns

Security selections in the information technology sector were the largest drivers of relative underperformance. Stock choices in the semiconductors and semiconductor equipment industry were the main headwind. An underweight to chipmaker NVIDIA was among the leading individual detractors from relative performance. Demand for NVIDIA's gaming chips was high throughout the period but spiked starting in March, when widespread pandemic lockdown measures caused game manufacturers to purchase large amounts of the chips out of fear that production would stop. Elsewhere in the sector, positions in communications equipment company Motorola Solutions and software company Cornerstone OnDemand also weighed on returns. We have since exited our position in Cornerstone.

Stock selection within consumer discretionary also detracted from relative returns. A lack of exposure to automobile manufacturer Tesla was a leading detractor from performance compared with the benchmark for the period. The stock began a significant upward trend in March after the company's automobile deliveries for the quarter shattered analysts' expectations. The manufacturer also rolled out a new model in early 2020 and reduced pricing on older models. Both developments are expected to bolster demand. Within textiles, apparel and luxury goods, a position in Deckers Outdoor provided a headwind to results, as did stakes in specialty retailers Ross Stores and AutoZone. Specialty retailers, especially those that rely heavily on foot traffic for sales, experienced sales setbacks during the COVID-19 lockdown. We have since closed our position in AutoZone.

Security choices within the materials sector also detracted. Factory closures due to the pandemic constrained some companies' abilities to produce their products. Within containers and packaging, Ball Corp. weighed on results, as did construction materials company Eagle Materials. We have since closed these positions.

Positioning within Consumer Staples and Health Care was Additive

Within the consumer staples sector, positioning in the beverages industry was the leading driver, as an underweight to The Coca-Cola Co. was among the top individual contributors for the period. It was beneficial to be underrepresented in the stock of the soft drink company as widespread lockdown measures hurt key markets, such as sporting events and restaurants. Conversely, adult beverage manufacturer The Boston Beer Co. enjoyed increased demand for its products during the lockdown, boosting its stock price. Its seltzer product, Truly, enjoyed strong demand throughout the reporting period. We have since sold out of both Coca-Cola and Boston Beer. Within the sector, it was also beneficial to have no exposure to tobacco companies and an underweight allocation in food and staples retailing companies.

*All fund returns referenced in this commentary are for Investor Class shares. Fund returns would have been lower if a portion of the fees had not been waived. Performance for other share classes will vary due to differences in fee structure; when Investor Class performance exceeds that of the fund's benchmark, other share classes may not. See page 3 for returns for all share classes.

Within the health care sector, security selections within the health care equipment and supplies industry bolstered relative returns. Masimo and DexCom were among the leading individual contributors to performance during the 12 months. Overweights to these patient-monitoring device manufacturers were beneficial during the period. The COVID-19 outbreak increased demand for remote patient-monitoring devices, which Masimo makes, and patient self-monitoring devices for chronic diseases, such as diabetes, which are provided by DexCom. Within the biotechnology industry, an overweight in Vertex Pharmaceuticals was also among the leading contributors to overall performance.

A Look Ahead

Our disciplined, objective and systematic investment strategy is designed to take advantage of opportunities at the individual company level. We believe this approach is an effective way to capitalize on market inefficiencies that lead to the mispricing of individual stocks. As a result of this approach, our sector and industry allocations reflect where we are finding the greatest opportunities among individual companies at a given time.

At period-end, financials was the most overweight sector. We increased our relative overweight position during the year in order to take advantage of opportunities our models identified in the capital markets industry. Communication services is also among our largest active weights as of period-end. Based on our factor model, we believe there are significant opportunities in the entertainment industry. Conversely, we are underweight the consumer staples and real estate sectors. Beverages and food and staples companies show a lack of opportunity and are comparatively unattractive in terms of our model metrics. In the real estate sector, our underweight is driven by a lack of exposure to equity real estate investment trusts (REITs).

Fund Characteristics

JUNE 30, 2020

Top Ten Holdings	% of net assets
Microsoft Corp.	9.2%
Apple, Inc.	8.5%
Amazon.com, Inc.	7.4%
Alphabet, Inc., Class A	4.3%
Facebook, Inc., Class A	4.1%
Mastercard, Inc., Class A	1.8%
Vertex Pharmaceuticals, Inc.	1.7%
S&P Global, Inc.	1.7%
Merck & Co., Inc.	1.6%
Broadcom, Inc.	1.6%

Top Five Industries	% of net assets
Software	18.7%
Technology Hardware, Storage and Peripherals	9.0%
Interactive Media and Services	8.4%
Internet and Direct Marketing Retail	7.9%
IT Services	6.2%

Types of Investments in Portfolio	% of net assets
Common Stocks	95.2%
Temporary Cash Investments	4.7%
Other Assets and Liabilities	0.1%

Shareholder Fee Example

Fund shareholders may incur two types of costs: (1) transaction costs, including sales charges (loads) on purchase payments and redemption/exchange fees; and (2) ongoing costs, including management fees; distribution and service (12b-1) fees; and other fund expenses. This example is intended to help you understand your ongoing costs (in dollars) of investing in your fund and to compare these costs with the ongoing cost of investing in other mutual funds.

The example is based on an investment of \$1,000 made at the beginning of the period and held for the entire period from January 1, 2020 to June 30, 2020.

Actual Expenses

The table provides information about actual account values and actual expenses for each class. You may use the information, together with the amount you invested, to estimate the expenses that you paid over the period. First, identify the share class you own. Then simply divide your account value by \$1,000 (for example, an \$8,600 account value divided by \$1,000 = 8.6), then multiply the result by the number under the heading "Expenses Paid During Period" to estimate the expenses you paid on your account during this period.

If you hold Investor Class shares of any American Century Investments fund, or I Class shares of the American Century Diversified Bond Fund, in an American Century Investments account (i.e., not through a financial intermediary or employer-sponsored retirement plan account), American Century Investments may charge you a \$25.00 annual account maintenance fee if the value of those shares is less than \$10,000. We will redeem shares automatically in one of your accounts to pay the \$25.00 fee. In determining your total eligible investment amount, we will include your investments in all personal accounts (including American Century Investments brokerage accounts) registered under your Social Security number. Personal accounts include individual accounts, joint accounts, UGMA/UTMA accounts, personal trusts, Coverdell Education Savings Accounts and IRAs (including traditional, Roth, Rollover, SEP-, SARSEP- and SIMPLE-IRAs), and certain other retirement accounts. If you have only business, business retirement, employer-sponsored or American Century Investments brokerage accounts, you are currently not subject to this fee. If you are subject to the account maintenance fee, your account value could be reduced by the fee amount.

Hypothetical Example for Comparison Purposes

The table also provides information about hypothetical account values and hypothetical expenses based on the actual expense ratio of each class of your fund and an assumed rate of return of 5% per year before expenses, which is not the actual return of a fund's share class. 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 your fund and other funds. To do so, compare this 5% hypothetical example with the 5% 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) or redemption/exchange fees. Therefore, 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.

	Beginning Account Value 1/1/20	Ending Account Value 6/30/20	Expenses Paid During Period ⁽¹⁾ 1/1/20 - 6/30/20	Annualized Expense Ratio ⁽¹⁾
Actual				
Investor Class	\$1,000	\$1,119.80	\$5.32	1.01%
I Class	\$1,000	\$1,121.10	\$4.27	0.81%
Y Class	\$1,000	\$1,120.90	\$4.01	0.76%
A Class	\$1,000	\$1,118.10	\$6.64	1.26%
C Class	\$1,000	\$1,114.50	\$10.57	2.01%
R Class	\$1,000	\$1,116.80	\$7.95	1.51%
R5 Class	\$1,000	\$1,120.50	\$4.27	0.81%
Hypothetical				
Investor Class	\$1,000	\$1,019.84	\$5.07	1.01%
I Class	\$1,000	\$1,020.84	\$4.07	0.81%
Y Class	\$1,000	\$1,021.08	\$3.82	0.76%
A Class	\$1,000	\$1,018.60	\$6.32	1.26%
C Class	\$1,000	\$1,014.87	\$10.07	2.01%
R Class	\$1,000	\$1,017.36	\$7.57	1.51%
R5 Class	\$1,000	\$1,020.84	\$4.07	0.81%

- (1) Expenses are equal to the class's annualized expense ratio listed in the table above, multiplied by the average account value over the period, multiplied by 182, the number of days in the most recent fiscal half-year, divided by 366, to reflect the one-half year period. Annualized expense ratio reflects actual expenses, including any applicable fee waivers or expense reimbursements and excluding any acquired fund fees and expenses.

Schedule of Investments

JUNE 30, 2020

	Shares	Value
COMMON STOCKS — 95.2%		
Aerospace and Defense — 0.8%		
Axon Enterprise, Inc. ⁽¹⁾	13,782	\$ 1,352,428
Lockheed Martin Corp.	4,929	1,798,691
Mercury Systems, Inc. ⁽¹⁾	6,952	546,844
		3,697,963
Auto Components — 0.1%		
Aptiv plc	5,355	417,262
Beverages — 0.1%		
Monster Beverage Corp. ⁽¹⁾	7,148	495,499
Biotechnology — 3.3%		
AbbVie, Inc.	30,963	3,039,947
Biogen, Inc. ⁽¹⁾	150	40,133
Exelixis, Inc. ⁽¹⁾	87,099	2,067,730
Incyte Corp. ⁽¹⁾	5,108	531,079
Neurocrine Biosciences, Inc. ⁽¹⁾	11,633	1,419,226
Vertex Pharmaceuticals, Inc. ⁽¹⁾	25,707	7,462,999
		14,561,114
Building Products — 1.4%		
AAON, Inc.	8,429	457,610
AO Smith Corp.	22,685	1,068,917
Fortune Brands Home & Security, Inc.	17,828	1,139,744
Simpson Manufacturing Co., Inc.	20,868	1,760,425
UFP Industries, Inc.	32,596	1,613,828
		6,040,524
Capital Markets — 4.5%		
FactSet Research Systems, Inc.	12,544	4,120,328
MarketAxess Holdings, Inc.	4,372	2,190,022
Moody's Corp.	1,796	493,415
MSCI, Inc.	12,028	4,015,187
S&P Global, Inc.	22,560	7,433,069
SEI Investments Co.	30,802	1,693,494
		19,945,515
Chemicals — 0.5%		
NewMarket Corp.	5,075	2,032,436
Commercial Services and Supplies — 0.1%		
IAA, Inc. ⁽¹⁾	5,991	231,073
Communications Equipment — 1.3%		
Arista Networks, Inc. ⁽¹⁾	1,578	331,427
Cisco Systems, Inc.	23,745	1,107,467
Motorola Solutions, Inc.	30,935	4,334,922
		5,773,816
Distributors — 0.3%		
LKQ Corp. ⁽¹⁾	49,692	1,301,930
Diversified Consumer Services — 0.1%		
Chegg, Inc. ⁽¹⁾	5,078	341,546
Diversified Telecommunication Services — 0.4%		
Cogent Communications Holdings, Inc.	23,515	1,819,120

	Shares	Value
Electronic Equipment, Instruments and Components — 1.0%		
Trimble, Inc. ⁽¹⁾	35,036	\$ 1,513,205
Zebra Technologies Corp., Class A ⁽¹⁾	11,005	2,816,730
		4,329,935
Entertainment — 2.4%		
Electronic Arts, Inc. ⁽¹⁾	19,980	2,638,359
Netflix, Inc. ⁽¹⁾	3,793	1,725,967
Spotify Technology SA ⁽¹⁾	11,208	2,893,794
Take-Two Interactive Software, Inc. ⁽¹⁾	7,874	1,098,974
Zynga, Inc., Class A ⁽¹⁾	235,197	2,243,779
		10,600,873
Equity Real Estate Investment Trusts (REITs) — 1.0%		
American Tower Corp.	6,267	1,620,270
Crown Castle International Corp.	13,854	2,318,467
Public Storage	1,817	348,664
		4,287,401
Food and Staples Retailing — 0.3%		
Costco Wholesale Corp.	1,560	473,008
Sprouts Farmers Market, Inc. ⁽¹⁾	33,248	850,816
		1,323,824
Food Products — 0.9%		
Hershey Co. (The)	30,146	3,907,525
Health Care Equipment and Supplies — 4.1%		
ABIOMED, Inc. ⁽¹⁾	4,496	1,086,054
Align Technology, Inc. ⁽¹⁾	16,860	4,627,058
DexCom, Inc. ⁽¹⁾	5,267	2,135,242
IDEXX Laboratories, Inc. ⁽¹⁾	16,604	5,481,977
Masimo Corp. ⁽¹⁾	1,216	277,236
NuVasive, Inc. ⁽¹⁾	16,934	942,546
ResMed, Inc.	15,944	3,061,248
Tandem Diabetes Care, Inc. ⁽¹⁾	6,094	602,818
		18,214,179
Health Care Providers and Services — 1.5%		
Amedisys, Inc. ⁽¹⁾	8,242	1,636,367
Chemed Corp.	5,038	2,272,491
HCA Healthcare, Inc.	6,965	676,023
UnitedHealth Group, Inc.	6,488	1,913,635
		6,498,516
Health Care Technology — 2.0%		
Cerner Corp.	46,716	3,202,382
Omniceil, Inc. ⁽¹⁾	28,712	2,027,641
Veeva Systems, Inc., Class A ⁽¹⁾	15,817	3,707,821
		8,937,844
Hotels, Restaurants and Leisure — 0.8%		
Chipotle Mexican Grill, Inc. ⁽¹⁾	1,836	1,932,133
Domino's Pizza, Inc.	3,341	1,234,299
Yum! Brands, Inc.	4,621	401,611
		3,568,043
Household Durables — 0.2%		
Tempur Sealy International, Inc. ⁽¹⁾	10,255	737,847
Household Products — 0.7%		
Procter & Gamble Co. (The)	22,488	2,688,890

	Shares	Value
Reynolds Consumer Products, Inc.	12,118	\$ 420,979
		3,109,869
Industrial Conglomerates — 0.6%		
3M Co.	18,176	2,835,274
Insurance — 0.6%		
Aon plc, Class A	9,839	1,894,991
Erie Indemnity Co., Class A	2,711	520,241
Kinsale Capital Group, Inc.	2,565	398,114
		2,813,346
Interactive Media and Services — 8.4%		
Alphabet, Inc., Class A ⁽¹⁾	13,313	18,878,499
Facebook, Inc., Class A ⁽¹⁾	80,667	18,317,056
		37,195,555
Internet and Direct Marketing Retail — 7.9%		
Amazon.com, Inc. ⁽¹⁾	11,847	32,683,740
eBay, Inc.	46,315	2,429,222
		35,112,962
IT Services — 6.2%		
Accenture plc, Class A	15,111	3,244,634
International Business Machines Corp.	8,697	1,050,337
Jack Henry & Associates, Inc.	12,397	2,281,420
Mastercard, Inc., Class A	26,679	7,888,980
PayPal Holdings, Inc. ⁽¹⁾	24,857	4,330,835
Square, Inc., Class A ⁽¹⁾	19,690	2,066,268
VeriSign, Inc. ⁽¹⁾	15,813	3,270,603
Visa, Inc., Class A	18,129	3,501,979
		27,635,056
Leisure Products — 0.2%		
Polaris, Inc.	7,587	702,177
Life Sciences Tools and Services — 0.1%		
llumina, Inc. ⁽¹⁾	677	250,727
Machinery — 0.8%		
Graco, Inc.	29,350	1,408,506
Lincoln Electric Holdings, Inc.	24,120	2,031,869
		3,440,375
Media — 0.5%		
Cable One, Inc.	486	862,577
Sirius XM Holdings, Inc.	205,969	1,209,038
		2,071,615
Multiline Retail — 0.1%		
Dollar General Corp.	1,668	317,771
Pharmaceuticals — 2.9%		
Bristol-Myers Squibb Co.	44,808	2,634,710
Eli Lilly & Co.	9,648	1,584,009
Merck & Co., Inc.	93,391	7,221,926
Zoetis, Inc.	10,698	1,466,054
		12,906,699
Road and Rail — 1.5%		
J.B. Hunt Transport Services, Inc.	9,245	1,112,543
Landstar System, Inc.	32,328	3,630,758
Union Pacific Corp.	12,281	2,076,349
		6,819,650

	Shares	Value
Semiconductors and Semiconductor Equipment — 5.6%		
Advanced Micro Devices, Inc. ⁽¹⁾	32,047	\$ 1,685,993
Applied Materials, Inc.	48,198	2,913,569
Broadcom, Inc.	21,770	6,870,830
Lattice Semiconductor Corp. ⁽¹⁾	9,876	280,380
Monolithic Power Systems, Inc.	6,724	1,593,588
NVIDIA Corp.	8,208	3,118,301
QUALCOMM, Inc.	31,199	2,845,661
Texas Instruments, Inc.	41,034	5,210,087
Universal Display Corp.	3,312	495,541
		25,013,950
Software — 18.7%		
Adobe, Inc. ⁽¹⁾	3,500	1,523,585
ANSYS, Inc. ⁽¹⁾	445	129,820
Atlassian Corp. plc, Class A ⁽¹⁾	9,657	1,740,867
Autodesk, Inc. ⁽¹⁾	19,921	4,764,904
Blackline, Inc. ⁽¹⁾	6,536	541,900
Box, Inc., Class A ⁽¹⁾	36,765	763,241
Cadence Design Systems, Inc. ⁽¹⁾	39,783	3,817,577
DocuSign, Inc. ⁽¹⁾	7,521	1,295,191
Dropbox, Inc., Class A ⁽¹⁾	79,890	1,739,205
Fair Isaac Corp. ⁽¹⁾	4,044	1,690,554
Fortinet, Inc. ⁽¹⁾	29,136	3,999,499
Intuit, Inc.	18,065	5,350,672
Microsoft Corp.	199,618	40,624,259
Oracle Corp. (New York)	24,259	1,340,795
Palo Alto Networks, Inc. ⁽¹⁾	12,992	2,983,873
Pegasystems, Inc.	1,939	196,169
Proofpoint, Inc. ⁽¹⁾	28,037	3,115,471
ServiceNow, Inc. ⁽¹⁾	3,026	1,225,712
Synopsys, Inc. ⁽¹⁾	23,473	4,577,235
Workday, Inc., Class A ⁽¹⁾	6,967	1,305,337
		82,725,866
Specialty Retail — 2.4%		
Advance Auto Parts, Inc.	9,094	1,295,440
Best Buy Co., Inc.	11,982	1,045,669
Floor & Decor Holdings, Inc., Class A ⁽¹⁾	4,723	272,281
Home Depot, Inc. (The)	15,303	3,833,555
Lowe's Cos., Inc.	9,590	1,295,801
O'Reilly Automotive, Inc. ⁽¹⁾	4,442	1,873,058
Ross Stores, Inc.	12,189	1,038,990
		10,654,794
Technology Hardware, Storage and Peripherals — 9.0%		
Apple, Inc.	102,522	37,400,026
Pure Storage, Inc., Class A ⁽¹⁾	128,309	2,223,595
		39,623,621
Textiles, Apparel and Luxury Goods — 1.8%		
Deckers Outdoor Corp. ⁽¹⁾	7,130	1,400,261
lululemon athletica, Inc. ⁽¹⁾	1,379	430,262
NIKE, Inc., Class B	62,007	6,079,786
		7,910,309

	Shares	Value
Trading Companies and Distributors — 0.1%		
SiteOne Landscape Supply, Inc. ⁽¹⁾	6,033	\$ 687,581
TOTAL COMMON STOCKS (Cost \$262,543,165)		420,890,982
TEMPORARY CASH INVESTMENTS — 4.7%		
Repurchase Agreement, BMO Capital Markets Corp., (collateralized by various U.S. Treasury obligations, 2.125% - 3.125%, 12/31/22 - 2/15/43, valued at \$9,137,214), in a joint trading account at 0.02%, dated 6/30/20, due 7/1/20 (Delivery value \$8,961,728)		8,961,723
Repurchase Agreement, Fixed Income Clearing Corp., (collateralized by various U.S. Treasury obligations, 3.375%, 11/15/48, valued at \$11,904,467), at 0.05%, dated 6/30/20, due 7/1/20 (Delivery value \$11,671,016)		11,671,000
State Street Institutional U.S. Government Money Market Fund, Premier Class	29,013	29,013
TOTAL TEMPORARY CASH INVESTMENTS (Cost \$20,661,736)		20,661,736
TOTAL INVESTMENT SECURITIES — 99.9% (Cost \$283,204,901)		441,552,718
OTHER ASSETS AND LIABILITIES — 0.1%		624,523
TOTAL NET ASSETS — 100.0%		\$ 442,177,241

FUTURES CONTRACTS PURCHASED

Reference Entity	Contracts	Expiration Date	Notional Amount	Underlying Contract Value	Unrealized Appreciation (Depreciation)
NASDAQ 100 E-Mini	18	September 2020	\$ 360	\$ 3,653,010	\$ 61,785
S&P 500 E-Mini	62	September 2020	\$ 3,100	9,579,620	(25,418)
				<u>\$ 13,232,630</u>	<u>\$ 36,367</u>

NOTES TO SCHEDULE OF INVESTMENTS

(1) Non-income producing.

See Notes to Financial Statements.

Statement of Assets and Liabilities

JUNE 30, 2020

Assets

Investment securities, at value (cost of \$283,204,901)	\$ 441,552,718
Deposits with broker for futures contracts	1,014,000
Receivable for capital shares sold	173,405
Receivable for variation margin on futures contracts	194,210
Dividends and interest receivable	136,508
	<u>443,070,841</u>

Liabilities

Payable for capital shares redeemed	530,453
Accrued management fees	334,264
Distribution and service fees payable	28,883
	<u>893,600</u>

Net Assets \$ 442,177,241

Net Assets Consist of:

Capital (par value and paid-in surplus)	\$ 227,469,023
Distributable earnings	214,708,218
	<u><u>\$ 442,177,241</u></u>

	Net Assets	Shares Outstanding	Net Asset Value Per Share
Investor Class, \$0.01 Par Value	\$238,407,815	9,774,431	\$24.39
I Class, \$0.01 Par Value	\$136,351,419	5,556,801	\$24.54
Y Class, \$0.01 Par Value	\$231,659	9,431	\$24.56
A Class, \$0.01 Par Value	\$34,139,001	1,419,477	\$24.05*
C Class, \$0.01 Par Value	\$22,346,463	1,016,381	\$21.99
R Class, \$0.01 Par Value	\$9,548,129	407,676	\$23.42
R5 Class, \$0.01 Par Value	\$1,152,755	46,951	\$24.55

*Maximum offering price \$25.52 (net asset value divided by 0.9425).

See Notes to Financial Statements.

Statement of Operations

YEAR ENDED JUNE 30, 2020

Investment Income (Loss)

Income:

Dividends	\$	4,160,244
Interest		108,524
		4,268,768

Expenses:

Management fees		4,379,853
Distribution and service fees:		
A Class		77,703
C Class		226,556
R Class		46,626
Directors' fees and expenses		35,841
Other expenses		2,729
		4,769,308
Fees waived ⁽¹⁾		(42,127)
		4,727,181

Net investment income (loss)		(458,413)
-------------------------------------	--	-----------

Realized and Unrealized Gain (Loss)

Net realized gain (loss) on:

Investment transactions		99,990,010
Futures contract transactions		(458,884)
		99,531,126

Change in net unrealized appreciation (depreciation) on:

Investments		(12,954,123)
Futures contracts		36,367
		(12,917,756)

Net realized and unrealized gain (loss)		86,613,370
--	--	------------

Net Increase (Decrease) in Net Assets Resulting from Operations	\$	86,154,957
--	-----------	-------------------

(1) Amount consists of \$21,225, \$15,066, \$34, \$2,827, \$2,050, \$846 and \$79 for Investor Class, I Class, Y Class, A Class, C Class, R Class and R5 Class, respectively.

See Notes to Financial Statements.

Statement of Changes in Net Assets

YEARS ENDED JUNE 30, 2020 AND JUNE 30, 2019

Increase (Decrease) in Net Assets	June 30, 2020	June 30, 2019
Operations		
Net investment income (loss)	\$ (458,413)	\$ 1,351,051
Net realized gain (loss)	99,531,126	45,932,096
Change in net unrealized appreciation (depreciation)	(12,917,756)	(14,402,286)
Net increase (decrease) in net assets resulting from operations	<u>86,154,957</u>	<u>32,880,861</u>
Distributions to Shareholders		
From earnings:		
Investor Class	(19,742,797)	(45,161,834)
I Class	(14,515,555)	(29,157,974)
Y Class	(29,840)	(64,786)
A Class	(2,597,617)	(4,846,907)
C Class	(2,101,210)	(5,520,779)
R Class	(775,728)	(1,329,846)
R5 Class	(64,578)	(174,914)
Decrease in net assets from distributions	<u>(39,827,325)</u>	<u>(86,257,040)</u>
Capital Share Transactions		
Net increase (decrease) in net assets from capital share transactions (Note 5)	<u>(138,096,911)</u>	<u>(96,661,652)</u>
Net increase (decrease) in net assets	(91,769,279)	(150,037,831)
Net Assets		
Beginning of period	533,946,520	683,984,351
End of period	<u>\$ 442,177,241</u>	<u>\$ 533,946,520</u>

See Notes to Financial Statements.

Notes to Financial Statements

JUNE 30, 2020

1. Organization

American Century Quantitative Equity Funds, Inc. (the corporation) is registered under the Investment Company Act of 1940, as amended (the 1940 Act), as an open-end management investment company and is organized as a Maryland corporation. Disciplined Growth Fund (the fund) is one fund in a series issued by the corporation. The fund's investment objective is to seek long-term capital growth.

The fund offers the Investor Class, I Class, Y Class, A Class, C Class, R Class and R5 Class. The A Class may incur an initial sales charge. The A Class and C Class may be subject to a contingent deferred sales charge.

2. Significant Accounting Policies

The following is a summary of significant accounting policies consistently followed by the fund in preparation of its financial statements. The fund is an investment company and follows accounting and reporting guidance in accordance with accounting principles generally accepted in the United States of America. This may require management to make certain estimates and assumptions at the date of the financial statements. Actual results could differ from these estimates. Management evaluated the impact of events or transactions occurring through the date the financial statements were issued that would merit recognition or disclosure.

Investment Valuations — The fund determines the fair value of its investments and computes its net asset value per share at the close of regular trading (usually 4 p.m. Eastern time) on the New York Stock Exchange (NYSE) on each day the NYSE is open. The Board of Directors has adopted valuation policies and procedures to guide the investment advisor in the fund's investment valuation process and to provide methodologies for the oversight of the fund's pricing function.

Equity securities that are listed or traded on a domestic securities exchange are valued at the last reported sales price or at the official closing price as provided by the exchange. Equity securities traded on foreign securities exchanges are generally valued at the closing price of such securities on the exchange where primarily traded or at the close of the NYSE, if that is earlier. If no last sales price is reported, or if local convention or regulation so provides, the mean of the latest bid and asked prices may be used. Securities traded over-the-counter are valued at the mean of the latest bid and asked prices, the last sales price, or the official closing price.

Open-end management investment companies are valued at the reported net asset value per share. Repurchase agreements are valued at cost, which approximates fair value. Exchange-traded futures contracts are valued at the settlement price as provided by the appropriate exchange.

If the fund determines that the market price for an investment is not readily available or the valuation methods mentioned above do not reflect an investment's fair value, such investment is valued as determined in good faith by the Board of Directors or its delegate, in accordance with policies and procedures adopted by the Board of Directors. In its determination of fair value, the fund may review several factors including, but not limited to, market information regarding the specific investment or comparable investments and correlation with other investment types, futures indices or general market indicators. Circumstances that may cause the fund to use these procedures to value an investment include, but are not limited to: an investment has been declared in default or is distressed; trading in a security has been suspended during the trading day or a security is not actively trading on its principal exchange; prices received from a regular pricing source are deemed unreliable; or there is a foreign market holiday and no trading occurred.

The fund monitors for significant events occurring after the close of an investment's primary exchange but before the fund's net asset value per share is determined. Significant events may include, but are not limited to: corporate announcements and transactions; governmental action and political unrest that could impact a specific investment or an investment sector; or armed conflicts, natural disasters and similar events that could affect investments in a specific country or region. The fund also monitors for significant fluctuations between domestic and foreign markets, as evidenced by the U.S. market or such other indicators that the Board of Directors, or its delegate, deems appropriate. The fund may apply a model-derived factor to the closing price of equity securities traded on foreign securities exchanges. The factor is based on observable market data as provided by an independent pricing service.

Security Transactions — Security transactions are accounted for as of the trade date. Net realized gains and losses are determined on the identified cost basis, which is also used for federal income tax purposes.

Investment Income — Dividend income less foreign taxes withheld, if any, is recorded as of the ex-dividend date. Distributions received on securities that represent a return of capital or long-term capital gain are recorded as a reduction of cost of investments and/or as a realized gain. The fund may estimate the components of distributions received that may be considered nontaxable distributions or long-term capital gain distributions for income tax purposes. Interest income is recorded on the accrual basis and includes accretion of discounts and amortization of premiums.

Repurchase Agreements — The fund may enter into repurchase agreements with institutions that American Century Investment Management, Inc. (ACIM) (the investment advisor) has determined are creditworthy pursuant to criteria adopted by the Board of Directors. The fund requires that the collateral, represented by securities, received in a repurchase transaction be transferred to the custodian in a manner sufficient to enable the fund to obtain those securities in the event of a default under the repurchase agreement. ACIM monitors, on a daily basis, the securities transferred to ensure the value, including accrued interest, of the securities under each repurchase agreement is equal to or greater than amounts owed to the fund under each repurchase agreement.

Joint Trading Account — Pursuant to an Exemptive Order issued by the Securities and Exchange Commission, the fund, along with certain other funds in the American Century Investments family of funds, may transfer uninvested cash balances into a joint trading account. These balances are invested in one or more repurchase agreements that are collateralized by U.S. Treasury or Agency obligations.

Segregated Assets — In accordance with the 1940 Act, the fund segregates assets on its books and records to cover certain types of investment securities and other financial instruments. ACIM monitors, on a daily basis, the securities segregated to ensure the fund designates a sufficient amount of liquid assets, marked-to-market daily. The fund may also receive assets or be required to pledge assets at the custodian bank or with a broker for collateral requirements.

Income Tax Status — It is the fund's policy to distribute substantially all net investment income and net realized gains to shareholders and to otherwise qualify as a regulated investment company under provisions of the Internal Revenue Code. Accordingly, no provision has been made for income taxes. The fund files U.S. federal, state, local and non-U.S. tax returns as applicable. The fund's tax returns are subject to examination by the relevant taxing authority until expiration of the applicable statute of limitations, which is generally three years from the date of filing but can be longer in certain jurisdictions. At this time, management believes there are no uncertain tax positions which, based on their technical merit, would not be sustained upon examination and for which it is reasonably possible that the total amounts of unrecognized tax benefits will significantly change in the next twelve months.

Multiple Class — All shares of the fund represent an equal pro rata interest in the net assets of the class to which such shares belong, and have identical voting, dividend, liquidation and other rights and the same terms and conditions, except for class specific expenses and exclusive rights to vote on matters affecting only individual classes. Income, non-class specific expenses, and realized and unrealized capital gains and losses of the fund are allocated to each class of shares based on their relative net assets.

Distributions to Shareholders — Distributions from net investment income, if any, are generally declared and paid semiannually. Distributions from net realized gains, if any, are generally declared and paid annually. The fund may elect to treat a portion of its payment to a redeeming shareholder, which represents the pro rata share of undistributed net investment income and net realized gains, as a distribution for federal income tax purposes (tax equalization).

Indemnifications — Under the corporation's organizational documents, its officers and directors are indemnified against certain liabilities arising out of the performance of their duties to the fund. In addition, in the normal course of business, the fund enters into contracts that provide general indemnifications. The maximum exposure under these arrangements is unknown as this would involve future claims that may be made against a fund. The risk of material loss from such claims is considered by management to be remote.

3. Fees and Transactions with Related Parties

Certain officers and directors of the corporation are also officers and/or directors of American Century Companies, Inc. (ACC). The corporation's investment advisor, ACIM, the corporation's distributor, American Century Investment Services, Inc. (ACIS), and the corporation's transfer agent, American Century Services, LLC, are wholly owned, directly or indirectly, by ACC.

Management Fees — The corporation has entered into a management agreement with ACIM, under which ACIM provides the fund with investment advisory and management services in exchange for a single, unified management fee (the fee) per class. The agreement provides that ACIM will pay all expenses of managing and operating the fund, except brokerage expenses, taxes, interest, fees and expenses of the independent directors (including legal counsel fees), extraordinary expenses, and expenses incurred in connection with the provision of shareholder services and distribution services under a plan adopted pursuant to Rule 12b-1 under the 1940 Act. The fee is computed and accrued daily based on each class's daily net assets and paid monthly in arrears. The difference in the fee among the classes is a result of their separate arrangements for non-Rule 12b-1 shareholder services. It is not the result of any difference in advisory or custodial fees or other expenses related to the management of the fund's assets, which do not vary by class. The fee consists of (1) an Investment Category Fee based on the daily net assets of the fund and certain other accounts managed by the investment advisor that are in the same broad investment category as the fund and (2) a Complex Fee based on the assets of all the funds in the American Century Investments family of funds. Effective August 1, 2019, the investment advisor agreed to waive 0.01% of the fund's management fee. The investment advisor expects this waiver to continue until July 31, 2021 and cannot terminate it prior to such date without the approval of the Board of Directors.

The Investment Category Fee range, the Complex Fee range and the effective annual management fee before and after waiver for each class for the period ended June 30, 2020 are as follows:

	Investment Category Fee Range	Complex Fee Range	Effective Annual Management Fee	
			Before Waiver	After Waiver
Investor Class		0.2500% to 0.3100%	1.01%	1.00%
I Class		0.0500% to 0.1100%	0.81%	0.80%
Y Class		0.0000% to 0.0600%	0.76%	0.75%
A Class	0.6880% to 0.8700%	0.2500% to 0.3100%	1.01%	1.00%
C Class		0.2500% to 0.3100%	1.01%	1.00%
R Class		0.2500% to 0.3100%	1.01%	1.00%
R5 Class		0.0500% to 0.1100%	0.81%	0.80%

Distribution and Service Fees — The Board of Directors has adopted a separate Master Distribution and Individual Shareholder Services Plan for each of the A Class, C Class and R Class (collectively the plans), pursuant to Rule 12b-1 of the 1940 Act. The plans provide that the A Class will pay ACIS an annual distribution and service fee of 0.25%. The plans provide that the C Class will pay ACIS an annual distribution and service fee of 1.00%, of which 0.25% is paid for individual shareholder services and 0.75% is paid for distribution services. The plans provide that the R Class will pay ACIS an annual distribution and service fee of 0.50%. The fees are computed and accrued daily based on each class's daily net assets and paid monthly in arrears. The fees are used to pay financial intermediaries for distribution and individual shareholder services. Fees incurred under the plans during the period ended June 30, 2020 are detailed in the Statement of Operations.

Directors' Fees and Expenses — The Board of Directors is responsible for overseeing the investment advisor's management and operations of the fund. The directors receive detailed information about the fund and its investment advisor regularly throughout the year, and meet at least quarterly with management of the investment advisor to review reports about fund operations. The fund's officers do not receive compensation from the fund.

Interfund Transactions — The fund may enter into security transactions with other American Century Investments funds and other client accounts of the investment advisor, in accordance with the 1940 Act rules and procedures adopted by the Board of Directors. The rules and procedures require, among other things, that these transactions be effected at the independent current market price of the security. During the period, the interfund purchases and sales were \$29,107,332 and \$26,197,056, respectively. The effect of interfund transactions on the Statement of Operations was \$4,418,761 in net realized gain (loss) on investment transactions.

4. Investment Transactions

Purchases and sales of investment securities, excluding short-term investments, for the period ended June 30, 2020 were \$646,205,288 and \$843,646,404, respectively.

5. Capital Share Transactions

Transactions in shares of the fund were as follows:

	Year ended June 30, 2020		Year ended June 30, 2019	
	Shares	Amount	Shares	Amount
Investor Class/Shares Authorized	<u>170,000,000</u>		<u>170,000,000</u>	
Sold	1,261,048	\$ 27,858,757	1,724,795	\$ 38,178,631
Issued in reinvestment of distributions	889,315	19,280,340	2,313,663	44,454,539
Redeemed	(3,908,883)	(85,287,974)	(7,593,146)	(167,211,561)
	<u>(1,758,520)</u>	<u>(38,148,877)</u>	<u>(3,554,688)</u>	<u>(84,578,391)</u>
I Class/Shares Authorized	<u>100,000,000</u>		<u>100,000,000</u>	
Sold	947,512	20,998,104	3,351,906	73,682,578
Issued in reinvestment of distributions	664,465	14,478,684	1,504,817	29,065,330
Redeemed	(5,846,700)	(126,745,336)	(4,650,312)	(102,481,992)
	<u>(4,234,723)</u>	<u>(91,268,548)</u>	<u>206,411</u>	<u>265,916</u>
Y Class/Shares Authorized	<u>50,000,000</u>		<u>50,000,000</u>	
Sold	547	12,143	23,311	576,397
Issued in reinvestment of distributions	1,368	29,840	3,350	64,786
Redeemed	(18,978)	(429,123)	(421)	(9,234)
	<u>(17,063)</u>	<u>(387,140)</u>	<u>26,240</u>	<u>631,949</u>
A Class/Shares Authorized	<u>50,000,000</u>		<u>50,000,000</u>	
Sold	238,636	5,163,120	230,717	4,997,549
Issued in reinvestment of distributions	111,662	2,390,694	228,295	4,338,081
Redeemed	(400,827)	(8,643,889)	(573,977)	(12,456,674)
	<u>(50,529)</u>	<u>(1,090,075)</u>	<u>(114,965)</u>	<u>(3,121,044)</u>
C Class/Shares Authorized	<u>20,000,000</u>		<u>20,000,000</u>	
Sold	53,988	1,039,561	48,617	973,637
Issued in reinvestment of distributions	102,058	2,005,435	300,837	5,318,801
Redeemed	(445,546)	(8,913,381)	(828,976)	(16,048,707)
	<u>(289,500)</u>	<u>(5,868,385)</u>	<u>(479,522)</u>	<u>(9,756,269)</u>
R Class/Shares Authorized	<u>20,000,000</u>		<u>20,000,000</u>	
Sold	82,972	1,773,737	106,184	2,301,204
Issued in reinvestment of distributions	37,170	775,728	71,536	1,329,846
Redeemed	(184,733)	(3,945,878)	(158,256)	(3,624,503)
	<u>(64,591)</u>	<u>(1,396,413)</u>	<u>19,464</u>	<u>6,547</u>
R5 Class/Shares Authorized	<u>50,000,000</u>		<u>50,000,000</u>	
Sold	20,945	454,916	30,933	631,619
Issued in reinvestment of distributions	2,962	64,578	9,057	174,914
Redeemed	(20,777)	(456,967)	(43,479)	(916,893)
	<u>3,130</u>	<u>62,527</u>	<u>(3,489)</u>	<u>(110,360)</u>
Net increase (decrease)	<u>(6,411,796)</u>	<u>\$(138,096,911)</u>	<u>(3,900,549)</u>	<u>\$ (96,661,652)</u>

6. Fair Value Measurements

The fund's investments valuation process is based on several considerations and may use multiple inputs to determine the fair value of the investments held by the fund. In conformity with accounting principles generally accepted in the United States of America, the inputs used to determine a valuation are classified into three broad levels.

- Level 1 valuation inputs consist of unadjusted quoted prices in an active market for identical investments.
- Level 2 valuation inputs consist of direct or indirect observable market data (including quoted prices for comparable investments, evaluations of subsequent market events, interest rates, prepayment speeds, credit risk, etc.). These inputs also consist of quoted prices for identical investments initially expressed in local currencies that are adjusted through translation into U.S. dollars.
- Level 3 valuation inputs consist of unobservable data (including a fund's own assumptions).

The level classification is based on the lowest level input that is significant to the fair valuation measurement. The valuation inputs are not necessarily an indication of the risks associated with investing in these securities or other financial instruments.

The following is a summary of the level classifications as of period end. The Schedule of Investments provides additional information on the fund's portfolio holdings.

	Level 1	Level 2	Level 3
Assets			
Investment Securities			
Common Stocks	\$ 420,890,982	—	—
Temporary Cash Investments	29,013	\$ 20,632,723	—
	<u>\$ 420,919,995</u>	<u>\$ 20,632,723</u>	<u>—</u>
Other Financial Instruments			
Futures Contracts	<u>\$ 61,785</u>	<u>—</u>	<u>—</u>
Liabilities			
Other Financial Instruments			
Futures Contracts	<u>\$ 25,418</u>	<u>—</u>	<u>—</u>

7. Derivative Instruments

Equity Price Risk — The fund is subject to equity price risk in the normal course of pursuing its investment objectives. A fund may enter into futures contracts based on an equity index in order to manage its exposure to changes in market conditions. A fund may purchase futures contracts to gain exposure to increases in market value or sell futures contracts to protect against a decline in market value. Upon entering into a futures contract, a fund is required to deposit either cash or securities in an amount equal to a certain percentage of the contract value (initial margin). Subsequent payments (variation margin) are made or received daily, in cash, by a fund. The variation margin is equal to the daily change in the contract value and is recorded as unrealized gains and losses. A fund recognizes a realized gain or loss when the contract is closed or expires. Net realized and unrealized gains or losses occurring during the holding period of futures contracts are a component of net realized gain (loss) on futures contract transactions and change in net unrealized appreciation (depreciation) on futures contracts, respectively. One of the risks of entering into futures contracts is the possibility that the change in value of the contract may not correlate with the changes in value of the underlying securities. The fund's average notional exposure to equity price risk derivative instruments held during the period was \$1,987 futures contracts purchased.

The value of equity price risk derivative instruments as of June 30, 2020, is disclosed on the Statement of Assets and Liabilities as an asset of \$194,210 in receivable for variation margin on futures contracts*. For the year ended June 30, 2020, the effect of equity price risk derivative instruments on the Statement of Operations was \$(458,884) in net realized gain (loss) on futures contract transactions and \$36,367 in change in net unrealized appreciation (depreciation) on futures contracts.

*Included in the unrealized appreciation (depreciation) on futures contracts as reported in the Schedule of Investments.

8. Risk Factors

The value of the fund's shares will go up and down, sometimes rapidly or unpredictably, based on the performance of the securities owned by the fund and other factors generally affecting the securities market. Market risks, including political, regulatory, economic and social developments, can affect the value of the fund's investments. Natural disasters, public health emergencies, terrorism and other unforeseeable events may lead to increased market volatility and may have adverse long-term effects on world economies and markets generally.

The fund's investment process may result in high portfolio turnover, which could mean high transaction costs, affecting both performance and capital gains tax liabilities to investors.

9. Federal Tax Information

The tax character of distributions paid during the years ended June 30, 2020 and June 30, 2019 were as follows:

	2020	2019
Distributions Paid From		
Ordinary income	\$ 4,359,897	\$ 18,056,173
Long-term capital gains	\$ 35,467,428	\$ 68,200,867

The book-basis character of distributions made during the year from net investment income or net realized gains may differ from their ultimate characterization for federal income tax purposes. These differences reflect the differing character of certain income items and net realized gains and losses for financial statement and tax purposes, and may result in reclassification among certain capital accounts on the financial statements.

The reclassifications, which are primarily due to tax equalization, were made to capital \$12,128,326 and distributable earnings \$(12,128,326).

As of period end, the federal tax cost of investments and the components of distributable earnings on a tax-basis were as follows:

Federal tax cost of investments	<u>\$ 285,914,028</u>
Gross tax appreciation of investments	\$ 159,613,716
Gross tax depreciation of investments	(3,975,026)
Net tax appreciation (depreciation) of investments	<u>\$ 155,638,690</u>
Undistributed ordinary income	\$ 3,687,984
Accumulated long-term gains	\$ 55,381,544

The difference between book-basis and tax-basis unrealized appreciation (depreciation) is attributable primarily to the tax deferral of losses on wash sales.

Financial Highlights

For a Share Outstanding Throughout the Years Ended June 30 (except as noted)

Per-Share Data								Ratios and Supplemental Data							
Income From Investment Operations:				Distributions From:				Ratio to Average Net Assets of:							
Net Asset Value, Beginning of Period	Net Investment Income (Loss) ⁽¹⁾	Net Realized and Unrealized Gain (Loss)	Total From Investment Operations	Net Investment Income	Net Realized Gains	Total Distributions	Net Asset Value, End of Period	Total Return ⁽²⁾	Operating Expenses	Operating Expenses (before expense waiver)	Net Investment Income (Loss)	Net Investment Income (Loss) (before expense waiver)	Portfolio Turnover Rate	Net Assets, End of Period (in thousands)	
Investor Class															
2020	\$21.76	(0.02)	4.59	4.57	—	(1.94)	(1.94)	\$24.39	22.13%	1.01%	1.02%	(0.10)%	(0.11)%	142%	\$238,408
2019	\$24.05	0.05	1.08	1.13	(0.04)	(3.38)	(3.42)	\$21.76	6.61%	1.02%	1.02%	0.24%	0.24%	105%	\$250,920
2018	\$22.10	0.05	3.97	4.02	(0.03)	(2.04)	(2.07)	\$24.05	18.80%	1.02%	1.02%	0.21%	0.21%	97%	\$362,865
2017	\$18.36	0.11	3.74	3.85	(0.11)	—	(0.11)	\$22.10	20.88%	1.02%	1.02%	0.51%	0.51%	124%	\$434,242
2016	\$19.15	0.12	(0.53)	(0.41)	(0.12)	(0.26)	(0.38)	\$18.36	(2.08)%	1.03%	1.03%	0.64%	0.64%	113%	\$370,901
I Class															
2020	\$21.84	0.02	4.62	4.64	—	(1.94)	(1.94)	\$24.54	22.38%	0.81%	0.82%	0.10%	0.09%	142%	\$136,351
2019	\$24.13	0.10	1.08	1.18	(0.09)	(3.38)	(3.47)	\$21.84	6.82%	0.82%	0.82%	0.44%	0.44%	105%	\$213,805
2018	\$22.16	0.10	3.99	4.09	(0.08)	(2.04)	(2.12)	\$24.13	19.01%	0.82%	0.82%	0.41%	0.41%	97%	\$231,261
2017	\$18.41	0.15	3.75	3.90	(0.15)	—	(0.15)	\$22.16	21.18%	0.82%	0.82%	0.71%	0.71%	124%	\$238,480
2016	\$19.20	0.16	(0.53)	(0.37)	(0.16)	(0.26)	(0.42)	\$18.41	(1.95)%	0.83%	0.83%	0.84%	0.84%	113%	\$318,576
Y Class															
2020	\$21.85	0.04	4.61	4.65	—	(1.94)	(1.94)	\$24.56	22.42%	0.76%	0.77%	0.15%	0.14%	142%	\$232
2019	\$24.14	0.12	1.07	1.19	(0.10)	(3.38)	(3.48)	\$21.85	6.87%	0.77%	0.77%	0.49%	0.49%	105%	\$579
2018	\$22.17	0.11	3.99	4.10	(0.09)	(2.04)	(2.13)	\$24.14	19.06%	0.77%	0.77%	0.46%	0.46%	97%	\$6
2017 ⁽³⁾	\$21.62	0.04	0.63	0.67	(0.12)	—	(0.12)	\$22.17	3.07%	0.77% ⁽⁴⁾	0.77% ⁽⁴⁾	0.74% ⁽⁴⁾	0.74% ⁽⁴⁾	124% ⁽⁵⁾	\$5

For a Share Outstanding Throughout the Years Ended June 30 (except as noted)

Per-Share Data								Ratios and Supplemental Data							
Income From Investment Operations:				Distributions From:				Ratio to Average Net Assets of:							
Net Asset Value, Beginning of Period	Net Investment Income (Loss) ⁽¹⁾	Net Realized and Unrealized Gain (Loss)	Total From Investment Operations	Net Investment Income	Net Realized Gains	Total Distributions	Net Asset Value, End of Period	Total Return ⁽²⁾	Operating Expenses	Operating Expenses (before expense waiver)	Net Investment Income (Loss)	Net Investment Income (Loss) (before expense waiver)	Portfolio Turnover Rate	Net Assets, End of Period (in thousands)	
A Class															
2020	\$21.53	(0.08)	4.54	4.46	—	(1.94)	(1.94)	\$24.05	21.84%	1.26%	1.27%	(0.35)%	(0.36)%	142%	\$34,139
2019	\$23.87	— ⁽⁶⁾	1.06	1.06	(0.02)	(3.38)	(3.40)	\$21.53	6.32%	1.27%	1.27%	(0.01)%	(0.01)%	105%	\$31,650
2018	\$21.97	(0.01)	3.95	3.94	—	(2.04)	(2.04)	\$23.87	18.48%	1.27%	1.27%	(0.04)%	(0.04)%	97%	\$37,832
2017	\$18.28	0.05	3.72	3.77	(0.08)	—	(0.08)	\$21.97	20.61%	1.27%	1.27%	0.26%	0.26%	124%	\$58,469
2016	\$19.09	0.07	(0.52)	(0.45)	(0.10)	(0.26)	(0.36)	\$18.28	(2.35)%	1.28%	1.28%	0.39%	0.39%	113%	\$133,042
C Class															
2020	\$19.98	(0.22)	4.17	3.95	—	(1.94)	(1.94)	\$21.99	20.94%	2.01%	2.02%	(1.10)%	(1.11)%	142%	\$22,346
2019	\$22.55	(0.16)	0.97	0.81	—	(3.38)	(3.38)	\$19.98	5.57%	2.02%	2.02%	(0.76)%	(0.76)%	105%	\$26,088
2018	\$21.00	(0.17)	3.76	3.59	—	(2.04)	(2.04)	\$22.55	17.57%	2.02%	2.02%	(0.79)%	(0.79)%	97%	\$40,253
2017	\$17.54	(0.09)	3.55	3.46	—	—	—	\$21.00	19.73%	2.02%	2.02%	(0.49)%	(0.49)%	124%	\$44,456
2016	\$18.41	(0.06)	(0.51)	(0.57)	(0.04)	(0.26)	(0.30)	\$17.54	(3.11)%	2.03%	2.03%	(0.36)%	(0.36)%	113%	\$45,050
R Class															
2020	\$21.06	(0.13)	4.43	4.30	—	(1.94)	(1.94)	\$23.42	21.56%	1.51%	1.52%	(0.60)%	(0.61)%	142%	\$9,548
2019	\$23.47	(0.06)	1.03	0.97	—	(3.38)	(3.38)	\$21.06	6.03%	1.52%	1.52%	(0.26)%	(0.26)%	105%	\$9,948
2018	\$21.68	(0.06)	3.89	3.83	—	(2.04)	(2.04)	\$23.47	18.20%	1.52%	1.52%	(0.29)%	(0.29)%	97%	\$10,626
2017	\$18.06	— ⁽⁶⁾	3.67	3.67	(0.05)	—	(0.05)	\$21.68	20.33%	1.52%	1.52%	0.01%	0.01%	124%	\$11,184
2016	\$18.89	0.03	(0.52)	(0.49)	(0.08)	(0.26)	(0.34)	\$18.06	(2.60)%	1.53%	1.53%	0.14%	0.14%	113%	\$12,778

For a Share Outstanding Throughout the Years Ended June 30 (except as noted)

Per-Share Data								Ratios and Supplemental Data							
Income From Investment Operations:				Distributions From:				Ratio to Average Net Assets of:							
Net Asset Value, Beginning of Period	Net Investment Income (Loss) ⁽¹⁾	Net Realized and Unrealized Gain (Loss)	Total From Investment Operations	Net Investment Income	Net Realized Gains	Total Distributions	Net Asset Value, End of Period	Total Return ⁽²⁾	Operating Expenses	Operating Expenses (before expense waiver)	Net Investment Income (Loss)	Net Investment Income (Loss) (before expense waiver)	Portfolio Turnover Rate	Net Assets, End of Period (in thousands)	
R5 Class															
2020	\$21.85	0.02	4.62	4.64	—	(1.94)	(1.94)	\$24.55	22.37%	0.81%	0.82%	0.10%	0.09%	142%	\$1,153
2019	\$24.14	0.10	1.08	1.18	(0.09)	(3.38)	(3.47)	\$21.85	6.82%	0.82%	0.82%	0.44%	0.44%	105%	\$957
2018	\$22.17	0.10	3.99	4.09	(0.08)	(2.04)	(2.12)	\$24.14	19.00%	0.82%	0.82%	0.41%	0.41%	97%	\$1,142
2017 ⁽³⁾	\$21.62	0.03	0.63	0.66	(0.11)	—	(0.11)	\$22.17	3.06%	0.82% ⁽⁴⁾	0.82% ⁽⁴⁾	0.69% ⁽⁴⁾	0.69% ⁽⁴⁾	124% ⁽⁵⁾	\$5

Notes to Financial Highlights

- (1) Computed using average shares outstanding throughout the period.
- (2) Total returns are calculated based on the net asset value of the last business day and do not reflect applicable sales charges, if any. Total returns for periods less than one year are not annualized.
- (3) April 10, 2017 (commencement of sale) through June 30, 2017.
- (4) Annualized.
- (5) Portfolio turnover is calculated at the fund level. Percentage indicated was calculated for the year ended June 30, 2017.
- (6) Per-share amount was less than \$0.005.

See Notes to Financial Statements.

Report of Independent Registered Public Accounting Firm

To the Board of Directors of American Century Quantitative Equity Funds, Inc. and Shareholders of Disciplined Growth Fund

Opinion on the Financial Statements

We have audited the accompanying statement of assets and liabilities, including the schedule of investments, of Disciplined Growth Fund (one of the funds constituting American Century Quantitative Equity Funds, Inc., referred to hereafter as the "Fund") as of June 30, 2020, the related statement of operations for the year ended June 30, 2020, the statement of changes in net assets for each of the two years in the period ended June 30, 2020, including the related notes, and the financial highlights for each of the periods indicated therein (collectively referred to as the "financial statements"). In our opinion, the financial statements present fairly, in all material respects, the financial position of the Fund as of June 30, 2020, the results of its operations for the year then ended, the changes in its net assets for each of the two years in the period ended June 30, 2020 and the financial highlights for each of the periods indicated therein in conformity with accounting principles generally accepted in the United States of America.

Basis for Opinion

These financial statements are the responsibility of the Fund's management. Our responsibility is to express an opinion on the Fund's 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 Fund 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 June 30, 2020 by correspondence with the custodian and brokers. We believe that our audits provide a reasonable basis for our opinion.

/s/ PricewaterhouseCoopers LLP
Kansas City, Missouri
August 17, 2020

We have served as the auditor of one or more investment companies in American Century Investments since 1997.

Management

The Board of Directors

The individuals listed below serve as directors of the funds. Each director will continue to serve in this capacity until death, retirement, resignation or removal from office. The board has adopted a mandatory retirement age for directors who are not “interested persons,” as that term is defined in the Investment Company Act (independent directors). Independent directors shall retire by December 31 of the year in which they reach their 75th birthday; provided, however, that on or after January 1, 2022, independent directors shall retire on December 31 of the year in which they reach their 76th birthday.

Mr. Thomas is an “interested person” because he currently serves as President and Chief Executive Officer of American Century Companies, Inc. (ACC), the parent company of American Century Investment Management, Inc. (ACIM or the advisor). The other directors (more than three-fourths of the total number) are independent. They are not employees, directors or officers of, and have no financial interest in, ACC or any of its wholly owned, direct or indirect, subsidiaries, including ACIM, American Century Investment Services, Inc. (ACIS) and American Century Services, LLC (ACS), and they do not have any other affiliations, positions or relationships that would cause them to be considered “interested persons” under the Investment Company Act. The directors serve in this capacity for eight (in the case of Jonathan S. Thomas, 16; and Ronald J. Gilson, 9) registered investment companies in the American Century Investments family of funds.

The following table presents additional information about the directors. The mailing address for each director other than Mr. Thomas is 1665 Charleston Road, Mountain View, California 94043. The mailing address for Mr. Thomas is 4500 Main Street, Kansas City, Missouri 64111.

Name (Year of Birth)	Position(s) Held with Funds	Length of Time Served	Principal Occupation(s) During Past 5 Years	Number of American Century Portfolios Overseen by Director	Other Directorships Held During Past 5 Years
Independent Directors					
Tanya S. Beder (1955)	Director	Since 2011	Chairman and CEO, SBCC Group Inc. (independent advisory services) (2006 to present)	40	CYS Investments, Inc.; Kirby Corporation; Nabors Industries Ltd.
Jeremy I. Bulow (1954)	Director	Since 2011	Professor of Economics, Stanford University, Graduate School of Business (1979 to present)	40	None
Anne Casscells (1958)	Director	Since 2016	Co-Chief Executive Officer and Chief Investment Officer, Aetos Alternatives Management (investment advisory firm) (2001 to present); Lecturer in Accounting, Stanford University, Graduate School of Business (2009 to 2017)	40	None

Name (Year of Birth)	Position(s) Held with Funds	Length of Time Served	Principal Occupation(s) During Past 5 Years	Number of American Century Portfolios Overseen by Director	Other Directorships Held During Past 5 Years
Independent Directors					
Ronald J. Gilson (1946)	Director and Chairman of the Board	Since 1995 (Chairman since 2005)	Charles J. Meyers Professor of Law and Business, Emeritus, Stanford Law School (1979 to 2016); Marc and Eva Stern Professor of Law and Business, Columbia University School of Law (1992 to present)	59	None
Frederick L. A. Grauer (1946)	Director	Since 2008	Senior Advisor, Credit Sesame, Inc. (credit monitoring firm) (2018 to present); Senior Advisor, Course Hero (an educational technology company) (2015 to present)	40	None
Jonathan D. Levin (1972)	Director	Since 2016	Philip H. Knight Professor and Dean, Graduate School of Business, Stanford University (2016 to present); Professor, Stanford University, (2000 to present)	40	None
Peter F. Pervere (1947)	Director	Since 2007	Retired	40	None
John B. Shoven (1947)	Director	Since 2002	Charles R. Schwab Professor of Economics, Stanford University (1973 to present, emeritus since 2019)	40	Cadence Design Systems; E ² ponent; Financial Engines
Interested Director					
Jonathan S. Thomas (1963)	Director	Since 2007	President and Chief Executive Officer, ACC (2007 to present). Also serves as Chief Executive Officer, ACS; Executive Vice President, ACIM; Director, ACC, ACIM and other ACC subsidiaries	122	None

The Statement of Additional Information has additional information about the fund's directors and is available without charge, upon request, by calling 1-800-345-2021.

Officers

The following table presents certain information about the executive officers of the funds. Each officer serves as an officer for each of the 16 (in the case of Robert J. Leach, 15) investment companies in the American Century family of funds, unless otherwise noted. No officer is compensated for his or her service as an officer of the funds. The listed officers are interested persons of the funds and are appointed or re-appointed on an annual basis. The mailing address for each officer listed below is 4500 Main Street, Kansas City, Missouri 64111.

Name (Year of Birth)	Offices with the Funds	Principal Occupation(s) During the Past Five Years
Patrick Bannigan (1965)	President since 2019	Executive Vice President and Director, ACC (2012 to present); Chief Financial Officer, Chief Accounting Officer and Treasurer, ACC (2015 to present). Also serves as President, ACS; Vice President, ACIM; Chief Financial Officer, Chief Accounting Officer and/or Director, ACIM, ACS and other ACC subsidiaries
R. Wes Campbell (1974)	Chief Financial Officer and Treasurer since 2018	Vice President, ACS (2020 to present); Investment Operations and Investment Accounting, ACS (2000 to present)
Amy D. Shelton (1964)	Chief Compliance Officer and Vice President since 2014	Chief Compliance Officer, American Century funds, (2014 to present); Chief Compliance Officer, ACIM (2014 to present); Chief Compliance Officer, ACIS (2009 to present). Also serves as Vice President, ACIS
Charles A. Etherington (1957)	General Counsel since 2007 and Senior Vice President since 2006	Attorney, ACC (1994 to present); Vice President, ACC (2005 to present); General Counsel, ACC (2007 to present). Also serves as General Counsel, ACIM, ACS, ACIS and other ACC subsidiaries; and Senior Vice President, ACIM and ACS
C. Jean Wade (1964)	Vice President since 2012	Senior Vice President, ACS (2017 to present); Vice President, ACS (2000 to 2017)
Robert J. Leach (1966)	Vice President since 2006	Vice President, ACS (2000 to present)
David H. Reinmiller (1963)	Vice President since 2000	Attorney, ACC (1994 to present). Also serves as Vice President, ACIM and ACS
Ward D. Stauffer (1960)	Secretary since 2005	Attorney, ACC (2003 to present)

Approval of Management Agreement

At a meeting held on June 17, 2020, the Fund's Board of Directors (the "Board") unanimously approved the renewal of the management agreement pursuant to which American Century Investment Management, Inc. (the "Advisor") acts as the investment advisor for the Fund. Under Section 15(c) of the Investment Company Act, contracts for investment advisory services are required to be reviewed, evaluated, and approved by a majority of a fund's Directors, including a majority of the independent Directors, each year. The Board regards this annual evaluation and renewal as one of its most important responsibilities.

The independent Directors have memorialized a statement regarding the relationship between their ongoing obligations to oversee and evaluate the performance of the Advisor and their annual consideration of renewal of the management agreement. In that statement, the independent Directors noted that their assessment of the Advisor's performance is an ongoing process that takes place over the entire year and is informed by all of the extensive information that the Board and its committees receive and consider over time. This information, together with the additional materials provided specifically in connection with the review, are central to the Board's assessment of the Advisor's performance and its determination whether to renew the Fund's management agreement.

Prior to its consideration of the renewal of the management agreement, the Board requested and reviewed extensive data and analysis relating to the proposed renewal. This information and analysis was compiled by the Advisor and certain independent providers of evaluation data concerning the Fund and the services provided to the Fund by the Advisor.

In connection with its consideration of the renewal of the management agreement, the Board's review and evaluation of the services provided by the Advisor included, but was not limited to, the following:

- the nature, extent, and quality of investment management, shareholder services, and other services provided to the Fund;
- the wide range of other programs and services the Advisor and its affiliates provide to the Fund and its shareholders on a routine and non-routine basis;
- the Fund's investment performance, including data comparing the Fund's performance to appropriate benchmarks and/or a peer group of other mutual funds with similar investment objectives and strategies;
- the cost of owning the Fund compared to the cost of owning similar funds;
- the compliance policies, procedures, and regulatory experience of the Advisor and its affiliates and certain other Fund service providers;
- financial data showing the cost of services provided by the Advisor and its affiliates to the Fund, the profitability of the Fund to the Advisor, and the overall profitability of the Advisor;
- the Advisor's strategic plans;
- the Advisor's response to the COVID-19 pandemic;
- any economies of scale associated with the Advisor's management of the Fund;
- services provided and charges to the Advisor's other investment management clients;
- fees and expenses associated with any investment by the Fund in other funds;
- payments and practices in connection with financial intermediaries holding shares of the Fund on behalf of their clients and the services provided by intermediaries in connection therewith; and
- any collateral benefits derived by the Advisor from the management of the Fund.

In keeping with its practice, the Board held two meetings and the independent Directors met in private session to discuss the renewal and to review and discuss the information provided in response to their request. The Board held active discussions with the Advisor regarding the

renewal of the management agreement. The independent Directors had the benefit of the advice of their independent counsel throughout the process.

Factors Considered

The Directors considered all of the information provided by the Advisor, the independent data providers, and the independent Directors' independent counsel in connection with the approval. They determined that the information was sufficient for them to evaluate the management agreement for the Fund. In connection with their review, the Directors did not identify any single factor as being all-important or controlling and each Director may have attributed different levels of importance to different factors. In deciding to renew the management agreement, the Board based its decision on a number of factors, including the following:

Nature, Extent and Quality of Services — Generally. Under the management agreement, the Advisor is responsible for providing or arranging for all services necessary for the operation of the Fund. The Board noted that the Advisor provides or arranges at its own expense a wide variety of services including:

- constructing and designing the Fund
- portfolio research and security selection
- initial capitalization/funding
- securities trading
- Fund administration
- custody of Fund assets
- daily valuation of the Fund's portfolio
- shareholder servicing and transfer agency, including shareholder confirmations, recordkeeping, and communications
- legal services (except the independent Directors' counsel)
- regulatory and portfolio compliance
- financial reporting
- marketing and distribution (except amounts paid by the Fund under Rule 12b-1 plans)

The Board noted that many of these services have expanded over time in terms of both quantity and complexity in response to shareholder demands, competition in the industry, changing distribution channels, and the changing regulatory environment.

Investment Management Services. The nature of the investment management services provided to the Fund is quite complex and allows Fund shareholders access to professional money management, instant diversification of their investments within an asset class, the opportunity to easily diversify among asset classes by investing in or exchanging among various American Century Investments funds, and liquidity. In evaluating investment performance, the Board expects the Advisor to manage the Fund in accordance with its investment objectives and approved strategies. Further, the Directors recognize that the Advisor has an obligation to seek the best execution of fund trades. In providing these services, the Advisor utilizes teams of investment professionals (portfolio managers, analysts, research assistants, and securities traders) who require extensive information technology, research, training, compliance, and other systems to conduct their business. The Board, directly and through its Portfolio Committee, regularly reviews investment performance information for the Fund, together with comparative information for appropriate benchmarks and/or peer groups of similarly-managed funds, over different time horizons. The Directors also review investment performance information during the management agreement renewal process. If performance concerns are identified, the Fund receives special reviews until performance improves, during which the Board discusses with the Advisor the reasons for such results (e.g., market conditions, security selection) and any efforts being undertaken to improve performance. The Fund's performance was below its benchmark for the one-, three-, five-, and ten-year periods reviewed by the Board. The Board discussed the Fund's performance with the Advisor and was satisfied with the efforts being undertaken by the Advisor.

The Board found the investment management services provided by the Advisor to the Fund to be satisfactory and consistent with the management agreement.

Shareholder and Other Services. Under the management agreement, the Advisor, either directly or through affiliates or third parties, provides the Fund with a comprehensive package of transfer agency, shareholder, and other services. The Board, directly and through its various committees, regularly reviews reports and evaluations of such services at its regular meetings. These reports include, but are not limited to, information regarding the operational efficiency and accuracy of the shareholder and transfer agency services provided, staffing levels, shareholder satisfaction, technology support (including cyber security), new products and services offered to Fund shareholders, securities trading activities, portfolio valuation services, auditing services, and legal and operational compliance activities. The Board found the services provided by the Advisor to the Fund under the management agreement to be competitive and of high quality.

COVID-19 Response. During 2020, much of the world experienced unprecedented change and challenges from the impacts of the rapidly evolving, worldwide spread of the COVID-19 virus. The Board evaluated the Advisor's response to the COVID-19 pandemic and its impact on service to the Fund. The Board found that Fund shareholders have continued to receive the Advisor's investment management and other services without disruption, and Advisor personnel have demonstrated great resiliency in providing those services. The Board, directly and through its committees, continues to monitor the impact of the pandemic and the response of each of the Fund's service providers.

Costs of Services and Profitability. The Advisor provides detailed information concerning its cost of providing various services to the Fund, its profitability in managing the Fund, its overall profitability, and its financial condition. The Directors have reviewed with the Advisor the methodology used to prepare this financial information. This information is considered in evaluating the Advisor's financial condition, its ability to continue to provide services under the management agreement, and the reasonableness of the current management fee. The Board concluded that the Advisor's profits were reasonable in light of the services provided to the Fund.

Ethics. The Board generally considers the Advisor's commitment to providing quality services to shareholders and to conducting its business ethically. They noted that the Advisor's practices generally meet or exceed industry best practices.

Economies of Scale. The Board also reviewed information provided by the Advisor regarding the possible existence of economies of scale in connection with the management of the Fund. The Board concluded that economies of scale are difficult to measure and predict with precision, especially on a fund-by-fund basis. The Board concluded that the Advisor is appropriately sharing economies of scale, to the extent they exist, through its competitive fee structure, offering competitive fees from fund inception, and through reinvestment in its business, infrastructure, investment capabilities and initiatives to provide shareholders enhanced and expanded services.

Comparison to Other Funds' Fees. The management agreement provides that the Fund pays the Advisor a single, all-inclusive (or unified) management fee for providing all services necessary for the management and operation of the Fund, other than brokerage expenses, expenses attributable to short sales, taxes, interest, extraordinary expenses, fees and expenses of the Fund's independent Directors (including their independent legal counsel), and expenses incurred in connection with the provision of shareholder services and distribution services under a plan adopted pursuant to Rule 12b-1 under the Investment Company Act. Under this unified fee structure, the Advisor is responsible for providing all investment advisory, custody, audit, administrative, compliance, recordkeeping, marketing, and shareholder services, or arranging and supervising third parties to provide such services. By contrast, most other funds are charged a variety of fees, including an investment advisory fee, a transfer agency fee, an administrative fee, and other expenses. Other than their investment advisory fees and any applicable Rule 12b-1 distribution fees, all other components of the total fees charged by these other funds may be

increased without shareholder approval. The Board believes the unified fee structure is a benefit to Fund shareholders because it clearly discloses to shareholders the cost of owning Fund shares, and, since the unified fee cannot be increased without a vote of Fund shareholders, it shifts to the Advisor the risk of increased costs of operating the Fund and provides a direct incentive to minimize administrative inefficiencies. Part of the Board's analysis of fee levels involves reviewing certain evaluative data compiled by an independent provider and comparing the Fund's unified fee to the total expense ratio of peer funds. The unified fee charged to shareholders of the Fund was at the median of the total expense ratios of the Fund's peer group. The Board and the Advisor agreed to a temporary reduction of the Fund's annual unified management fee of 0.01% (e.g., the Investor Class unified fee will be reduced from 1.01% to 1.00%) for at least one year, beginning August 1, 2020. The Board concluded that the management fee paid by the Fund to the Advisor under the management agreement is reasonable in light of the services provided to the Fund.

Comparison to Fees and Services Provided to Other Clients of the Advisor. The Board also requested and received information from the Advisor concerning the nature of the services, fees, costs, and profitability of its advisory services to advisory clients other than the Fund. They observed that these varying types of client accounts require different services and involve different regulatory and entrepreneurial risks than the management of the Fund. The Board analyzed this information and concluded that the fees charged and services provided to the Fund were reasonable by comparison.

Payments to Intermediaries. The Directors also requested and received a description of payments made to intermediaries by the Fund and the Advisor and services provided by intermediaries. These payments include various payments made by the Fund or the Advisor to different types of intermediaries and recordkeepers for distribution and service activities provided with respect to the Fund. The Directors reviewed such information and received representations from the Advisor that all such payments by the Fund were made pursuant to the Fund's Rule 12b-1 Plan and that all such payments by the Advisor were made from the Advisor's resources and reasonable profits. The Board found such payments to be reasonable in scope and purpose.

Collateral or "Fall-Out" Benefits Derived by the Advisor. The Board considered the existence of collateral benefits the Advisor may receive as a result of its relationship with the Fund. The Board noted that the Advisor's primary business is managing mutual funds and it generally does not use fund or shareholder information to generate profits in other lines of business, and therefore does not derive any significant collateral benefits from them. The Board noted that the Advisor may receive proprietary research from broker-dealers that execute fund portfolio transactions. The Board also determined that the Advisor is able to provide investment management services to certain clients other than the Fund, at least in part, due to its existing infrastructure built to serve the fund complex. The Board noted that the assets of those other accounts are, where applicable, included with the assets of the Fund to determine breakpoints in the management fee schedule.

Existing Relationship. The Board also considered whether there was any reason for not continuing the existing arrangement with the Advisor. In this regard, the Board was mindful of the potential disruptions of the Fund's operations and various risks, uncertainties, and other effects that could occur as a result of a decision not to continue such relationship. In particular, the Board recognized that most shareholders have invested in the Fund on the strength of the Advisor's industry standing and reputation and in the expectation that the Advisor will have a continuing role in providing advisory services to the Fund.

Conclusion of the Directors. As a result of this process, the Board, including all of the independent Directors and assisted by the advice of independent legal counsel, taking into account all of the factors discussed above and the information provided by the Advisor and others in connection with its review and throughout the year, concluded that the management agreement between the Fund and the Advisor is fair and reasonable in light of the services provided and should be renewed.

Liquidity Risk Management Program

The Fund has adopted a liquidity risk management program (the "program"). The Fund's Board of Directors (the "Board") has designated American Century Investment Management, Inc. ("ACIM") as the administrator of the program. Personnel of ACIM or its affiliates conduct the day-to-day operation of the program pursuant to policies and procedures administered by those members of the ACIM's Investment Oversight Committee who are members of the ACIM's Investment Management and Global Analytics departments.

Under the program, ACIM manages the Fund's liquidity risk, which is the risk that the 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. ACIM'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 Board reviewed a report prepared by ACIM regarding the operation and effectiveness of the program for the period December 1, 2018 through December 31, 2019. No significant liquidity events impacting the Fund were noted in the report. In addition, ACIM provided its assessment that the program had been effective in managing the Fund's liquidity risk.

Additional Information

Retirement Account Information

As required by law, distributions you receive from certain retirement accounts are subject to federal income tax withholding, unless you elect not to have withholding apply*. Tax will be withheld on the total amount withdrawn even though you may be receiving amounts that are not subject to withholding, such as nondeductible contributions. In such case, excess amounts of withholding could occur. You may adjust your withholding election so that a greater or lesser amount will be withheld.

If you don't want us to withhold on this amount, you must notify us to not withhold the federal income tax. You may notify us in writing or in certain situations by telephone or through other electronic means. For systematic withdrawals, your withholding election will remain in effect until revoked or changed by filing a new election. You have the right to revoke your election at any time and change your withholding percentage for future distributions.

Remember, even if you elect not to have income tax withheld, you are liable for paying income tax on the taxable portion of your withdrawal. If you elect not to have income tax withheld or you don't have enough income tax withheld, you may be responsible for payment of estimated tax. You may incur penalties under the estimated tax rules if your withholding and estimated tax payments are not sufficient. You can reduce or defer the income tax on a distribution by directly or indirectly rolling such distribution over to another IRA or eligible plan. You should consult your tax advisor for additional information.

State tax will be withheld if, at the time of your distribution, your address is within one of the mandatory withholding states and you have federal income tax withheld (or as otherwise required by state law). State taxes will be withheld from your distribution in accordance with the respective state rules.

*Some 403(b), 457 and qualified retirement plan distributions may be subject to 20% mandatory withholding, as they are subject to special tax and withholding rules. Your plan administrator or plan sponsor is required to provide you with a special tax notice explaining those rules at the time you request a distribution. If applicable, federal and/or state taxes may be withheld from your distribution amount.

Proxy Voting Policies

Descriptions of the principles and policies that the fund's investment advisor uses in exercising the voting rights associated with the securities purchased and/or held by the fund are available without charge, upon request, by calling 1-800-345-2021 or visiting American Century Investments' website at americancentury.com/proxy. A description of the policies is also available on the Securities and Exchange Commission's website at sec.gov. Information regarding how the investment advisor voted proxies relating to portfolio securities during the most recent 12-month period ended June 30 is available on americancentury.com/proxy. It is also available at sec.gov.

Quarterly Portfolio Disclosure

The fund files its complete schedule of portfolio holdings with the Securities and Exchange Commission (SEC) for the first and third quarters of each fiscal year as an exhibit to its reports on Form N-PORT. The fund's Form N-PORT reports are available on the SEC's website at sec.gov. The fund also makes its complete schedule of portfolio holdings for the most recent quarter of its fiscal year available on its website at americancentury.com and, upon request, by calling 1-800-345-2021.

Other Tax Information

The following information is provided pursuant to provisions of the Internal Revenue Code.

The fund hereby designates up to the maximum amount allowable as qualified dividend income for the fiscal year ended June 30, 2020.

For corporate taxpayers, the fund hereby designates \$3,829,422, or up to the maximum amount allowable, of ordinary income distributions paid during the fiscal year ended June 30, 2020 as qualified for the corporate dividends received deduction.

The fund hereby designates \$46,701,545, or up to the maximum amount allowable, as long-term capital gain distributions (20% rate gain distributions) for the fiscal year ended June 30, 2020.

The fund hereby designates \$5,254,106 as qualified short-term capital gain distributions for purposes of Internal Revenue Code Section 871 for the fiscal year ended June 30, 2020.

The fund utilized earnings and profits of \$12,128,326 distributed to shareholders on redemption of shares as part of the dividends paid deduction (tax equalization).

Notes

Notes

Notes



Contact Us

americancentury.com

Automated Information Line	1-800-345-8765
----------------------------	----------------

Investor Services Representative	1-800-345-2021 or 816-531-5575
----------------------------------	-----------------------------------

Investors Using Advisors	1-800-378-9878
--------------------------	----------------

Business, Not-For-Profit, Employer-Sponsored Retirement Plans	1-800-345-3533
---	----------------

Banks and Trust Companies, Broker-Dealers, Financial Professionals, Insurance Companies	1-800-345-6488
---	----------------

Telecommunications Relay Service for the Deaf	711
---	-----

American Century Quantitative Equity Funds, Inc.

Investment Advisor:

American Century Investment Management, Inc.
Kansas City, Missouri

This report and the statements it contains are submitted for the general information of our shareholders. The report is not authorized for distribution to prospective investors unless preceded or accompanied by an effective prospectus.