

ETF Reference Guide

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A Tale Of Few Regions

First-half volatility produced winners and losers in the global investing landscape.

TO STEAL FROM CHARLES Dickens, the first half of 2018 turned out to be a “Tale of Few Regions.” Why? Because most global equity markets were in negative territory and there were few regional leaders performance-wise.

A glimpse of exchange-traded funds linked to stocks on major continents is very telling. The iShares MSCI Australia ETF (EWA), the iShares Latin America 40 ETF (ILF), the Vanguard FTSE Europe ETF (VGK), the Vanguard FTSE Pacific ETF (VPL) and the VanEck Vectors Africa Index ETF (AFK) were down between 1.8% to 12.9% during this year’s first half.

In contrast, the U.S. stock market has bucked the rest of the globe’s downtrend. The Schwab U.S. Broad Market ETF (SCHB), for example, eked out 3.1% during the first six months. Will U.S. stocks be able to lift other global markets higher or risk being dragged down? We’ll find out soon enough.

Behind the strong relative performance of U.S. stocks, there have been sizzling gains in the Technology Select Sector SPDR Fund (XLK) and the Consumer Discretionary Select Sector SPDR Fund (XLY), which were up 9.4% and 11.4%, respectively. Combined, these two sectors accounted for a whopping 41% of the S&P 500’s weighting. The Energy Select Sector SPDR Fund (XLE) was another bright spot with a gain of 6.6%.

Trade tensions between the U.S. and key trading partners like China continue to prompt

stock market volatility. On the heels of 2017, which was one of the least volatile years in decades, this year has been quite the opposite. During the first six months, the CBOE Volatility Index, or VIX, gained more than 45%. Meanwhile, geopolitical uncertainties are keeping markets on edge.

Among the other major asset classes, commodities have rebounded after several years of disappointing performance. The United States Commodity Index Fund (USCI), which tracks a basket of 14 different commodities futures contracts, gained 2.8% in the first half and is being boosted by a resurgence in energy commodities like crude oil. In the metals complex, the SPDR Gold Shares (GLD) and iShares Silver Trust (SLV) lost 4% and 5%, respectively.

After lifting short-term interest rates by a quarter percentage point in June, the Federal Reserve indicated that two more rate hikes could be on the horizon for the remainder of 2018. The upward trajectory of interest rates has kept a lid on rate-sensitive groups such as bonds, home builders, real estate investment trusts and utilities.

During the second quarter, 39 new exchange-traded products were launched, and market conditions remain mostly favorable for new products.

Ron DeLegge
Editor-at-Large



Performance
% Return as of 6/29/2018

FUND (Ranked By 1-Year Return)	TICKER	YTD	1-YR RETURN	3-YR ANNUAL	AUM (\$MM)
U.S. MULTI CAP STOCKS					
ARK Web x.0 ETF	ARKW	20.43	60.78	36.45	630
First Trust Dow Jones Internet Index	FDN	25.27	45.51	27.40	8,823
Invesco Dynamic Energy Exploration & Prod.	PXE	18.93	44.39	1.80	99
iShares U.S. Oil & Gas Exploration & Prod.	IEO	14.98	38.07	3.29	516
SPDR S&P Oil & Gas Exploration & Prod.	XOP	16.24	36.90	-1.46	3,096
Fidelity MSCI Information Technology Ind	FTEC	11.12	30.40	21.49	2,086
Vanguard Information Technology ETF	VTG	10.64	29.94	21.31	20,372
Innovator IBD 50 Fund	FFTY	5.79	29.54	12.48	442
SPDR S&P Health Care Equipment ETF	XHE	21.46	29.16	21.35	465
First Trust Technology AlphaDEX Fund	FXL	9.73	29.15	17.60	1,956
iShares U.S. Technology ETF	IYW	9.99	28.53	20.82	4,073
First Trust Energy AlphaDEX Fund	FXN	9.65	28.31	-4.01	399
iShares PHLX Semiconductor ETF	SOXX	5.54	27.78	26.26	1,506
SPDR S&P Aerospace & Defense ETF	XAR	4.52	25.73	16.67	1,272
iShares Edge MSCI USA Momentum Factor	MTUM	6.97	24.79	16.88	9,204
Invesco Dynamic Semiconductors ETF	PSI	3.65	24.54	25.63	326
iShares U.S. Aerospace & Defense ETF	ITA	2.77	24.38	18.52	5,293
Vanguard Energy ETF	VDE	7.54	22.83	2.95	4,432
Vanguard Russell 1000 Growth ETF	VONG	7.12	22.60	14.93	1,853
Fidelity MSCI Consumer Discret. ETF	FDIS	10.09	22.58	13.19	602
Fidelity MSCI Energy Index ETF	FENY	7.28	22.55	2.48	652
iShares Russell 1000 Growth ETF	IWF	7.08	22.55	14.92	42,277
iShares U.S. Energy ETF	IYE	7.18	22.33	2.59	1,042
First Trust Amex Biotechnology Index	FBT	12.39	22.07	4.93	1,617
SPDR S&P Biotech ETF	XBI	12.30	21.95	6.06	5,216
SPDR S&P Retail ETF	XRT	8.15	21.78	0.94	444
iShares US Broker-Dealers ETF	IAI	2.72	21.65	15.81	442
Vanguard Consumer Discretionary ETF	VCR	9.37	21.64	12.88	2,881
Invesco Aerospace & Defense ETF	PPA	2.22	21.35	17.31	972
iShares U.S. Medical Devices ETF	IHI	15.72	21.26	19.66	2,378
First Trust US IPO Index Fund	FPX	5.10	20.92	10.46	1,157
SPDR S&P Metals & Mining ETF	XME	-1.36	20.63	14.17	855
iShares Core S&P U.S. Growth ETF	IUSG	7.00	20.48	13.90	4,530
Oppenheimer Ultra Dividend Revenue ETF	RDIV	6.49	19.50	14.66	612
Invesco DWA Momentum ETF	PDP	7.25	18.99	9.37	1,704
iShares U.S. Healthcare Providers ETF	IHF	12.12	18.75	7.44	588
SPDR S&P Semiconductor ETF	XSD	3.90	17.01	19.73	318
Vanguard Extended Market VIPERs ETF	VXF	6.07	16.81	10.49	6,434
First Trust Consumer Discretionary Alpha	FXD	1.18	16.25	6.16	416
iShares U.S. Financial Services ETF	IYG	0.04	15.83	13.09	1,620
SPDR S&P 1000 ETF	SPMD	5.28	15.31	9.98	778
SPDR Portfolio Total Stock Market ETF	SPTM	3.10	15.28	11.66	2,197
First Trust ISE-Revere Nat. Gas Index ETF	FCG	3.12	15.05	-19.17	149
iShares MSCI KLD 400 Social ETF	DSI	3.47	15.05	11.59	1,090
iShares Core S&P Total U.S. Stock Market	ITOT	3.10	15.00	12.00	14,511
Vanguard Total Stock Market ETF	VTI	3.18	15.00	11.69	97,446
iShares Edge MSCI USA Value Factor ETF	VLUE	-0.09	14.99	10.58	3,527
Schwab U.S. Broad Market ETF	SCHB	3.14	14.92	11.63	12,271
iShares Russell 3000 ETF	IWV	3.03	14.74	11.54	9,332
iShares U.S. Home Construction ETF	ITB	-12.53	14.67	12.06	1,227
iShares Edge MSCI USA Quality Factor ETF	QUAL	1.58	14.63	11.96	5,504
iShares Russell 1000 ETF	IWB	2.71	14.55	11.60	20,282
SPDR Portfolio Large Cap ETF	SPLG	2.74	14.31	11.63	1,345

Performance
% Return as of 6/29/2018

FUND (Ranked By 1-Year Return)	TICKER	YTD	1-YR RETURN	3-YR ANNUAL	AUM (\$MM)
WisdomTree U.S. Dividend Growth Fund	DGRW	-0.12	14.22	12.14	2,196
iShares Edge MSCI Multifactor USA ETF	LRGF	1.37	13.58	10.63	1,071
Invesco Russell 1000 Equal Weight ETF	EQAL	2.53	13.46	9.64	429
FlexShares Quality Dividend Index Fund	QDF	1.70	13.42	11.37	1,764
iShares U.S. Basic Materials ETF	IYM	-2.36	13.17	9.06	658
Schwab US Dividend Equity ETF	SCHD	-2.38	12.68	11.95	7,418
Vanguard Dividend Appreciation ETF	VIG	0.55	12.51	11.28	27,576
iShares U.S. Oil Equipment & Services	IEZ	2.21	12.31	-6.65	312
First Trust Industrials/Producer Durable	FXR	-3.32	12.25	10.27	1,507
SPDR S&P Regional Banking ETF	KRE	4.38	12.18	13.23	5,414
iShares Core Dividend Growth ETF	DGRO	-0.33	12.12	12.42	3,695
First Trust Financials AlphaDEX Fund	FXO	0.89	11.63	11.70	1,187
iShares U.S. Industrials ETF	IYJ	-1.88	11.46	12.58	1,020
VanEck Vectors Morningstar Wide Moat ETF	MOAT	2.61	11.43	14.28	1,407
SPDR S&P Oil & Gas Equipment & Services	XES	-0.65	11.33	-12.10	403
iShares Edge MSCI Min Vol USA ETF	USMV	1.73	11.01	11.98	14,677
First Trust Health Care AlphaDEX Fund	FXH	6.33	10.97	2.82	1,002
iShares U.S. Financials ETF	IYF	-1.08	10.66	11.39	2,004
Fidelity Dividend ETF for Rising Rates	FDRR	0.32	10.59	N/A	330
Invesco KBW Bank ETF	KBWB	-1.82	10.59	12.53	1,045
Vanguard Materials ETF	VAW	-3.01	10.59	9.41	2,719
Fidelity MSCI Materials Index ETF	FMAT	-2.95	10.48	9.31	241
First Trust Materials AlphaDEX Fund	FXZ	-4.21	9.93	10.92	307
Vanguard Financials ETF	VFH	-2.85	9.76	13.03	7,980
Vanguard High Dividend Yield ETF	VYM	-1.56	9.66	10.59	20,759
SPDR S&P Dividend ETF	SDY	-0.64	9.64	11.90	15,361
iShares Select Dividend ETF	DVY	0.81	9.62	12.72	16,831
Fidelity MSCI Financials Index ETF	FNCL	-2.94	9.60	12.98	1,519
iShares U.S. Regional Banks ETF	IAT	0.48	9.54	12.34	880
SPDR S&P Bank ETF	KBE	0.28	9.52	11.03	3,631
Fidelity MSCI Industrials Index ETF	FIDU	-3.40	9.49	11.64	449
Vanguard Healthcare ETF	VHT	3.90	9.32	6.22	7,314
Fidelity MSCI Health Care Index ETF	FHLC	3.96	9.31	6.21	1,165
First Trust Nasdaq Bank ETF	FTXO	-2.38	9.14	N/A	1,316
First Trust NASDAQ ABA Community Bank	QABA	5.05	8.98	13.06	386
Invesco High Yield Equity Div. Achievers	PEY	0.77	8.55	14.05	755
Vanguard Industrial ETF	VIS	-3.88	8.37	11.49	3,579
iShares U.S. Healthcare ETF	IYH	2.86	8.34	5.68	1,880
iShares Core S&P U.S. Value ETF	IUSV	-1.93	8.05	8.88	3,897
O'Shares FTSE US Quality Dividend ETF	OUSQA	-2.60	7.82	N/A	414
Invesco BuyBack Achievers™ ETF	PKW	-3.36	7.04	6.69	1,257
iShares Russell 1000 Value ETF	IWD	-1.82	6.78	8.14	36,056
iShares Core High Dividend ETF	HDV	-3.92	6.11	8.64	5,690
First Trust Value Line Dividend Index	FVD	-0.80	6.01	11.41	4,078
First Trust Morningstar Dividend Leaders	FDL	-3.33	5.40	11.42	1,455
SPDR S&P Homebuilders ETF	XHB	-10.26	4.72	3.46	835
Global X SuperDividend U.S. ETF	DIV	0.56	4.69	5.07	396
Vanguard Utilities ETF	VPU	1.09	4.67	12.39	2,620
Fidelity MSCI Utilities Index ETF	FUTY	0.95	4.65	12.27	300
First Trust Consumer Staples AlphaDEX	FXG	-2.68	4.39	3.68	344
Tortoise North American Pipeline Fund	TPYP	1.94	4.35	N/A	150
iShares U.S. Utilities ETF	IDU	0.84	4.00	11.83	594
Invesco KBW High Dividend Yield Fincl.	KBWD	2.19	3.62	7.53	329
Invesco Dynamic Building & Construction	PKB	-11.90	3.57	9.15	235

Performance
% Return as of 6/29/2018

FUND (Ranked By 1-Year Return)	TICKER	YTD	1-YR RETURN	3-YR ANNUAL	AUM (\$MM)
Legg Mason Low Volatility High Dividend	LVHD	-3.62	3.29	N/A	592
SPDR S&P Insurance ETF	KIE	-2.13	2.94	11.53	706
SPDR S&P Pharmaceuticals ETF	XPH	-0.95	0.20	-8.58	335
First Trust Utilities AlphaDEX Fund	FXU	1.88	-0.22	9.28	257
VanEck Vectors BDC Income ETF	BIZD	2.66	-0.57	6.73	192
First Trust North American Energy Infra.	EMLP	-3.32	-1.38	1.05	2,219
Vanguard Consumer Staples ETF	VDC	-6.84	-2.01	5.50	3,840
Fidelity MSCI Consumer Staples Index ETF	FSTA	-7.71	-2.62	5.26	257
JPMorgan Alerian MLP Index ETN	AMJ	0.22	-3.09	-6.35	3,163
ETRACS Alerian MLP Index ETN	AMU	-1.31	-4.72	-6.87	290
UBS E-TRACS Alerian MLP Infra. ETN	MLPI	-1.97	-7.27	-7.50	1,502
Alerian MLP ETF	AMLP	-2.60	-7.57	-6.06	10,026
Global X MLP ETF	MLPA	-3.17	-8.19	-6.72	896
iShares U.S. Telecommunications ETF	IYZ	-4.88	-11.72	0.68	495
U.S. LARGE CAP STOCKS					
Technology Select Sector SPDR Fund	XLK	9.36	28.62	20.85	21,585
Invesco S&P 500® Equal Weight Technology	RYT	11.20	27.66	21.93	1,751
VanEck Vectors Semiconductor ETF	SMH	4.97	26.64	25.40	1,137
Consumer Discret. Select Sector SPDR	XLY	11.37	24.13	14.46	13,783
iShares Russell Top 200 Growth ETF	IWY	7.36	23.53	16.38	1,069
Invesco S&P 500® Pure Growth ETF	RPG	9.65	22.54	13.00	2,508
Invesco S&P 500® Equal Weight Energy ETF	RYE	7.94	22.00	1.33	281
Energy Select Sector SPDR Fund	XLE	6.57	21.52	3.57	19,382
Schwab U.S. Large-Cap Growth ETF	SCHG	7.62	21.34	13.57	6,165
First Trust Large Cap Growth AlphaDEX	FTC	7.96	21.14	11.56	874
SPDR Portfolio S&P 500 Growth ETF	SPYG	7.11	20.78	14.42	2,651
Vanguard Mega Cap Growth ETF	MGK	7.49	20.65	14.55	3,833
iShares S&P 500 Growth ETF	IVW	7.07	20.60	14.39	20,993
Vanguard S&P 500 Growth ETF	VOOG	7.10	20.54	14.37	2,112
Vanguard Growth ETF	VUG	7.07	19.47	13.48	35,394
Invesco S&P 500® High Beta ETF	SPHB	2.01	17.95	10.38	202
SPDR Dow Jones Industrial Average ETF	DIA	-0.91	16.57	13.98	20,946
Goldman Sachs ActiveBeta U.S. Large Cap	GSLC	3.44	16.10	N/A	3,406
Schwab U.S. Large-Cap ETF	SCHX	2.78	14.72	11.83	12,660
Vanguard S&P 500 ETF	VOO	2.65	14.71	12.05	90,948
Vanguard Large Cap ETF	VV	2.67	14.64	11.82	12,784
iShares Core S&P 500 ETF	IVV	2.51	14.52	11.97	148,457
SPDR S&P 500 ETF	SPY	2.52	14.50	11.93	259,420
iShares S&P 100 ETF	OEF	1.79	14.22	11.94	4,664
VictoryShares US 500 Enhanced Volatility	CFO	1.79	13.93	11.94	951
VictoryShares US 500 Volatility Weighted	CFA	1.86	13.92	11.91	568
First Trust Capital Strength ETF	FTCS	0.77	13.69	12.16	938
John Hancock Multi-Factor Large Cap ETF	JHML	1.88	13.53	N/A	437
First Trust Large Cap Core AlphaDEX Fund	FEX	1.85	13.14	10.45	1,477
Schwab Fundamental U.S. Large Company	FNDX	0.68	12.99	10.25	4,330
First Trust NASDAQ Rising Dividend Ach.	RDVY	0.91	12.69	13.17	538
Invesco S&P 500® Pure Value ETF	RPV	0.11	12.58	9.27	891
Invesco S&P 500® Equal Weight ETF	RSP	1.67	12.17	10.24	14,953
Oppenheimer Large Cap Revenue ETF	RWL	-0.45	11.76	9.62	919
Invesco FTSE RAFI US 1000 ETF	PRF	0.01	11.30	9.81	5,123
SPDR Portfolio S&P 500 High Dividend ETF	SPYD	1.56	10.99	N/A	567
ProShares S&P 500 Aristocrats	NOBL	-1.62	10.81	10.41	3,460
Materials Select Sector SPDR ETF	XLB	-3.25	10.55	8.52	4,496
Vanguard Value ETF	VTI	-1.18	10.48	10.40	38,728

Performance
% Return as of 6/29/2018

FUND (Ranked By 1-Year Return)	TICKER	YTD	1-YR RETURN	3-YR ANNUAL	AUM (\$MM)
iShares Transportation Average ETF	IYT	-2.19	10.31	9.95	829
Vanguard Mega Cap Value ETF	MGV	-1.53	10.18	10.33	1,946
Invesco S&P 500® Quality ETF	SPHQ	-0.77	9.85	11.26	1,317
Financial Select Sector SPDR Fund	XLF	-3.97	9.51	12.53	29,753
VanEck Vectors Oil Services ETF	OIH	0.84	9.28	-6.80	1,582
Invesco S&P 500® Equal Weight Financials	RYF	-3.19	8.96	13.15	417
Schwab U.S. Large-Cap Value ETF	SCHV	-1.58	8.73	10.18	4,329
Invesco S&P 500® Low Volatility ETF	SPLV	0.35	8.64	11.39	7,019
ALPS Sector Dividend Dogs ETF	SDOG	-1.04	8.28	10.42	2,217
Industrial Select Sector SPDR Fund	XLI	-4.58	7.96	12.10	11,706
iShares S&P 500 Value ETF	IVE	-2.40	7.60	8.72	14,625
SPDR Portfolio S&P 500 Value ETF	SPYV	-2.24	7.52	8.76	1,351
Health Care Select Sector SPDR Fund	XLV	1.67	6.75	5.64	15,062
First Trust Large Cap Value AlphaDEX Fund	FTA	-3.31	6.56	9.29	1,049
Invesco S&P 500® High Dividend Low Vol.	SPHD	-1.23	5.99	13.05	2,614
Utilities Select Sector SPDR Fund	XLU	0.28	3.23	11.45	7,704
Invesco Dynamic Large Cap Value ETF	PWV	-7.23	0.54	7.72	1,312
Consumer Staples Select Sector SPDR Fund	XLP	-8.22	-3.49	5.34	8,558
U.S. MID CAP STOCKS					
iShares Russell Midcap Growth ETF	IWP	5.28	18.69	10.67	8,903
SPDR S&P 400 Mid Cap Growth ETF	MDYG	4.68	15.79	11.15	1,213
Vanguard S&P Mid-Cap 400 Growth ETF	IVOG	4.65	15.76	11.30	829
Schwab US Mid-Cap ETF	SCHM	3.61	15.67	10.47	4,852
iShares S&P MidCap 400 Growth ETF	IJK	4.60	15.66	11.21	8,103
Vanguard Mid-Cap Growth ETF	VOT	5.59	15.32	9.29	5,630
WisdomTree US MidCap Earnings ETF	EZM	1.77	13.70	9.85	1,109
iShares Core S&P Mid-Cap ETF	IJH	3.46	13.69	10.89	46,874
SPDR S&P MidCap 400 ETF	MDY	3.32	13.37	10.64	20,507
John Hancock Multi-Factor Mid Cap ETF	JHMM	2.55	13.03	N/A	377
WisdomTree US MidCap Dividend ETF	DON	2.34	12.67	12.06	3,252
iShares Russell Midcap ETF	IWR	2.27	12.49	9.48	17,502
Vanguard Mid-Cap Index ETF	VO	2.55	12.43	9.35	23,176
Invesco S&P MidCap Low Volatility ETF	XMLV	4.52	11.17	14.36	1,344
iShares S&P MidCap 400 Value ETF	IJJ	2.10	11.06	9.79	5,914
SPDR S&P 400 Mid Cap Value ETF	MDYV	2.14	11.05	9.88	767
Vanguard Mid-Cap Value ETF	VOE	-0.06	9.74	9.41	8,760
iShares Russell Midcap Value ETF	IWS	-0.31	7.66	8.60	10,858
U.S. SMALL/MICRO CAP STOCKS					
Invesco S&P SmallCap Health Care ETF	PSCH	30.42	46.73	22.09	758
Invesco S&P SmallCap Energy ETF	PSCE	10.23	28.46	-13.48	70
SPDR S&P 600 Small Cap Growth ETF	SLYG	11.60	22.50	14.39	1,991
iShares S&P SmallCap 600 Growth ETF	IJT	11.45	22.33	14.28	6,198
iShares Russell 2000 Growth ETF	IWO	9.62	21.93	11.05	10,850
Vanguard Small Cap Growth ETF	VBK	9.60	21.72	10.85	8,336
iShares Core S&P Small-Cap ETF	IJR	9.31	20.48	13.86	42,961
WisdomTree US SmallCap Earnings ETF	EES	7.65	18.80	12.59	702
SPDR Portfolio Small Cap ETF	SPSM	7.66	18.40	11.53	1,190
iShares S&P SmallCap 600 Value ETF	IJS	7.04	18.38	13.09	6,025
SPDR S&P 600 Small Cap Value ETF	SLYV	7.04	18.19	13.24	1,503
Vanguard Russell 2000 ETF	VTWO	7.81	17.62	11.23	1,535
iShares Russell 2000 ETF	IWM	7.67	17.54	11.19	46,765
Vanguard Small Cap ETF	VB	5.90	16.61	10.57	23,647
Schwab U.S. Small-Cap ETF	SCHA	6.05	16.54	10.28	7,927
Schwab Fundamental U.S. Small Company	FNDA	5.78	16.34	10.98	3,295

Performance
% Return as of 6/29/2018

FUND (Ranked By 1-Year Return)	TICKER	YTD	1-YR RETURN	3-YR ANNUAL	AUM (\$MM)
WisdomTree US SmallCap Dividend ETF	DES	3.15	13.44	11.32	2,135
IQ Chaikin U.S. Small Cap ETF	CSML	2.30	12.96	N/A	495
Invesco S&P SmallCap Low Volatility ETF	XSLV	5.28	12.83	15.68	1,290
Vanguard Small Cap Value ETF	VBR	3.10	12.69	10.36	13,489
iShares Russell 2000 Value ETF	IWN	5.26	12.60	11.07	10,441
GLOBAL & INTERNATIONAL STOCKS					
ARK Innovation ETF	ARKK	21.31	55.90	30.05	1,077
Amplify Online Retail ETF	IBUY	25.23	45.23	N/A	456
Global X FinTech Thematic ETF	FINX	18.68	41.97	N/A	274
VanEck Vectors Rare Earth/Strategic Metals	REMX	-23.20	38.71	4.80	159
First Trust ISE Cloud Computing Index	SKYY	16.12	34.97	22.27	1,649
iShares North American Tech ETF	IGM	14.59	33.91	24.07	1,447
iShares North American Tech-Software ETF	IGV	18.23	33.68	23.00	1,854
ETFMG Prime Mobile Payments ETF	IPAY	11.24	30.66	N/A	361
ARK Genomic Revolution Multi-Sector ETF	ARKG	18.66	30.58	8.56	204
iShares Global Timber & Forestry ETF	WOOD	10.95	29.94	16.01	544
Global X MSCI Norway ETF	NORW	8.95	29.72	9.06	177
Global X Social Media Index ETF	SOCL	7.95	27.73	22.32	189
iShares Global Tech ETF	IXN	7.40	26.57	21.06	1,826
First Trust Small Cap Growth AlphaDEX	FYC	14.20	26.52	15.73	308
Invesco QQQ Trust	QQQ	10.62	25.76	18.32	65,991
iShares MSCI Global Select Metals & Mining	PICK	-4.38	25.18	9.49	553
iShares Global Energy ETF	IXC	6.56	24.22	5.52	1,626
VanEck Vectors Coal ETF	KOL	-1.56	24.20	14.67	100
SPDR S&P Global Natural Resources ETF	GNR	3.27	24.09	8.81	1,555
First Trust NASDAQ 100 Technology	QTEC	7.48	24.02	23.35	2,516
ETFMG Prime Cyber Security ETF	HACK	16.94	23.51	6.59	1,595
First Trust NASDAQ CEA Cybersecurity ETF	CIBR	14.11	22.60	N/A	685
FlexShares Morningstar Global Upstream	GUNR	3.16	21.79	7.92	5,751
iShares North American Natural Resources	IGE	4.95	19.56	2.92	1,023
First Trust Dorsey Wright Focus 5 ETF	FV	6.94	19.42	7.40	2,653
Invesco Solar ETF	TAN	-8.08	18.71	-13.72	359
Global X Robotics & Artificial Intelligence	BOTZ	-7.13	18.09	N/A	2,280
ROBO Global Robotics and Automation	ROBO	-3.19	16.82	15.44	2,116
First Trust NASDAQ Technology Dividend	TDIV	1.99	16.38	13.26	847
Global X Lithium ETF	LIT	-16.10	16.06	14.26	916
VanEck Vectors Agribusiness ETF	MOO	0.96	15.45	6.78	836
iShares Exponential Technologies ETF	XT	3.01	15.32	14.09	2,253
iShares MSCI Japan Small Cap ETF	SCJ	-1.74	13.37	12.16	429
First Trust Europe AlphaDEX Fund	FEP	-0.26	13.31	9.45	914
Horizons NASDAQ-100 Covered Call ETF	QYLD	3.72	12.43	10.96	268
WisdomTree Japan SmallCap Dividend	DFJ	-3.48	12.17	13.00	1,086
iShares S&P Asia ETF	AIA	-4.43	11.80	10.44	1,039
iShares MSCI EAFE Small-Cap ETF	SCZ	-1.56	11.66	10.00	10,992
Vanguard Total World Stock ETF	VT	-0.12	11.39	8.61	12,145
iShares Global 100 ETF	IOO	0.41	11.24	9.44	1,891
First Trust Developed Markets ex-US Alph	FDT	-3.03	11.15	7.55	1,286
iShares MSCI ACWI ETF	ACWI	-0.25	11.10	8.59	8,563
Schwab International Small-Cap Equity	SCHC	-1.53	11.07	7.52	2,024
iShares MSCI Austria ETF	EWO	-6.08	10.75	15.01	220
iShares Currency Hedged MSCI Japan ETF	HEWJ	-3.27	10.48	2.94	1,024
Vanguard FTSE All-World ex-US Small-Cap	VSS	-2.59	10.46	7.38	5,275
Xtrackers MSCI Japan Currency-Hedged Eq.	DBJP	-3.33	10.31	2.83	1,134
Xtrackers Japan JPX-Nikkei 400 Equity	JPN	-2.62	10.03	6.71	23

Performance
% Return as of 6/29/2018

FUND (Ranked By 1-Year Return)	TICKER	YTD	1-YR RETURN	3-YR ANNUAL	AUM (\$MM)
iShares MSCI Japan ETF	EWJ	-2.61	9.88	5.99	18,459
WisdomTree Global ex-Mexico Equity Fund	XXM	-0.80	9.57	N/A	230
Vanguard FTSE Pacific ETF	VPL	-3.14	9.42	7.61	4,585
SPDR S&P International Small Cap ETF	GWX	-3.05	9.26	8.35	868
IQ Global Resources ETF	GRES	-3.24	9.20	3.53	285
iShares MSCI All Country Asia ex-Japan	AAJ	-5.52	9.08	6.91	4,272
Schwab Fundamental Intl. Small Cap ETF	FNDC	-3.03	9.03	9.75	1,928
iShares MSCI United Kingdom ETF	EWU	-0.59	8.92	2.31	2,017
Goldman Sachs ActiveBeta Intl. Equity	GSIE	-0.69	8.88	N/A	1,028
iShares Edge MSCI Multifactor Intl ETF	INTF	-2.99	8.77	6.46	892
First Trust Dorsey Wright International	IFV	-5.54	8.68	3.95	898
iShares MSCI Canada ETF	EWC	-3.05	8.64	4.21	2,894
WisdomTree International Hedged Dividend	IHDG	0.52	8.60	8.63	490
iShares MSCI France ETF	EWQ	-0.20	8.55	8.03	891
iShares MSCI EAFE Growth ETF	EFG	-1.23	8.49	5.92	3,436
iShares MSCI-Australia ETF	EWA	-0.51	8.35	7.32	1,465
iShares MSCI Netherlands ETF	EWN	-2.28	8.19	8.19	172
Schwab Fundamental Intl. Large Cap	FNDF	-2.83	8.01	5.62	3,876
WisdomTree Japan Hedged Equity Fund	DXJ	-7.17	7.97	2.17	6,051
iShares MSCI Hong Kong ETF	EWK	-3.25	7.83	6.29	2,745
iShares Core MSCI Total Intl. Stock Mkt.	IXUS	-3.27	7.80	5.70	10,192
iShares MSCI Pacific ex Japan ETF	EPP	-1.92	7.61	6.68	2,443
iShares MSCI Italy ETF	EWI	-2.43	7.42	2.06	479
WisdomTree International SmallCap Dividend	DLS	-4.60	7.42	9.53	1,867
Hartford Multifactor Developed Markets	RODM	-1.77	7.39	5.84	562
iShares Edge MSCI Min Vol Global ETF	ACWV	-0.45	7.37	8.54	3,372
Vanguard Total International Stock ETF	VXUS	-3.49	7.31	5.39	11,089
iShares Core MSCI EAFE ETF	IEFA	-2.39	7.18	5.59	57,401
Vanguard FTSE Developed Markets ETF	VEA	-2.82	7.17	5.62	69,975
Vanguard International Dividend App. ETF	VIGI	-1.17	7.16	N/A	915
IQ 50 Percent Hedged FTSE International	HFXI	-1.62	7.13	N/A	572
iShares Currency Hedged MSCI EAFE ETF	HEFA	-0.27	7.13	5.89	3,470
SPDR Portfolio World ex-US ETF	SPDW	-2.46	7.08	5.33	2,730
iShares Edge MSCI Intl Value Factor ETF	IVLU	-4.16	7.07	N/A	223
Xtrackers MSCI EAFE Currency-Hedged Eq.	DBEF	-0.26	7.03	5.83	5,927
Vanguard FTSE All-World ex-US ETF	VEU	-3.88	6.82	5.22	22,686
iShares MSCI ACWI ex U.S. ETF	ACWX	-3.95	6.55	4.88	3,119
Schwab International Equity ETF	SCHF	-2.99	6.52	5.17	15,520
JPMorgan Diversified Return Intl.	JPIN	-2.84	6.51	5.99	1,544
SPDR MSCI ACWI ex-US ETF	CWI	-3.94	6.42	5.08	1,562
iShares S&P Global Industrials ETF	EXI	-4.19	6.41	9.79	246
Invesco FTSE RAFI Developed Mkt. ex-US	PXF	-3.60	6.39	4.81	1,227
Invesco Global Listed Private Equity ETF	PSP	-0.57	6.15	7.62	255
iShares MSCI EAFE ETF	EFA	-2.84	5.95	4.62	72,167
iShares Nasdaq Biotechnology ETF	IBB	3.00	5.79	-2.75	8,890
WisdomTree Europe SmallCap Dividend	DFE	-4.86	5.74	8.18	1,070
iShares MSCI Singapore ETF	EWS	-5.64	5.54	2.88	719
WisdomTree Dynamic Currency Hedged Int.	DDWM	-2.65	5.49	N/A	262
Invesco International Dividend Achievers	PID	-4.38	5.48	0.79	805
Xtrackers MSCI Europe Hedged Equity Fund	DBEU	0.64	5.47	6.60	1,488
iShares Edge MSCI Min Vol EAFE ETF	EFAV	-0.53	5.42	6.15	8,636
Vanguard FTSE Europe ETF	VGK	-2.79	5.39	4.45	16,764
iShares Core MSCI Europe ETF	IEUR	-2.74	5.33	4.63	2,507
iShares Global Clean Energy ETF	ICLN	-5.03	5.27	-4.72	169

Performance
% Return as of 6/29/2018

FUND (Ranked By 1-Year Return)	TICKER	YTD	1-YR RETURN	3-YR ANNUAL	AUM (\$MM)
First Trust STOXX European Select Dividend	FDD	-0.55	5.01	4.97	502
Invesco S&P Global Water Index ETF	CGW	-5.77	4.79	7.40	577
iShares Currency Hedged MSCI Eurozone	HEZU	0.84	4.58	5.60	1,557
iShares Global Healthcare ETF	IXJ	1.23	4.57	3.43	1,532
iShares MSCI EMU ETF	EZU	-3.14	4.49	5.42	10,515
IQ 50 Percent Hedged FTSE Europe ETF	HFEX	-2.35	4.39	N/A	11
iShares Global Financials ETF	IXG	-6.72	4.18	6.61	494
WisdomTree Europe Hedged Equity Fund	HEDJ	1.53	4.10	5.99	5,541
iShares Europe ETF	IEV	-3.17	3.92	3.35	2,470
Invesco S&P Intl. Developed Low Vol.	IDLV	-2.58	3.66	5.32	575
Global X SuperDividend ETF	SDIV	-0.77	3.60	5.34	954
iShares MSCI EAFE Value ETF	EFV	-4.42	3.44	2.95	5,114
Vanguard Intl. High Dividend Yield	VYMI	-5.17	3.18	N/A	953
First Trust Dow Jones Global Select Dividend	FGD	-3.70	3.16	4.90	487
iShares International Select Dividend	IDV	-2.46	2.57	4.68	4,482
VanEck Vectors Gold Miners ETF	GDX	-4.00	2.45	8.30	8,522
ETFMG Alternative Harvest ETF	MJ	-9.40	2.43	N/A	382
SPDR EURO STOXX 50 ETF	FEZ	-3.53	2.35	3.67	3,659
SPDR S&P International Dividend ETF	DWX	-4.74	1.98	2.44	919
Global X MLP & Energy Infrastructure ETF	MLPX	0.34	1.75	-4.67	455
iShares MSCI Germany ETF	EWG	-7.01	1.32	4.58	3,436
FlexShares Intl. Quality Dividend	IQDF	-6.96	1.32	3.61	963
iShares Currency Hedged MSCI Germany ETF	HEWG	-3.24	1.29	4.66	387
iShares Global Infrastructure ETF	IGF	-3.46	0.82	5.17	2,659
Global X Uranium ETF	URA	-14.49	0.26	-8.14	352
iShares MSCI Global Gold Miners ETF	RING	-6.43	-0.01	7.79	304
IQ Merger Arbitrage ETF	MNA	-1.10	-0.03	2.61	570
VanEck Vectors Junior Gold Miners ETF	GDXJ	-4.19	-1.83	12.34	4,903
iShares MSCI Switzerland ETF	EWL	-6.14	-2.72	1.84	900
Xtrackers MSCI EAFE High Dividend Yield	HDEF	-4.49	-2.87	N/A	188
Barclays ETN+ Select MLP ETN	ATMP	0.69	-2.92	-4.21	452
Vanguard Communication Services ETF	VOX	-5.16	-3.68	3.24	948
iShares MSCI Europe Financials ETF	EUFN	-9.74	-3.94	-0.11	1,505
iShares MSCI Sweden ETF	EWD	-5.81	-4.41	2.19	243
iShares MSCI Spain ETF	EWP	-5.97	-4.89	0.26	911
InfraCap MLP ETF	AMZA	-3.06	-6.69	-12.58	628
Invesco Shipping ETF	SEA	-10.56	-9.07	-12.27	70
ETFMG Prime Junior Silver ETF	SILJ	-5.20	-11.22	14.62	56
Global X Silver Miners ETF	SIL	-11.52	-14.36	5.01	411
EMERGING & FRONTIER MARKETS STOCKS					
KraneShares CSI China Internet ETF	KWEB	1.66	25.03	15.31	1,439
iShares MSCI Russia ETF	ERUS	1.09	23.07	11.08	441
Global X China Consumer ETF	CHIQ	-4.55	21.49	10.18	385
Invesco China Technology ETF	CQQQ	-8.25	20.98	14.72	392
iShares MSCI China ETF	MCHI	-2.46	20.45	7.46	3,514
SPDR S&P China ETF	GXC	-1.77	20.13	8.73	1,132
iShares MSCI Peru ETF	EPU	-3.31	19.96	12.55	181
Invesco DWA Emerging Markets Momentum	PIE	-2.04	19.23	5.36	288
iShares MSCI Saudi Arabia ETF	KSA	20.94	18.32	N/A	281
VanEck Vectors Russia ETF	RSX	0.14	17.49	9.61	1,618
Emerging Markets Internet & Ecommerce	EMQQ	-3.57	16.75	14.40	470
First Trust Emerging Markets AlphaDEX	FEM	-6.21	14.63	7.79	613
Invesco S&P Emerging Markets Momentum	EEMO	-7.16	13.84	-0.22	22
iShares MSCI Chile ETF	ECH	-10.03	12.97	9.29	364

Performance
% Return as of 6/29/2018

FUND (Ranked By 1-Year Return)	TICKER	YTD	1-YR RETURN	3-YR ANNUAL	AUM (\$MM)
iShares China Large-Cap ETF	FXI	-5.68	12.06	1.33	4,086
iShares Edge MSCI Multifactor EM ETF	EMGF	-6.02	11.99	N/A	282
Global X MSCI Colombia ETF	GXG	4.69	11.51	1.13	109
WisdomTree Emerging Markets ex-State-Owned	XSOE	-7.41	11.04	8.22	141
WisdomTree Emerging Markt. Equity Income	DEM	-4.54	9.89	4.27	1,989
VanEck Vectors Vietnam ETF	VNM	-10.68	9.79	-2.16	356
First Trust Emerging Markets Small Cap	FEMS	-10.31	9.22	7.59	275
Goldman Sachs ActiveBeta Emerging Market	GEM	-6.75	8.74	N/A	1,699
iShares MSCI Thailand ETF	THD	-9.47	8.70	5.79	378
Invesco India ETF	PIN	-6.86	8.62	5.99	274
iShares Currency Hedged MSCI Emerging	HEEM	-3.36	8.61	6.01	370
SPDR Portfolio Emerging Markets ETF	SPEM	-6.54	8.51	5.51	1,597
WisdomTree Emerging Markets SmallCap Div	DGS	-7.34	8.43	6.99	1,545
iShares Core MSCI Emerging Markets ETF	IEMG	-6.95	8.30	5.91	46,629
Invesco FTSE RAFI Emerging Markets ETF	PXH	-6.62	8.03	5.88	1,035
Xtrackers MSCI Emerging Markets Currency	DBEM	-3.86	7.94	4.88	178
iShares MSCI EM ESG Optimized ETF	ESGE	-8.26	7.64	N/A	323
iShares MSCI Emerging Markets ETF	EEM	-7.44	7.48	5.66	30,866
iShares Edge MSCI Min Vol Emerging Market	EEMV	-3.98	7.47	3.00	4,419
Schwab Emerging Markets Equity ETF	SCHE	-7.34	7.26	4.72	4,901
SPDR S&P Emerging Markets Dividend ETF	EDIV	-5.43	6.96	2.12	424
Schwab Fundamental Emerging Mkt. Large	FNDE	-6.71	6.88	7.46	2,118
Vanguard FTSE Emerging Markets ETF	VVO	-7.32	6.77	4.14	60,431
iShares MSCI Emerging Markets Small-Cap	EEMS	-9.21	6.02	2.51	272
iShares India 50 ETF	INDY	-5.00	5.93	6.40	750
SPDR S&P Emerging Small Cap ETF	EWX	-7.93	5.71	4.88	498
iShares MSCI India ETF	INDA	-7.58	5.69	4.75	4,790
iShares MSCI Malaysia ETF	EWM	-3.54	5.53	0.63	414
Invesco Frontier Markets ETF	FRN	-7.00	4.84	4.84	65
Invesco S&P Emerging Markets Low Vol.	EELV	-3.96	4.69	1.87	669
iShares MSCI South Africa ETF	EZA	-16.49	4.66	-0.36	380
iShares MSCI Frontier 100 ETF	FM	-10.65	4.57	2.26	566
WisdomTree India Earnings Fund	EPI	-9.08	4.43	6.67	1,520
iShares MSCI Taiwan ETF	EWT	-0.58	4.01	7.73	3,780
iShares Emerging Markets Dividend ETF	DVYE	-4.32	3.73	3.45	413
iShares MSCI South Korea ETF	EWY	-9.64	3.55	9.60	3,714
iShares MSCI Brazil Small-Cap ETF	EWZS	-21.65	3.42	8.21	49
iShares Latin American 40 ETF	ILF	-11.90	1.16	2.51	1,191
KraneShares Boser MSCI China A Share	KBA	-13.30	-0.75	-9.78	452
Xtrackers Harvest CSI 300 China A-Shares	ASHR	-14.50	-1.23	-6.75	581
iShares MSCI India Small-Cap ETF	SMIN	-18.92	-1.75	10.93	254
iShares MSCI Brazil ETF	EWZ	-19.48	-2.67	1.74	6,535
Columbia Emerging Markets Consumer ETF	ECON	-13.40	-5.82	-0.92	611
Global X MSCI Argentina ETF	ARGT	-23.62	-6.88	11.08	146
Global X FTSE Greece 20 ETF	GREK	-11.19	-7.21	0.56	391
iShares MSCI Poland ETF	EPOL	-19.54	-9.00	0.50	252
iShares MSCI Mexico ETF	EWX	-3.13	-10.00	-4.03	1,113
iShares MSCI Indonesia ETF	EIDO	-17.69	-13.68	1.57	339
iShares MSCI Philippines ETF	EPHE	-22.03	-13.88	-7.35	145
iShares MSCI Turkey ETF	TUR	-28.24	-24.10	-9.45	298
FIXED INCOME					
VanEck Vectors High-Yield Municipal ETF	HYD	2.70	6.61	6.28	2,672
WisdomTree Interest Rate Hedged HY	HYZD	1.36	4.49	5.48	261
SPDR Blackstone/ GSO Senior Loan ETF	SRLN	1.37	3.43	2.61	3,185

Performance
% Return as of 6/29/2018

FUND (Ranked By 1-Year Return)	TICKER	YTD	1-YR RETURN	3-YR ANNUAL	AUM (\$MM)
SPDR Nuveen S&P High Yield Muni. Bond	HYMB	3.18	3.29	4.40	531
Invesco Taxable Municipal Bond ETF	BAB	-1.50	3.15	5.22	943
Invesco BulletShares 2021 HY Corp.	BSJL	0.69	3.12	5.11	403
PIMCO 0-5 Year High Yield Corporate Bond	HYS	0.97	3.08	4.96	1,657
Highland iBoxx Senior Loan ETF	SNLN	1.79	3.06	2.60	599
SPDR Barclays Capital Short Term HY	SJNK	1.20	3.06	3.87	3,556
iShares Core International Agg. Bond	IAGG	1.47	3.04	N/A	817
Vanguard Total International Bond ETF	BNDX	1.06	3.00	3.48	11,274
VanEck Vectors AMT-Free Long Muni. ETF	MLN	-1.11	2.99	4.07	157
Invesco Senior Loan ETF	BKLN	1.29	2.94	2.86	7,816
iShares 0-5 Year HY Corporate Bond	SHYG	1.13	2.85	4.21	2,448
iShares International Treasury Bond ETF	IGOV	-1.42	2.72	3.25	908
Invesco BulletShares 2019 High Yield Corp	BSJJ	0.94	2.65	3.55	1,095
First Trust Senior Loan Exchange-Traded	FTSL	1.35	2.57	2.96	1,557
VanEck Vectors Fallen Angel HY Bond	ANGL	-2.13	2.56	7.77	1,187
Invesco BulletShares 2018 HY Corp.	BSJI	1.34	2.52	3.06	708
Invesco BulletShares 2020 HY Corp.	BSJK	0.80	2.41	3.66	861
First Trust Managed Municipal ETF	FMB	-0.32	2.40	3.87	390
VanEck Vectors Investment Grade Floating	FLTR	0.91	2.23	1.94	475
SPDR Barclays Capital International Corp	IBND	-4.04	2.12	2.46	230
Invesco Ultra Short Duration ETF	GSY	1.07	2.03	1.68	1,206
SPDR Barclays Capital Investment Grade	FLRN	1.06	2.00	1.37	3,432
SPDR Barclays Capital TIPS ETF	IPE	-0.06	1.94	1.89	1,244
iShares Floating Rate Bond ETF	FLOT	1.18	1.92	1.44	10,409
Invesco National AMT-Free Municipal Bond	PZA	-1.12	1.91	3.69	1,649
iShares TIPS Bond ETF	TIP	-0.04	1.87	1.82	24,222
JPMorgan Ultra-Short Income ETF	JPST	0.98	1.87	N/A	1,303
Invesco Variable Rate Investment Grade	VRIG	0.78	1.86	N/A	355
Schwab U.S. TIPS ETF	SCHP	-0.11	1.83	1.85	5,439
Janus Short Duration Income ETF	VNLA	0.66	1.80	N/A	493
iShares Ultra Short-Term Bond ETF	ICSH	0.99	1.79	1.28	344
Invesco Global Short Term High Yield Bond	PGHY	0.98	1.75	5.77	223
First Trust Enhanced Short Maturity ETF	FTSM	0.97	1.69	1.20	2,190
PIMCO Enhanced Short Maturity Strategy	MINT	0.83	1.68	1.57	9,408
iShares California Muni Bond ETF	CMF	-0.15	1.67	2.56	1,048
iShares Short Maturity Bond ETF	NEAR	0.92	1.61	1.34	3,848
WisdomTree Bloomberg Floating Rate Tsy.	USFR	1.04	1.58	0.85	174
Xtrackers USD High Yield Corporate Bond	HYLB	-0.38	1.51	N/A	1,589
iShares Treasury Floating Rate Bond ETF	TFLO	0.76	1.50	0.74	166
iShares iBoxx \$ HY Corporate Bond	HYG	-0.42	1.46	4.11	14,047
iShares iBonds Dec 2018 Term Corporate	IBDH	0.70	1.36	1.42	361
iShares 0-5 Year TIPS Bond ETF	STIP	0.75	1.30	1.06	1,959
Vanguard Tax-Exempt Bond Index ETF	VTEB	-0.47	1.26	N/A	3,278
Vanguard Short-Term Inflation-Protected	VTIP	0.66	1.26	1.08	5,098
First Trust Tactical High Yield ETF	HYLS	-0.39	1.26	3.65	1,182
Invesco BulletShares 2018 Corporate Bond	BSCI	1.00	1.24	1.44	771
iShares National AMT-Free Muni Bond ETF	MUB	-0.58	1.23	2.45	9,868
VanEck Vectors International High Yield	IHY	-3.29	1.22	4.68	161
SPDR Barclays 1-3 Month T-Bill ETF	BIL	0.75	1.19	0.49	3,365
Goldman Sachs TreasuryAccess 0-1 Year	GBIL	0.72	1.17	N/A	1,231
iShares Short Treasury Bond ETF	SHV	0.71	1.15	0.59	15,053
FlexShares iBoxx 5-Year Target Duration	TDTF	-0.03	1.12	1.44	1,001
SPDR Barclays International Treasury Bond	BWX	-2.01	1.07	2.33	1,512
SPDR Citi International Govt. Inflation	WIP	-4.46	1.01	1.54	564

Performance
% Return as of 6/29/2018

FUND (Ranked By 1-Year Return)	TICKER	YTD	1-YR RETURN	3-YR ANNUAL	AUM (\$MM)
iShares iBonds Dec 2019 Term Corporate	IBDK	0.47	1.00	1.95	650
First Trust Low Duration Mortgage Opport.	LMBS	0.46	0.97	3.31	1,405
FlexShares iBoxx 3-Year Target Duration	TDTT	0.73	0.95	0.93	2,171
PIMCO 1-5 Year U.S. TIPS Index Fund	STPZ	0.52	0.92	0.90	832
SPDR Barclays High Yield Bond ETF	JNK	-1.19	0.83	3.38	9,474
Invesco BulletShares 2019 Corporate Bond	BSCJ	0.34	0.72	1.79	1,115
SPDR Barclays Capital Municipal Bond ETF	TFI	-1.11	0.70	2.60	2,689
VanEck Vectors AMT-Free Interm. Muni.	ITM	-1.15	0.63	2.72	1,652
SPDR Portfolio Short Term Corporate Bond	SPSB	-0.04	0.43	1.30	4,352
ProShares Investment Grade-Interest Rate	IGHG	-2.63	0.38	2.56	564
Vanguard Ext Duration Treasury ETF	EDV	-3.80	0.37	5.33	556
Invesco Fundamental High Yield® Corp.	PHB	-1.45	0.31	3.99	962
iShares 0-5 Year Investment Grade Corp.	SLQD	-0.29	0.30	1.44	1,134
iShares S&P Short Term National AMT-Free	SUB	0.59	0.29	0.66	1,560
iShares iBonds Dec 2020 Corporate ETF	IBDL	-0.13	0.26	1.81	691
iShares 1-3 Year Credit Bond ETF	CSJ	-0.01	0.20	1.04	10,806
Invesco BulletShares 2020 Corporate Bond	BSCK	-0.20	0.13	1.99	1,172
SPDR Barclays Capital Short Term Intl.	BWZ	-2.54	0.10	0.87	332
SPDR Barclays Short Term Municipal Bond	SHM	0.65	-0.02	0.69	3,654
PIMCO Total Return ETF	BOND	-1.43	-0.02	2.02	2,069
VanEck Vectors AMT-Free Short Municipal	SMB	0.70	-0.02	1.00	203
Vanguard Short-Term Treasury ETF	VGSH	0.03	-0.07	0.35	2,525
Vanguard Short-Term Corporate Bond ETF	VCSH	-0.50	-0.08	1.60	20,997
iShares 1-3 Year Treasury Bond ETF	SHY	0.02	-0.11	0.28	13,314
Schwab Short-Term U.S. Treasury ETF	SCHO	0.05	-0.11	0.34	2,614
Vanguard Mortgage-Backed Securities ETF	VMBS	-0.91	-0.14	1.30	6,758
iShares Core 1-5 Year USD Bond ETF	ISTB	-0.51	-0.14	1.24	2,091
iShares iBonds Dec 2021 Corporate ETF	IBDM	-0.68	-0.16	1.93	720
Invesco BulletShares 2021 Corporate Bond	BSCJ	-0.79	-0.17	2.34	943
iShares MBS Bond ETF	MBB	-1.08	-0.19	1.20	11,991
Vanguard Short-Term Bond ETF	BSV	-0.36	-0.34	0.74	25,521
Fidelity Limited Term Bond ETF	FLT	-0.57	-0.36	1.11	108
iShares 20+ Year Treasury Bond ETF	TLT	-3.01	-0.45	3.50	7,449
SPDR DoubleLine Total Return Tactical	TOTL	-0.95	-0.47	1.78	3,179
SPDR Portfolio Intermediate Term Corp.	SPIB	-1.62	-0.58	2.02	3,309
SPDR Portfolio Short Term Treasury ETF	SPTS	-0.36	-0.59	0.37	488
SPDR Portfolio Long Term Treasury ETF	SPTL	-3.22	-0.60	3.23	977
iShares iBonds Dec 2022 Corporate ETF	IBDN	-1.42	-0.61	2.68	462
SPDR Portfolio Aggregate Bond ETF	SPAB	-1.81	-0.65	1.65	2,995
SPDR Barclays Capital Mort. Backed Bond	MBG	-1.23	-0.66	1.07	228
iShares Core U.S. Aggregate Bond ETF	AGG	-1.64	-0.66	1.67	55,350
iShares Core Total USD Bond Market ETF	IUSB	-1.79	-0.67	1.92	2,250
Vanguard Total Bond Market ETF	BND	-1.81	-0.70	1.67	36,619
Schwab U.S. Aggregate Bond ETF	SCHZ	-1.59	-0.72	1.62	5,175
Invesco BulletShares 2022 Corporate Bond	BSCM	-1.39	-0.73	2.72	784
iShares Intermediate Credit Bond ETF	CIU	-1.61	-0.75	1.69	6,842
SPDR Barclays Intermediate Term Treasury	ITE	-0.54	-0.81	0.53	581
Vanguard Long-Term Treasury ETF	VGLT	-3.06	-0.83	3.27	626
iShares iBonds Dec 2023 Corporate ETF	IBDO	-1.91	-0.88	2.99	413
iShares Intermediate Government/Credit	GVI	-0.99	-0.90	0.99	1,961
Invesco BulletShares 2024 Corporate Bond	BSCO	-2.70	-0.93	3.28	295
iShares U.S. Treasury Bond ETF	GOVT	-1.05	-0.99	0.91	6,543
NuShares Enhanced Yield U.S. Agg. Bond	NUAG	-2.30	-1.03	N/A	71
Invesco BulletShares 2023 Corporate Bond	BSCN	-1.88	-1.12	3.12	357

Performance
% Return as of 6/29/2018

FUND (Ranked By 1-Year Return)	TICKER	YTD	1-YR RETURN	3-YR ANNUAL	AUM (\$MM)
VanEck Vectors Emerging Markets HY	HYEM	-4.40	-1.17	4.43	335
iShares iBonds Dec 2025 Corporate ETF	IBDQ	-3.03	-1.23	3.35	298
Vanguard Long-Term Bond ETF	BLV	-5.13	-1.27	4.37	2,181
WisdomTree Barclays Yield Enhanced U.S.	AGGY	-2.97	-1.30	N/A	417
iShares 3-7 Year Treasury Bond ETF	IEI	-1.03	-1.40	0.62	7,584
PIMCO Investment Grade Corp. Bond Index	CORP	-3.74	-1.42	2.97	755
Vanguard Intermediate-Term Corp. Bond	VCIT	-3.05	-1.47	2.60	18,628
Vanguard Intermediate-Term Treasury ETF	VGIT	-1.24	-1.50	0.70	2,268
Schwab Intermediate-Term U.S. Treasury	SCHR	-1.13	-1.52	0.73	2,768
Vanguard Emerging Markets Govt. Bond	VVOB	-4.57	-1.59	3.99	1,010
Vanguard Intermediate-Term Bond ETF	BIV	-2.29	-1.68	1.68	13,672
iShares iBoxx \$ Investment Grade Corp.	LQD	-4.38	-1.88	2.93	33,202
iShares 10+ Year Credit Bond ETF	CLY	-6.72	-1.96	4.72	533
IQ Enhanced Core Plus Bond US ETF	AGGP	-3.04	-1.96	N/A	321
SPDR Portfolio Long Term Corporate Bond	SPLB	-7.12	-2.17	4.93	323
iShares 7-10 Year Treasury Bond ETF	IEF	-2.05	-2.19	0.94	8,601
Vanguard Long-Term Corporate Bond ETF	VCLT	-6.90	-2.23	5.12	2,181
iShares J.P. Morgan USD Emerging Markets	EMB	-6.46	-2.61	3.85	12,471
SPDR Barclays Capital Emerging Markets	EBND	-7.59	-3.55	1.14	518
iShares Emerging Markets High Yield Bond	EMHY	-6.43	-3.69	4.71	504
WisdomTree Emerging Markets Local Debt	ELD	-7.82	-4.52	1.00	175
VanEck Vectors J.P. Morgan EM Local Curr.	EMLC	-8.16	-4.73	0.90	4,245
iShares Emerging Markets Local Currency	LEMB	-7.99	-4.95	0.67	390
Invesco Emerging Markets Sovereign Debt	PCY	-8.18	-5.30	3.68	4,129
COMMODITY					
United States Brent Oil Fund	BNO	22.54	75.34	0.20	105
United States Oil Fund	USO	25.40	63.52	-8.26	1,854
Invesco DB Oil Fund	DBO	22.76	58.32	-4.59	391
Invesco DB Energy Fund	DBE	17.55	50.48	0.31	225
iShares S&P GSCI Commodity-Indexed Trust	GSG	10.01	30.73	-4.72	1,480
Invesco DB Commodity Index Tracking Fund	DBC	6.44	24.86	0.11	3,013
Invesco Optimum Yield Diversified Commodity	PDBC	5.79	24.11	0.41	1,999
RICI-Total Return ETN	RJI	5.19	18.83	-2.40	254
United States Commodity Index Fund	USCI	2.80	14.87	-2.03	689
iPath Dow Jones-UBS Commodity ETN	DJP	-0.25	9.54	-5.08	1,217
Invesco DB Base Metals Fund	DBB	-9.38	8.25	6.72	306
First Trust Global Tactical Commodity	FTGC	-0.05	7.68	-5.02	300
iShares Gold Trust	IAU	-3.92	0.50	1.81	10,832
SPDR Gold Trust	GLD	-4.04	0.28	1.62	32,973
ETFs Physical Swiss Gold Shares	SGOL	-4.09	0.22	1.62	883
Van Eck Merk Gold Trust	OUNZ	-4.22	0.14	1.54	142
ETFs Physical Silver Shares	SIVR	-5.21	-3.57	0.45	330
iShares Silver Trust	SLV	-5.25	-3.69	0.27	5,173
Invesco DB Agriculture Fund	DBA	-3.89	-6.92	-7.55	700
ETFs Physical Platinum Shares	PPLT	-8.29	-7.81	-8.05	438
Teucrium Corn Fund	CORN	-1.95	-11.23	-12.25	73
United States Natural Gas Fund	UNG	1.63	-13.12	-23.91	336
Teucrium Wheat	WEAT	6.33	-14.13	-18.24	67
Teucrium Sugar	CANE	-22.49	-19.79	-6.85	15
CURRENCY					
Invesco CurrencyShares® Euro Currency	FXE	-3.07	1.24	0.51	269
Invesco DB US Dollar Index Bullish Fund	UUP	3.79	1.03	0.14	509
Invesco CurrencyShares® Japanese Yen	FXJ	1.56	0.71	2.93	169
Invesco CurrencyShares® Canadian Dollar	FXC	-4.29	-0.99	-2.16	165

Performance
% Return as of 6/29/2018

FUND (Ranked By 1-Year Return)	TICKER	YTD	1-YR RETURN	3-YR ANNUAL	AUM (\$MM)
REAL ESTATE					
Vanguard Global ex-U.S. Real Estate	VNQI	-2.66	8.42	6.04	6,022
iShares International Developed Real Es.	IFGL	-0.70	8.01	4.83	505
SPDR DJ Wilshire International Real Es.	RWX	-1.96	5.43	2.56	3,379
Fidelity MSCI Real Estate Index ETF	FREL	1.49	5.26	8.47	471
Real Estate Select Sector SPDR Fund	XLRE	0.74	4.86	N/A	2,578
iShares U.S. Real Estate ETF	IYR	1.27	4.85	8.43	3,727
iShares Global REIT ETF	REET	0.67	4.78	6.20	1,130
SPDR DJ Wilshire Global Real Estate ETF	RWO	0.02	4.18	5.28	2,343
Schwab US REIT ETF	SCHH	1.83	4.04	7.64	4,487
SPDR Dow Jones REIT ETF	RWR	1.83	3.99	7.53	2,563
iShares Core U.S. REIT ETF	USRT	1.14	3.24	8.24	585
iShares Mortgage Real Estate ETF	REM	0.57	3.15	11.39	1,099
Invesco KBW Premium Yield Equity REIT	KBWY	4.88	3.13	12.12	416
Vanguard Real Estate Index Fund	VNQ	0.02	2.32	7.57	31,144
iShares Cohen & Steers REIT ETF	ICF	0.24	2.00	7.53	2,542
MULTI-ASSET					
iShares Commodities Select Strategy ETF	COMT	8.18	28.95	2.38	730
First Trust Dorsey Wright Dynamic Focus	FVC	6.88	19.52	N/A	534
Pacer Trendpilot US Mid Cap ETF	PTMC	3.57	14.50	10.18	559
Pacer Trendpilot US Large Cap ETF	PTLC	2.31	14.05	7.10	1,076
iShares Core Aggressive Allocation ETF	AOA	-0.61	8.86	7.52	878
Invesco S&P 500 BuyWrite ETF	PBP	1.34	6.51	6.87	334
iShares Core Growth Allocation ETF	AOR	-0.89	6.51	6.18	1,107
iShares Moderate Allocation ETF	AOM	-0.90	4.20	4.73	906
Invesco CEF Income Composite ETF	PCEF	-1.09	3.80	8.29	713
IQ Hedge Multi-Strategy Tracker ETF	QAI	-0.16	3.54	1.09	1,150
First Trust Multi-Asset Diversified Inc.	MDIV	-0.48	1.32	3.61	691
Pacer Trendpilot European Index ETF	PTEU	-8.89	-0.85	N/A	176
HYBRID					
iShares Convertible Bond ETF	ICVT	5.54	12.30	8.97	196
SPDR Barclays Capital Convertible Bond	CWB	5.88	11.26	9.67	4,470
First Trust SSI Strategic Convertible Se	FCVT	4.77	10.45	N/A	162
VanEck Vectors Preferred Sec. ex-Fin.	PFXF	2.10	3.38	4.87	529
Invesco Financial Preferred ETF	PGF	0.50	2.20	6.34	1,569
Invesco Preferred ETF	PGX	0.79	2.06	6.06	5,246
iShares U.S. Preferred Stock ETF	PFF	1.48	1.97	4.54	16,472
SPDR Wells Fargo Preferred Stock ETF	PSK	1.03	1.78	5.68	585
First Trust Preferred Securities Inc.	FPE	-2.06	0.72	6.03	3,458
Global X SuperIncome Preferred ETF	SPFF	1.12	0.00	1.37	203
Invesco Variable Rate Preferred ETF	VRP	-0.82	-0.49	5.29	2,095
VOLATILITY					
iPath S&P 500 VIX Mid-Term Futures ETN	VXZ	9.43	-15.56	-24.79	16
iPath S&P 500 VIX Short-Term Futures ETN	VXX	32.52	-28.46	-51.50	806
VelocityShares Daily Long VIX Short-Term	VIIX	32.60	-28.61	-51.50	9
ProShares VIX Short-Term Futures ETF	VIXY	31.84	-29.22	-51.64	114
LEVERAGED					
VelocityShares 3x Long Crude Oil ETN	UWT	77.23	259.31	N/A	176
ProShares UltraPro 3x Crude Oil ETF	OILU	69.27	248.56	N/A	41
ProShares Ultra Bloomberg Crude Oil	UCO	46.67	144.70	-26.66	466
Direxion Daily S&P Oil & Gas Exploration	GUSH	33.81	98.29	-36.32	126
Direxion Daily Technology Bull 3X Shares	TECL	19.06	85.53	57.20	653
ProShares UltraPro QQQ	TQQQ	23.51	74.83	48.20	3,412
Direxion Daily Aerospace & Defense Bull	DFEN	0.22	72.36	N/A	71

Performance
% Return as of 6/29/2018

FUND (Ranked By 1-Year Return)	TICKER	YTD	1-YR RETURN	3-YR ANNUAL	AUM (\$MM)
Direxion Daily Semiconductor Bull 3x	SOXL	2.82	71.52	68.40	686
ProShares Ultra Technology	ROM	17.20	57.35	39.83	331
Direxion Daily Energy Bull 3X Shares	ERX	10.04	56.12	-7.61	448
ProShares Ultra QQQ	QLD	17.91	49.77	33.62	1,777
ProShares UltraPro Russell2000	URTY	17.38	47.10	23.50	159
Direxion Daily Small Cap Bull 3X Sh.	TNA	16.92	46.86	23.09	752
Direxion Daily S&P Biotech Bull 3x Sh.	LABU	21.97	44.79	-17.28	381
ProShares Ultra Oil & Gas	DIG	10.94	42.00	-1.39	121
ProShares UltraPro Dow30	UDOW	-9.81	41.63	36.02	564
Direxion Daily CSI China Internet Index	CWEB	-3.55	41.46	N/A	111
Direxion Daily S&P 500 Bull 3X Shares	SPXL	0.50	36.35	28.46	987
ProShares UltraPro S&P 500	UPRO	0.51	36.26	28.91	1,352
Direxion Daily Russia Bull 3x Shares	RUSL	-14.79	32.67	-0.69	175
ProShares Ultra Russell2000	UWM	12.63	32.04	18.26	251
ProShares Ultra Dow30	DDM	-5.02	29.44	25.17	400
Direxion Daily Financial Bull 3X Shares	FAS	-7.48	27.88	26.91	1,855
ProShares Ultra S&P 500	SSO	2.01	25.49	20.69	2,354
ProShares Ultra Midcap 400	MVV	4.27	23.69	18.12	144
Direxion Daily Natural Gas Related Bull	GASL	-4.14	21.28	-71.25	35
Direxion Daily China 3x Bull Shares	YINN	-25.34	18.56	-14.65	281
ProShares Ultra Financials	UYG	-4.91	17.23	19.21	853
Direxion Daily Healthcare Bull 3x Shares	CURE	-2.41	8.88	5.67	132
Direxion Daily Emerging Markets Bull 3X	EDC	-27.44	8.78	1.58	244
UltraShort Barclays 7-10 Year Treasury	PST	5.73	6.44	-2.14	141
Direxion Daily FTSE Europe Bull 3x Sh.	EURL	-14.09	6.03	0.05	55
ProShares Ultra Nasdaq Biotechnology	BIB	2.02	5.52	-12.86	340
VelocityShares Daily Inverse VIX Medium	ZIV	-18.31	3.43	16.26	121
ProShares Short 7-10 Year Treasury	TBX	2.77	3.39	-1.33	102
ETRACS Monthly Pay 2xLeveraged Mortgage	MORL	-0.44	3.05	21.12	444
ProShares UltraPro Nasdaq Biotechnology	UBIO	-1.40	1.84	-26.50	35
ETRACS Monthly Pay 2xLeveraged CEF	CEFL	-6.93	1.33	10.32	236
ProShares Short 20+ Year Treasury	TBF	3.69	1.19	-4.58	618
UltraShort Barclays 20+ Year Treasury	TBT	6.70	0.96	-9.91	1,785
UltraPro Short 20+ Year Treasury	TTT	9.42	-0.10	-16.21	90
Direxion Daily Real Estate Bull 3x Share	DRN	-3.21	-0.21	13.12	56
Invesco DB US Dollar Index Bearish Fund	UDN	-3.17	-0.49	-0.91	35
ProShares UltraShort Euro	EUO	7.50	-0.96	-2.15	178
ProShares Short High Yield	SJB	0.49	-1.52	-5.39	154
Direxion Daily 20-Year Treasury Bear 3X	TMV	8.20	-1.57	-17.18	372
VelocityShares 3x Inverse Gold ETN	DGLD	13.39	-2.08	-12.24	19
VelocityShares 3x Inverse Silver ETN	DSLX	10.30	-3.52	-23.85	13
Direxion Daily CSI 300 China A Share Bull	CHAU	-28.04	-4.67	-15.48	61
VelocityShares 3x Long Gold ETN	UGLD	-15.89	-7.14	-4.08	121
Direxion Daily 20-Year Treasury Bull 3X	TMF	-11.81	-7.41	3.90	98
VelocityShares 3x Inverse Natural Gas	DGAZ	-17.82	-7.72	-8.18	317

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UBS E-TRACS 2x Leveraged Wells Fargo	BDCL	1.03	-7.82	8.09	231
AdvisorShares Ranger Equity Bear ETF	HDGE	-0.51	-8.98	-10.57	134
Short MSCI Emerging Markets ProShares	EUM	6.17	-8.99	-9.51	204
ProShares Short S&P 500	SH	-2.43	-12.20	-11.66	1,348
ProShares Ultra Silver	AGQ	-12.37	-12.53	-6.74	210
ProShares UltraShort MSCI Brazil	BZQ	36.38	-12.95	-33.75	35
ProShares Short Dow 30	DOG	0.48	-14.09	-13.31	238
Direxion Daily Real Estate Bear 3x Share	DRV	-7.81	-14.89	-30.37	17
ProShares Short Russell 2000	RWM	-7.36	-15.28	-12.40	250
Direxion Daily Gold Miners Bull 3X Share	NUGT	-23.03	-18.39	-28.44	1,384
ProShares UltraShort Nasdaq Biotech.	BIS	-11.70	-18.54	-13.49	33
Direxion Daily Junior Gold Miners Index	JDST	-0.97	-20.94	-80.24	65
ProShares Short QQQ	PSQ	-10.40	-21.12	-17.33	337
Direxion Daily Gold Miners Bear 3X Share	DUST	2.30	-23.08	-69.88	143
VelocityShares 3x Long Silver ETN	USLV	-21.79	-23.57	-17.82	343
ProShares UltraShort S&P 500	SDS	-6.40	-24.35	-23.05	854
Direxion Daily Junior Gold Miners Index	JNUG	-23.14	-25.98	-29.50	900
ProShares UltraShort Dow 30	DXD	-0.76	-27.75	-25.94	141
Direxion Daily Brazil Bull 3X Shares	BRZU	-55.81	-29.37	-31.63	277
ProShares Ultra Short Russell 2000	TWM	-15.66	-29.91	-25.13	93
Direxion Daily Emerging Markets Bear 3X	EDZ	13.02	-29.92	-32.83	87
Direxion Daily Financial Bear 3X Shares	FAZ	-5.08	-34.23	-38.19	136
ProShares UltraPro Short S&P 500	SPXU	-11.46	-35.93	-34.20	464
Direxion Daily S&P 500 Bear 3X Shares	SPXS	-11.55	-36.07	-34.72	291
ProShares Ultra Short Oil & Gas	DUG	-17.91	-37.82	-18.02	20
ProShares UltraShort QQQ	QID	-21.55	-39.66	-33.27	269
ProShares UltraPro Short Dow30	SDOW	-3.54	-40.39	-37.87	177
ProShares Ultra Bloomberg Natural Gas	BOIL	-9.94	-40.57	-49.16	26
Direxion Daily Small Cap Bear 3X Shares	TZA	-23.53	-42.40	-37.88	355
ProShares UltraPro Short Russell2000	SRTY	-23.92	-42.86	-37.61	79
Direxion Daily China 3x Bear Shares	YANG	1.56	-43.82	-30.67	62
Direxion Daily Russia Bear 3x Shares	RUSS	-17.30	-51.27	-52.70	20
Direxion Daily Energy Bear 3X Shares	ERY	-26.36	-51.75	-32.27	38
VelocityShares 3x Long Natural Gas	UGAZ	-10.97	-54.00	-70.81	309
ProShares UltraPro Short QQQ	SQQQ	-32.75	-55.01	-47.50	573
Direxion Daily Technology Bear 3X Shares	TECS	-31.01	-58.57	-51.13	31
Direxion Daily S&P Biotech Bear 3x Share	LABD	-43.73	-60.87	-58.49	70
Direxion Daily Semiconductor Bear 3x Share	SOXS	-30.53	-63.95	-63.62	78
ProShares UltraShort Bloomberg Crude Oil	SCO	-39.29	-67.47	-20.51	172
ProShares Ultra VIX Short-Term Futures	UVXY	20.86	-69.12	-85.93	362
Direxion Daily S&P Oil & Gas Exploration	DRIP	-50.22	-74.25	-53.20	87
VelocityShares Daily 2x VIX Short Term	TVIX	-4.75	-75.59	-87.03	556
ProShares UltraPro 3x Short Crude Oil	OILD	-55.06	-83.23	N/A	20
VelocityShares 3x Inverse Crude Oil ETN	DWT	-56.94	-83.59	N/A	230
ProShares Short VIX Short-Term Futures	SVXY	-90.08	-83.94	-31.56	526