

www.blackrock.com/au/ishares or 1300 474 273

2 December 2016

Market Announcements Office ASX Limited

FOR RELEASE TO ALL FUNDS LISTED BELOW

SEMI ANNUAL REPORT TO SHAREHOLDERS: AS OF 30 SEPTEMBER 2016

BlackRock Investment Management (Australia) Limited (**BIMAL**), on behalf of iShares Trust, makes this announcement regarding certain iShares exchange traded funds listed on the ASX.

Attached is a copy of a "2016 Semi-annual report (unaudited)" document relating to certain funds of iShares Trust, which has been lodged with the US Securities and Exchange Commission.

All information included in the attached document relating to funds of iShares Trust not detailed in the below table should be disregarded.

ASX Code	Fund Name
IVV	iShares S&P 500 ETF
IJH	iShares S&P Mid-Cap ETF
IJR	iShares S&P Small-Cap ETF

Important Notice

Before investing in an iShares ETF, you should carefully consider whether such products are appropriate for you, read the applicable prospectus or product disclosure statement (PDS) available at www.blackrock.com.au and consult an investment adviser.

An iShares ETF is not sponsored, endorsed, issued, sold or promoted by the provider of the index which a particular fund seeks to track. No index provider makes any representation regarding the advisability of investing in the iShares ETFs. Further information on the index providers can be found on BIMAL's website terms and conditions at www.blackrock.com.au.

For more information about iShares ETFs go to www.blackrock.com/au/ishares or call 1300 474 273.

© 2016 BlackRock, Inc. All Rights reserved. BLACKROCK, BLACKROCK SOLUTIONS, iSHARES and the stylized i logo are registered and unregistered trademarks of BlackRock, Inc. or its subsidiaries in the United States and elsewhere. All other trademarks are those of their respective owners.

** END **

2016 SEMI-ANNUAL REPORT (UNAUDITED)



iShares Trust

- ▶ iShares Core S&P 500 ETF | IVV | NYSE Arca
- ▶ iShares Core S&P Mid-Cap ETF | IJH | NYSE Arca
- ▶ iShares Core S&P Small-Cap ETF | IJR | NYSE Arca
- ▶ iShares Core S&P Total U.S. Stock Market ETF | ITOT | NYSE Arca

Table of Contents

Fund Performance Overviews	
About Fund Performance	
Shareholder Expenses	ć
Summary Schedules of Investments	10
iShares Core S&P 500 ETF	10
iShares Core S&P Mid-Cap ETF	15
iShares Core S&P Small-Cap ETF	20
iShares Core S&P Total U.S. Stock Market ETF	25
Financial Statements	30
Financial Highlights	36
Notes to Financial Statements	
Board Review and Approval of Investment Advisory Contract	52
Supplemental Information	



iSHARES® CORE S&P 500 ETF

Performance as of September 30, 2016

The **iShares Core S&P 500 ETF** (the "Fund") seeks to track the investment results of an index composed of large-capitalization U.S. equities, as represented by the S&P 500® (the "Index"). The Fund invests in a representative sample of securities included in the Index that collectively has an investment profile similar to the Index. Due to the use of representative sampling, the Fund may or may not hold all of the securities that are included in the Index. For the six-month reporting period ended September 30, 2016, the total return for the Fund was 6.37%, net of fees, while the total return for the Index was 6.40%.

	Average	Annual Total	Returns	Cumu	Cumulative Total Returns			
	NAV	MARKET	INDEX	NAV	MARKET	INDEX		
1 Year	15.37%	15.39%	15.43%	15.37%	15.39%	15.43%		
5 Years	16.30%	16.29%	16.37%	112.74%	112.63%	113.44%		
10 Years	7.19%	7.18%	7.24%	100.15%	99.96%	101.14%		

Past performance is no guarantee of future results. Performance results do not reflect the deduction of taxes that a shareholder would pay on fund distributions or on the redemption or sale of fund shares. See "About Fund Performance" on page 9 for more information.

Shareholder Expenses

			Actual				Н	lypothe	etical 5% Retu	ırn		
	Beginning		Ending				Beginning		Ending			
Ac	count Value	Acc	count Value	Expe	nses Paid	Acc	count Value	Acc	count Value	Expe	nses Paid	Annualized
	(4/1/16)		(9/30/16)	Duri	ng Period ^a		(4/1/16)		(9/30/16)	Duri	ing Period ^a	Expense Ratio
\$	1,000.00	\$	1,063.70	\$	0.36	\$	1,000.00	\$	1,024.70	\$	0.36	0.07%

^a Expenses are calculated using the Fund's annualized expense ratio (as disclosed in the table), multiplied by the average account value for the period, multiplied by the number of days in the period (183 days) and divided by the number of days in the year (365 days). See "Shareholder Expenses" on page 9 for more information.

ALLOCATION BY SECTOR As of 9/30/16

As of 9/30/1	6	As of 9/30/16				
Sector	Percentage of Total Investments*	Security	Percentage of Total Investments*			
Information Technology	21.24%	Apple Inc.	3.24%			
Health Care	14.68	Microsoft Corp.	2.39			
Financials	12.78	Exxon Mobil Corp.	1.93			
Consumer Discretionary	12.53	Amazon.com Inc.	1.75			
Consumer Staples	9.89	Johnson & Johnson	1.72			
Industrials	9.73	Facebook Inc. Class A	1.59			
Energy	7.27	Berkshire Hathaway Inc. Class B	1.46			
Utilities	3.28	General Electric Co.	1.41			
Real Estate	3.06	AT&T Inc.	1.33			
Materials	2.90	JPMorgan Chase & Co.	_1.28			
Telecommunication Services	2.64	TOTAL	18.10%			
TOTAL	100.00%					

^{*} Excludes money market funds.

iSHARES® CORE S&P MID-CAP ETF

Performance as of September 30, 2016

The **iShares Core S&P Mid-Cap ETF** (the "Fund") seeks to track the investment results of an index composed of mid-capitalization U.S. equities, as represented by the S&P MidCap 400® (the "Index"). The Fund invests in a representative sample of securities included in the Index that collectively has an investment profile similar to the Index. Due to the use of representative sampling, the Fund may or may not hold all of the securities that are included in the Index. For the six-month reporting period ended September 30, 2016, the total return for the Fund was 8.25%, net of fees, while the total return for the Index was 8.30%.

	Average	Annual Total	Returns	Cumu	Cumulative Total Returns			
	NAV	MARKET	INDEX	NAV	MARKET	INDEX		
1 Year	15.25%	15.24%	15.33%	15.25%	15.24%	15.33%		
5 Years	16.39%	16.38%	16.50%	113.58%	113.52%	114.59%		
10 Years	8.99%	9.00%	9.11%	136.60%	136.69%	139.22%		

Past performance is no guarantee of future results. Performance results do not reflect the deduction of taxes that a shareholder would pay on fund distributions or on the redemption or sale of fund shares. See "About Fund Performance" on page 9 for more information.

Shareholder Expenses

			Actual				Н	lypothe	etical 5% Retu	rn		
	Beginning		Ending				Beginning		Ending			
Acc	count Value	Acc	count Value	Exper	ises Paid	Acc	count Value	Acc	count Value	Expe	nses Paid	Annualized
	(4/1/16)		(9/30/16)	Durii	ng Period ^a		(4/1/16)		(9/30/16)	Duri	ng Period ^a	Expense Ratio
\$	1,000.00	\$	1,082.50	\$	0.63	\$	1,000.00	\$	1,024.50	\$	0.61	0.12%

^a Expenses are calculated using the Fund's annualized expense ratio (as disclosed in the table), multiplied by the average account value for the period, multiplied by the number of days in the period (183 days) and divided by the number of days in the year (365 days). See "Shareholder Expenses" on page 9 for more information.

ALLOCATION BY SECTOR As of 9/30/16

A3 01 3/30/1	<u> </u>	A3 01 3/30/10					
Sector	Percentage of Total Investments*	Security	Percentage of Total Investments*				
Information Technology	17.96%	IDEXX Laboratories Inc.	0.66%				
Financials	15.01	WhiteWave Foods Co. (The)	0.64				
Industrials	14.21	Ingredion Inc.	0.63				
Real Estate	11.88	Duke Realty Corp.	0.63				
Consumer Discretionary	11.65	ResMed Inc.	0.60				
Health Care	8.16	Synopsys Inc.	0.59				
Materials	7.25	CDK Global Inc.	0.57				
Utilities	5.56	Alexandria Real Estate Equities Inc.	0.56				
Consumer Staples	4.25	Regency Centers Corp.	0.53				
Energy	3.90	ANSYS Inc.	0.53				
Telecommunication Services	0.17	TOTAL	5.94%				
TOTAL	100.00%						

^{*} Excludes money market funds.

iSHARES® CORE S&P SMALL-CAP ETF

Performance as of September 30, 2016

The **iShares Core S&P Small-Cap ETF** (the "Fund") seeks to track the investment results of an index composed of small-capitalization U.S. equities, as represented by the S&P SmallCap 600® (the "Index"). The Fund invests in a representative sample of securities included in the Index that collectively has an investment profile similar to the Index. Due to the use of representative sampling, the Fund may or may not hold all of the securities that are included in the Index. For the six-month reporting period ended September 30, 2016, the total return for the Fund was 10.93%, net of fees, while the total return for the Index was 10.93%.

	Average	Annual Total	Returns	Cumu	Cumulative Total Returns			
	NAV	MARKET	INDEX	NAV	MARKET	INDEX		
1 Year	18.14%	18.13%	18.12%	18.14%	18.13%	18.12%		
5 Years	17.82%	17.83%	17.86%	127.03%	127.10%	127.39%		
10 Years	8.64%	8.64%	8.71%	129.00%	129.01%	130.43%		

Past performance is no guarantee of future results. Performance results do not reflect the deduction of taxes that a shareholder would pay on fund distributions or on the redemption or sale of fund shares. See "About Fund Performance" on page 9 for more information.

Shareholder Expenses

			Actual				Н	ypothe	etical 5% Retu	rn		
	Beginning		Ending				Beginning		Ending			
Ac	count Value	Acc	count Value	Exper	ises Paid	Acc	count Value	Acc	ount Value	Exper	nses Paid	Annualized
	(4/1/16)		(9/30/16)	Durii	ng Period ^a		(4/1/16)		(9/30/16)	Duri	ng Period ^a	Expense Ratio
\$	1,000.00	\$	1,109.30	\$	0.63	\$	1,000.00	\$	1,024.50	\$	0.61	0.12%

^a Expenses are calculated using the Fund's annualized expense ratio (as disclosed in the table), multiplied by the average account value for the period, multiplied by the number of days in the period (183 days) and divided by the number of days in the year (365 days). See "Shareholder Expenses" on page 9 for more information.

ALLOCATION BY SECTOR As of 9/30/16

740 01 0/00/1		7.5 51 5/50/15				
Sector	Percentage of Total Investments*	Security	Percentage of Total Investments*			
Industrials	18.23%	Piedmont Natural Gas Co. Inc.	0.74%			
Financials	16.29	Take-Two Interactive Software Inc.	0.59			
Information Technology	16.24	PDC Energy Inc.	0.57			
Consumer Discretionary	13.59	RR Donnelley & Sons Co.	0.50			
Health Care	12.38	B&G Foods Inc.	0.50			
Real Estate	6.78	Blackbaud Inc.	0.48			
Materials	5.78	Medidata Solutions Inc.	0.47			
Utilities	3.42	ALLETE Inc.	0.45			
Energy	3.25	U.S. Silica Holdings Inc.	0.45			
Consumer Staples	3.03	Spire Inc.	0.45			
Telecommunication Services	1.01	TOTAL	5.20%			
TOTAL	100.00%		==			

^{*} Excludes money market funds.

iSHARES® CORE S&P TOTAL U.S. STOCK MARKET ETF

Performance as of September 30, 2016

The **iShares Core S&P Total U.S. Stock Market ETF** (the "Fund") seeks to track the investment results of a broad-based index composed of U.S. equities, as represented by the S&P Total Market IndexTM (the "Index"). The Fund invests in a representative sample of securities included in the Index that collectively has an investment profile similar to the Index. Due to the use of representative sampling, the Fund may or may not hold all of the securities that are included in the Index. For the six-month reporting period ended September 30, 2016, the total return for the Fund was 7.17%, net of fees, while the total return for the Index was 7.18%.

	Average	Annual Total	Returns	Cı	Cumulative Total Returns			
	NAV	MARKET	INDEX	NAV	MARKET	INDEX		
1 Year	15.31%	15.36%	15.31%	15.31	% 15.36%	15.31%		
5 Years	16.30%	16.30%	16.40%	112.73	% 112.77%	113.69%		
10 Years	7.29%	7.28%	7.43%	102.12	% 101.92%	104.68%		

Index performance through December 20, 2015 reflects the performance of the S&P Composite 1500®. Index performance beginning on December 21, 2015 reflects the performance of the S&P Total Market IndexTM.

Past performance is no guarantee of future results. Performance results do not reflect the deduction of taxes that a shareholder would pay on fund distributions or on the redemption or sale of fund shares. See "About Fund Performance" on page 9 for more information.

Shareholder Expenses

		Hypothetical 5% Return						Actual				
			Ending		Beginning				Ending		Beginning	
Annualized	es Paid	Expens	ount Value	Acc	count Value	Acc	enses Paid	Expe	count Value	Acc	count Value	Acc
Expense Ratio	Period ^a	During	(9/30/16)		(4/1/16)		ring Period ^a	Dur	(9/30/16)		(4/1/16)	
0.03%	0.15	\$	1,024.90	\$	1,000.00	\$	0.16	\$	1,071.70	\$	1,000.00	\$

^a Expenses are calculated using the Fund's annualized expense ratio (as disclosed in the table), multiplied by the average account value for the period, multiplied by the number of days in the period (183 days) and divided by the number of days in the year (365 days). See "Shareholder Expenses" on page 9 for more information.

ALLOCATION BY SECTOR As of 9/30/16

710 01 0/00/1		7.0 0.07007.0			
Sector	Percentage of Total Investments*	Security	Percentage of Total Investments*		
Information Technology	20.65%	Apple Inc.	2.66%		
Health Care	14.12	Microsoft Corp.	1.96		
Financials	13.39	Exxon Mobil Corp.	1.59		
Consumer Discretionary	12.83	Amazon.com Inc.	1.44		
Industrials	10.29	Johnson & Johnson	1.42		
Consumer Staples	8.76	Facebook Inc. Class A	1.30		
Energy	6.63	Berkshire Hathaway Inc. Class B	1.20		
Real Estate	4.30	General Electric Co.	1.16		
Utilities	3.32	AT&T Inc.	1.09		
Materials	3.31	JPMorgan Chase & Co.	1.06		
Telecommunication Services	2.40	TOTAL	14.88%		
TOTAL	100.00%		<u>===</u>		

^{*} Excludes money market funds.

About Fund Performance

Past performance is no guarantee of future results. Current performance may be lower or higher than the performance data quoted. Performance data current to the most recent month-end is available at www.ishares.com. Performance results assume reinvestment of all dividends and capital gain distributions and do not reflect the deduction of taxes that a shareholder would pay on fund distributions or on the redemption or sale of fund shares. The investment return and principal value of shares will vary with changes in market conditions. Shares may be worth more or less than their original cost when they are redeemed or sold in the market. Performance for certain funds may reflect a waiver of a portion of investment advisory fees. Without such a waiver, performance would have been lower.

Net asset value or "NAV" is the value of one share of a fund as calculated in accordance with the standard formula for valuing mutual fund shares. The price used to calculate market return ("Market Price") is determined by using the midpoint between the highest bid and the lowest offer on the primary stock exchange on which shares of a fund are listed for trading, as of the time that such fund's NAV is calculated. Certain funds may have a NAV which is determined prior to the opening of regular trading on its listed exchange and their market returns are calculated using the midpoint of the bid/ask spread as of the opening of regular trading on the exchange. Market and NAV returns assume that dividends and capital gain distributions have been reinvested at Market Price and NAV, respectively.

An index is a statistical composite that tracks a specified financial market or sector. Unlike a fund, an index does not actually hold a portfolio of securities and therefore does not incur the expenses incurred by a fund. These expenses negatively impact fund performance. Also, market returns do not include brokerage commissions that may be payable on secondary market transactions. If brokerage commissions were included, market returns would be lower.

Shareholder Expenses

As a shareholder of a Fund, you incur two types of costs: (1) transaction costs, including brokerage commissions on purchases and sales of fund shares and (2) ongoing costs, including management fees and other fund expenses. The expense example, which is based on an investment of \$1,000 invested on April 1, 2016 and held through September 30, 2016, is intended to help you understand your ongoing costs (in dollars and cents) of investing in a Fund and to compare these costs with the ongoing costs of investing in other funds.

Actual Expenses — The table provides information about actual account values and actual expenses. Annualized expense ratios reflect contractual and voluntary fee waivers, if any. To estimate the expenses that you paid on your account over the period, 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 corresponding to your Fund under the heading entitled "Expenses Paid During Period."

Hypothetical Example for Comparison Purposes — The table also provides information about hypothetical account values and hypothetical expenses based on each Fund's actual expense ratio and an assumed rate of return of 5% per year before expenses. 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 brokerage commissions paid on purchases and sales of fund shares. Therefore, the hypothetical examples are 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.

Summary Schedule of Investments (Unaudited)

iSHARES® CORE S&P 500 ETF

			% of Net				% of Net
Security	Shares	Value	Assets	Security	Shares	Value	Assets
COMMON STOCKS	S			BUILDING PRODUCT	S		
AEROSPACE & DEFE	ENICE			Other securities ^a		\$ 113,941,295	0.14%
United	INOL					113,941,295	0.14
Technologies Corp.	3,299,066	\$ 335,185,105	0.42%	CAPITAL MARKETS			
Other securities ^a	0,200,000	1,303,953,283	1.64	BlackRock Inc.b	517,147	187,445,102	0.24
		1,639,138,388	2.06	Other securities ^a		1,831,596,990	2.30
AIR FREIGHT & LOG	ISTICS	.,000,.00,000				2,019,042,092	2.54
Other securities ^a	101100	583,457,659	0.73	CHEMICALS			
		583,457,659	0.73	Other securities ^a		1,651,047,514	2.08
AIRLINES		000,101,000	0.70			1,651,047,514	2.08
Other securities ^a		409,031,875	0.51	COMMERCIAL SERVI	CES & SUPF	LIES	
Othor occurrace		409,031,875	0.51	Other securities ^a		243,739,690	0.31
AUTO COMPONENTS	2	100,001,010	0.01			243,739,690	0.31
Other securities ^a	•	335,319,214	0.42	COMMUNICATIONS E	QUIPMENT		
Other securities		335,319,214	0.42	Cisco Systems Inc.	21,318,735	676,230,274	0.85
AUTOMORII EO		333,319,214	0.42	Other securities ^a		176,182,634	0.22
AUTOMOBILES Other acquirities ^a		420 00E 062	0.54			852,412,908	1.07
Other securities ^a		430,905,062	0.54	CONSTRUCTION & E	NGINEERING	3	
		430,905,062	0.54	Other securities ^a		74,800,055	0.09
BANKS						74,800,055	0.09
Bank of	12 252 649	676 040 504	0.05	CONSTRUCTION MA	TERIALS	, ,	
America Corp.	43,253,648	676,919,591 581,619,219	0.85 0.73	Other securities ^a		112,314,363	0.14
Citigroup Inc. JPMorgan Chase	12,314,614	361,019,219	0.73			112,314,363	0.14
& Co.	15,309,569	1,019,464,200	1.28	CONSUMER FINANCI	=	, ,	
PNC Financial	10,000,000	1,010,404,200	1.20	Other securities ^a	_	574,897,970	0.72
Services Group				Curior Cocurrinos		574,897,970	0.72
Inc. (The) ^b	2,082,898	187,648,281	0.24	CONTAINERS & PAC	KACING	07 1,007,070	0.72
Wells Fargo & Co.	19,247,248	852,268,141	1.07	Other securities ^a	NAGING	276,018,492	0.35
Other securities ^a		950,207,124	1.19	Other securities		276,018,492	0.35
		4,268,126,556	5.36	DISTRIBUTORS		270,010,432	0.00
BEVERAGES				Other securities ^a		109,566,146	0.14
Coca-Cola Co. (The)	16,464,365	696,771,927	0.88	Other securities		109,566,146	0.14
PepsiCo Inc.	6,099,957	663,492,323	0.83	DIVERSIFIED CONSU	MED CEDVIA		0.14
Other securities ^a		403,287,458	0.51	Other acquisites	MEK SEKVIC		0.02
		1,763,551,708	2.22	Other securities ^a		21,480,260	0.03
BIOTECHNOLOGY						21,480,260	0.03
AbbVie Inc.	6,902,692	435,352,784	0.55	DIVERSIFIED FINANCE	IAL SERVIC	ES	
Amgen Inc.	3,171,980	529,117,984	0.66	Berkshire Hathaway	0.047.505	4 400 007 000	4.40
Celgene Corp.c	3,285,383	343,421,085	0.43	Inc. Class B ^{c,d}	8,047,535	1,162,627,382	1.46
Gilead Sciences Inc.	5,593,466	442,555,030	0.56	Other securities ^a		26,177,220	0.03
Other securities ^a		627,402,962	0.79			1,188,804,602	1.49
		2,377,849,845	2.99				

iSHARES® CORE S&P 500 ETF

Security	Shares	Value	% of Net Assets	Security	Shares	Value	% of Net Assets
DIVERSIFIED TELEC			7.00010	HEALTH CARE TEC		7 4.76.0	7.00010
AT&T Inc.		\$ 1,058,928,654	1.33%	Other securities ^a	INOLOGI	\$ 78,669,068	0.10%
Verizon	_0,0.0,00.	· .,000,020,00	,			78,669,068	
Communications Inc.	17,277,620	898,090,688	1.13	HOTELS, RESTAURA	ANTS & I FIS		0
Other securities ^a		141,399,490	0.18	McDonald's Corp.	3,617,042	417,261,965	0.52
		2,098,418,832	2.64	Starbucks Corp.	6,216,304	336,550,699	
ELECTRIC UTILITIES				Other securities ^a	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	526,633,487	
Other securities ^a		1,633,122,498	2.05			1,280,446,151	
		1,633,122,498	2.05	HOUSEHOLD DURA	BLES		
ELECTRICAL EQUIP	MENT	, ,		Other securities ^a		390,657,994	0.49
Other securities ^a		438,715,108	0.55			390,657,994	
5		438,715,108	0.55	HOUSEHOLD PROD	UCTS	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
ELECTRONIC EQUIP	MENT INSTE			Procter & Gamble			
& COMPONENTS		tomento		Co. (The) ^d	11,311,647	1,015,220,318	1.28
Other securities ^a		304,240,500	0.38	Other securities ^a		593,454,312	
5		304,240,500	0.38			1,608,674,630	2.02
ENERGY EQUIPMEN	T & SERVICE		0.00	INDEPENDENT POW	ER AND REN	IEWABLE	
Schlumberger Ltd.	5,894,555	463,547,805	0.58	ELECTRICITY PRO	DDUCERS		
Other securities ^a	0,001,000	388,834,592	0.49	Other securities ^a		50,843,941	0.06
Curor cocurrinos		852,382,397	1.07			50,843,941	0.06
EQUITY REAL ESTAT	TE INVESTME			INDUSTRIAL CONGI	LOMERATES		
TRUSTS (REITS)	LINVESTIME	-141		3M Co.	2,561,789	451,464,075	0.57
Other securities ^a		2,395,527,906	3.01	General Electric Co.	37,982,634	1,125,045,619	1.41
Curor cocurrinos		2,395,527,906	3.01	Honeywell			
FOOD & STAPLES RI	ETAILING	2,000,021,000	0.01	International Inc.	3,225,029	376,006,131	0.47
CVS Health Corp.	4,519,232	402,166,456	0.51	Other securities ^a		78,381,266	0.10
Wal-Mart Stores Inc.	6,424,380	463,326,285	0.58			2,030,897,091	2.55
Other securities ^a	0, 12 1,000	839,149,634	1.05	INSURANCE			
		1,704,642,375	2.14	Other securities ^a		2,097,549,112	2.64
FOOD PRODUCTS		.,,,				2,097,549,112	2.64
Other securities ^a		1,364,179,691	1.71	INTERNET & DIRECT	T MARKETING	G RETAIL	
5 5 5 5 5		1,364,179,691	1.71	Amazon.com Inc.c	1,667,790	1,396,457,245	1.75
HEALTH CARE EQUI	DMENT & SII			Other securities ^a		578,904,369	0.73
Medtronic PLC	5,857,429	506,081,865	0.64			1,975,361,614	2.48
Other securities ^a	0,007,420	1,701,152,030	2.13	INTERNET SOFTWA	RE & SERVIC	ES	
Outlot doddinado		2,207,233,895	2.77	Alphabet Inc.			
HEALTH CARE PROV	/IDEDS & SE		2.11	Class A ^{c,d}	1,249,714	1,004,845,039	1.26
UnitedHealth	IDENS & SE	KVICES		Alphabet Inc.			
Group Inc.	4,036,771	565,147,940	0.71	Class C ^c	1,252,487	973,545,620	1.22
Other securities ^a	1,000,771	1,498,432,883	1.88	Facebook Inc.	0.045.070	4 000 040 000	4.50
2.101 0000111100		2,063,580,823	2.59	Class A ^{c,d}	9,845,972	1,262,942,828	
		2,000,000,020	2.00	Other securities ^a		376,441,505	
						3,617,774,992	4.55

iSHARES® CORE S&P 500 ETF

0 "	01		% of Net	0 "	01		% of Net
Security	Shares	Value	Assets	Security	Shares	Value	Assets
IT SERVICES				PHARMACEUTICAL			
International Business	0.000.770	A 505 044 005	0.740/	Allergan PLC ^c	1,678,265	\$ 386,521,212	0.49%
Machines Corp.	3,686,778	\$ 585,644,685	0.74%	Bristol-Myers	7 000 050	004 004 400	0.40
MasterCard Inc.	4 00 4 50 5	440.044.074	0.50	Squibb Co.	7,082,056	381,864,460	0.48
Class A	4,064,505	413,644,674	0.52	Johnson & Johnson	11,596,140	1,369,852,018	1.72
Visa Inc. Class A	7,995,759	661,249,269	0.83	Merck & Co. Inc.	11,720,487	731,475,594	0.92
Other securities ^a		1,338,534,395	1.68	Pfizer Inc.	25,709,593	870,783,915	1.09
		2,999,073,023	3.77	Other securities ^a		618,752,651	0.78
LEISURE PRODUCTS						4,359,249,850	5.48
Other securities ^a		81,673,104	0.10	PROFESSIONAL SE	RVICES		
		81,673,104	0.10	Other securities ^a		240,334,882	0.30
LIFE SCIENCES TOO	LS & SERVIO	CES				240,334,882	0.30
Other securities ^a		570,918,544	0.72	REAL ESTATE MAN	AGEMENT &	DEVELOPMENT	
		570,918,544	0.72	Other securities ^a		35,427,437	0.04
MACHINERY						35,427,437	0.04
Other securities ^a		1,144,951,763	1.44	ROAD & RAIL			
		1,144,951,763	1.44	Union Pacific Corp.	3,530,379	344,317,864	0.43
MEDIA		, , ,		Other securities ^a		331,009,900	0.42
Comcast Corp.						675,327,764	0.85
Class A	10,182,631	675,515,741	0.85	SEMICONDUCTORS	& SEMICONI	DUCTOR FOUIPM	IFNT
Walt Disney	.0,.02,00.	0.0,0.0,	0.00	Intel Corp.	20,052,617	756,986,292	0.95
Co. (The)	6,266,856	581,940,248	0.73	QUALCOMM Inc.	6,246,167	427,862,440	0.54
Other securities ^a	, ,	1,061,878,101	1.33	Other securities ^a	., .,	1,430,057,960	1.80
		2,319,334,090	2.91			2,614,906,692	3.29
METALS & MINING		,,,		SOFTWARE		,. ,,	
Other securities ^a		267,882,816	0.34	Microsoft Corp.	33,028,931	1,902,466,426	2.39
Other december		267,882,816	0.34	Oracle Corp.	12,756,359	501,069,782	0.63
MULTI-UTILITIES		207,002,010	0.04	Other securities ^a	,. 00,000	1,062,862,483	1.34
Other securities ^a		060 224 472	1.00			3,466,398,691	4.36
Other securities		868,234,473	1.09	SPECIALTY RETAIL		0,100,000,001	1.00
		868,234,473	1.09	Home Depot			
MULTILINE RETAIL		100 105 071	0.54	Inc. (The)	5,237,054	673,904,109	0.85
Other securities ^a		430,425,371	0.54	Other securities ^a	5,257,054	1,290,648,102	1.62
		430,425,371	0.54	Other securities		1,964,552,211	2.47
OIL, GAS & CONSUM				TECHNICI COVILLE	DWARE 070		2.41
Chevron Corp.	7,996,118	822,960,465	1.03	TECHNOLOGY HAR	DWARE, STO	RAGE	
Exxon Mobil Corp.	17,575,771	1,534,013,293	1.93	& PERIPHERALS	00 000 450	0.504.000.404	0.04
Other securities ^a		2,565,599,905	3.23	Apple Inc.	22,839,152	2,581,966,134	3.24
		4,922,573,663	6.19	Other securities ^a		434,418,318	0.55
PERSONAL PRODUC	TS					3,016,384,452	3.79
Other securities ^a		89,841,974	0.11	TEXTILES, APPARE	L & LUXURY		
		89,841,974	0.11	Other securities ^a		615,185,459	0.77
						615,185,459	0.77

iSHARES® CORE S&P 500 ETF

September 30, 2016

Security	Shares		Value	% of Net Assets
TOBACCO				
Altria Group Inc. Philip Morris	8,281,538	\$	523,641,648	0.66%
International Inc.	6,575,392		639,259,610	0.80
Other securities ^a			165,448,501	0.21
			1,328,349,759	1.67
TRADING COMPANI	ES & DISTRIE	BUT	ORS	
Other securities ^a			132,818,647	0.17
			132,818,647	0.17
WATER UTILITIES				
Other securities ^a			56,435,871	0.07
			56,435,871	0.07
TOTAL COMMON ST (Cost: \$72,605,691	,723)		9,438,644,848	99.81
MONEY MARKET FU BlackRock Cash Fund SL Agency Shares		l,		
0.53% ^{e,f,g} 1	,094,362,416		1,094,362,416	1.38
BlackRock Cash Fund SL Agency Shares	ds: Treasury,			
0.31% ^{e,f}	50,833,721		50,833,721	0.06
			1,145,196,137	1.44
TOTAL SHORT-TER	M INVESTME	NTS	3	
(Cost: \$1,145,196,			1,145,196,137	1.44

	Value	% of Net Assets
TOTAL INVESTMENTS IN SECURITIES		
(Cost: \$73,750,887,860) ^h Other Assets, Less Liabilities	\$80,583,840,985 (996,611,478)	101.25% (1.25)
NET ASSETS	\$79,587,229,507	100.00%

Other securities are those securities, which individually, are not one of the 50 largest unaffiliated issuers and which represent less than one percent of the net assets of the Fund as of September 30, 2016. Other securities may include securities on loan and non-income earning securities.

Schedule 1 — Affiliates (Note 2)

Investments in issuers considered to be affiliates of the Fund (excluding affiliated money market funds) during the six months ended September 30, 2016, for purposes of Section 2(a)(3) of the 1940 Act, were as follows:

	Shares						
	held at			Shares			
	beginning	Shares		held at end	Value at end	Dividend	Net realized
Affiliated issuer	of period	purchased	Shares sold	of period	of period	income	gain (loss)
BlackRock Inc. PNC Financial Services	498,816	71,640	(53,309)	517,147	\$187,445,102	\$2,351,461	\$ 3,479,851
Group Inc. (The)	1,980,082	284,493	(181,677)	2,082,898	187,648,281	2,121,714	1,519,204
					\$375,093,383	\$4,473,175	\$ 4,999,055

^b Affiliated issuer. See Schedule 1.

^c Non-income earning security.

d All or a portion of this security represents a security on loan. See Note 1.

^e Affiliated money market fund.

The rate quoted is the annualized seven-day yield of the fund at period end.

g All or a portion of this security represents an investment of securities lending collateral. See Note 1.

h The cost of investments for federal income tax purposes was \$74,823,859,996. Net unrealized appreciation was \$5,759,980,989, of which \$10,024,078,321 represented gross unrealized appreciation on securities and \$4,264,097,332 represented gross unrealized depreciation on securities.

iSHARES® CORE S&P 500 ETF

September 30, 2016

Schedule 2 — Futures Contracts (Note 5)

Futures contracts outstanding as of September 30, 2016 were as follows:

	Number of					Unrealized
	long (short)	Expiration		Initial notional	Current notional	appreciation
Issue	contracts	date	Exchange	value	value	(depreciation)
S&P 500 E-Mini	1,146	Dec. 2016	Chicago Mercantile	\$123,943,860	\$ 123,790,920	\$ (152,940)

Schedule 3 — Fair Value Measurements

Various inputs are used in determining the fair value of financial instruments. For description of the input levels and information about the Fund's policy regarding valuation of financial instruments, see Note 1.

The following table summarizes the value of the Fund's investments according to the fair value hierarchy as of September 30, 2016. The breakdown of the Fund's investments into major categories is disclosed in the schedule of investments above.

	Level 1	Level 2	Level 3	Total	
Investments:				_	
Assets:					
Common stocks	\$79,438,644,848	\$ —	\$ —	\$79,438,644,848	
Money market funds	1,145,196,137			1,145,196,137	
Total	\$80,583,840,985	<u>\$</u>	<u>\$</u>	\$80,583,840,985	
Derivative financial instruments ^a : Liabilities:					
Futures contracts	(152,940)			(152,940)	
Total	\$ (152,940)	<u> </u>	<u> </u>	\$ (152,940)	

^a Shown at the unrealized appreciation (depreciation) on the contracts.

See notes to financial statements.

Summary Schedule of Investments (Unaudited)

iSHARES® CORE S&P MID-CAP ETF

Security	Shares	Value	% of Net Assets	Security	Shares	Value	% of Net Assets
COMMON STOCKS				CHEMICALS			
AEROSPACE & DEFE	INCE			Ashland Global			
Huntington Ingalls	INGL			Holdings Inc.	1,224,310 \$	141,958,745	0.47%
Industries Inc.	922,136	\$ 141,474,105	0.47%	RPM International Inc.	2,623,781	140,949,515	0.47
Other securities ^a	322,100	453,232,058	1.52	Valspar Corp. (The)	1,437,285	152,452,820	0.51
Other coodingo	-	594,706,163	1.99	Other securities ^a	_	456,043,516	1.53
AIRLINES		334,700,103	1.55			891,404,596	2.98
Other securities ^a		109,944,583	0.37	COMMERCIAL SERVI	CES & SUPPL	IES	
Other securities		109,944,583	0.37	Other securities ^a	_	376,658,215	1.26
ALITO COMPONENT		109,944,563	0.37			376,658,215	1.26
AUTO COMPONENTS	•	440 407 040	0.40	COMMUNICATIONS E	QUIPMENT		
Other securities ^a	-	143,407,816	0.48	Other securities ^a		446,535,560	1.49
		143,407,816	0.48			446,535,560	1.49
AUTOMOBILES				CONSTRUCTION & EI	NGINEERING		
Other securities ^a		79,696,009	0.27	Other securities ^a		354,001,865	1.18
		79,696,009	0.27			354,001,865	1.18
BANKS				CONSTRUCTION MAT	EDIAI S	001,001,000	1.10
Signature Bank/New				Other securities ^a	LINALS	73,610,239	0.25
York NY ^b	1,057,914	125,309,913	0.42	Other Securities	_	73,610,239	0.25
Other securities ^a	-	1,614,796,922	5.40	CONCUMED FINANCE	_	73,010,239	0.23
		1,740,106,835	5.82	CONSUMER FINANCE	=	62 115 000	0.21
BEVERAGES				Other securities ^a	_	63,115,098	0.21
Other securities ^a	_	27,811,569	0.09			63,115,098	0.21
		27,811,569	0.09	CONTAINERS & PACI	KAGING		
BIOTECHNOLOGY				Packaging Corp.			
Other securities ^a		101,141,424	0.34	of America	1,857,099	150,907,865	0.50
	-	101,141,424	0.34	Other securities ^a	_	361,935,391	1.21
BUILDING PRODUCT	s					512,843,256	1.71
AO Smith Corp.	1,461,042	144,336,339	0.48	DISTRIBUTORS			
Other securities ^a	1,101,012	121,075,940	0.41	Other securities ^a	_	78,297,343	0.26
	-	265,412,279	0.89			78,297,343	0.26
CAPITAL MARKETS		200,112,210	0.00	DIVERSIFIED CONSU	MER SERVICE	ES	
FactSet Research				Other securities ^a	_	207,324,931	0.69
Systems Inc.	801,168	129,869,333	0.43			207,324,931	0.69
MarketAxess	001,100	129,009,000	0.43	ELECTRIC UTILITIES			
Holdings Inc.	741,504	122,785,647	0.41	OGE Energy Corp.	3,935,602	124,443,735	0.42
MSCI Inc.	1,864,900	156,539,706	0.52	Westar Energy Inc.	2,793,249	158,516,881	0.53
Raymond James	1,004,000	100,000,100	0.02	Other securities ^a		304,516,747	1.01
Financial Inc.	2,485,132	144,659,534	0.48			587,477,363	1.96
SEI Investments Co.	2,670,493	121,801,186	0.41	ELECTRICAL EQUIPM	MENT		
Other securities ^a	_,0.0,100	388,182,649	1.30	Other securities ^a		221,164,355	0.74
	-	1,063,838,055	3.55		_	221,164,355	0.74

iSHARES® CORE S&P MID-CAP ETF

			% of Net				% of Net
Security	Shares	Value	Assets	Security	Shares	Value	Assets
ELECTRONIC EQUIPM	MENT, INSTR	UMENTS		HEALTH CARE EQUIP	PMENT & SU	JPPLIES	
& COMPONENTS				Align			
Trimble				Technology Inc.b,c	1,482,892	\$ 139,021,125	0.46%
Navigation Ltd.b,c	4,910,771	\$ 140,251,620	0.47%	IDEXX			
Other securities ^a		1,070,652,563	3.58	Laboratories Inc.b	1,764,467	198,908,365	0.66
		1,210,904,183	4.05	ResMed Inc.c	2,772,713	179,644,075	0.60
ENERGY EQUIPMENT	& SERVICE	S		STERIS PLC	1,697,726	124,103,771	0.41
Other securities ^a		454,753,905	1.52	Teleflex Inc.	867,857	145,843,369	0.49
		454,753,905	1.52	Other securities ^a		432,207,378	1.46
EQUITY REAL ESTAT	F INVESTME					1,219,728,083	4.08
Alexandria Real Estate		iti incoro (nei	10)	HEALTH CARE PROV	IDERS & SE	RVICES	
Equities Inc. ^c	1,536,605	167,136,526	0.56	Other securities ^a		609,704,141	2.04
American Campus	1,000,000	101,100,020	0.00			609,704,141	2.04
Communities Inc.	2,571,202	130,797,046	0.44	HEALTH CARE TECH	NOLOGY		
Camden	_,0:::,_0=	100,101,010	• • • • • • • • • • • • • • • • • • • •	Other securities ^a		48,529,685	0.16
Property Trust ^c	1,722,721	144,260,657	0.48			48,529,685	0.16
Duke Realty Corp.c	6,911,984	188,904,523	0.63	HOTELS, RESTAURA	NTC & I EICI		0.10
Kilroy Realty Corp.c	1,816,579	125,979,754	0.42	Domino's Pizza Inc.	951,087	144,422,561	0.48
Mid-America Apartment		, ,		Other securities ^a	951,001	599,811,456	2.01
Communities Inc.c	1,488,658	139,918,965	0.47	Other securities		744,234,017	2.49
National Retail				HOUSEHOLD DUDAD	. 50	744,234,017	2.43
Properties Inc.c	2,897,147	147,319,925	0.49	HOUSEHOLD DURAB	LES	100 105 070	4.00
Omega Healthcare				Other securities ^a		489,135,872	1.63
Investors Inc.c	3,812,412	135,150,005	0.45			489,135,872	1.63
Regency				HOUSEHOLD PRODU	CTS		
Centers Corp.c	2,059,208	159,568,028	0.53	Other securities ^a		61,071,903	0.20
Other securities ^a		2,074,947,219	6.94			61,071,903	0.20
		3,413,982,648	11.41	INDEPENDENT POWE	R AND REN	IEWABLE	
FOOD & STAPLES RE	TAILING			ELECTRICITY PRO	DUCERS		
Other securities ^a		189,502,277	0.63	Other securities ^a		23,602,131	0.08
		189,502,277	0.63			23,602,131	0.08
FOOD PRODUCTS		,,		INDUSTRIAL CONGLO	OMERATES		
Ingredion Inc.	1,422,433	189,268,935	0.63	Carlisle			
WhiteWave Foods	1,122,100	100,200,000	0.00	Companies Inc.	1,273,483	130,621,151	0.44
Co. (The) ^b	3,491,801	190,058,728	0.64			130,621,151	0.44
Other securities ^a	0,401,001	472,322,789	1.58	INSURANCE			
outer occurrace		851,650,452	2.85	Alleghany Corp.b	290,856	152,705,217	0.51
CACUTUITIES		031,030,432	2.00	Everest Re Group Ltd.	814,142	154,662,556	0.52
GAS UTILITIES	2 046 500	152 /10 220	0.51	Reinsurance Group of	, –	, ,	
Atmos Energy Corp. UGI Corp.	2,046,599 3,414,225	152,410,228 154,459,539	0.51 0.52	America Inc.	1,262,590	136,283,965	0.46
Other securities ^a	3,414,223			Other securities ^a	. ,	989,155,561	3.30
Other Securities		338,910,708	1.13			1,432,807,299	4.79
		645,780,475	2.16			, , , , , , , , , , , ,	-

iSHARES® CORE S&P MID-CAP ETF

			% of Net				% of Net
Security	Shares	Value	Assets	Security	Shares	Value	Assets
INTERNET & DIRECT	MARKETING	G RETAIL		OIL, GAS & CONSU	MABLE FUELS	3	
Other securities ^a		\$ 25,104,168	0.08%	Other securities ^a		\$ 711,667,981	2.389
		25,104,168	0.08			711,667,981	2.38
INTERNET SOFTWA	RE & SERVIC	ES		PAPER & FOREST	PRODUCTS		
Other securities ^a		195,470,662	0.65	Other securities ^a		98,764,958	0.33
		195,470,662	0.65			98,764,958	0.33
IT SERVICES				PERSONAL PRODU	JCTS		
Broadridge Financial				Other securities ^a		141,219,911	0.47
Solutions Inc.	2,330,937	158,014,219	0.53			141,219,911	0.47
Computer				PHARMACEUTICAL	s	, ,	
Sciences Corp.	2,767,576	144,495,143	0.48	Other securities ^a		161,588,477	0.54
Gartner Inc.b	1,628,345	144,027,115	0.48	Other december		161,588,477	0.54
Jack Henry &				DDOFFOOIONAL OF	-D\/IOF0	101,300,477	0.54
Associates Inc.	1,547,755	132,410,440	0.44	PROFESSIONAL SI	ERVICES	100 000 000	0.57
Leidos Holdings Inc.	2,801,310	121,240,697	0.41	Other securities ^a		169,338,086	0.57
Other securities ^a		479,938,537	1.60			169,338,086	0.57
		1,180,126,151	3.94	REAL ESTATE MAN	NAGEMENT & D	DEVELOPMENT	
LEISURE PRODUCTS	S			Other securities ^a		136,253,766	0.45
Other securities ^a		225,158,305	0.75			136,253,766	0.45
		225,158,305	0.75	ROAD & RAIL			
LIFE SCIENCES TOO	LS & SERVI	CES		Other securities ^a		313,083,154	1.05
Other securities ^a		297,564,549	0.99			313,083,154	1.05
		297,564,549	0.99	SEMICONDUCTORS	S & SEMICOND	UCTOR EQUIPM	ENT
MACHINERY				Other securities ^a		741,233,023	2.48
IDEX Corp.	1,500,369	140,389,527	0.47			741,233,023	2.48
Wabtec Corp./DE	1,776,139	145,021,749	0.48	SOFTWARE		,	
Other securities ^a		1,141,872,210	3.82	ANSYS Inc. ^b	1,718,859	159,183,532	0.53
		1,427,283,486	4.77	Cadence Design	1,7 10,039	139,163,332	0.55
MARINE		, , ,		Systems Inc. ^b	5,761,483	147,090,661	0.49
Other securities ^a		66,096,406	0.22	CDK Global Inc.	2,958,849	169,719,579	0.49
outer cocarnico		66,096,406	0.22	Synopsys Inc. b,c	2,982,368	177,003,541	0.59
MEDIA		00,000,100	0.22	Other securities ^a	2,302,300	737,192,444	2.47
Other securities ^a		405,424,402	1.35	Other securities		1,390,189,757	4.65
Other securities						1,390,169,737	4.00
		405,424,402	1.35	SPECIALTY RETAIL	L	700 040 000	0.40
METALS & MINING		500 005 000	4.07	Other securities ^a		736,946,899	2.46
Other securities ^a		589,895,808	1.97			736,946,899	2.46
		589,895,808	1.97	TECHNOLOGY HAP	RDWARE, STO		ERALS
MULTI-UTILITIES				Other securities ^a		202,486,502	0.68
Other securities ^a		297,957,931	1.00			202,486,502	0.68
		297,957,931	1.00	TEXTILES, APPARI	EL & LUXURY	GOODS	
MULTILINE RETAIL				Other securities ^a		249,748,154	0.83
Other securities ^a		97,888,523	0.33			249,748,154	0.83
		97,888,523	0.33				

iSHARES® CORE S&P MID-CAP ETF

September 30, 2016

			% of Net			% of Net
Security	Shares	Value	Assets		Value	Assets
THRIFTS & MORTGAGE	E FINANCE			TOTAL INVESTMENTS		
New York				IN SECURITIES		
Community				(Cost: \$29,899,183,531) ⁹	\$31,605,057,910	105.63%
•	9,599,222		0.46%	Other Assets, Less Liabilities	(1,685,357,210)	(5.63)
Other securities ^a		47,687,352	0.16	NET ASSETS	\$29,919,700,700	100.00%
		184,284,281	0.62			
TRADING COMPANIES	& DISTRIB	UTORS		Other securities are those securities, who so largest unaffiliated issuers and which		
Other securities ^a		217,243,244	0.73	the net assets of the Fund as of Septem	ber 30, 2016. Other secu	
		217,243,244	0.73	include securities on loan and non-incor b Non-income earning security.	ne earning securities.	
WATER UTILITIES				^c All or a portion of this security represent	s a security on loan. See	Note 1.
Other securities ^a		106,509,099	0.36	 Affiliated money market fund. The rate quoted is the annualized sever 	a-day vield of the fund at r	period and
		106,509,099	0.36	f All or a portion of this security represent	s an investment of securi	ties lending
WIRELESS TELECOMM	IUNICATIO	N SERVICES		collateral. See Note 1. g The cost of investments for federal income	me tay nurnoses was	
Other securities ^a		49,941,483	0.17	\$30,400,149,659. Net unrealized apprec	ciation was \$1,204,908,25	
		49,941,483	0.17	\$3,621,134,987 represented gross unre \$2,416,226,736 represented gross unre		
TOTAL COMMON STO	CKS					
(Cost: \$28,177,100,56	63)	29,882,974,942	99.88			
SHORT-TERM INVES	STMENTS					
MONEY MARKET FUND	os					
BlackRock Cash Funds:	Institutional	,				
SL Agency Shares						
•	5,510,621	1,655,510,621	5.53			
BlackRock Cash Funds:	Treasury,					
SL Agency Shares						
0.31% ^{d,e} 6	6,572,347	66,572,347	0.22			
		1,722,082,968	5.75			
TOTAL SHORT-TERM I	NVESTMEN	ITS				
(Cost: \$1,722,082,968	3)	1,722,082,968	5.75			

Schedule 1 — Futures Contracts (Note 5)

Futures contracts outstanding as of September 30, 2016 were as follows:

	Number of							Unrealized
	long (short)	Expiration		Initial notional	Cu	ırrent notional	a	ppreciation
Issue	contracts	date	Exchange	value	value		value (dep	
S&P MidCap 400 E-Mini	222	Dec. 2016	Chicago Mercantile	\$ 33,941,802	\$	34,401,120	\$	459,318

iSHARES® CORE S&P MID-CAP ETF

September 30, 2016

Schedule 2 — Fair Value Measurements

Various inputs are used in determining the fair value of financial instruments. For description of the input levels and information about the Fund's policy regarding valuation of financial instruments, see Note 1.

The following table summarizes the value of the Fund's investments according to the fair value hierarchy as of September 30, 2016. The breakdown of the Fund's investments into major categories is disclosed in the schedule of investments above.

	Level 1	Level 2	Level 3	Total	
Investments:					
Assets:					
Common stocks	\$29,882,957,642	\$17,300	\$ —	\$29,882,974,942	
Money market funds	1,722,082,968			1,722,082,968	
Total	\$31,605,040,610	<u>\$17,300</u> <u>\$ —</u>		\$31,605,057,910	
Derivative financial instruments ^a : Assets:					
Futures contracts	\$ 459,318	\$ —	\$ —	\$ 459,318	
Total	\$ 459,318	\$	<u>\$</u>	\$ 459,318	

^a Shown at the unrealized appreciation (depreciation) on the contracts.

See notes to financial statements.

Summary Schedule of Investments (Unaudited)

iSHARES® CORE S&P SMALL-CAP ETF

			% of Net				% of Net
Security	Shares	Value	Assets	Security	Shares	Value	Assets
COMMON STOCKS	6			CAPITAL MARKETS			
AEROSPACE & DEFE	NSE			Interactive Brokers			
Other securities ^a		\$ 299,673,259	1.42%	Group Inc. Class A	2,176,162 \$	76,753,234	0.36%
		299,673,259	1.42	Other securities ^a		216,169,306	1.03
AIR FREIGHT & LOGI	STICS					292,922,540	1.39
Other securities ^a	01100	140,362,270	0.66	CHEMICALS			
Curior Goodinaco		140,362,270	0.66	Balchem Corp.	1,012,324	78,485,480	0.37
AIDLINEC		140,302,270	0.00	Chemours Co. (The)	5,829,490	93,271,840	0.44
AIRLINES				HB Fuller Co.	1,611,010	74,863,635	0.35
Hawaiian	4 740 500	02 522 574	0.40	Other securities ^a	_	429,308,508	2.04
Holdings Inc. ^b	1,718,592	83,523,571	0.40			675,929,463	3.20
Other securities ^a		98,977,556	0.46	COMMERCIAL SERVI	CES & SUPPLI	IES	
		182,501,127	0.86	Healthcare Services			
AUTO COMPONENTS				Group Inc.c	2,324,024	91,984,870	0.44
Drew Industries Inc.	790,140	77,449,523	0.37	RR Donnelley &			
Other securities ^a		282,796,542	1.34	Sons Co.	6,698,709	105,303,706	0.50
		360,246,065	1.71	Other securities ^a		648,678,887	3.06
AUTOMOBILES					_	845,967,463	4.00
Other securities ^a		20,188,294	0.10	COMMUNICATIONS E	QUIPMENT		
		20,188,294	0.10	Lumentum			
BANKS				Holdings Inc. ^{b,c}	1,762,621	73,624,679	0.35
First Financial				Other securities ^a	, - ,-	237,044,462	1.12
Bankshares Inc.c	2,103,456	76,649,937	0.36			310,669,141	1.47
Home BancShares				CONSTRUCTION & E	NCINEEDING	0.0,000,	
Inc./AR ^c	3,961,977	82,448,741	0.39	Other securities ^a	NOMELIMINO	78,307,108	0.37
Pinnacle Financial				Other securities	_	78,307,108	0.37
Partners Inc.	1,394,520	75,415,642	0.36	0010751107101114	FEDIAL O	70,307,100	0.57
Sterling Bancorp./DE	4,201,753	73,530,677	0.35	CONSTRUCTION MA	IERIALS	04 005 070	0.00
Texas Capital				Other securities ^a		61,885,976	0.29
Bancshares Inc. b,c	1,471,712	80,826,423	0.38			61,885,976	0.29
UMB Financial Corp.	1,408,004	83,705,838	0.40	CONSUMER FINANCI	Ē		
United Bankshares				FirstCash Inc.	1,526,513	71,868,232	0.34
Inc./WV ^c	2,151,170	81,034,574	0.38	Other securities ^a		134,200,748	0.64
Wintrust						206,068,980	0.98
Financial Corp.	1,660,927	92,297,713	0.44	CONTAINERS & PAC	KAGING		
Other securities ^a		1,318,011,968	6.24	Other securities ^a		8,994,718	0.04
		1,963,921,513	9.30			8,994,718	0.04
BIOTECHNOLOGY				DISTRIBUTORS			
Other securities ^a		279,168,102	1.32	Other securities ^a		54,992,020	0.26
		279,168,102	1.32		_	54,992,020	0.26
BUILDING PRODUCT	S	, , ,		DIVERSIFIED CONSU	MER SERVICE		
Other securities ^a	-	412,538,108	1.95	Other securities ^a		75,606,528	0.36
		412,538,108	1.95		_	75,606,528	0.36
		112,000,100	1.00			70,000,020	0.00

iSHARES® CORE S&P SMALL-CAP ETF

			% of Net				% of Net
Security	Shares	Value	Assets	Security	Shares	Value	Assets
DIVERSIFIED TELECO	MMUNICA	TION SERVICES		South Jersey			
Other securities ^a		\$ 201,952,099	0.96%	Industries Inc.	2,575,092	\$ 76,093,969	0.36%
		201,952,099	0.96	Spire Inc.	1,475,349	94,038,745	0.45
ELECTRIC UTILITIES				Other securities ^a		53,188,153	0.25
ALLETE Inc.	1,596,533	95,185,298	0.45			380,320,424	1.80
Other securities ^a		61,562,462	0.29	HEALTH CARE EQUI	PMENT & SU	JPPLIES	
		156,747,760	0.74	Cantel Medical Corp.	1,166,499	90,963,592	0.43
ELECTRICAL EQUIPM	IENT			Integra LifeSciences			
Other securities ^a		119,493,828	0.57	Holdings Corp.b,c	963,093	79,503,327	0.38
		119,493,828	0.57	Masimo Corp.b	1,411,446	83,966,923	0.40
ELECTRONIC EQUIPM	ENT INSTR			Other securities ^a		631,590,754	2.98
Coherent Inc. b,c	780,741	86,303,110	0.41			886,024,596	4.19
Littelfuse Inc.	719,038	92,619,285	0.44	HEALTH CARE PROV	/IDERS & SE	RVICES	
Other securities ^a	7 10,000	779,218,148	3.68	Chemed Corp.	520,403	73,413,251	0.35
Other Coodinaco		958,140,543	4.53	Other securities ^a		633,992,182	3.00
ENERGY EQUIPMENT	S SEDVICI		4.00			707,405,433	3.35
U.S. Silica	& SERVICE	_3		HEALTH CARE TECH	INOLOGY		
Holdings Inc. ^c	2,039,952	94,980,165	0.45	Medidata			
Other securities ^a	2,000,002	274,365,022	1.30	Solutions Inc.b,c	1,765,869	98,464,855	0.47
Other Coodinaco		369,345,187	1.75	Other securities ^a		154,182,027	0.73
EQUITY REAL ESTAT	E INVESTM					252,646,882	1.20
Acadia Realty Trust ^c	2,575,228	93,326,263	0.44	HOTELS, RESTAURA	NTS & LEIS	URE	
CoreSite Realty Corp.c	1,098,407	81,326,054	0.44	Other securities ^a		579,820,316	2.74
Kite Realty	1,030,407	01,320,034	0.50			579,820,316	2.74
Group Trust	2,702,292	74,907,534	0.35	HOUSEHOLD DURAE	BLES		
PS Business	2,7 02,202	7 1,007,001	0.00	Other securities ^a		361,235,001	1.71
Parks Inc. ^c	632,485	71,831,322	0.34			361,235,001	1.71
Retail Opportunity	,	, ,		HOUSEHOLD PRODU	JCTS		
Investments Corp.c	3,490,947	76,661,196	0.36	Other securities ^a		86,927,878	0.41
Other securities ^a		995,755,978	4.73			86,927,878	0.41
		1,393,808,347	6.60	INDUSTRIAL CONGL	OMERATES	00,021,010	• • • • • • • • • • • • • • • • • • • •
FOOD & STAPLES RE	TAILING			Other securities ^a	OMENATES	26,654,715	0.13
Other securities ^a		108,363,786	0.51	Othor Coodingo		26,654,715	0.13
		108,363,786	0.51	INSURANCE		20,004,710	0.13
FOOD PRODUCTS		, ,		ProAssurance Corp.	1,721,718	90,355,761	0.43
B&G Foods Inc. ^c	2,135,295	105,013,808	0.50	RLI Corp.	1,721,716	83,497,023	0.43
Other securities ^a	2,100,200	265,263,111	1.25	Other securities ^a	1,221,431	451,807,717	
Other Scounties		370,276,919	1.75	Other securities			2.13
CASTITUTES		510,210,319	1.75	INTERNET A DIRECT	MADICET	625,660,501	2.96
GAS UTILITIES				INTERNET & DIRECT	MARKETING		0.04
Piedmont Natural Gas	2 614 046	156 000 557	0.74	Other securities ^a		65,361,951	0.31
Co. Inc.	2,614,916	156,999,557	0.74			65,361,951	0.31

iSHARES® CORE S&P SMALL-CAP ETF

			% of Net				% of Net
Security	Shares	Value	Assets	Security	Shares	Value	Assets
INTERNET SOFTWAR	RE & SERVIC	ES		PERSONAL PRODUCT	rs		
LogMeIn Inc.c	812,207	\$ 73,415,391	0.35%	Other securities ^a		\$ 31,196,232	0.15%
Other securities ^a		253,854,053	1.20			31,196,232	0.15
		327,269,444	1.55	PHARMACEUTICALS			
IT SERVICES				Medicines Co. (The)b,c	2,241,140	84,580,624	0.40
CACI International Inc.				Nektar Therapeutics ^{b,c}	4,391,532	75,446,520	0.36
Class A ^b	787,718	79,480,746	0.38	Other securities ^a		240,761,818	1.14
Other securities ^a		305,964,750	1.44			400,788,962	1.90
		385,445,496	1.82	PROFESSIONAL SERV	/ICES		
LEISURE PRODUCTS	6			Other securities ^a		367,174,468	1.74
Other securities ^a		99,282,496	0.47			367,174,468	1.74
		99,282,496	0.47	REAL ESTATE MANAG	GEMENT &	DEVELOPMENT	
LIFE SCIENCES TOO	IS & SERVIC			Other securities ^a		66,472,319	0.31
Other securities ^a		86,454,695	0.41			66,472,319	0.31
		86,454,695	0.41	ROAD & RAIL			
MACHINERY		33, 13 1,333	• • • • • • • • • • • • • • • • • • • •	Other securities ^a		157,169,322	0.74
Other securities ^a		1,040,149,256	4.92			157,169,322	0.74
Other decarried		1,040,149,256	4.92	SEMICONDUCTORS &	SEMICON	DUCTOR EQUIPM	ENT
MARINE		1,040,140,200	4.02	MKS Instruments Inc.	1,722,378	85,653,858	0.41
Other securities ^a		55,108,856	0.26	Other securities ^a		545,317,237	2.58
Other securities		55,108,856	0.26			630,971,095	2.99
MEDIA		33,100,030	0.20	SOFTWARE			
MEDIA Other securities ^a		125 420 202	0.64	Blackbaud Inc.	1,524,701	101,148,664	0.48
Other securities		135,420,203	0.64	Take-Two Interactive			
		135,420,203	0.64	Software Inc.b,c	2,775,607	125,124,364	0.59
METALS & MINING		045 070 005	4.00	Other securities ^a		453,252,754	2.15
Other securities ^a		215,873,025	1.02			679,525,782	3.22
		215,873,025	1.02	SPECIALTY RETAIL			
MULTI-UTILITIES				Other securities ^a		815,338,529	3.86
Avista Corp.	2,061,541	86,151,798	0.41			815,338,529	3.86
		86,151,798	0.41	TECHNOLOGY HARD	NARE, STO	RAGE & PERIPHE	ERALS
MULTILINE RETAIL				Electronics For			
Other securities ^a		19,014,050	0.09	Imaging Inc.b,c	1,509,327	73,836,277	0.35
		19,014,050	0.09	Other securities ^a		59,292,053	0.28
OIL, GAS & CONSUM	ABLE FUELS	5				133,128,330	0.63
Carrizo Oil &				TEXTILES, APPAREL	& LUXURY	GOODS	
Gas Inc. ^{b,c}	1,775,754	72,131,127	0.34	Wolverine World			
PDC Energy Inc. ^{b,c}	1,808,697	121,291,221	0.57	Wide Inc.	3,189,727	73,459,413	0.35
Other securities ^a		123,299,731	0.59	Other securities ^a		207,643,225	0.98
		316,722,079	1.50			281,102,638	1.33
PAPER & FOREST PI	RODUCTS			THRIFTS & MORTGAG	E FINANCI		
Other securities ^a		256,074,956	1.21	Other securities ^a		316,916,616	1.50
		256,074,956	1.21			316,916,616	1.50

iSHARES® CORE S&P SMALL-CAP ETF

September 30, 2016

			% of Net			% of Net
Security	Shares	Value	Assets		Value	Assets
TOBACCO				TOTAL INVESTMENTS		
Other securities ^a		\$ 42,928,226	0.20%	IN SECURITIES		
		42,928,226	0.20	(Cost: \$20,473,924,512) ^g	\$22,802,538,417	107.93%
TRADING COMPANI	ES & DISTRIE	BUTORS		Other Assets, Less Liabilities	(1,675,446,422)	_(7.93)
Other securities ^a		121,450,571	0.57	NET ASSETS	\$21,127,091,995	100.00%
		121,450,571	0.57	3		
WATER UTILITIES				Other securities are those securities, who so largest unaffiliated issuers and which	3.	
Other securities ^a		97,236,926	0.46	the net assets of the Fund as of Septem	nber 30, 2016. Other securi	
		97,236,926	0.46	include securities on loan and non-incomb Non-income earning security.	me earning securities.	
WIRELESS TELECO	MMUNICATIO	N SERVICES		 All or a portion of this security represent Affiliated money market fund. 	ts a security on Ioan. See N	lote 1.
Other securities ^a		11,819,186	0.06	e The rate quoted is the annualized sever		
		11,819,186	0.06	f All or a portion of this security represent collateral. See Note 1.	ts an investment of securition	es lending
TOTAL COMMON ST (Cost: \$18,767,700		21,096,314,397	99.85	⁹ The cost of investments for federal inco \$20,966,475,347. Net unrealized appre \$3,428,248,854 represented gross unre \$1,592,185,784 represented gross unre	ciation was \$1,836,063,070 calized appreciation on sec	urities and
SHORT-TERM IN\	/ESTMENTS	3				
MONEY MARKET FU BlackRock Cash Fund SL Agency Shares 0.53% die.f	ds: Institutiona		7.00			
BlackRock Cash Fund SL Agency Shares	,687,595,899 ds: Treasury,	1,687,595,899	7.99			
0.31% ^{d,e}	18,628,121	18,628,121	0.09			
		1,706,224,020	8.08			
TOTAL SHORT-TER	M INVESTME	NTS				
(Cost: \$1,706,224,	020)	1,706,224,020	8.08			
Schedule 1 — Futur	res Contracts	s (Note 5)				

Futures contracts outstanding as of September 30, 2016 were as follows:

	Number of							Unrealized		
	long (short)	Expiration		Initial notional	notional Current notional app			opreciation		
Issue	contracts	date	Exchange	value		value		value (depre		preciation)
Russell 2000 Mini	280	Dec. 2016	ICE Markets Equity	\$ 34,446,144	\$	34,952,400	\$	506,256		

iSHARES® CORE S&P SMALL-CAP ETF

September 30, 2016

Schedule 2 — Fair Value Measurements

Various inputs are used in determining the fair value of financial instruments. For description of the input levels and information about the Fund's policy regarding valuation of financial instruments, see Note 1.

The following table summarizes the value of the Fund's investments according to the fair value hierarchy as of September 30, 2016. The breakdown of the Fund's investments into major categories is disclosed in the schedule of investments above.

	Level 1	Level 2	Level 3	Total	
Investments:					
Assets:					
Common stocks	\$21,096,310,907	\$ —	\$3,490	\$21,096,314,397	
Money market funds	1,706,224,020			1,706,224,020	
Total	\$22,802,534,927	<u>\$ — \$3,490</u>		\$22,802,538,417	
Derivative financial instruments ^a : Assets:					
Futures contracts	\$ 506,256	\$ —	\$ —	\$ 506,256	
Total	\$ 506,256	<u> </u>	<u> </u>	\$ 506,256	

^a Shown at the unrealized appreciation (depreciation) on the contracts.

See notes to financial statements.

Summary Schedule of Investments (Unaudited)

$iSHARES^{\circledR}$ CORE S&P TOTAL U.S. STOCK MARKET ETF September 30, 2016

Security	Shares	Value	% of Net Assets	Security	Shares	Value	% of Net Assets
COMMON STOCKS				CAPITAL MARKETS			
	0.5			BlackRock Inc.b	25,990	\$ 9,420,335	0.20%
AEROSPACE & DEFEN	SE			Other securities ^a		109,467,586	2.31
United Tachnologies Corn	160,948	16 252 217	0.250/			118,887,921	2.51
Technologies Corp. Other securities ^a	100,940	6 16,352,317 76,566,264	0.35% 1.61	CHEMICALS			
Other securities	-			Other securities ^a		102,471,073	2.17
		92,918,581	1.96			102,471,073	2.17
AIR FREIGHT & LOGIST	IICS	00 070 750	0.04	COMMERCIAL SERVICE	ES & SUPPI	LIES	
Other securities ^a	-	30,378,753	0.64	Other securities ^a		25,136,749	0.53
		30,378,753	0.64			25,136,749	0.53
AIRLINES				COMMUNICATIONS EQ	UIPMENT		
Other securities ^a	-	23,059,006	0.49	Cisco Systems Inc.	1,042,227	33,059,440	0.70
		23,059,006	0.49	Other securities ^a		21,858,340	0.46
AUTO COMPONENTS						54,917,780	1.16
Other securities ^a	_	25,449,006	0.54	CONSTRUCTION & ENG	SINEERING		
		25,449,006	0.54	Other securities ^a		9,724,505	0.21
AUTOMOBILES						9,724,505	0.21
Other securities ^a	_	26,628,005	0.56	CONSTRUCTION MATE	RIALS		
		26,628,005	0.56	Other securities ^a		6,965,528	0.15
BANKS						6,965,528	0.15
Bank of America Corp.	2,130,111	33,336,237	0.70	CONSUMER FINANCE			
Citigroup Inc.	607,731	28,703,135	0.61	Other securities ^a		34,208,292	0.72
JPMorgan Chase & Co.	750,605	49,982,787	1.06			34,208,292	0.72
PNC Financial Services				CONTAINERS & PACKA	AGING	, ,	
Group Inc. (The)b	102,966	9,276,207	0.20	Other securities ^a		22,929,633	0.48
Wells Fargo & Co.	945,363	41,860,674	0.88			22,929,633	0.48
Other securities ^a	_	97,782,347	2.06	DISTRIBUTORS		,,	
		260,941,387	5.51	Other securities ^a		6,514,468	0.14
BEVERAGES						6,514,468	0.14
Coca-Cola Co. (The)	804,599	34,050,630	0.72	DIVERSIFIED CONSUM	FR SERVIC	, ,	
PepsiCo Inc.	297,870	32,399,320	0.68	Other securities ^a	LIK OLIKVIO	6,864,288	0.15
Other securities ^a	_	21,234,652	0.45			6,864,288	0.15
		87,684,602	1.85	DIVERSIFIED FINANCIA	I SERVICE		00
BIOTECHNOLOGY				Berkshire Hathaway Inc.	L OLIVIOL	.0	
AbbVie Inc.	338,827	21,369,819	0.45	Class B ^c	392,963	56,771,365	1.20
Amgen Inc.	154,748	25,813,514	0.55	Other securities ^a	,	2,845,369	0.06
Celgene Corp. ^c	162,205	16,955,289	0.36			59,616,734	1.26
Gilead Sciences Inc.	272,887	21,590,819	0.46	DIVERSIFIED TELECON	MUNICATI		
Other securities ^a	-	68,472,282	1.44	AT&T Inc.	1,270,810	51,607,594	1.09
		154,201,723	3.26	Verizon	, :,=:3	, ,	
BUILDING PRODUCTS				Communications Inc.	843,403	43,840,088	0.93
Other securities ^a	-	14,501,801	0.31	Other securities ^a		12,840,425	0.27
		14,501,801	0.31			108,288,107	2.29

 $iSHARES^{\circledR}$ CORE S&P TOTAL U.S. STOCK MARKET ETF September 30, 2016

			% of Net				% of Net
Security	Shares	Value	Assets	Security	Shares	Value	Assets
ELECTRIC UTILITIES				HOTELS, RESTAURANT	ΓS & LEISUR	E	
Other securities ^a	9	90,586,484	1.91%	McDonald's Corp.	176,463 \$	20,356,772	0.43%
		90,586,484	1.91	Starbucks Corp.	301,871	16,343,296	0.35
ELECTRICAL EQUIPMEN	NT			Other securities ^a	_	56,431,455	1.19
Other securities ^a		27,414,921	0.58			93,131,523	1.97
	_	27,414,921	0.58	HOUSEHOLD DURABLE	ES		
ELECTRONIC EQUIPME	NT. INSTRU			Other securities ^a		27,704,575	0.59
& COMPONENTS	,				_	27,704,575	0.59
Other securities ^a		37,476,731	0.79	HOUSEHOLD PRODUC	TS		
	_	37,476,731	0.79	Procter & Gamble			
ENERGY EQUIPMENT &	SERVICES	,,		Co. (The) ^d	549,851	49,349,127	1.04
Schlumberger Ltd.	289,735	22,784,760	0.48	Other securities ^a		31,438,780	0.67
Other securities ^a	200,.00	30,870,029	0.65		_	80,787,907	1.71
	-	53,654,789	1.13	INDEPENDENT POWER	AND RENEV	VABLE	
EQUITY REAL ESTATE I	NI/ESTMEN			ELECTRICITY PRODU			
TRUSTS (REITS)	IVV ESTIMEN	•		Other securities ^a		5,562,054	0.12
PennyMac Mortgage					_	5,562,054	0.12
Investment Trust ^b	13,765	214,459	0.00	INDUSTRIAL CONGLON	//ERATES		
Other securities ^a	. 0, . 00	207,816,500	4.40	3M Co.	125,757	22,162,156	0.47
	-	208,030,959	4.40	General Electric Co.	1,855,918	54,972,291	1.16
FOOD & STAPLES RETA	AII ING	_00,000,000		Honeywell	, , .	, , ,	
CVS Health Corp.	220,475	19,620,070	0.41	International Inc.	158,761	18,509,945	0.39
Wal-Mart Stores Inc.	315,459	22,750,903	0.48	Other securities ^a		5,340,918	0.11
Other securities ^a	010,100	46,537,504	0.99		_	100,985,310	2.13
	-	88,908,477	1.88	INSURANCE			
FOOD PRODUCTS		33,333, 111	1.00	Other securities ^a		137,294,573	2.90
Other securities ^a		82,191,707	1.74			137,294,573	2.90
Carlor cocarraco	_	82,191,707	1.74	INTERNET & DIRECT M.	ARKETING R		
GAS UTILITIES		02,101,707	1.74	Amazon.com Inc.c	81,274	68,051,533	1.44
Other securities ^a		9,597,263	0.20	Other securities ^a	,	33,551,795	0.71
Other securities	-		0.20		_	101,603,328	2.15
LIEAL THE GARE FOLLOW	-NT 0 011D	9,597,263	0.20	INTERNET SOFTWARE	& SERVICES		
HEALTH CARE EQUIPMI Medtronic PLC	289.616		0.52	Alphabet Inc. Class A ^c	60.942	49,001,025	1.04
	289,616	25,022,822	0.53	Alphabet Inc. Class C ^c	61,367	47,699,955	1.01
Other securities ^a	-	109,064,209	2.30 2.83	Facebook Inc. Class A ^c	480,630	61,650,410	1.30
		134,087,031	2.03	Other securities ^a	, , , , , ,	40,539,423	0.85
HEALTH CARE PROVIDE			0.50		_	198,890,813	4.20
UnitedHealth Group Inc.	198,809	27,833,260	0.59	IT SERVICES		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Other securities ^a	-	90,060,230	1.90	International Business			
		117,893,490	2.49	Machines Corp.	180,163	28,618,893	0.60
HEALTH CARE TECHNO	LOGY			MasterCard Inc. Class A	198,298	20,180,787	0.43
Other securities ^a	-	9,230,535	0.19	Visa Inc. Class A	390,081	32,259,699	0.68
		9,230,535	0.19		•	. ,	

$iSHARES^{\circledR}$ CORE S&P TOTAL U.S. STOCK MARKET ETF September 30, 2016

			% of Net				% of Net
Security	Shares	Value	Assets	Security	Shares	Value	Assets
Other securities ^a		\$ 93,056,239	1.97%	PHARMACEUTICALS			
		174,115,618	3.68	Bristol-Myers			
LEISURE PRODUCTS				Squibb Co.	351,860	\$ 18,972,291	0.40%
Other securities ^a		7,429,687	0.16	Eli Lilly & Co.	205,413	16,486,447	0.35
		7,429,687	0.16	Johnson & Johnson	567,319	67,017,393	1.42
LIFE SCIENCES TOOLS	& SERVICE	≣S		Merck & Co. Inc.	576,565	35,983,422	0.76
Other securities ^a		38,671,507	0.82	Pfizer Inc.	1,262,368	42,756,404	0.90
		38,671,507	0.82	Other securities ^a		30,855,365	0.65
MACHINERY		,,				212,071,322	4.48
Other securities ^a		84,824,795	1.79	PROFESSIONAL SERV	ICES		
Other occurring		84,824,795	1.79	Other securities ^a		20,959,885	0.44
MARINE		04,024,733	1.75			20,959,885	0.44
Other securities ^a		1,007,249	0.02	REAL ESTATE MANAG	SEMENT & D	EVELOPMENT	
Other securities		1,007,249	0.02	Other securities ^a		6,169,494	0.13
MEDIA		1,007,249	0.02			6,169,494	0.13
MEDIA	405.000	00 050 007	0.00	ROAD & RAIL		, , .	
Comcast Corp. Class A	495,222	32,853,027	0.69 0.60	Union Pacific Corp.	173,805	16,951,202	0.36
Walt Disney Co. (The) Other securities ^a	305,745	28,391,481		Other securities ^a	170,000	22,134,040	0.47
Other securities		77,805,001	1.65			39,085,242	0.83
		139,049,509	2.94	SEMICONDUCTORS &	SEMICOND	, ,	
METALS & MINING		04 404 000	0.45	Intel Corp.	977,997	36,919,387	0.78
Other securities ^a		21,194,209	0.45	QUALCOMM Inc.	304,994	20,892,089	0.78
		21,194,209	0.45	Other securities ^a	304,334	88,952,869	1.88
MORTGAGE REAL ESTA	ATE INVES			Other securities		146,764,345	3.10
Other securities ^a		164,027	0.00	COETWARE		140,704,343	3.10
		164,027	0.00	SOFTWARE	4 040 400	00 070 044	4.00
MULTI-UTILITIES				Microsoft Corp.	1,612,436	92,876,314	1.96
Other securities ^a		46,007,180	0.97	Oracle Corp. Other securities ^a	625,409	24,566,065	0.52
		46,007,180	0.97	Other securities		93,872,020	1.99
MULTILINE RETAIL						211,314,399	4.47
Other securities ^a		23,154,592	0.49	SPECIALTY RETAIL	0=0.440		
		23,154,592	0.49	Home Depot Inc. (The)	256,149	32,961,253	0.70
OIL, GAS & CONSUMAE	BLE FUELS			Other securities ^a		78,877,933	1.66
Chevron Corp.	392,994	40,446,942	0.85			111,839,186	2.36
Exxon Mobil Corp.	859,549	75,021,437	1.59	TECHNOLOGY HARDV			
Other securities ^a		143,788,389	3.04	Apple Inc.	1,113,701	125,903,898	2.66
		259,256,768	5.48	Other securities ^a		24,938,401	0.53
PAPER & FOREST PRO	DUCTS					150,842,299	3.19
Other securities ^a	-	2,883,531	0.06	TEXTILES, APPAREL 8	& LUXURY G	OODS	
		2,883,531	0.06	Other securities ^a		36,283,346	0.77
PERSONAL PRODUCTS	;	, ,				36,283,346	0.77
Other securities ^a	•	8,456,057	0.18				
		8,456,057	0.18				
		0,-100,007	0.10				

27

iSHARES® CORE S&P TOTAL U.S. STOCK MARKET ETF

			% of Net
Security	Shares	Value	Assets
THRIFTS & MORTGAGE	FINANCE		
Other securities ^a		\$ 9,332,985	0.20%
		9,332,985	0.20
TOBACCO			
Altria Group Inc.	400,865	25,346,694	0.54
Philip Morris			
International Inc.	322,535	31,356,853	0.66
Other securities ^a		8,825,685	0.18
		65,529,232	1.38
TRADING COMPANIES	& DISTRIBU	JTORS	
Other securities ^a		14,316,360	0.30
		14,316,360	0.30
TRANSPORTATION INF	RASTRUCT	URE	
Other securities ^a		1,282,812	0.03
		1,282,812	0.03
WATER UTILITIES			
Other securities ^a		5,043,165	0.11
		5,043,165	0.11
WIRELESS TELECOMM	IUNICATION	I SERVICES	
Other securities ^a		4,803,265	0.10
		4,803,265	0.10
TOTAL COMMON STOC (Cost: \$4,186,011,906		4,719,172,478	99.73
WARRANTS			
ENERGY EQUIPMENT 8	SERVICES	3	
Other securities ^a		_	_
TOTAL WARRANTO			
TOTAL WARRANTS (Cost: \$0)			
(Cost. 50)		_	_
SHORT-TERM INVES	STMENTS		
MONEY MARKET FUND	S		
BlackRock Cash Funds: Ir	nstitutional,		
SL Agency Shares			
	56,129,571	156,129,571	3.30
BlackRock Cash Funds:	Treasury,		
SL Agency Shares			
0.31% ^{e,f}	3,834,005	3,834,005	0.08
		159,963,576	3.38
TOTAL SHORT-TERM II	NVESTMEN	тѕ	
(Cost: \$159,963,576)		159,963,576	3.38

	Value	% of Net Assets
TOTAL INVESTMENTS IN SECURITIES		
(Cost: \$4,345,975,482) ^h	\$4,879,136,054	103.11%
Other Assets, Less Liabilities	(147,038,581)	(3.11)
NET ASSETS	\$4,732,097,473	100.00%

Other securities are those securities, which individually, are not one of the 50 largest unaffiliated issuers and which represent less than one percent of the net assets of the Fund as of September 30, 2016. Other securities may include securities on loan and non-income earning securities.

b Affiliated issuer. See Schedule 1.

^c Non-income earning security.

d All or a portion of this security represents a security on loan. See Note 1.

^e Affiliated money market fund.

f The rate quoted is the annualized seven-day yield of the fund at period end.

g All or a portion of this security represents an investment of securities lending collateral. See Note 1.

h The cost of investments for federal income tax purposes was \$4,418,749,808. Net unrealized appreciation was \$460,386,246, of which \$602,179,005 represented gross unrealized appreciation on securities and \$141,792,759 represented gross unrealized depreciation on securities.

iSHARES® CORE S&P TOTAL U.S. STOCK MARKET ETF September 30, 2016

Schedule 1 — Affiliates (Note 2)

Investments in issuers considered to be affiliates of the Fund (excluding affiliated money market funds) during the six months ended September 30, 2016, for purposes of Section 2(a)(3) of the 1940 Act, were as follows:

	Shares held at			Shares			
	beginning	Shares		held at end	Value at end	Dividend	Net realized
Affiliated issuer	of period	purchased	Shares sold	of period	of period	income	gain (loss)
BlackRock Inc. PNC Financial Services Group	21,371	5,461	(842)	25,990	\$ 9,420,335	\$110,506	\$ 110,265
Inc. (The) PennyMac Mortgage	84,858	21,428	(3,320)	102,966	9,276,207	96,069	59,697
Investment Trust	_	14,122	(357)	13,765	214,459	5,887	38
					\$18,911,001	\$212,462	\$ 170,000

Schedule 2 — Futures Contracts (Note 5)

Futures contracts outstanding as of September 30, 2016 were as follows:

Issue	Number of long (short) contracts	Expiration date	Exchange	In	itial notional value	Cui	rrent notional value	ар	Inrealized preciation preciation)
S&P 500 E-Mini	91	Dec. 2016	Chicago Mercantile	\$	9,791,787	\$	9,829,820	\$	38,033
S&P MidCap 400 E-Mini	8	Dec. 2016	Chicago Mercantile		1,242,238		1,239,680		(2,558)
				Net unrealized appreciation			\$	35,475	

Schedule 3 — Fair Value Measurements

Various inputs are used in determining the fair value of financial instruments. For description of the input levels and information about the Fund's policy regarding valuation of financial instruments, see Note 1.

The following table summarizes the value of the Fund's investments according to the fair value hierarchy as of September 30, 2016. The breakdown of the Fund's investments into major categories is disclosed in the schedule of investments above.

	Level 1	Level 2	Level 3	Total
Investments:				
Assets:				
Common stocks	\$4,719,134,490	\$15,873	\$22,115	\$4,719,172,478
Warrants	_	_	0 ^a	0 ^a
Money market funds	159,963,576			159,963,576
Total	\$4,879,098,066	\$15,873	\$22,115	\$4,879,136,054
Derivative financial instruments ^b :				
Assets:				
Futures contracts	\$ 38,033	\$ —	\$ —	\$ 38,033
Liabilities:				
Futures contracts	(2,558)			(2,558)
Total	\$ 35,475	<u> </u>	<u> </u>	\$ 35,475

a Rounds to less than \$1.

See notes to financial statements.

b Shown at the unrealized appreciation (depreciation) on the contracts.

Statements of Assets and Liabilities (Unaudited)

iSHARES® TRUST

September 30, 2016

	iShares Core S&P 500 ETF	iShares Core S&P Mid-Cap ETF	iShares Core S&P Small-Cap ETF
ASSETS			
Investments, at cost:			
Unaffiliated	\$72,266,432,540	\$28,177,100,563	\$18,767,700,492
Affiliated (Note 2)	1,484,455,320	1,722,082,968	1,706,224,020
Total cost of investments	\$73,750,887,860	\$29,899,183,531	\$20,473,924,512
Investments in securities, at fair value (including securities on loan ^a) (Note 1):			
Unaffiliated	\$79,063,551,465	\$29,882,974,942	\$21,096,314,397
Affiliated (Note 2)	1,520,289,520	1,722,082,968	1,706,224,020
Total fair value of investments	80,583,840,985	31,605,057,910	22,802,538,417
Cash pledged to broker	4,813,800	1,079,100	1,836,010
Cash	9,412,248	_	_
Receivables:			
Investment securities sold	5,087,629	_	1,489,736
Due from custodian (Note 4)	2,323,780		600,500
Dividends and interest	89,471,997	31,465,063	20,767,401
Capital shares sold		571,116	7,077,240
Futures variation margin	681,870	233,522	338,800
Total Assets	80,695,632,309	31,638,406,711	22,834,648,104
LIABILITIES			
Payables:			
Investment securities purchased	9,228,720	59,968,241	17,906,455
Collateral for securities on loan (Note 1)	1,094,362,416	1,655,510,621	1,687,595,899
Capital shares redeemed	_	284,499	_
Securities related to in-kind transactions (Note 4)	273,386	_	16,028
Investment advisory fees (Note 2)	4,538,280	2,942,650	2,037,727
Total Liabilities	1,108,402,802	1,718,706,011	1,707,556,109
NET ACCETO	\$70,507,000,507	Ф00 040 7 00 7 00	ФО4 40 7 004 005
NET ASSETS	<u>\$79,587,229,507</u>	<u>\$29,919,700,700</u>	\$21,127,091,995
Net assets consist of:			
Paid-in capital	\$73,446,240,056	\$28,399,467,237	\$18,889,023,773
Undistributed net investment income	29,187,977	17,759,526	10,314,079
Accumulated net realized loss	(720,998,711)	(203,859,760)	(101,366,018)
Net unrealized appreciation	6,832,800,185	1,706,333,697	2,329,120,161
NET ASSETS	\$79,587,229,507	\$29,919,700,700	\$21,127,091,995
Shares outstanding ^b	365,700,000	193,400,000	170,100,000
onares outstanding			
Net asset value per share	\$ 217.63	\$ 154.70	\$ 124.20

a Securities on loan with values of \$1,071,192,315, \$1,617,517,092 and \$1,646,227,712, respectively. See Note 1.
 b No par value, unlimited number of shares authorized.

See notes to financial statements.

Statements of Assets and Liabilities (Unaudited) (Continued)

iSHARES® TRUST

September 30, 2016

iShares Core S&P Total U.S. Stock Market ETF **ASSETS** Investments, at cost: Unaffiliated \$4,168,907,623 Affiliated (Note 2) 177,067,859 Total cost of investments \$4,345,975,482 Investments in securities, at fair value (including securities on loan^a) (Note 1): \$4,700,261,477 Affiliated (Note 2) 178,874,577 Total fair value of investments 4,879,136,054 Cash pledged to broker 479,790 Cash 187,209 Receivables: Investment securities sold 3,358,250 Due from custodian (Note 4) 3,865 Dividends and interest 5,542,225 Futures variation margin 64,945 **Total Assets** 4,888,772,338 LIABILITIES Payables: Investment securities purchased 429,763 Collateral for securities on loan (Note 1) 156,129,571 Securities related to in-kind transactions (Note 4) 99 Investment advisory fees (Note 2) 115,432 **Total Liabilities** 156,674,865 **NET ASSETS** \$4,732,097,473 Net assets consist of: Paid-in capital \$4,234,877,645 Undistributed net investment income 4,208,235 Accumulated net realized loss (40, 184, 454)Net unrealized appreciation 533,196,047 **NET ASSETS** \$4,732,097,473 Shares outstanding^b 95,550,000° 49.52^c

See notes to financial statements.

Net asset value per share

31 FINANCIAL STATEMENTS

^a Securities on loan with a value of \$151,961,861. See Note 1.

^b No par value, unlimited number of shares authorized.

^c Shares outstanding and net asset value per share reflect a two-for-one stock split effective after the close of trading on July 22, 2016, for shareholders of record on July 19, 2016. See Note 4.

Statements of Operations (Unaudited)

iSHARES® TRUST

Six months ended September 30, 2016

	iShares Core S&P 500 ETF	iShares Core S&P Mid-Cap ETF	iShares Core S&P Small-Cap ETF
NET INVESTMENT INCOME			
Dividends — unaffiliated ^a	\$ 798,342,528	\$ 261,093,463	\$ 127,554,776
Dividends — affiliated (Note 2)	4,674,555	47,537	24,789
Interest — unaffiliated	12,001	2,119	_
Securities lending income — affiliated — net (Note 2)	2,251,707	3,295,292	9,084,965
Total investment income	805,280,791	264,438,411	136,664,530
EXPENSES			
Investment advisory fees (Note 2)	26,264,066	16,959,337	11,303,933
Total expenses	26,264,066	16,959,337	11,303,933
Net investment income	779,016,725	247,479,074	125,360,597
NET REALIZED AND UNREALIZED GAIN (LOSS)			
Net realized gain (loss) from:	(00.407.050)	(422.002.045)	(204 042 057)
Investments — unaffiliated Investments — affiliated (Note 2)	(83,167,656) (415,523)	(132,093,045)	(281,842,957)
In-kind redemptions — unaffiliated	1,386,559,239	721,963,861	775,388,195
In-kind redemptions — affiliated (Note 2)	5,414,578	721,300,001	
Futures contracts	16,766,918	5,438,038	4,201,589
Realized gain distributions from affiliated funds	439	37	77
Net realized gain	1,325,157,995	595,308,891	497,746,904
Net change in unrealized appreciation/depreciation on:			
Investments	2,455,329,643	1,360,243,297	1,339,761,204
Futures contracts	(3,520,201)	(1,070,954)	(193,927)
Net change in unrealized appreciation/depreciation	2,451,809,442	1,359,172,343	1,339,567,277
Net realized and unrealized gain	3,776,967,437	1,954,481,234	1,837,314,181
NET INCREASE IN NET ASSETS RESULTING FROM OPERATIONS	\$4,555,984,162	\$2,201,960,308	\$1,962,674,778

 $^{^{\}rm a}$ Net of foreign withholding tax of \$ —, \$ — and \$16,265, respectively.

See notes to financial statements.

Statements of Operations (Unaudited) (Continued)

iSHARES® TRUST

Six months ended September 30, 2016

	iShares Core S&P Total U.S.
	Stock Market ETF
NET INVESTMENT INCOME	
Dividends — unaffiliated ^a	\$ 42,972,724
Dividends — affiliated (Note 2)	221,053
Securities lending income — affiliated — net (Note 2)	828,888
Total investment income	44,022,665
EXPENSES	
Investment advisory fees (Note 2)	632,974
Total expenses	632,974
Net investment income	43,389,691
NET REALIZED AND UNREALIZED GAIN (LOSS)	
Net realized gain (loss) from:	
Investments — unaffiliated	(14,060,473)
Investments — affiliated (Note 2)	(3,888)
In-kind redemptions — unaffiliated	57,825,201
In-kind redemptions — affiliated (Note 2)	173,888
Futures contracts	763,615
Foreign currency transactions	(3)
Net realized gain	44,698,340
Net change in unrealized appreciation/depreciation on:	
Investments	198,217,948
Futures contracts	(233,410)
Net change in unrealized appreciation/depreciation	197,984,538
Net realized and unrealized gain	242,682,878
NET INCREASE IN NET ASSETS RESULTING FROM OPERATIONS	\$286,072,569

^a Net of foreign withholding tax of \$2,968.

See notes to financial statements.

FINANCIAL STATEMENTS 33

Statements of Changes in Net Assets

iSHARES® TRUST

	Core	ares e S&P e ETF	iShares Core S&P Mid-Cap ETF			
	Six months ended September 30, 2016 (Unaudited)	Year ended March 31, 2016	Six months ended September 30, 2016 (Unaudited)	Year ended March 31, 2016		
INCREASE (DECREASE) IN NET ASSETS						
OPERATIONS:						
Net investment income	\$ 779,016,725	\$ 1,431,123,121	\$ 247,479,074	\$ 388,374,781		
Net realized gain	1,325,157,995	2,732,231,955	595,308,891	799,125,780		
Net change in unrealized appreciation/depreciation	2,451,809,442	(3,021,855,835)	1,359,172,343	(2,285,744,065)		
Net increase (decrease) in net assets resulting						
from operations	4,555,984,162	1,141,499,241	2,201,960,308	(1,098,243,504)		
DISTRIBUTIONS TO SHAREHOLDERS:						
From net investment income	(749,828,748)	(1,594,214,272)	(248,794,518)	(408,032,284)		
Total distributions to shareholders	(749,828,748)	(1,594,214,272)	(248,794,518)	(408,032,284)		
CAPITAL SHARE TRANSACTIONS:						
Proceeds from shares sold	9,878,907,888	14,490,631,041	4,043,696,885	6,869,705,079		
Cost of shares redeemed	(5,199,088,573)	(11,679,768,186)	(2,660,101,059)	(4,641,436,971)		
Net increase in net assets from capital						
share transactions	4,679,819,315	2,810,862,855	1,383,595,826	2,228,268,108		
INCREASE IN NET ASSETS	8,485,974,729	2,358,147,824	3,336,761,616	721,992,320		
NET ASSETS						
Beginning of period	71,101,254,778	68,743,106,954	26,582,939,084	25,860,946,764		
End of period	\$79,587,229,507	\$ 71,101,254,778	\$29,919,700,700	\$26,582,939,084		
Undistributed net investment income included in net						
assets at end of period	\$ 29,187,977	<u> </u>	\$ 17,759,526	\$ 19,074,970		
CHARES ISSUED AND DEDEEMED						
SHARES ISSUED AND REDEEMED Shares sold	46,450,000	71,050,000	26,750,000	47,250,000		
Shares redeemed	(24,850,000)	(57,650,000)	(17,750,000)	(33,000,000)		
Net increase in shares outstanding	21,600,000	13,400,000	9,000,000	14,250,000		

Statements of Changes in Net Assets (Continued)

iSHARES® TRUST

	Core	ares S&P Cap ETF	iShares Core S&P Total U.S. Stock Market ETF		
	Six months ended September 30, 2016 (Unaudited)	Year ended March 31, 2016	Six months ended September 30, 2016 (Unaudited) ^a	Year ended March 31, 2016 ^a	
INCREASE (DECREASE) IN NET ASSETS					
OPERATIONS:					
Net investment income	\$ 125,360,597	\$ 236,296,053	\$ 43,389,691	\$ 54,866,467	
Net realized gain (loss)	497,746,904	831,119,260	44,698,340	(28,904,057)	
Net change in unrealized appreciation/depreciation	1,339,567,277	(1,642,193,669)	197,984,538	14,817,821	
Net increase (decrease) in net assets resulting					
from operations	1,962,674,778	(574,778,356)	286,072,569	40,780,231	
DISTRIBUTIONS TO SHAREHOLDERS:					
From net investment income	(115,046,518)	(244,297,334)	(41,741,313)	(57,244,775)	
Total distributions to shareholders	(115,046,518)	(244,297,334)	(41,741,313)	(57,244,775)	
CAPITAL SHARE TRANSACTIONS:					
Proceeds from shares sold	4,106,052,215	4,557,741,667	933,654,956	1,606,678,652	
Cost of shares redeemed	(2,137,621,323)	(2,612,168,239)	(145,100,545)	(74,016,054)	
Net increase in net assets from capital	(2,107,021,020)	(2,012,100,233)	(140,100,040)	(14,010,004)	
share transactions	1,968,430,892	1,945,573,428	788,554,411	1,532,662,598	
INCREASE IN NET ASSETS	3,816,059,152	1,126,497,738	1,032,885,667	1,516,198,054	
	3,610,039,132	1,120,491,730	1,032,003,007	1,510,190,054	
NET ASSETS					
Beginning of period	17,311,032,843	16,184,535,105	3,699,211,806	2,183,013,752	
End of period	\$21,127,091,995	\$17,311,032,843	\$4,732,097,473	\$3,699,211,806	
Undistributed net investment income included in net					
assets at end of period	\$ 10,314,079	<u> </u>	\$ 4,208,235	\$ 2,559,857	
CHARES ISSUED AND DEDEEMED					
SHARES ISSUED AND REDEEMED Shares sold	34,350,000	40,400,000	18,200,000	34,900,000	
Shares sold Shares redeemed	(17,950,000)	(23,800,000)	(1,950,000)	(1,700,000)	
Net increase in shares outstanding	16,400,000	16,600,000	16,250,000	33,200,000	
iver increase in shales outstanding	10,400,000	10,000,000	10,230,000	33,200,000	

^a Share transactions reflect a two-for-one stock split effective after the close of trading on July 22, 2016, for shareholders of record on July 19, 2016. See Note 4.

See notes to financial statements.

FINANCIAL STATEMENTS 35

Financial Highlights

iSHARES® TRUST

(For a share outstanding throughout each period)

	iShares Core S&P 500 ETF											
	S	Six months ended ep. 30, 2016 (Unaudited)	M	Year ended lar. 31, 2016		Year ended Mar. 31, 2015	N	Year ended Nar. 31, 2014	N	Year ended Mar. 31, 2013		Year ended ar. 31, 2012
Net asset value, beginning of period	\$	206.63	\$	207.87	\$	188.12	\$	157.51	\$	141.28	\$	133.00
Income from investment operations: Net investment income ^a Net realized and unrealized		2.22		4.28		4.01		3.51		3.20		2.63
gain (loss) ^b		10.88		(0.76)	_	19.69		30.53		16.14		8.29
Total from investment operations		13.10		3.52		23.70		34.04	_	19.34		10.92
Less distributions from: Net investment income	_	(2.10)		(4.76)	_	(3.95)	_	(3.43)	_	(3.11)		(2.64)
Total distributions	_	(2.10)		(4.76)	_	(3.95)	_	(3.43)		(3.11)		(2.64)
Net asset value, end of period	\$	217.63	\$	206.63	\$	207.87	\$	188.12	\$	157.51	\$	141.28
Total return	=	6.37%	, c	1.74%	ó d =	12.66%	_	21.79%	_	13.90%	· —	8.44%
Ratios/Supplemental data:												
Net assets, end of period (000s)	\$7	9,587,230	\$7	1,101,255	\$	68,743,107	\$5	4,366,052	\$4	1,031,303	\$29	9,994,594
Ratio of expenses to average net assets ^e		0.07%	,)	0.07%	, 0	0.07%	, D	0.07%		0.08%)	0.09%
Ratio of net investment income to average net assets ^e Portfolio turnover rate ^f		2.08%		2.09%	-	2.00%		2.02% 5%		2.23%		2.05% 5%
1 Stabilo tarriovor rato		2/	,	7 /	•	770	,	0 70	•	770	,	370

^a Based on average shares outstanding throughout each period.

See notes to financial statements.

b The amounts reported for a share outstanding may not accord with the change in aggregate gains and losses in securities for the fiscal period due to the timing of capital share transactions in relation to the fluctuating market values of the Fund's underlying securities.

^c Not annualized

d Includes payment from an affiliate. Not including these proceeds, the Fund's total return would have been 1.73%.

e Annualized for periods of less than one year.

Portfolio turnover rates exclude portfolio securities received or delivered as a result of processing capital share transactions in Creation Units.

Financial Highlights (Continued)

iSHARES® TRUST

(For a share outstanding throughout each period)

	iShares Core S&P Mid-Cap ETF											
	S	Six months ended ep. 30, 2016 (Unaudited)		Year ended ar. 31, 2016		Year ended Mar. 31, 2015		Year ended ar. 31, 2014		Year ended ar. 31, 2013		′ear ended r. 31, 2012
Net asset value, beginning of period	\$	144.16	\$	151.99	\$	137.47	\$	115.10	\$	99.26	\$	98.72
Income from investment operations: Net investment income ^a Net realized and unrealized		1.32		2.16		1.99		1.74		1.56		1.07
gain (loss) ^b		10.53		(7.77)	_	14.51		22.45		15.82		0.62
Total from investment operations		11.85		(5.61)		16.50		24.19		17.38		1.69
Less distributions from: Net investment income		(1.31)		(2.22)	_	(1.98)		(1.82)		(1.54)		(1.1 <u>5</u>)
Total distributions		(1.31)		(2.22)	_	(1.98)		(1.82)		(1.54)		(1.15)
Net asset value, end of period	\$	154.70	\$	144.16	\$	151.99	\$	137.47	\$	115.10	\$	99.26
Total return	_	8.25%	, c 	(3.67)	%_	12.09%) <u> </u>	21.16%) <u> </u>	17.72%	·	1.84%
Ratios/Supplemental data:												
Net assets, end of period (000s)	\$2	9,919,701	\$26	6,582,939	\$	25,860,947	\$20	0,641,055	\$15	5,187,141	\$10	,992,618
Ratio of expenses to average net assets ^d		0.12%	, D	0.12%	, 0	0.13%)	0.14%)	0.17%)	0.20%
Ratio of net investment income to average net assets ^d		1.75%		1.50%	-	1.40%		1.39%		1.55%		1.16%
Portfolio turnover rate ^e		8%	0	15%	Ó	15%)	11%)	9%)	14%

^a Based on average shares outstanding throughout each period.

See notes to financial statements.

FINANCIAL HIGHLIGHTS 37

b The amounts reported for a share outstanding may not accord with the change in aggregate gains and losses in securities for the fiscal period due to the timing of capital share transactions in relation to the fluctuating market values of the Fund's underlying securities.

^c Not annualized

d Annualized for periods of less than one year.

e Portfolio turnover rates exclude portfolio securities received or delivered as a result of processing capital share transactions in Creation Units.

Financial Highlights (Continued)

iSHARES® TRUST

(For a share outstanding throughout each period)

	iShares Core S&P Small-Cap ETF											
	Se	Six months ended p. 30, 2016 (Unaudited)		Year ended ar. 31, 2016		Year ended ar. 31, 2015		Year ended ar. 31, 2014		ear ended . 31, 2013		ear ended 31, 2012
Net asset value, beginning of period	\$	112.63	\$	118.05	\$	110.16	\$	87.17	\$	76.32	\$	73.59
Income from investment operations: Net investment income ^a Net realized and unrealized		0.79		1.61		1.47		1.18		1.28		0.81
gain (loss) ^b		11.49		(5.40)		7.93		22.99		10.87		2.71
Total from investment operations		12.28		(3.79)		9.40		24.17		12.15		3.52
Less distributions from: Net investment income		(0.71)		(1.63)		(1.51)		(1.18)		(1.30)		(0.79)
Total distributions		(0.71)		(1.63)		(1.51)		(1.18)		(1.30)		(0.79)
Net asset value, end of period	\$	124.20	\$	112.63	\$	118.05	\$	110.16	\$	87.17	\$	76.32
Total return		10.93%	c	(3.19)%	, 	8.61%	_	27.84%		16.13%		4.91%
Ratios/Supplemental data:												
Net assets, end of period (000s)	\$21	,127,092	\$17	,311,033	\$16	,184,535	\$14	,254,909	\$9,	737,264	\$7,7	799,851
Ratio of expenses to average												
net assets ^d		0.12%		0.12%		0.13%		0.14%		0.17%		0.20%
Ratio of net investment income to		4.000/		4.440/		4.000/		4 400/		4.000/		4.400/
average net assets ^d		1.33%		1.44%		1.33%		1.18%		1.66%		1.16%
Portfolio turnover rate ^e		7%		17%		14%		11%		12%		18%

^a Based on average shares outstanding throughout each period.

See notes to financial statements.

b The amounts reported for a share outstanding may not accord with the change in aggregate gains and losses in securities for the fiscal period due to the timing of capital share transactions in relation to the fluctuating market values of the Fund's underlying securities.

^c Not annualized

^d Annualized for periods of less than one year.

e Portfolio turnover rates exclude portfolio securities received or delivered as a result of processing capital share transactions in Creation Units.

Financial Highlights (Continued)

iSHARES® TRUST

(For a share outstanding throughout each period)

	iShares Core S&P Total U.S. Stock Market ETF					
	Six months ended Sep. 30, 2016 (Unaudited) ^a	Year ended Mar. 31, 2016 ^a	Year ended Mar. 31, 2015 ^a	Year ended Mar. 31, 2014 ^a	Year ended Mar. 31, 2013 ^a	Year ended Mar. 31, 2012 ^a
Net asset value, beginning of period	\$ 46.65	\$ 47.35	\$ 42.87	\$ 35.81	\$ 31.99	\$ 30.28
Income from investment operations:						
Net investment income ^b	0.50	0.96	0.89	0.78	0.69	0.54
Net realized and unrealized gain (loss) ^c	2.83	(0.73)	4.42	7.01	3.79	1.71
Total from investment operations	3.33	0.23	5.31	7.79	4.48	2.25
Less distributions from:						
Net investment income	(0.46)	(0.93)	(0.83)	(0.73)	(0.66)	(0.54)
Total distributions	(0.46)	(0.93)	(0.83)	(0.73)	(0.66)	(0.54)
Net asset value, end of period	\$ 49.52	\$ 46.65	\$ 47.35	\$ 42.87	\$ 35.81	\$ 31.99
Total return	<u>7.17</u> %	o ^d 0.51%	12.47%	21.93%	14.22%	7.63%
Ratios/Supplemental data:						
Net assets, end of period (000s)	\$4,732,097	\$3,699,212	\$2,183,014	\$1,187,449	\$601,586	\$387,099
Ratio of expenses to average net assets ^e	0.03%	0.05%	0.07%	0.07%	0.13%	0.20%
Ratio of net investment income to						
average net assets ^e	2.06%	2.08%	1.95%	1.96%	2.12%	1.84%
Portfolio turnover rate ^f	3%	14%	4%	5%	5%	5%

^a Per share amounts reflect a two-for-one stock split effective after the close of trading on July 22, 2016, for shareholders of record on July 19, 2016. See Note 4.

See notes to financial statements.

Financial Highlights 39

^b Based on average shares outstanding throughout each period.

^c The amounts reported for a share outstanding may not accord with the change in aggregate gains and losses in securities for the fiscal period due to the timing of capital share transactions in relation to the fluctuating market values of the Fund's underlying securities.

d Not annualized

^e Annualized for periods of less than one year.

f Portfolio turnover rates exclude portfolio securities received or delivered as a result of processing capital share transactions in Creation Units.

Notes to Financial Statements (Unaudited)

iSHARES® TRUST

iShares Trust (the "Trust") is registered under the Investment Company Act of 1940, as amended (the "1940 Act"), as an open-end management investment company. The Trust was established as a Delaware statutory trust pursuant to an Agreement and Declaration of Trust dated December 16, 1999.

These financial statements relate only to the following funds (each, a "Fund," and collectively, the "Funds"):

	Diversification
iShares ETF	Classification
Core S&P 500	Diversified
Core S&P Mid-Cap	Diversified
Core S&P Small-Cap	Diversified
Core S&P Total U.S. Stock Market	Diversified

The investment objective of each Fund is to seek investment results that correspond generally to the price and yield performance, before fees and expenses, of its underlying index. The investment adviser uses a "passive" or index approach to try to achieve each Fund's investment objective.

Pursuant to the Trust's organizational documents, the Funds' officers and trustees are indemnified against certain liabilities that may arise out of the performance of their duties to the Funds. Additionally, in the normal course of business, the Funds enter into contracts with service providers that contain general indemnification clauses. The Funds' maximum exposure under these arrangements is unknown as this would involve future claims that may be made against the Funds that have not yet occurred.

1. SIGNIFICANT ACCOUNTING POLICIES

The following significant accounting policies are consistently followed by each Fund in the preparation of its financial statements in conformity with accounting principles generally accepted in the United States of America ("U.S. GAAP"). The preparation of financial statements in conformity with U.S. GAAP requires management to make certain estimates and assumptions that affect the reported amounts of assets and liabilities and disclosures of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenue and expenses during the reporting period. Actual results could differ from those estimates. Each Fund is considered an investment company under U.S. GAAP and follows the accounting and reporting guidance applicable to investment companies.

SECURITY VALUATION

Each Fund's investments are valued at fair value each day that the Fund's listing exchange is open and, for financial reporting purposes, as of the report date should the reporting period end on a day that the Fund's listing exchange is not open. U.S. GAAP defines fair value as the price a fund would receive to sell an asset or pay to transfer a liability in an orderly transaction between market participants at the measurement date. The BlackRock Global Valuation Methodologies Committee (the "Global Valuation Committee") provides oversight of the valuation of investments for the Funds. The investments of each Fund are valued pursuant to policies and procedures developed by the Global Valuation Committee and approved by the Board of Trustees of the Trust (the "Board").

- Equity investments traded on a recognized securities exchange are valued at that day's last reported trade price or the
 official closing price, as applicable, on the exchange where the stock is primarily traded. Equity investments traded on a
 recognized exchange for which there were no sales on that day are valued at the last traded price.
- Open-end U.S. mutual funds (including money market funds) are valued at that day's published net asset value ("NAV").

iSHARES® TRUST

· Futures contracts are valued at that day's last reported settlement price on the exchange where the contract is traded.

In the event that application of these methods of valuation results in a price for an investment which is deemed not to be representative of the fair value of such investment or if a price is not available, the investment will be valued based upon other available factors deemed relevant by the Global Valuation Committee, in accordance with policies approved by the Board. These factors include but are not limited to (i) attributes specific to the investment; (ii) the principal market for the investment; (iii) the customary participants in the principal market for the investment; (iv) data assumptions by market participants for the investment, if reasonably available; (v) quoted prices for similar investments in active markets; and (vi) other factors, such as future cash flows, interest rates, yield curves, volatilities, prepayment speeds, loss severities, credit risks and/or default rates. Valuations based on such factors are reported to the Board on a quarterly basis.

The Global Valuation Committee employs various methods for calibrating valuation approaches for investments where an active market does not exist, including regular due diligence of the Trust's pricing vendors, a regular review of key inputs and assumptions, transactional back-testing or disposition analysis to compare unrealized gains and losses to realized gains and losses, reviews of missing or stale prices, reviews of large movements in market values, and reviews of market related activity.

Fair value pricing could result in a difference between the prices used to calculate a Fund's NAV and the prices used by the Fund's underlying index, which in turn could result in a difference between the Fund's performance and the performance of the Fund's underlying index.

Various inputs are used in determining the fair value of financial instruments. Inputs may be based on independent market data ("observable inputs") or they may be internally developed ("unobservable inputs"). These inputs are categorized into a disclosure hierarchy consisting of three broad levels for financial reporting purposes. The level of a value determined for a financial instrument within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement in its entirety. The categorization of a value determined for a financial instrument within the hierarchy is based upon the pricing transparency of the instrument and is not necessarily an indication of the risk associated with investing in the instrument. The three levels of the fair value hierarchy are as follows:

- Level 1 Unadjusted quoted prices in active markets for identical assets or liabilities;
- Level 2 Inputs other than quoted prices included within Level 1 that are observable for the asset or liability either directly
 or indirectly, including quoted prices for similar assets or liabilities in active markets, quoted prices for identical or similar
 assets or liabilities in markets that are not considered to be active, inputs other than quoted prices that are observable for
 the asset or liability (such as exchange rates, financing terms, interest rates, yield curves, volatilities, prepayment speeds,
 loss severities, credit risks and default rates) or other market-corroborated inputs; and
- Level 3 Unobservable inputs for the asset or liability, including the Global Valuation Committee's assumptions used in determining the fair value of investments.

Changes in valuation techniques may result in transfers in or out of an assigned level within the disclosure hierarchy. In accordance with the Trust's policy, transfers between different levels of the fair value hierarchy are deemed to have occurred as of the beginning of the reporting period.

SECURITY TRANSACTIONS AND INCOME RECOGNITION

Security transactions are accounted for on trade date. Dividend income and capital gain distributions, if any, are recognized on the ex-dividend date, net of any foreign taxes withheld at source. Any taxes withheld that are reclaimable from foreign tax authorities as of September 30, 2016 are reflected in tax reclaims receivable. Non-cash dividends received in the form of stock in

iSHARES® TRUST

an elective dividend, if any, are recorded as dividend income at fair value. Distributions received by the Funds may include a return of capital that is estimated by management. Such amounts are recorded as a reduction of the cost of investments or reclassified to capital gains. Interest income is accrued daily. Realized gains and losses on investment transactions are determined using the specific identification method.

DISTRIBUTIONS TO SHAREHOLDERS

Dividends and distributions paid by each Fund are recorded on the ex-dividend dates. Distributions are determined on a tax basis and may differ from net investment income and net realized capital gains for financial reporting purposes. Dividends and distributions are paid in U.S. dollars and cannot be automatically reinvested in additional shares of the Funds.

LOANS OF PORTFOLIO SECURITIES

Each Fund may lend its investment securities to approved borrowers, such as brokers, dealers and other financial institutions. The borrower pledges and maintains with the Fund collateral consisting of cash, an irrevocable letter of credit issued by a bank, or securities issued or guaranteed by the U.S. government. The initial collateral received by each Fund is required to have a value of at least 102% of the current value of the loaned securities for securities traded on U.S. exchanges and a value of at least 105% for all other securities. The collateral is maintained thereafter at a value equal to at least 100% of the current value of the securities on loan. The market value of the loaned securities is determined at the close of each business day of the Funds. Any additional required collateral is delivered to the Funds and any excess collateral is returned by the Funds on the next business day. During the term of the loan, each Fund is entitled to all distributions made on or in respect of the loaned securities but does not receive interest income on securities received as collateral. Loans of securities are terminable at any time and the borrower, after notice, is required to return borrowed securities within the standard time period for settlement of securities transactions.

On October 11, 2016, BlackRock, Inc. ("BlackRock") implemented changes required by amendments to Rule 2a-7 under the 1940 Act, which governs the operations of U.S. money market funds. The Funds may be exposed to additional risks when reinvesting the cash collateral in money market funds that do not seek to maintain a stable NAV per share of \$1.00 and which may be subject to redemption gates or liquidity fees under certain circumstances.

Any cash received as collateral for securities on loan may be reinvested in certain short-term instruments either directly on behalf of a fund or through one or more joint accounts or money market funds, including those managed by BlackRock Fund Advisors ("BFA"), the Funds' investment adviser, or its affiliates. As of September 30, 2016, any securities on loan were collateralized by cash and/or U.S. government obligations. Cash collateral received was invested in money market funds managed by BFA and is disclosed in the schedules of investments. The securities on loan for each Fund are also disclosed in its schedule of investments. The total value of any securities on loan as of September 30, 2016 and the total value of the related cash collateral are disclosed in the statements of assets and liabilities. Income earned by the Funds from securities lending is disclosed in the statements of operations.

The risks of securities lending include the risk that the borrower may not provide additional collateral when required or may not return the securities when due. To mitigate these risks, the Funds benefit from a borrower default indemnity provided by BlackRock. BlackRock's indemnity allows for full replacement of securities lent. Each Fund could suffer a loss if the value of the investments purchased with cash collateral falls below the value of the cash collateral received.

Securities lending transactions are entered into by the Funds under Master Securities Lending Agreements ("MSLA") which provide the right, in the event of default (including bankruptcy or insolvency) for the non-defaulting party to liquidate the collateral and calculate a net exposure to the defaulting party or request additional collateral. In the event that a borrower defaults, a Fund, as lender, would offset the market value of the collateral received against the market value of the securities loaned. The value of the collateral is typically greater than that of the market value of the securities loaned, leaving the lender with a net amount

iSHARES® TRUST

payable to the defaulting party. However, bankruptcy or insolvency laws of a particular jurisdiction may impose restrictions on or prohibitions against such a right of offset in the event of an MSLA counterparty's bankruptcy or insolvency. Under the MSLA, the borrower can resell or re-pledge the loaned securities, and a Fund can reinvest cash collateral, or, upon an event of default, resell or re-pledge the collateral.

The following table is a summary of securities lending agreements which are subject to offset under an MSLA as of September 30, 2016:

iShares ETF	٨	Market Value of	Cash Collateral		Net
and Counterparty	Sec	urities on Loan	Received ^a	An	nount
Core S&P 500					
Barclays Capital Inc.	\$	10,576,929	\$ 10,576,929	\$	_
BNP Paribas Prime Brokerage Inc.		16,721,768	16,721,768		_
BNP Paribas Prime Brokerage International Ltd.		30,687,028	30,687,028		_
Citigroup Global Markets Inc.		32,764,901	32,764,901		_
Credit Suisse Securities (USA) LLC		5,400,368	5,400,368		_
Deutsche Bank Securities Inc.		219,886,316	219,886,316		_
Goldman Sachs & Co.		96,763,572	96,763,572		_
HSBC Bank PLC		3,377,982	3,377,982		_
Jefferies LLC		4,659,549	4,659,549		_
JPMorgan Securities LLC		167,092,592	167,092,592		_
Merrill Lynch, Pierce, Fenner & Smith		195,630,814	195,630,814		_
Morgan Stanley & Co. LLC (U.S. Equity Securities Lending)		165,632,776	165,632,776		_
National Financial Services LLC		2,259,096	2,259,096		_
Nomura Securities International Inc.		2,774,735	2,774,735		_
Scotia Capital (USA) Inc.		24,944,671	24,944,671		_
SG Americas Securities LLC		977	977		_
State Street Bank & Trust Company		52,799,657	52,799,657		_
UBS AG		10,106,775	10,106,775		_
UBS Securities LLC		18,879,202	18,879,202		_
Wells Fargo Securities LLC		10,232,607	 10,232,607		
	\$	1,071,192,315	\$ 1,071,192,315	\$	
Core S&P Mid-Cap					
Barclays Capital Inc.		2,367,702	2,367,702		_
BNP Paribas Prime Brokerage International Ltd.		35,534,799	35,534,799		_
Citigroup Global Markets Inc.		42,894,875	42,894,875		_
Credit Suisse Securities (USA) LLC		33,423,840	33,423,840		_
Deutsche Bank Securities Inc.		73,827,947	73,827,947		_
Goldman Sachs & Co.		323,983,449	323,983,449		_
HSBC Bank PLC		22,649,367	22,649,367		_
Jefferies LLC		2,155,202	2,155,202		_
JPMorgan Securities LLC		371,324,398	371,324,398		_
Merrill Lynch, Pierce, Fenner & Smith		155,908,683	155,908,683		_
Mizuho Securities USA Inc.		2,583,273	2,583,273		_
Morgan Stanley & Co. LLC (U.S. Equity Securities Lending)		316,205,232	316,205,232		_
National Financial Services LLC		28,811,386	28,811,386		_

iSHARES® TRUST

iShares ETF		Market Value of		Cash Collateral		Net
and Counterparty	Se	ecurities on Loan		Received ^a	An	nount
Nomura Securities International Inc.	\$	3,707,978	\$	3,707,978	\$	_
RBC Capital Markets LLC		278,828		278,828		
Scotia Capital (USA) Inc.		4,082,796		4,082,796		
SG Americas Securities LLC		256,598		256,598		
State Street Bank & Trust Company		53,776,531		53,776,531		_
UBS AG		56,789,822		56,789,822		_
UBS Securities LLC		71,045,054		71,045,054		_
Wells Fargo Securities LLC	_	15,909,332	_	15,909,332		_
	\$	1,617,517,092	\$	1,617,517,092	\$	_
Core S&P Small-Cap						
Barclays Capital Inc.		32,099,464		32,099,464		
BNP Paribas Prime Brokerage Inc.		13,216,223		13,216,223		
BNP Paribas Prime Brokerage International Ltd.		70,227,056		70,227,056		
Citigroup Global Markets Inc.		131,561,650		131,561,650		_
Credit Suisse Securities (USA) LLC		83,966,645		83,966,645		_
Deutsche Bank Securities Inc.		81,889,254		81,889,254		_
Goldman Sachs & Co.		382,078,055		382,078,055		_
HSBC Bank PLC		8,584,064		8,584,064		
Jefferies LLC		14,340,976		14,340,976		_
JPMorgan Securities LLC		206,796,297		206,796,297		_
Merrill Lynch, Pierce, Fenner & Smith		168,774,352		168,774,352		_
Mizuho Securities USA Inc.		527,610		527,610		
Morgan Stanley & Co. LLC (U.S. Equity Securities Lending)		227,571,824		227,571,824		
National Financial Services LLC		43,763,751		43,763,751		
Nomura Securities International Inc.		3,122,228		3,122,228		
RBC Capital Markets LLC		147,039		147,039		
Scotia Capital (USA) Inc.		46,766,400		46,766,400		
SG Americas Securities LLC		5,834,232		5,834,232		
State Street Bank & Trust Company		16,920,725		16,920,725		
Timber Hill LLC		205,804		205,804		_
UBS AG		19,339,719		19,339,719		_
UBS Securities LLC		45,336,557		45,336,557		
Wells Fargo Securities LLC		43,157,787		43,157,787		_
Wolld Farge Coodifice LEG	\$	1,646,227,712	\$	1,646,227,712	\$	_
Core S&P Total U.S. Stock Market	=	,, , - 1=	=	,,,	_	
Barclays Capital Inc.		2,082,905		2,082,905		_
BNP Paribas Prime Brokerage Inc.		263,812		263,812		
BNP Paribas Prime Brokerage International Ltd.		3,982,339		3,982,339		
Citigroup Global Markets Inc.		8,728,113		8,728,113		_
Credit Suisse Securities (USA) LLC		6,293,448		6,293,448		
Deutsche Bank Securities Inc.		8,627,788				
Goldman Sachs & Co.				8,627,788 27,170,722		
HSBC Bank PLC		27,170,722 110,047		27,170,722 110,047		

iSHARES® TRUST

iShares ETF	I	Market Value of	Cash Collateral		Net
and Counterparty	Sec	curities on Loan	Received ^a	Am	ount
Jefferies LLC	\$	484,650	\$ 484,650	\$	_
JPMorgan Securities LLC		27,376,214	27,376,214		_
Merrill Lynch, Pierce, Fenner & Smith		6,408,269	6,408,269		_
Morgan Stanley & Co. LLC (U.S. Equity Securities Lending)		30,926,888	30,926,888		_
National Financial Services LLC		1,014,883	1,014,883		_
Nomura Securities International Inc.		166,349	166,349		_
RBC Capital Markets LLC		369,226	369,226		_
Scotia Capital (USA) Inc.		2,828,637	2,828,637		_
SG Americas Securities LLC		10,191,361	10,191,361		_
State Street Bank & Trust Company		7,621,348	7,621,348		_
Timber Hill LLC		306,040	306,040		_
UBS AG		117,095	117,095		_
UBS Securities LLC		5,045,587	5,045,587		_
Wells Fargo Securities LLC		1,846,140	1,846,140		
	\$	151,961,861	\$ 151,961,861	\$	

^a Collateral received in excess of the market value of securities on loan is not presented in this table. The total cash collateral received by each Fund is disclosed in the Fund's statement of assets and liabilities.

2. INVESTMENT ADVISORY AGREEMENT AND OTHER TRANSACTIONS WITH AFFILIATES

Pursuant to an Investment Advisory Agreement with the Trust, BFA manages the investment of each Fund's assets. BFA is a California corporation indirectly owned by BlackRock. Under the Investment Advisory Agreement, BFA is responsible for substantially all expenses of the Funds, except interest, taxes, brokerage commissions and other expenses connected with the execution of portfolio transactions, distribution fees, litigation expenses and any extraordinary expenses.

For its investment advisory services to each Fund, BFA is entitled to an annual investment advisory fee based on the average daily net assets of each Fund as follows:

	Investment
iShares ETF	Advisory Fee
Core S&P 500	0.07%
Core S&P Mid-Cap	0.12
Core S&P Small-Cap	0.12
Core S&P Total U.S. Stock Market	0.03

Effective October 5, 2016, for its investment advisory services to each of the iShares Core S&P 500 ETF, iShares Core S&P Mid-Cap ETF and iShares Core S&P Small-Cap ETF, BFA will be entitled to an annual investment advisory fee of 0.04%, 0.07% and 0.07%, respectively, based on the average daily net assets of each Fund.

The U.S. Securities and Exchange Commission (the "SEC") has issued an exemptive order which permits BlackRock Institutional Trust Company, N.A. ("BTC"), an affiliate of BFA, to serve as securities lending agent for the Funds, subject to applicable conditions. As securities lending agent, BTC bears all operational costs directly related to securities lending. Each Fund is responsible for fees in connection with the investment of cash collateral received for securities on loan in a money market fund managed by BFA, however, BTC has agreed to reduce the amount of securities lending income it receives in order to effectively

iSHARES® TRUST

limit the collateral investment fees each Fund bears to an annual rate of 0.04% (the "collateral investment fees"). Securities lending income is equal to the total of income earned from the reinvestment of cash collateral, net of fees and other payments to and from borrowers of securities, and less the collateral investment fees. The Funds retain a portion of securities lending income and remit the remaining portion to BTC as compensation for its services as securities lending agent.

Pursuant to a securities lending agreement, each Fund retains 71.5% of securities lending income and the amount retained can never be less than 65% of the total of securities lending income plus the collateral investment fees. In addition, commencing the business day following the date that the aggregate securities lending income plus the collateral investment fees generated across all 1940 Act iShares exchange-traded funds (the "iShares ETF Complex") in a given calendar year exceeds the aggregate securities lending income generated across the iShares ETF Complex in the calendar year 2013, each Fund, pursuant to a securities lending agreement, will retain for the remainder of that calendar year 75% of securities lending income and the amount retained can never be less than 65% of the total of securities lending income plus the collateral investment fees.

For the six months ended September 30, 2016, the total of securities lending agent services and collateral investment fees paid were as follows:

	Fees Paid
iShares ETF	to BTC
Core S&P 500	\$1,023,997
Core S&P Mid-Cap	1,605,676
Core S&P Small-Cap	3,909,337
Core S&P Total U.S. Stock Market	347,073

BlackRock Investments, LLC, an affiliate of BFA, is the distributor for each Fund. Pursuant to the distribution agreement, BFA is responsible for any fees or expenses for distribution services provided to the Funds.

Cross trading is the buying or selling of portfolio securities between funds to which BFA (or an affiliate) serves as investment adviser. At its regularly scheduled quarterly meetings, the Board reviews such transactions as of the most recent calendar quarter for compliance with the requirements and restrictions set forth by Rule 17a-7.

For the six months ended September 30, 2016, transactions executed by the Funds pursuant to Rule 17a-7 under the 1940 Act were as follows:

iShares ETF	Purchases	Sales
Core S&P 500	\$830,967,519	\$ 83,012,292
Core S&P Mid-Cap	379,079,692	492,316,610
Core S&P Small-Cap	143,359,443	221,819,853
Core S&P Total U.S. Stock Market	13,397,445	8,921,762

Each Fund may invest its positive cash balances in certain money market funds managed by BFA or an affiliate. The income earned on these temporary cash investments is included in "Dividends – affiliated" in the statements of operations.

The PNC Financial Services Group, Inc. is the largest stockholder of BlackRock and is considered to be an affiliate of the Funds for 1940 Act purposes.

Certain trustees and officers of the Trust are also officers of BTC and/or BFA.

iSHARES® TRUST

3. INVESTMENT PORTFOLIO TRANSACTIONS

Purchases and sales of investments (excluding in-kind transactions and short-term investments) for the six months ended September 30, 2016 were as follows:

iShares ETF	Purchases	Sales
Core S&P 500	\$2,241,979,429	\$1,716,765,489
Core S&P Mid-Cap	2,648,258,342	2,138,457,121
Core S&P Small-Cap	1,676,748,732	1,341,042,207
Core S&P Total U.S. Stock Market	178,558,890	134,387,522

In-kind transactions (see Note 4) for the six months ended September 30, 2016 were as follows:

	In-kind	In-kind
iShares ETF	Purchases	Sales
Core S&P 500	\$9,828,167,153	\$5,167,094,291
Core S&P Mid-Cap	3,915,386,791	2,587,845,161
Core S&P Small-Cap	3,976,493,291	2,094,945,766
Core S&P Total U.S. Stock Market	925,681,736	143,782,726

4. CAPITAL SHARE TRANSACTIONS

Capital shares are issued and redeemed by each Fund only in aggregations of a specified number of shares or multiples thereof ("Creation Units") at NAV. Except when aggregated in Creation Units, shares of each Fund are not redeemable. Transactions in capital shares for each Fund are disclosed in detail in the statements of changes in net assets.

The consideration for the purchase of Creation Units of a fund in the Trust generally consists of the in-kind deposit of a designated portfolio of securities and a specified amount of cash. Certain funds in the Trust may be offered in Creation Units solely or partially for cash in U.S. dollars. Investors purchasing and redeeming Creation Units may pay a purchase transaction fee and a redemption transaction fee directly to State Street Bank and Trust Company, the Trust's administrator, to offset transfer and other transaction costs associated with the issuance and redemption of Creation Units, including Creation Units for cash. Investors transacting in Creation Units for cash may also pay an additional variable charge to compensate the relevant fund for certain transaction costs (i.e., stamp taxes, taxes on currency or other financial transactions, and brokerage costs) and market impact expenses relating to investing in portfolio securities. Such variable charges, if any, are included in "Proceeds from shares sold" in the statements of changes in net assets.

From time to time, settlement of securities related to in-kind contributions or in-kind redemptions may be delayed. In such cases, securities related to in-kind contributions are reflected as "Due from custodian" and securities related to in-kind redemptions are reflected as "Securities related to in-kind transactions" in the statements of assets and liabilities.

The Board authorized a two-for-one stock split for the iShares Core S&P Total U.S. Stock Market ETF, effective after the close of trading on July 22, 2016, for the shareholders of record on July 19, 2016. The impact of the stock split was to increase the number of shares outstanding by a factor of two, while decreasing the NAV per share by a factor of two, resulting in no effect on the net assets of the Fund. The financial statements for the Fund have been adjusted to reflect the stock split.

iSHARES® TRUST

5. FUTURES CONTRACTS

Each Fund may purchase or sell futures contracts in an effort to help such Fund track its underlying index. A futures contract is a standardized, exchange-traded agreement to buy or sell a financial instrument at a set price on a future date. Upon entering into a futures contract, the Fund is required to pledge to the executing broker which holds segregated from its own assets, an amount of cash, U.S. government securities or other high-quality debt and equity securities equal to the minimum initial margin requirements of the exchange on which the contract is traded. Pursuant to the contract, the Fund agrees to receive from or pay to the broker an amount of cash equal to the daily fluctuation in value of the contract. Such receipts or payments are known as margin variation and are recorded by the Fund as unrealized appreciation or depreciation. When the contract is closed, the Fund records a realized gain or loss equal to the difference between the value of the contract at the time it was opened and the value at the time it was closed. Losses may arise if the value of a futures contract decreases due to an unfavorable change in the market rates or values of the underlying instrument during the term of the contract or if the counterparty does not perform under the contract. The use of futures contracts also involves the risk of an imperfect correlation in the movements in the price of futures contracts and the assets underlying such contracts.

The following table shows the value of futures contracts held as of September 30, 2016 and the related locations in the statements of assets and liabilities, presented by risk exposure category:

Assets						
		iShares		iShares		iShares
		Core S&P		Core S&P	Core S	&P Total U.S.
	Mic	d-Cap ETF	Sm	all-Cap ETF	Sto	ck Market ETF
Equity contracts:						
Variation margin/Net assets consist of – net						
unrealized appreciation ^a	\$	459,318	\$	506,256	\$	38,033
^a Represents cumulative appreciation of futures contracts as reported in the schedule separately within the statements of assets and liabilities.	s of in	nvestments. Or	ily curr		on margin i	
separately within the statements of assets and liabilities.	s of ir	nvestments. Or	ily curr		<u>∸</u> on margin i	
Represents cumulative appreciation of futures contracts as reported in the schedule	s of ir	nvestments. Or	ally curr		en margin i	
separately within the statements of assets and liabilities.	s of ir	nvestments. Or	ily curr	ent day's variatio		s reported
separately within the statements of assets and liabilities.	s of ir	nvestments. Or	ily curr	ent day's variation	Core S	s reported iShares
separately within the statements of assets and liabilities.	s of ir	nvestments. Or	ily curr	ent day's variation iShares Core S&P	Core S	s reported iShares

b Represents cumulative depreciation of futures contracts as reported in the schedules of investments. Only current day's variation margin is reported separately within the statements of assets and liabilities.

iSHARES® TRUST

The following table shows the realized and unrealized gains (losses) on futures contracts held during the six months ended September 30, 2016 and the related locations in the statements of operations, presented by risk exposure category:

	Net Realized Gain (Loss)				
	iShares	iShares	iShares	iShares	
	Core S&P	Core S&P	Core S&P	Core S&P Total U.S.	
	500 ETF	Mid-Cap ETF	Small-Cap ETF	Stock Market ETF	
Equity contracts:					
Futures contracts	<u>\$16,766,918</u>	\$ 5,438,038	\$ 4,201,589	\$ 763,615	
	Net	Change in Unrea	lized Appreciation	Depreciation	
	iShares	iShares	iShares	iShares	
	Core S&P	Core S&P	Core S&P	Core S&P Total U.S.	
	500 ETF	Mid-Cap ETF	Small-Cap ETF	Stock Market ETF	
Equity contracts:					
Futures contracts	\$ (3,520,201)	\$ (1,070,954)	\$ (193,927)	\$ (233,410)	

The following table shows the average quarter-end balances of open futures contracts for the six months ended September 30, 2016:

	iShares	iShares	iShares	iShares
	Core S&P	Core S&P	Core S&P	Core S&P Total U.S.
	500 ETF	Mid-Cap ETF	Small-Cap ETF	Stock Market ETF
Average value of contracts purchased	\$113,049,223	\$ 40,023,133	\$ 22,392,787	\$ 12,660,952

6. PRINCIPAL RISKS

In the normal course of business, each Fund's investment activities expose it to various types of risk associated with the financial instruments and markets in which it invests. The significant types of financial risks each Fund is exposed to include market risk and credit risk. Each Fund's prospectus provides details of these and other types of risk.

BFA uses a "passive" or index approach to try to achieve each Fund's investment objective following the securities included in its underlying index during upturns as well as downturns. BFA does not take steps to reduce market exposure or to lessen the effects of a declining market. Divergence from the underlying index and the composition of the portfolio is monitored by BFA.

MARKET RISK

Market risk arises mainly from uncertainty about future values of financial instruments influenced by price, currency and interest rate movements. It represents the potential loss each Fund may suffer through holding market positions in the face of market movements. Each Fund is exposed to market risk by virtue of its direct and/or indirect investment in equity and financial derivative instruments. The fair value of securities held by the Funds may decline due to general market conditions, economic trends or events that are not specifically related to the issuers of the securities including local, regional or global political, social or economic instability or to factors that affect a particular industry or group of industries. The extent of each Fund's exposure to market risk is the market value of the investments held as shown in the Fund's schedule of investments.

iSHARES® TRUST

A diversified portfolio, where this is appropriate and consistent with a fund's objectives, minimizes the risk that a price change of a particular investment will have a material impact on the NAV of a fund. The investment concentrations within each Fund's portfolio are disclosed in its schedule of investments.

CREDIT RISK

Credit risk is the risk that an issuer or guarantor of debt instruments or the counterparty to a financial transaction, including derivatives contracts, repurchase agreements or loans of portfolio securities, is unable or unwilling to make timely interest and/or principal payments or to otherwise honor its obligations. BFA and its affiliates manage counterparty credit risk by entering into transactions only with counterparties that they believe have the financial resources to honor their obligations and by monitoring the financial stability of those counterparties. Financial assets, which potentially expose the Funds to issuer and counterparty credit risks, consist principally of financial instruments and receivables due from counterparties. The extent of each Fund's exposure to credit and counterparty risks with respect to those financial assets is approximated by their value recorded in its statement of assets and liabilities.

7. INCOME TAX INFORMATION

Each Fund is treated as an entity separate from the Trust's other funds for federal income tax purposes. It is the policy of each Fund to qualify as a regulated investment company by complying with the provisions applicable to regulated investment companies, as defined under Subchapter M of the Internal Revenue Code of 1986, as amended, and to annually distribute substantially all of its ordinary income and any net capital gains (taking into account any capital loss carryforwards) sufficient to relieve it from all, or substantially all, federal income and excise taxes. Accordingly, no provision for federal income taxes is required.

For purposes of U.S. GAAP, in-kind redemptions are treated as sales of securities resulting in realized capital gains or losses to the Funds. Because such gains or losses are not taxable to the Funds and are not distributed to existing Fund shareholders, the gains or losses are reclassified from accumulated net realized gain (loss) to paid-in capital at the end of the Funds' tax year. These reclassifications have no effect on net assets or NAV per share.

The tax character of current year distributions will be determined at the end of the current fiscal year.

As of March 31, 2016, the Funds' fiscal year-end, the following Funds had capital loss carryforwards available to offset future realized capital gains through the indicated expiration dates as follows:

iShares ETF	No Expiri		Expiring 2018	Expiring 2019	Total
Core S&P 500	\$	— \$328,702,036	\$559,115,228	\$79,675,890	\$967,493,154
Core S&P Mid-Cap	180,950,2	33 —	73,714,203	-	254,664,436
Core S&P Small-Cap			70,392,345	_	70,392,345
Core S&P Total U.S. Stock Market		1,314,526	4,869,583	2,298,724	8,482,833

^a Must be utilized prior to losses subject to expiration.

The Funds may own shares in certain foreign investment entities, referred to, under U.S. tax law, as "passive foreign investment companies." The Funds may elect to mark-to-market annually the shares of each passive foreign investment company and would be required to distribute to shareholders any such marked-to-market gains.

iSHARES® TRUST

Management has analyzed tax laws and regulations and their application to the Funds as of September 30, 2016, inclusive of the open tax return years, and does not believe there are any uncertain tax positions that require recognition of a tax liability in the Funds' financial statements.

8. SUBSEQUENT EVENTS

Management has evaluated the impact of all subsequent events on the Funds through the date the financial statements were available to be issued and has determined that there were no subsequent events requiring adjustment or disclosure in the financial statements.

iSHARES® TRUST

I. iShares Core S&P 500 ETF, iShares Core S&P Mid-Cap ETF and iShares Core S&P Small-Cap ETF

Under Section 15(c) of the Investment Company Act of 1940 (the "1940 Act"), the Trust's Board of Trustees (the "Board"), including a majority of Trustees who are not "interested persons" of the Trust (as that term is defined in the 1940 Act) (the "Independent Trustees"), is required annually to consider and approve the Investment Advisory Contract between the Trust and BFA (the "Advisory Contract") on behalf of the Funds. The Independent Trustees requested, and BFA provided, such information as the Independent Trustees, with advice from independent counsel, deemed reasonably necessary to evaluate the Advisory Contract. A committee of all of the Independent Trustees (the "15(c) Committee"), with independent counsel, met with management on April 28, 2016 and May 9, 2016. At these meetings, the 15(c) Committee reviewed and discussed information provided in response to the 15(c) Committee's initial requests, and requested certain additional information, which management agreed to provide. At a meeting held on May 17, 2016, management presented information to the Board relating to the continuance of the Advisory Contract, including information requested by the 15(c) Committee during its meetings. The Board, including the Independent Trustees, reviewed and discussed such information at length. The Independent Trustees requested from management certain additional information, which management agreed to provide. At a meeting held on June 21-23, 2016, the Board, including the Independent Trustees, reviewed the additional information provided by management in response to these requests. After extensive discussions, the Board, including all of the Independent Trustees, approved the continuance of the Advisory Contract for the Funds, based on a review of qualitative and quantitative information provided by BFA, including the additional information management provided at the request of the Independent Trustees. The Board noted its satisfaction with the extent and quality of information provided and its frequent interactions with management, as well as the detailed responses and other information provided by BFA. The Board also noted that the Board and BFA agreed to discuss potential enhancements and adjustments to the 15(c) process for the coming year. The Independent Trustees were advised by their independent counsel throughout the process, including about the legal standards applicable to their review. In approving the Advisory Contract for the Funds, the Board, including the Independent Trustees, considered the following factors, no one of which was controlling, and reached the following conclusions:

Expenses and Performance of the Funds — The Board reviewed statistical information prepared by Broadridge Financial Solutions Inc. ("Broadridge"), an independent provider of investment company data, regarding the expense ratio components, including gross and net total expenses, waivers/reimbursements (if any), and underlying fund fees and expenses (if any) of each Fund in comparison with the same information for other exchange traded funds (including, where applicable, funds sponsored by an "at cost" service provider) and, in the limited instances where no comparable ETFs existed and the comparison group would not otherwise be reasonable in Broadridge's judgment, pure index institutional mutual funds, objectively selected by Broadridge as comprising such Fund's applicable peer group pursuant to Broadridge's proprietary ETF methodology (the "Peer Group"). The Board was provided with a detailed description of Broadridge's proprietary ETF methodology used by Broadridge to determine the applicable Peer Groups. The Board further noted that due to the limitations in providing comparable funds in the various Peer Groups, the statistical information provided in Broadridge's report may or may not provide meaningful direct comparisons to the Funds in all instances.

The Board also noted that the investment advisory fee rates and overall expenses (net of waivers and reimbursements) for the Funds were lower than the median of the investment advisory fee rates and overall expenses (net of waivers and reimbursements) of the funds in their respective Peer Group, excluding iShares funds.

In addition, to the extent that any of the comparison funds included in the Peer Group, excluding iShares funds, track the same index as any particular Fund, Broadridge also provided, and the Board reviewed, a comparison of such Fund's performance for the one-, three-, five-, ten-year, and since inception periods, as applicable, and for the "last quarter" period ended December 31, 2015, to that of such relevant comparison funds for the same periods.

iSHARES® TRUST

The Board noted that each Fund seeks to track its own underlying index and that, during the year, the Board received periodic reports on each Fund's short- and longer-term performance in comparison with its underlying index. Such periodic comparative performance information, including additional detailed information on certain specific iShares funds requested by the Board, was also considered. The Board noted that each Fund generally performed in line with its underlying index over the relevant periods.

Based on this review, the other factors considered at the meeting, and their general knowledge of ETF pricing, the Board concluded that the investment advisory fee rate and expense level and the historical performance of each Fund supported the Board's approval of the continuance of the Advisory Contract for the coming year.

Nature, Extent and Quality of Services Provided by BFA — Based on management's representations, including information about recent and proposed enhancements to the iShares business, including with respect to capital markets support and analysis, product design and other services, the Board expected that there would be no diminution in the scope of services required of or provided by BFA under the Advisory Contract for the coming year as compared to the scope of services provided by BFA during prior years. In reviewing the scope of these services, the Board considered BFA's investment philosophy and experience, noting that BFA and its affiliates have committed significant resources over time, including during the past year, to supporting the iShares funds and their shareholders. The Board also considered BFA's compliance program and its compliance record with respect to the Funds. In that regard, the Board noted that BFA reports to the Board about portfolio management and compliance matters on a periodic basis in connection with regularly scheduled meetings of the Board, and on other occasions as necessary and appropriate, and has provided information and made appropriate officers available as needed to provide further assistance with these matters. The Board also reviewed the background and experience of the persons responsible for the day-to-day management of the Funds, as well as the resources available to them in managing the Funds. In addition to the above considerations, the Board reviewed and considered detailed presentations regarding BFA's investment performance, investment and risk management processes and strategies provided at the June 21-23, 2016 meeting and throughout the previous year, and matters related to BFA's portfolio compliance policies and procedures. The Board noted that each Fund had met its investment objective consistently since its respective inception date.

Based on review of this information, and the performance information discussed above, the Board concluded that the nature, extent and quality of services provided by BFA to the Funds under the Advisory Contract supported the Board's approval of the continuance of the Advisory Contract for the coming year.

Costs of Services Provided to the Funds and Profits Realized by BFA and its Affiliates — The Board reviewed information about the profitability to BlackRock of the Funds, on a Fund-by-Fund basis and in the aggregate, based on the fees payable to BFA and its affiliates (including fees under the Advisory Contract), and all other sources of revenue and expense to BFA and its affiliates from the Funds' operations for the last calendar year. The Board reviewed BlackRock's profitability methodology for the iShares funds, noting that the 15(c) Committee had focused on the methodology and profitability presentation during its meetings. The Board discussed the sources of direct and ancillary revenue with management, including the revenues to BTC from securities lending by the Funds. The Board also discussed BFA's profit margin as reflected in the Funds' profitability analyses and reviewed information regarding potential economies of scale (as discussed below). Based on this review, the Board concluded that the profits realized by BFA and its affiliates under the Advisory Contract and from other relationships between the Funds and BFA and/or its affiliates, if any, were within a reasonable range in light of the factors considered.

Economies of Scale — The Board reviewed information regarding potential economies of scale or other efficiencies that may result from increases in the Funds' assets, noting that the issue of economies of scale had been focused on extensively by the 15(c) Committee during its meetings and addressed by management. The Board and the 15(c) Committee reviewed information provided by BFA regarding scale benefits shared with the iShares funds through relatively low fee rates established at inception, breakpoints, waivers, or other fee reductions, as well as through additional investment in the iShares business and the provision

iSHARES® TRUST

of improved or additional infrastructure and services to the iShares funds and their shareholders. The Board and the 15(c) Committee received information regarding BlackRock's historical profitability, including BFA's and its affiliates' costs in providing services. The cost information distinguished, among other things, between fixed and variable costs, and explained how the level of fixed and variable costs, as well as the nature of such costs, may impact the existence or size of scale benefits. The Board noted that the Advisory Contract for the Funds did not provide for any breakpoints in the Funds' investment advisory fee rates as the assets of the Funds increase. However, the Board noted that should material economies of scale exist in the future that are not otherwise shared, a breakpoint structure for the Funds may be appropriate, and that it would continue to monitor the sharing of economies of scale to determine the appropriateness of adding breakpoints in the future.

Based on this review, as well as the other factors considered at the meeting, the Board, recognizing its responsibility to consider this issue periodically, determined to approve the continuance of the Advisory Contract for the coming year.

Fees and Services Provided for Other Comparable Funds/Accounts Managed by BFA and its Affiliates — The Board received and considered information regarding the investment advisory/management fee rates for other funds/accounts in the U.S. for which BFA (or its affiliates) provides investment advisory/management services, including open-end funds registered under the 1940 Act (including sub-advised funds), collective trust funds, and institutional separate accounts (together, the "Other Accounts"), and acknowledged BFA's assertion that the iShares funds are fundamentally different investment vehicles from the Other Accounts. The Board noted that BFA and its affiliates do manage Other Accounts with substantially the same investment objectives and strategies as the Funds and that track the same respective indexes as the Funds. The Board further noted that BFA provided the Board with detailed information regarding how the Other Accounts (particularly institutional clients) generally differ from the Funds, including in terms of the different and generally more extensive services provided to the Funds, as well as other significant differences. In that regard, the Board considered that the pricing of services to institutional clients is typically based on a number of factors beyond the nature and extent of the specific services to be provided and often depends on the overall relationship between the client and its affiliates and the adviser and its affiliates. In addition, the Board considered the relative complexity and inherent risks and challenges of managing and providing other services to the Funds, as publicly traded exchange traded funds, as compared to the Other Accounts that are institutional clients in light of differing regulatory requirements and client-imposed mandates. The Board also considered the "all-inclusive" nature of the Funds' advisory fee structure, and the Fund expenses borne by BFA under this arrangement. The Board noted that the investment advisory fee rates under the Advisory Contract for the Funds were generally higher than the investment advisory/management fee rates for certain of the Other Accounts (particularly institutional clients) and concluded that the differences appeared to be consistent with the factors discussed.

Other Benefits to BFA and/or its Affiliates — The Board reviewed the "fallout" benefits or ancillary revenue received by BFA and/or its affiliates in connection with the services provided to the Funds by BFA, such as payment of revenue to BTC, the Funds' securities lending agent, for loaning portfolio securities (which was included in the profit margins reviewed by the Board pursuant to BFA's profitability methodology), and payment of advisory fees and/or administration fees to BFA and BTC (or their affiliates) in connection with any investments by the Funds in other funds for which BFA (or its affiliates) provides investment advisory services and/or administration services. The Board noted that BFA generally does not use soft dollars or consider the value of research or other services that may be provided to BFA (including its affiliates) in selecting brokers for portfolio transactions for the Funds. The Board further noted that any portfolio transactions on behalf of the Funds placed through a BFA affiliate or purchased from an underwriting syndicate in which a BFA affiliate participates, are reported to the Board pursuant to Rule 17e-1 or Rule 10f-3, as applicable, under the 1940 Act. The Board concluded that any such ancillary benefits would not be disadvantageous to the Funds' shareholders and thus would not alter the Board's conclusion with respect to the appropriateness of approving the continuance of the Advisory Contract for the coming year.

iSHARES® TRUST

Based on the considerations described above, the Board determined that each Fund's investment advisory fee rate under the Advisory Contract does not constitute a fee that is so disproportionately large as to bear no reasonable relationship to the services rendered and that could not have been the product of arm's-length bargaining, and concluded that it is in the best interest of each Fund and its shareholders to approve the continuance of the Advisory Contract for the coming year.

II. iShares Core S&P Total U.S. Stock Market ETF

Under Section 15(c) of the Investment Company Act of 1940 (the "1940 Act"), the Trust's Board of Trustees (the "Board"), including a majority of Trustees who are not "interested persons" of the Trust (as that term is defined in the 1940 Act) (the "Independent Trustees"), is required annually to consider and approve the Investment Advisory Contract between the Trust and BFA (the "Advisory Contract") on behalf of the Fund. The Independent Trustees requested, and BFA provided, such information as the Independent Trustees, with advice from independent counsel, deemed reasonably necessary to evaluate the Advisory Contract. A committee of all of the Independent Trustees (the "15(c) Committee"), with independent counsel, met with management on April 28, 2016 and May 9, 2016. At these meetings, the 15(c) Committee reviewed and discussed information provided in response to the 15(c) Committee's initial requests, and requested certain additional information, which management agreed to provide. At a meeting held on May 17, 2016, management presented information to the Board relating to the continuance of the Advisory Contract, including information requested by the 15(c) Committee during its meetings. The Board. including the Independent Trustees, reviewed and discussed such information at length. The Independent Trustees requested from management certain additional information, which management agreed to provide. At a meeting held on June 21-23, 2016, the Board, including the Independent Trustees, reviewed the additional information provided by management in response to these requests. After extensive discussions, the Board, including all of the Independent Trustees, approved the continuance of the Advisory Contract for the Fund, based on a review of qualitative and quantitative information provided by BFA, including the additional information management provided at the request of the Independent Trustees. The Board noted its satisfaction with the extent and quality of information provided and its frequent interactions with management, as well as the detailed responses and other information provided by BFA. The Board also noted that the Board and BFA agreed to discuss potential enhancements and adjustments to the 15(c) process for the coming year. The Independent Trustees were advised by their independent counsel throughout the process, including about the legal standards applicable to their review. In approving the Advisory Contract for the Fund, the Board, including the Independent Trustees, considered the following factors, no one of which was controlling, and reached the following conclusions:

Expenses and Performance of the Fund — The Board reviewed statistical information prepared by Broadridge Financial Solutions Inc. ("Broadridge"), an independent provider of investment company data, regarding the expense ratio components, including gross and net total expenses, waivers/reimbursements (if any), and underlying fund fees and expenses (if any) of the Fund in comparison with the same information for other exchange traded funds (including, where applicable, funds sponsored by an "at cost" service provider) and, in the limited instances where no comparable ETFs existed and the comparison group would not otherwise be reasonable in Broadridge's judgment, pure index institutional mutual funds, objectively selected by Broadridge as comprising the Fund's applicable peer group pursuant to Broadridge's proprietary ETF methodology (the "Peer Group"). The Board was provided with a detailed description of Broadridge's proprietary ETF methodology used by Broadridge to determine the Fund's Peer Group. The Board further noted that due to the limitations in providing comparable funds in the Peer Group, the statistical information provided in Broadridge's report may or may not provide meaningful direct comparisons to the Fund in all instances.

The Board also noted that the investment advisory fee rate and overall expenses (net of waivers and reimbursements) for the Fund were lower than the median of the investment advisory fee rates and overall expenses (net of waivers and reimbursements) of the funds in its Peer Group, excluding iShares funds.

iSHARES® TRUST

In addition, to the extent that any of the comparison funds included in the Peer Group, excluding iShares funds, track the same index as the Fund, Broadridge also provided, and the Board reviewed, a comparison of the Fund's performance for the one-, three-, five-, ten-year, and since inception periods, as applicable, and for the "last quarter" period ended December 31, 2015, to that of such relevant comparison funds for the same periods.

The Board noted that the Fund seeks to track its own underlying index and that, during the year, the Board received periodic reports on the Fund's short- and longer-term performance in comparison with its underlying index. Such periodic comparative performance information, including additional detailed information on certain specific iShares funds requested by the Board, was also considered. The Board noted that the Fund generally performed in line with its underlying index over the relevant periods.

Based on this review, the other factors considered at the meeting, and their general knowledge of ETF pricing, the Board concluded that the investment advisory fee rate and expense level and the historical performance of the Fund supported the Board's approval of the continuance of the Advisory Contract for the coming year.

Nature, Extent and Quality of Services Provided by BFA — Based on management's representations, including information about recent and proposed enhancements to the iShares business, including with respect to capital markets support and analysis, product design and other services, the Board expected that there would be no diminution in the scope of services required of or provided by BFA under the Advisory Contract for the coming year as compared to the scope of services provided by BFA during prior years. In reviewing the scope of these services, the Board considered BFA's investment philosophy and experience, noting that BFA and its affiliates have committed significant resources over time, including during the past year, to supporting the iShares funds and their shareholders. The Board also considered BFA's compliance program and its compliance record with respect to the Fund. In that regard, the Board noted that BFA reports to the Board about portfolio management and compliance matters on a periodic basis in connection with regularly scheduled meetings of the Board, and on other occasions as necessary and appropriate, and has provided information and made appropriate officers available as needed to provide further assistance with these matters. The Board also reviewed the background and experience of the persons responsible for the day-to-day management of the Fund, as well as the resources available to them in managing the Fund. In addition to the above considerations, the Board reviewed and considered detailed presentations regarding BFA's investment performance, investment and risk management processes and strategies provided at the June 21-23, 2016 meeting and throughout the previous year, and matters related to BFA's portfolio compliance policies and procedures. The Board noted that the Fund had met its investment objective consistently since its inception date.

Based on review of this information, and the performance information discussed above, the Board concluded that the nature, extent and quality of services provided by BFA to the Fund under the Advisory Contract supported the Board's approval of the continuance of the Advisory Contract for the coming year.

Costs of Services Provided to the Fund and Profits Realized by BFA and its Affiliates — The Board reviewed information about the profitability to BlackRock of the Fund, based on the fees payable to BFA and its affiliates (including fees under the Advisory Contract), and all other sources of revenue and expense to BFA and its affiliates from the Funds' operations for the last calendar year. The Board reviewed BlackRock's profitability methodology for the iShares funds, noting that the 15(c) Committee had focused on the methodology and profitability presentation during its meetings. The Board discussed the sources of direct and ancillary revenue with management, including the revenues to BTC from securities lending by the Fund. The Board also discussed BFA's profit margin as reflected in the Fund's profitability analysis and reviewed information regarding potential economies of scale (as discussed below). Based on this review, the Board concluded that the profits realized by BFA and its affiliates under the Advisory Contract and from other relationships between the Fund and BFA and/or its affiliates, if any, were within a reasonable range in light of the factors considered.

iSHARES® TRUST

Economies of Scale — The Board reviewed information regarding potential economies of scale or other efficiencies that may result from increases in the Fund's assets, noting that the issue of economies of scale had been focused on extensively by the 15(c) Committee during its meetings and addressed by management. The Board and the 15(c) Committee reviewed information provided by BFA regarding scale benefits shared with the iShares funds through relatively low fee rates established at inception, breakpoints, waivers, or other fee reductions, as well as through additional investment in the iShares business and the provision of improved or additional infrastructure and services to the iShares funds and their shareholders. The Board and the 15(c) Committee received information regarding BlackRock's historical profitability, including BFA's and its affiliates' costs in providing services. The cost information distinguished, among other things, between fixed and variable costs, and explained how the level of fixed and variable costs, as well as the nature of such costs, may impact the existence or size of scale benefits. The Board noted that the Advisory Contract for the Fund did not provide for any breakpoints in the Fund's investment advisory fee rate as the assets of the Fund increase. However, the Board noted that should material economies of scale exist in the future that are not otherwise shared, a breakpoint structure for the Fund may be appropriate, and that it would continue to monitor the sharing of economies of scale to determine the appropriateness of adding breakpoints in the future.

Based on this review, as well as the other factors considered at the meeting, the Board, recognizing its responsibility to consider this issue periodically, determined to approve the continuance of the Advisory Contract for the coming year.

Fees and Services Provided for Other Comparable Funds/Accounts Managed by BFA and its Affiliates — The Board received and considered information regarding the investment advisory/management fee rates for other funds/accounts in the U.S. for which BFA (or its affiliates) provides investment advisory/management services, including open-end funds registered under the 1940 Act (including sub-advised funds), collective trust funds, and institutional separate accounts (together, the "Other Accounts"), and acknowledged BFA's assertion that the iShares funds are fundamentally different investment vehicles from the Other Accounts. The Board noted that BFA and its affiliates do not manage Other Accounts with substantially the same investment objective and strategy as the Fund and that track the same index as the Fund. The Board further noted that BFA provided the Board with detailed information regarding how the Other Accounts (particularly institutional clients) generally differ from the Fund, including in terms of the different and generally more extensive services provided to the Fund, as well as other significant differences. In that regard, the Board considered that the pricing of services to institutional clients is typically based on a number of factors beyond the nature and extent of the specific services to be provided and often depends on the overall relationship between the client and its affiliates and the adviser and its affiliates. In addition, the Board considered the relative complexity and inherent risks and challenges of managing and providing other services to the Fund, as a publicly traded exchange traded fund, as compared to the Other Accounts that are institutional clients in light of differing regulatory requirements and client-imposed mandates. The Board also considered the "all-inclusive" nature of the Fund's advisory fee structure, and the Fund expenses borne by BFA under this arrangement. The Board noted that the investment advisory fee rate under the Advisory Contract for the Fund was generally higher than the investment advisory/management fee rates for certain of the Other Accounts (particularly institutional clients) and concluded that the differences appeared to be consistent with the factors discussed.

Other Benefits to BFA and/or its Affiliates — The Board reviewed the "fallout" benefits or ancillary revenue received by BFA and/or its affiliates in connection with the services provided to the Fund by BFA, such as payment of revenue to BTC, the Fund's securities lending agent, for loaning portfolio securities (which was included in the profit margins reviewed by the Board pursuant to BFA's profitability methodology), and payment of advisory fees and/or administration fees to BFA and BTC (or their affiliates) in connection with any investments by the Fund in other funds for which BFA (or its affiliates) provides investment advisory services and/or administration services. The Board noted that BFA generally does not use soft dollars or consider the value of research or other services that may be provided to BFA (including its affiliates) in selecting brokers for portfolio transactions for the Fund. The Board further noted that any portfolio transactions on behalf of the Fund placed through a BFA affiliate or purchased from an underwriting syndicate in which a BFA affiliate participates, are reported to the Board pursuant to Rule 17e-1 or Rule 10f-3, as applicable, under the 1940 Act. The Board concluded that any such ancillary benefits would not be disadvantageous to the Fund's

iSHARES® TRUST

shareholders and thus would not alter the Board's conclusion with respect to the appropriateness of approving the continuance of the Advisory Contract for the coming year.

Based on the considerations described above, the Board determined that the Fund's investment advisory fee rate under the Advisory Contract does not constitute a fee that is so disproportionately large as to bear no reasonable relationship to the services rendered and that could not have been the product of arm's-length bargaining, and concluded that it is in the best interest of the Fund and its shareholders to approve the continuance of the Advisory Contract for the coming year.

Supplemental Information (Unaudited)

iSHARES® TRUST

Section 19(a) Notices

The amounts and sources of distributions reported are estimates and are provided pursuant to regulatory requirements and are not being provided for tax reporting purposes. The actual amounts and sources for tax reporting purposes will depend upon each Fund's investment experience during the year and may be subject to changes based on the tax regulations. Shareholders will receive a Form 1099-DIV each calendar year that will inform them how to report these distributions for federal income tax purposes.

	Total Cumulative Distributions for the Fiscal Year-to-Date				% Breakdo Distributions				
			Net				Net		
	Net	Rea	lized	Return	Total	Net	Realized	Return	Total
	Investment	Cá	apital	of	Per	Investment	Capital	of	Per
iShares ETF	Income	G	ains	Capital	Share	Income	Gains	Capital	Share
Core S&P 500	\$2.083030	\$	_	\$0.017907	\$2.100937	99%	— %	1%	100%
Core S&P Mid-Cap	1.254789		_	0.060108	1.314897	95	_	5	100
Core S&P Small-Cap	0.680641		_	0.029778	0.710419	96	_	4	100
Core S&P Total U.S.									
Stock Market	0.455039		_	0.006644	0.461683	99	_	1	100

Supplemental Information 59

Notes:

Notes:

Notes 61

Notes:

For more information visit www.iShares.com or call 1-800-474-2737
This report is intended for the Funds' shareholders. It may not be distributed to prospective investors unless it is preceded or accompanied by the current prospectus.
Investing involves risk, including possible loss of principal.
The iShares Funds are distributed by BlackRock Investments, LLC (together with its affiliates, "BlackRock").
The iShares Funds are not sponsored, endorsed, issued, sold or promoted by S&P Dow Jones Indices LLC, nor does this company make any representation regarding the advisability of investing in the iShares Funds. BlackRock is not affiliated with the company listed above.

A description of the policies that the Funds use to determine how to vote proxies relating to portfolio securities and information about how the Funds voted proxies relating to portfolio securities during the most recent twelve-month period ending June 30 is available without charge, upon request, by calling tollfree 1-800-474-2737; on the Funds' website at www.iShares.com; and on the U.S. Securities and Exchange Commission (SEC) website at www.sec.gov.

The Funds file their complete schedules of portfolio holdings with the SEC for the first and third quarters of each fiscal year on Form N-Q. The Funds' Forms N-Q are available on the SEC's website or may be reviewed and copied at the SEC's Public Reference Room in Washington, D.C. Information on the operation of the Public Reference Room may be obtained by calling 1-800-SEC-0330. The Funds also disclose their complete schedules of portfolio holdings on a daily basis on the Funds' website.

The Funds' complete schedules of portfolio holdings for this report are also available without charge, upon request, by calling toll-free 1-800-474-2737.

©2016 BlackRock, Inc. All rights reserved. iSHARES and BLACKROCK are registered trademarks of BlackRock, Inc. or its subsidiaries. All other marks are the property of their respective owners.



