

HV ETF Cutline Report: As of 7/17/2020

Ticker	ETF Name	Orientation	%M/A		4 wk	8 wk	12 wk	YTD	M-Index	DD%
GDXJ	VanEck Vectors Junior Gold Miners	Commodity Producers	35.97%	+186	22.42%	18.09%	31.49%	28.92	25	0.00%
SIL	Global X Silver Miners	Commodity Producers	32.26%	+185	21.07%	14.25%	31.82%	23.88	23	-23.23%
GDX	Mkt Vector Gold Miners	Specialty-Precious Met	31.71%	+184	17.17%	10.58%	15.86%	33.66	19	0.00%
RING	iShares MCSI Global Gold Miners Fund	Commodity Producers	31.03%	+183	17.27%	10.37%	12.33%	33.69	18	0.00%
XBI	SPDR Series Trust SPDR S&P Biotech	Health & Biotech Equiti	26.17%	+182	9.09%	11.97%	22.40%	24.92	17	0.00%
BBH	VanEck Vectors Biotech	Health & Biotech	22.38%	+181	6.59%	11.08%	17.34%	26.14	15	0.00%
AGQ	ProShares Ultra Silver	Leveraged Commodity	20.01%	+180	18.87%	21.14%	55.40%	4.26	25	-41.52%
QQQ	PowerShares QQQ Trust, Series 1	Large Growth	19.45%	+179	6.22%	12.96%	21.32%	22.17	16	-1.72%
IBB	Nasdaq Biotechnology	Health & Biotech Equiti	18.74%	+178	4.43%	7.96%	14.09%	19.66	12	-57.76%
FBT	1st Trust Biotechnology Index	Health & Biotech Equiti	18.32%	+177	3.68%	7.32%	13.53%	19.13	11	0.00%
IGV	iShares North American Tech-Software	Technology Equities	18.04%	+176	2.79%	9.70%	23.23%	22.96	15	-4.54%
IYW	Dow Jones US Technology	Technology Equities	17.49%	+175	4.87%	11.28%	21.98%	19.23	14	-1.81%
SMH	VanEch Vectors Semiconductor	Technology Equities	16.83%	+174	6.25%	16.10%	21.45%	13.27	14	-0.24%
ASHR	Deutsche X-Trackers China A-Shares	China Equities	16.52%	+173	14.41%	23.14%	23.42%	11.79	18	-5.35%
MGK	Vanguard Mega Cap Growth	Large Cap Growth Equi	16.45%	+172	5.74%	11.72%	20.53%	17.56	14	-1.05%
SOXX	iShares PHLX SOX Semiconductor Secto	Technology Equities	16.17%	+171	5.07%	14.78%	21.71%	11.93	13	-0.40%
VCR	Vanguard Consumer Discretionary	Consumer Discretionar	16.14%	+170	7.16%	14.40%	25.39%	12.13	15	-0.97%
VGT	Vanguard Info Technology	Technolgy Equities	15.92%	+169	4.51%	10.96%	21.79%	16.45	13	-1.36%
XLK	Technology Select *	Technology Equities	15.68%	+168	4.49%	10.72%	20.53%	16.68	13	-1.18%
VUG	Vanguard Growth	Large Cap Growth	15.66%	+167	5.43%	11.49%	20.44%	16.02	13	-0.66%
CWB	SPDR Barclays Convertible Securities	Convertible Bonds	15.11%	+166	5.71%	13.84%	21.81%	14.54	14	-0.63%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	15.06%	+165	5.73%	11.27%	20.07%	14.76	13	-0.25%
MCHI	iShares MSCI China	China Equities	14.68%	+164	9.33%	20.43%	19.26%	11.02	15	-7.26%
IWF	Russell 1000 Growth	Large Growth	14.67%	+163	5.52%	11.06%	19.20%	14.21	12	-0.86%
FXH	1st Trust Health Care AlphaDEX	Health & Biotech Equiti	14.26%	+162	5.99%	7.04%	12.61%	13.59	10	0.00%
ITB	iShares DJ US Home Construction	Building and Constructi	14.26%	+161	9.75%	14.86%	48.73%	8.24	20	-4.62%
SLV	iShares Silver Trust	Precious Metals	13.89%	+160	9.22%	12.28%	26.74%	7.91	14	-8.11%
IWW	S&P 500/BARRA Growth	Large Growth	13.14%	+159	5.29%	10.55%	18.13%	12.12	12	-0.22%
VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	13.11%	+158	4.89%	10.50%	17.92%	12.10	11	-0.35%
SPYG	S&P 500 Growth	Large Cap Growth	13.05%	+157	4.90%	10.51%	17.93%	12.02	11	-0.34%
IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	12.62%	+156	5.10%	10.49%	18.25%	11.06	11	-0.27%
EWD	iShares Sweden Index	Europe Stock	12.46%	+155	12.14%	21.89%	29.95%	4.30	17	-6.53%
MTUM	iShares Edge MSCI USA Momentum Fact	All Cap Equities	12.45%	+154	7.18%	12.27%	18.51%	10.80	12	-0.43%
VOT	Vanguard Mid-Cap Growth	Mid-Cap Growth	12.26%	+153	4.72%	11.42%	20.86%	8.86	11	0.00%
IAU	iShares Gold Trust	Precious Metals	12.10%	+152	3.78%	4.28%	4.79%	19.08	8	-0.23%
ZROZ	PIMCO 25 Yr Zero Coupon US Treas Idx	Government Bonds	12.10%	+151	4.27%	1.35%	-4.22%	33.35	9	-6.50%
GLD	SPDR Gold Shares	Precious Metals	11.99%	+150	3.71%	4.23%	4.60%	18.95	8	-0.13%
XHB	SPDR Series Trust SPDR Home Builders	Building & Construction	11.94%	+149	8.83%	17.74%	44.09%	3.20	18	-4.41%
IWP	Russell MidCap Growth	Mid-Cap Growth	11.81%	+148	4.29%	10.48%	20.75%	8.21	11	0.00%
PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	11.52%	+147	5.44%	9.58%	17.81%	9.37	11	-0.01%
IHI	iShares DJ US Medical Devices	Health & Biotech Equiti	11.47%	+146	8.31%	9.88%	10.65%	8.44	9	0.00%

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XLY	Consumer Discretionary Sec.*	Consumer Discretionar	11.46%	+145	5.07%	10.40%	19.23%	6.79	10	-0.73%
EWT	iShares Taiwan Index	Pacific Asia/excl. Japan	11.26%	+144	8.28%	17.61%	21.27%	4.36	13	-0.16%
EDV	Vanguard Extended Duration Treasury	Government Bonds	11.17%	+143	3.74%	1.11%	-3.43%	30.79	8	-4.75%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	10.71%	+142	3.75%	9.86%	20.16%	6.47	10	-0.88%
XRT	SPDR S&P Retail *	Consumer Discretionar	10.48%	+141	7.30%	15.57%	31.09%	-1.91	13	-13.75%
VBK	Vanguard SmallCap Growth	Small Cap Growth	10.37%	+140	3.97%	9.61%	23.71%	3.87	10	-1.75%
IYM	Dow Jones US Basic Mat's	Materials	10.25%	+139	10.16%	15.57%	23.99%	-0.72	12	-10.22%
EWN	iShares Netherlands Index	Europe Stock	10.02%	+138	6.21%	16.75%	23.60%	1.93	12	-0.87%
VHT	Vanguard Health Care	Health & Biotech Equiti	9.90%	+137	5.57%	6.92%	7.79%	6.69	7	0.00%
XLB	Materials Select Sector *	Materials	9.66%	+136	8.86%	15.55%	22.66%	-0.31	12	-4.57%
IYH	Dow Jones US Healthcare	Specialty-Health	9.51%	+135	6.06%	6.89%	7.29%	6.29	7	0.00%
TLT	iShares 20+ Treas. Bd	Government Bonds	8.95%	+134	2.70%	0.74%	-2.38%	23.04	6	-2.63%
VOX	Vanguard Telecom Serv's	Communication Equitie	8.76%	+133	3.31%	6.94%	17.09%	4.92	8	-5.40%
PJP	Dynamic Pharmaceuticals	Health & Biotech Equiti	8.68%	+132	5.37%	5.92%	8.83%	4.27	6	-9.02%
IWO	Russell 2000 Growth	Small Growth	8.39%	+131	5.19%	9.35%	22.88%	-0.17	9	-4.91%
VCLT	Vanguard Long-Term Corporate Bond	Corporate Bonds	8.37%	+130	4.82%	7.99%	7.20%	9.43	7	0.00%
BLV	Vanguard Long Term Bond	Long-Term Bond	8.32%	+129	3.68%	4.72%	3.18%	14.51	7	0.00%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	8.21%	+128	7.63%	17.89%	17.83%	0.71	11	-11.45%
VAW	Vanguard Materials VIPERS	Materials	8.21%	+127	8.30%	14.76%	22.85%	-2.94	11	-9.94%
EWG	iShares Germany Index	Europe Stock	8.20%	+126	7.81%	19.03%	28.12%	-1.50	13	-19.10%
IYK	Dow Jones US Cons. Goods	Consumer Staples Equi	8.14%	+125	6.72%	13.16%	15.91%	2.48	10	-2.42%
FV	First Trust VL Dividend	Large Cap Value Equiti	7.97%	+124	1.76%	5.27%	13.37%	4.53	6	-2.89%
IXJ	S&P Global Healthcare	Health & Biotech Equiti	7.94%	+123	4.30%	5.85%	5.74%	5.23	5	-41.31%
XLV	Health Care Select SPDR *	Health & Biotech Equiti	7.56%	+122	5.10%	6.29%	5.58%	4.12	5	0.00%
IYC	iShares US Consumer Services	Consumer Discretionar	7.41%	+121	4.82%	8.97%	16.51%	1.24	8	-3.23%
TLH	iShares Lehman 10-20 Yr Treasury	Government Bonds	7.15%	+120	1.62%	0.55%	-0.65%	17.52	5	-1.52%
VXF	Vanguard Extended Markets VIPERS	Mid Cap Blend	7.11%	+119	4.69%	12.20%	24.78%	-2.08	10	-6.91%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equ	6.91%	+118	4.53%	11.77%	16.13%	0.85	8	-1.90%
XPH	SPDR Pharmaceuticals	Health & Biotech Equiti	6.79%	+117	4.10%	3.45%	10.08%	-2.15	4	-10.61%
VV	Vanguard LargeCap	Large Cap Blend	6.69%	+116	4.06%	9.42%	14.60%	1.27	7	-4.27%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	6.50%	+115	4.01%	9.45%	14.90%	0.83	7	-4.55%
IWB	Russell 1000 Index	Large Blend	6.43%	+114	4.37%	9.56%	15.01%	0.54	7	-4.73%
LQD	iShares iBoxx \$ Liquid Invest. Gr.	Corporate Bonds	6.38%	+113	2.49%	5.07%	5.71%	7.33	5	0.00%
IHE	iShares DJ US Pharmaceuticals	Health & Biotech Equiti	6.37%	+112	4.36%	4.80%	6.30%	0.68	4	-5.04%
GSLC	Goldman Sachs ActiveBeta U.S. Large C	Large Cap Blend Equiti	6.29%	+111	4.05%	8.87%	13.91%	1.04	7	-4.48%
IHF	iShares DJ US Healthcare Provid's	Health & Biotech Equiti	6.25%	+110	4.78%	4.07%	6.86%	0.51	4	-4.63%
SPHQ	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	6.21%	+109	4.24%	7.62%	12.20%	1.01	6	-2.59%
ITOT	iShares Core S&P Total U.S. Stock Marke	All Cap Equities	6.05%	+108	4.34%	9.46%	15.33%	-0.25	7	-5.22%
VTI	Total Stock Market VIPERS	All Cap Equities	6.04%	+107	3.89%	9.33%	15.22%	-0.17	7	-5.22%
SCHB	Schwab U.S. Broad Market	All Cap Equities	6.03%	+106	3.93%	9.48%	15.33%	-0.30	7	-5.29%
IWV	Russell 3000 Index	All Cap Equities	6.00%	+105	4.31%	9.45%	15.29%	-0.33	7	-5.29%
EWL	iShares Switzerland Index	Europe Stock	5.98%	+104	4.47%	9.50%	10.77%	1.06	6	-3.17%
SPY	SPDR S&P 500	Large Cap Blend	5.86%	+103	4.24%	8.88%	13.69%	0.09	7	-4.91%
IVV	S&P 500	Large Blend	5.86%	+102	4.28%	8.97%	13.77%	0.05	7	-4.97%

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VOO	Vanguard S&P 500	Large Cap Blend Equiti	5.82%	+101	3.71%	8.84%	13.61%	0.08	7	-4.94%
VWO	Vanguard Emerging Markets	Emerging Markets Equi	5.81%	+100	6.78%	17.69%	21.15%	-4.41	10	-16.61%
IJK	S&P MidCap 400/BARRA Growth	Mid-Cap Growth	5.77%	+99	4.24%	8.49%	19.94%	-2.70	7	-6.21%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equi	5.60%	+98	6.70%	18.14%	21.43%	-4.64	10	-15.96%
EWY	iShares S. Korea Index	Pacific Asia/excl. Japan	5.52%	+97	4.74%	16.03%	19.31%	-4.47	9	-24.80%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	5.45%	+96	7.14%	17.40%	20.21%	-4.60	10	-17.88%
HEWG	iShares Currency Hedged MSCI Germany	Europe Equities	5.10%	+95	4.23%	13.67%	21.32%	-2.60	9	-7.32%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	5.03%	+94	3.92%	7.09%	12.97%	-0.99	6	-4.93%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equi	5.03%	+93	7.10%	17.09%	20.24%	-5.19	10	-18.70%
PEZ	PowerShares High Yield Divi Achievers	All Cap Equities	4.99%	+92	9.86%	16.75%	24.51%	-8.30	11	-15.47%
ACWI	iShares MSCI ACWI	Global Equities	4.83%	+91	4.79%	10.70%	15.49%	-2.38	7	-5.47%
FXI	iShares China 25 Index	China Equities	4.80%	+90	5.56%	13.49%	11.44%	-2.43	7	-21.19%
EWM	iShares Malaysia Index	Emerging Markets Equi	4.79%	+89	7.45%	11.76%	17.39%	-4.21	8	-25.23%
VCIT	Vanguard Intermediate-Term Corporate B	Corporate Bonds	4.78%	+88	1.03%	4.04%	5.59%	5.21	4	0.00%
VT	Vanguard Total World Stock Index	Global Equities	4.64%	+87	4.04%	11.21%	16.34%	-3.17	7	-5.86%
IEF	iShares Lehman 7-10 Yr Treasury	Government Bonds	4.50%	+86	0.40%	0.12%	-0.09%	10.64	3	-0.31%
SCHP	Schwab U.S. TIPs	Inflation-Protected Bon	4.49%	+85	1.51%	2.17%	2.19%	7.19	3	0.00%
FEZ	SPDR Euro Stoxx 50	Europe Stock	4.49%	+84	6.17%	20.78%	26.08%	-7.31	11	-14.82%
VO	Vanguard Mid-Cap	Mid-Cap Blend	4.41%	+83	3.74%	10.46%	17.50%	-3.90	7	-8.18%
BIV	Vanguard Intermed. Term Bond	Intermediate-Term Bon	4.41%	+82	0.74%	1.94%	2.70%	7.36	3	0.00%
IHDG	WisdomTree International Hedged Divide	Foreign Large Cap Equ	4.24%	+81	1.33%	6.65%	11.10%	-0.77	5	-4.57%
TIP	iShares TIPS Bond Fd	Inflation-Protected Bon	4.21%	+80	1.49%	2.19%	1.78%	6.72	3	0.00%
EZU	European Monetary Union Index	Europe Stock	3.75%	+79	6.80%	18.51%	23.95%	-7.50	10	-18.04%
VIG	Vanguard Div. Appreciation	Large Cap Value Equiti	3.71%	+78	4.62%	7.91%	9.21%	-1.48	5	-6.14%
BAB	PowerShares Build America Bond Portfoli	National Munis	3.68%	+77	1.31%	4.66%	4.40%	4.90	4	-4.13%
GOVT	iShares Core U.S. Treasury Bond	Government Bonds	3.54%	+76	0.68%	0.14%	-0.35%	8.38	2	-0.67%
BND	Vanguard Total Bond Market	Intermediate-Term Bon	3.47%	+75	0.97%	1.37%	1.46%	5.99	2	0.00%
SCHZ	Schwab US Aggregate Bond	Total Bond Market	3.43%	+74	0.84%	1.16%	1.42%	5.80	2	0.00%
FEX	First Trust Large Cap Core AlphaDEX	Large Cap Blend Equity	3.40%	+73	2.07%	9.72%	17.52%	-5.67	6	-8.79%
AGG	iShares Lehman Aggregate Bond	Intermediate-Term Bon	3.34%	+72	0.92%	1.23%	1.30%	5.75	2	0.00%
MOO	VanEck Vectors Agribusiness	Commodity Producers	3.24%	+71	4.51%	14.81%	17.22%	-7.69	7	-8.64%
FXG	1st Trust Consumer Staples	Consumer Staples Equi	3.22%	+70	2.66%	6.91%	9.06%	-4.50	4	-7.08%
FXE	CurrencyShares Euro Currency Trust	Currency	3.13%	+69	2.19%	4.76%	5.59%	1.50	4	-10.44%
VGIT	Vanguard Intermediate-Term Gov Bonds	Government Bonds	3.06%	+68	0.21%	0.01%	0.06%	6.99	2	-0.08%
BWX	SPDR Lehman Intl Treasury Bond	World Gov Bond	3.00%	+67	2.02%	4.87%	5.24%	1.74	3	-1.81%
SCHR	Schwab Intermediate-Term U.S. Treasury	Government Bonds	2.98%	+66	0.14%	0.00%	-0.05%	6.92	2	-0.20%
IWR	Russell MidCap Index Fs	Mid-Cap Blend	2.91%	+65	3.70%	10.15%	17.73%	-6.42	6	-75.10%
IEI	iShares Lehman 3-7 Yr. Treasury	Government Bonds	2.81%	+64	0.19%	0.12%	0.21%	6.27	2	-0.06%
BOND	PIMCO Total Return Active Exchange-Tra	Total Bond Market	2.69%	+63	0.76%	2.14%	2.32%	3.90	2	-0.96%
VEU	Vanguard FTSE All-World ex-US	Global Equities	2.68%	+62	4.28%	13.71%	17.12%	-6.95	7	-15.20%
GVI	iShares Lehman Intern. Govt/Credit	Total Bond Market	2.65%	+61	0.25%	0.90%	1.37%	4.62	2	-0.05%
FLTB	Fidelity Limited Term Bond	Corporate Bonds	2.59%	+60	0.32%	1.59%	2.56%	3.20	2	0.00%
VXUS	Vanguard Total International Stock	Global Equities	2.57%	+59	4.29%	13.40%	17.27%	-7.22	7	-15.74%
VDC	Vanguard Consumer Staples	Consumer Staples Equi	2.53%	+58	3.52%	7.23%	5.70%	-2.52	3	-4.81%

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IYJ	Dow Jones US Industrial	Industrial Equities	2.50%	+57	4.59%	11.76%	19.21%	-6.20	7	-9.94%
IXUS	iShares Core MSCI Total International Sto	Global Equities	2.43%	+56	4.87%	13.14%	16.97%	-7.35	7	-15.67%
XLP	Consumer Staples Select *	Consumer Staples	2.32%	+55	3.30%	7.17%	4.91%	-2.05	3	-4.94%
VSS	Vanguard FTSE All-Wld ex-US SmCP Idx	Foreign Small & Mid Ca	2.26%	+54	4.41%	12.87%	19.44%	-9.24	7	-20.86%
RHS	Guggenheim S&P 500 = Wt. Consum Sta	Consumer Staples	2.24%	+53	2.35%	7.73%	5.49%	-3.22	3	-5.32%
NOBL	ProShares S&P 500 Dividend Aristocrats	Large Cap Value Equiti	2.18%	+52	3.60%	10.49%	13.60%	-6.53	5	-7.68%
VCSH	Vanguard Short-Term Corporate Bond	Corporate Bonds	2.16%	+51	0.38%	1.36%	2.48%	2.17	2	0.00%
ACWX	iShares MSCI ACWI ex US	Global Equities	2.13%	+50	4.92%	12.94%	16.35%	-7.35	7	-15.54%
VGK	Vanguard European	Europe Equities	1.99%	+49	4.78%	14.34%	18.53%	-9.10	7	-16.48%
IEV	S&P Europe 350 Index	Europe Stock	1.94%	+48	5.57%	13.95%	17.76%	-8.79	7	-15.91%
PZA	Pshares Insured National Munis	National Munis	1.92%	+47	0.83%	1.90%	5.09%	1.44	2	-2.51%
INDA	iShares MSCI India	Emerging Markets Equi	1.89%	+46	9.94%	20.64%	22.32%	-10.30	11	-17.21%
IYT	Dow Jones Transportation	Transportation Equities	1.86%	+45	9.14%	16.76%	21.22%	-10.21	9	-15.82%
VTIP	Vanguard Short-Term Inflation-Protected	Inflation-Protected Bon	1.84%	+44	0.50%	1.29%	2.05%	2.29	2	0.00%
MUB	iShares S&P National Muni Bond	National Munis	1.84%	+43	0.76%	1.32%	3.77%	1.87	2	-1.32%
BSV	Vanguard Short Term Bond	Total Bond Market	1.74%	+42	0.16%	0.35%	0.67%	3.14	1	0.00%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	1.71%	+41	3.41%	12.16%	16.40%	-8.08	6	-15.64%
DIA	SPDR Dow Jones Industrial Average	Large Cap Value	1.68%	+40	3.07%	8.93%	12.16%	-6.28	4	-9.80%
EMB	iShares Emerging Markets Bond	Emerging Market Bond	1.65%	+39	1.80%	4.92%	13.02%	-3.37	4	-6.16%
SCHF	Schwab International Equity	Foreign Large Cap Equ	1.54%	+38	3.13%	12.04%	15.99%	-7.61	6	-14.77%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	1.54%	+37	0.98%	9.66%	13.42%	-6.19	4	-16.31%
JXI	iShares S&P Global Utilities	Utilities Equities	1.47%	+36	6.00%	10.26%	8.95%	-3.16	6	-11.45%
VB	Vanguard SmallCap	Small Cap Blend	1.46%	+35	2.69%	8.96%	20.33%	-9.68	6	-12.08%
VWOB	Vanguard Emerging Markets Gov Bonds	Emerging Markets Bon	1.39%	+34	1.66%	4.12%	11.90%	-3.16	4	-5.38%
RSP	Guggenheim S&P Equal Weight	Large Blend	1.31%	+33	2.71%	9.91%	15.75%	-8.43	5	-10.84%
TOTL	SPDR DoubleLine Total Return Tactical	Total Bond Market	1.29%	+32	0.42%	1.20%	2.01%	1.39	1	-1.35%
FXY	CurrencyShares Japanese Yen Trust	Currency	1.14%	+31	-0.15%	0.59%	0.33%	1.27	1	-8.42%
IJT	S&P SmallCap 600/BARRA Growth	Small Growth	1.13%	+30	4.25%	9.57%	19.80%	-10.20	6	-16.84%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equ	1.13%	+29	3.89%	11.34%	15.46%	-8.42	6	-15.87%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equ	1.10%	+28	4.05%	11.52%	15.03%	-8.29	6	-15.60%
FXD	First Trust Cons. Discret. AlphaDEX	Consumer Discretionar	1.06%	+27	3.63%	14.76%	30.28%	-13.89	9	-14.87%
EWQ	iShares France Index	Europe Stock	1.05%	+26	6.71%	19.40%	22.09%	-11.55	9	-14.62%
EWJ	iShares Japan Index	Japan Stock	1.03%	+25	0.23%	6.63%	10.36%	-5.12	3	-13.16%
USMV	iShares Edge MSCI Min Vol USA	All Cap Equities	1.02%	+24	3.47%	5.84%	7.51%	-4.02	3	-9.76%
SHY	iShares Lehman 1-3 Year Treasury	Government Bonds	1.01%	+23	0.02%	-0.07%	-0.06%	2.32	1	-0.25%
VGSH	Vanguard Short-Term Government	Government Bonds	0.96%	+22	0.00%	-0.13%	-0.13%	2.24	0	-0.27%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	0.94%	+21	3.92%	11.12%	17.85%	-11.02	5	-21.32%
SCHO	Schwab Short-Term U.S. Treasury	Government Bonds	0.94%	+20	-0.02%	-0.17%	-0.17%	2.18	0	-0.27%
SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	0.92%	+19	3.21%	9.41%	21.02%	-11.38	6	-14.10%
DGRO	iShares Core Dividend Growth	Large Cap Value Equiti	0.86%	+18	3.09%	7.86%	10.17%	-7.23	3	-9.60%
BNDX	Vanguard Total International Bond	Total Bond Market	0.74%	+17	0.33%	0.82%	1.37%	2.21	1	-2.35%
SCHM	Schwab U.S. Mid Cap	Mid Cap Blend Equities	0.70%	+16	2.40%	9.16%	18.85%	-9.99	5	-12.87%
EWI	iShares Italy Index	Europe Stock	0.65%	+15	8.12%	23.94%	28.38%	-12.02	12	-25.00%
IWM	Russell 2000	Small Blend	0.59%	+14	3.97%	8.67%	19.75%	-11.75	5	-15.28%

Ticker	ETF Name	Orientation	%M/A		4 wk	8 wk	12 wk	YTD	M-Index	DD%
HEZU	iShares Currency Hedged MSCI Eurozon	Europe Equities	0.58%	+13	3.76%	13.32%	17.69%	-8.34	7	-12.41%
PHB	PowerShares High Yield Corp Bond	High Yield Bonds	0.50%	+12	0.54%	4.11%	6.76%	-3.90	2	-4.45%
FLOT	iShares Floating Rate Bond	Corporate Bonds	0.47%	+11	0.14%	0.78%	1.40%	-0.71	0	-1.02%
EWK	iShares Belgium Index	Europe Stock	0.38%	+10	5.58%	19.88%	19.47%	-11.82	8	-23.43%
MDY	MidCap Trust Series I	Mid-Cap Blend	0.36%	+9	2.97%	8.27%	18.61%	-11.14	5	-12.87%
IJH	S&P MidCap 400	Mid-Cap Blend	0.30%	+8	3.05%	8.26%	18.63%	-11.21	5	-12.96%
PGF	PowerShares Fin. Preferred Portf.	Specialty-Financial	0.30%	+7	0.83%	1.95%	2.70%	-3.08	1	-6.40%
FTSM	First Trust Enhanced Short Maturity	Total Bond Market	0.30%	+6	0.13%	0.33%	0.84%	-0.03	0	-0.27%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	0.22%	+5	2.44%	9.54%	16.58%	-10.91	4	-20.02%
HEDJ	WisdomTree Europe Hedged Equity	Europe Equities	0.21%	+4	3.00%	12.99%	16.22%	-10.16	6	-12.38%
DBEU	Deutsche X-Trackers MSCI Europe Hedg	Europe Equities	0.08%	+3	2.23%	9.00%	12.53%	-8.19	4	-11.36%
PGX	PowerShares Preferred Portfolio	Preferred Stock/Conver	0.05%	+2	0.35%	1.91%	3.29%	-3.80	0	-6.72%
BSJI	Guggenheim BulletShares High Yield Cor	High Yield Bonds	0.00%	+1	0.00%	0.00%	0.00%	-100.00	-25	-100.00%
EWC	iShares Canada Index	Foreign Large Cap Equ	-0.02%	-1	4.63%	10.21%	14.82%	-9.92	5	-12.67%
GUNR	FlexShares Global Upstream Natural Res	Commodity Producers	-0.11%	-2	4.39%	9.22%	15.21%	-13.96	4	-18.72%
IYZ	Down Jones US Telecom	Commun. Equities	-0.17%	-3	1.66%	4.55%	4.47%	-5.42	1	-22.69%
DBEF	Deutsche X-Trackers MSCI EAFE Hedge	Foreign Large Cap Equ	-0.21%	-4	1.30%	8.10%	11.31%	-7.74	3	-10.53%
SCHD	Schwab US Dividend Equity	All Cap Equities	-0.21%	-5	0.77%	5.21%	7.76%	-7.78	1	-10.00%
JNK	Barclays Cap. High Yield Bond	High Yield Bond	-0.37%	-6	0.61%	3.39%	7.32%	-5.34	1	-68.08%
ACWV	iShares Edge MSCI Min Vol Global	Global Equities	-0.37%	-7	3.29%	5.26%	5.56%	-5.28	2	-8.81%
SJNK	SPDR Barclays Short Term High Yield Bo	High Yield Bonds	-0.37%	-8	0.47%	3.89%	6.71%	-4.86	2	-8.96%
HYG	iShares Lehman Hi-Yield Corp.	High Yield Bond	-0.39%	-9	0.77%	2.82%	6.64%	-5.03	1	-6.13%
HEWJ	iShares Currency Hedged MSCI Japan	Japan Equities	-0.40%	-10	-0.61%	5.77%	9.50%	-6.61	2	-12.58%
EWA	iShares Australia Index	Asia Pacific Equities	-0.61%	-11	4.73%	14.88%	21.39%	-11.62	7	-17.38%
FNDX	Schwab Fundamental U.S. Large Compa	Large Cap Value Equiti	-0.62%	-12	2.22%	7.83%	12.20%	-10.55	3	-12.46%
BKLN	PowerShares Exchange-Traded Fund Tru	High Yield Bonds	-0.70%	-13	-0.46%	1.84%	3.74%	-5.21	0	-7.64%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equ	-0.81%	-14	1.30%	8.14%	11.27%	-7.82	3	-10.70%
PFF	iShares S&P Preferred Stock	Preferred Stock/Conver	-0.91%	-15	0.83%	2.88%	3.85%	-5.91	0	-12.31%
INDY	iShares S&P India Nifty 50 Index Fund	Emerging Markets Equi	-0.91%	-16	8.52%	22.05%	21.42%	-14.47	9	-16.42%
PCY	PowerShares Emerging Markets Sovereig	Emerging Markets Bon	-0.97%	-17	1.34%	6.14%	13.80%	-8.16	3	-12.34%
FXB	CurrencyShares British Pound	Currency	-1.07%	-18	1.67%	3.22%	1.57%	-5.19	0	-16.34%
VIS	Vanguard Industrials	industrials Equities	-1.17%	-19	4.13%	12.49%	18.09%	-11.68	6	-15.32%
PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	-1.27%	-20	2.16%	7.90%	11.98%	-11.29	3	-13.34%
FPE	First Trust Preferred Securities and Incom	Preferred Stock	-1.28%	-21	0.75%	2.91%	5.40%	-6.58	1	-8.54%
SHYG	iShares 0-5 Year High Yield Corporate Bo	High Yield Bonds	-1.35%	-22	0.74%	3.34%	5.43%	-5.93	1	-9.10%
XLI	Industrial Select Sector *	Industrial Equities	-1.36%	-23	4.00%	12.78%	16.94%	-11.53	6	-15.52%
DBJP	Deutsche X-Trackers MSCI Japan Hedge	Japan Equities	-1.49%	-24	-2.41%	3.78%	7.60%	-7.89	0	-15.66%
TUR	iShares Turkey Investment Index	Emerging Markets Equi	-1.53%	-25	3.83%	11.16%	18.24%	-12.62	5	-49.92%
HYS	PIMCO 0-5 Year High Yield Corp Bond	High Yield Bonds	-1.54%	-26	0.28%	3.79%	6.90%	-6.88	1	-8.92%
FXU	1st Trust Utilities AlphaDEX	Utilities Equities	-1.56%	-27	3.58%	4.33%	3.81%	-6.65	1	-14.45%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	-1.72%	-28	3.76%	13.00%	14.36%	-11.48	5	-18.78%
XLU	Utilities Select Sector *	Utilities Equities	-1.73%	-29	4.73%	6.60%	3.24%	-6.69	2	-15.17%
VRP	PowerShares Variable Rate Preferred Por	Preferred Stock	-1.79%	-30	0.55%	3.11%	4.78%	-7.37	0	-9.34%

Ticker	ETF Name	Orientation	%M/A		4 wk	8 wk	12 wk	YTD	M-Index	DD%
PKW	PowerShares Buyback Achievers	All Cap Equities	-2.27%	-31	1.72%	10.04%	13.65%	-14.02	3	-16.07%
SPLV	PowerShares S&P 500 Low Volat.	Large Cap Blend	-2.40%	-32	5.76%	9.95%	6.54%	-9.83	3	-15.40%
IDU	Dow Jones US Utilities	Utilities Equities	-2.41%	-33	5.48%	6.29%	3.10%	-7.86	2	-15.79%
VPU	Vanguard Utilities VIPERS	Utilities Equities	-2.44%	-34	4.49%	5.80%	2.85%	-7.84	1	-15.73%
PIN	PowerShares India Portfolio	Emerging Markets Equi	-2.57%	-35	9.41%	19.46%	22.06%	-7.00	11	-64.99%
PXF	PowerShares FTSE RAFI Developed Mar	Foreign Large Cap Equ	-2.57%	-36	3.11%	13.42%	16.53%	-14.82	5	-25.81%
UUP	PowerShares DB US Dollar Bullish	Currency	-2.76%	-37	-1.71%	-3.93%	-4.56%	-0.19	-3	-7.69%
PPLT	ETFS Physical Platinum Shares	Precious Metals	-2.94%	-38	2.21%	0.66%	8.99%	-13.34	0	-30.46%
XME	SPDR S&P Metals & Mining	Commodity Producers	-2.96%	-39	6.97%	11.11%	24.57%	-23.59	5	-42.79%
SDY	SPDR Dividend ETF	Large Value	-2.97%	-40	1.96%	7.85%	9.78%	-13.01	2	-13.96%
DXJ	Wisdom Tree Japan Hedged Equity	Japan Stock	-3.05%	-41	-0.96%	5.59%	10.06%	-11.37	1	-23.98%
GNR	SPDR S&P Global Natural Resources	Commodity Producers	-3.10%	-42	3.02%	6.94%	12.89%	-17.14	1	-28.02%
IVE	S&P 500/BARRA Value	Large Value	-3.22%	-43	2.77%	6.75%	8.06%	-13.48	1	-14.74%
VYM	Vanguard High Div. Yield Index	Large Cap Value	-3.28%	-44	1.32%	5.99%	6.49%	-12.84	0	-13.95%
IJR	S&P Sm.Cap 600	Small Blend	-3.29%	-45	3.77%	9.32%	18.70%	-17.07	4	-22.82%
VTV	Vanguard Value	Large Cap Value	-3.30%	-46	2.14%	6.73%	7.62%	-13.34	1	-14.59%
SCHV	Schwab U.S. Large-Cap Value	Large Cap Value Equiti	-3.34%	-47	1.76%	7.09%	8.52%	-13.52	1	-14.89%
IWD	Russell 1000 Value	Large Value	-3.47%	-48	2.75%	7.29%	9.69%	-14.02	1	-15.36%
EWH	iShares Hong Kong Index	China Equities	-3.48%	-49	1.40%	10.22%	2.75%	-10.82	1	-20.15%
RSX	Market Vectors Russia	Emerging Markets Equi	-3.74%	-50	1.82%	5.41%	15.32%	-14.84	2	-20.10%
IWS	Russell MidCap Value	Mid-Cap Value	-3.83%	-51	2.84%	9.58%	14.75%	-16.25	3	-18.02%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	-3.95%	-52	2.76%	9.45%	13.59%	-16.30	2	-18.14%
DFE	Wisdom Tree Europe SmCap Div.	Europe Stock	-3.96%	-53	4.92%	14.65%	21.05%	-20.39	5	-31.40%
FTGC	First Trust Global Tactical Commodity Str	Commodities	-4.12%	-54	3.03%	7.25%	11.98%	-15.54	2	-27.13%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equ	-4.41%	-55	3.33%	12.25%	15.05%	-16.63	4	-30.30%
EWP	iShares Spain Index	Europe Stock	-4.52%	-56	6.25%	17.71%	19.78%	-17.39	7	-34.33%
HDV	iShares Core High Dividend	Large Cap Value Equiti	-4.59%	-57	1.50%	3.02%	4.86%	-14.75	-1	-15.16%
EZA	iShares South Africa Index	Emerging Markets Equi	-4.67%	-58	9.51%	15.18%	27.05%	-21.07	8	-49.07%
DEM	WisdomTree Emerg. Mkts Hi-Yld E.	Emerging Mkts Equities	-4.70%	-59	1.43%	8.01%	12.47%	-17.77	1	-25.20%
VLUE	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	-4.78%	-60	2.26%	7.44%	11.30%	-16.87	1	-18.46%
DWX	SPDR S&P International Dividend	Foreign Large Cap Equ	-4.85%	-61	1.30%	9.53%	10.20%	-14.65	2	-20.18%
IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	-5.50%	-62	1.56%	8.40%	17.49%	-19.36	2	-20.21%
IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	-6.14%	-63	1.55%	7.98%	16.90%	-20.47	1	-21.29%
THD	iShares Thailand Capped Invest Mrkt Idx	Emerging Markets Equi	-6.35%	-64	-1.68%	4.21%	8.98%	-19.59	-2	-30.94%
DHS	Wisdom Tree High-Yield Equity	Large Cap Value	-6.39%	-65	0.92%	4.84%	6.13%	-16.64	-1	-17.54%
SDOG	ALPS Sector Dividend Dogs	Large Cap Value Equiti	-6.40%	-66	1.87%	9.82%	12.55%	-19.72	1	-23.68%
VBR	Vanguard SmallCap Value	Small Cap Value	-6.48%	-67	1.46%	8.17%	16.81%	-20.58	1	-23.67%
ICF	Cohen & Steers Realty	Real Estate	-6.49%	-68	-0.62%	6.36%	5.33%	-13.26	-1	-19.73%
DBC	PowerShares DB Commodity Index	Commodities	-6.51%	-69	2.68%	9.61%	18.32%	-20.68	2	-31.72%
IYR	Dow Jones US Real Estate	Real Estate	-6.69%	-70	-0.87%	7.20%	8.64%	-14.90	0	-21.16%
VNQ	Vanguard REIT Index	Real Estate	-6.84%	-71	-1.77%	6.93%	8.14%	-14.99	0	-20.99%
FDL	1st Trust Morningstar Div. Lead's	Large Cap Value	-6.95%	-72	0.31%	6.67%	8.93%	-19.37	-1	-19.77%
IYF	Dow Jones US Financial Sector	Specialty-Financial	-6.96%	-73	0.17%	7.97%	11.15%	-18.08	0	-21.44%
ECH	iShares Chile Index	Latin America	-7.09%	-74	3.52%	7.83%	15.11%	-20.70	1	-52.93%

Ticker	ETF Name	Orientation	%M/A		4 wk	8 wk	12 wk	YTD	M-Index	DD%
DJP	Bloomberg Commodity Index	Commodities	-7.44%	-75	3.61%	6.99%	12.59%	-20.99	1	-29.63%
KIE	SPDR S&P Insurance	Specialty-Financial	-7.49%	-76	2.47%	8.96%	14.42%	-19.45	2	-69.55%
IYG	Dow Jones US Financial Serv's	Specialty-Financial	-7.55%	-77	-1.16%	7.39%	12.63%	-19.86	0	-22.17%
EPHE	iShares MSCI Philippines	Emerging Markets Equi	-8.02%	-78	-1.53%	12.65%	13.70%	-21.39	1	-33.20%
DBA	PowerShares DB Agriculture Fd	Agriculture Commoditie	-8.04%	-79	1.63%	1.48%	2.93%	-17.16	-3	-40.29%
EWU	iShares United Kingdom Index	Europe Stock	-8.05%	-80	2.74%	6.36%	8.66%	-21.65	-1	-29.78%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equi	-8.11%	-81	2.37%	4.27%	10.53%	-20.56	-1	-33.20%
EFZ	ProSharesShort MSCI EAFE	Inverse Equities	-8.18%	-82	-4.22%	-12.54%	-15.73%	-1.07	-8	-32.59%
IJS	S&P SmallCap 600/BARRA Value	Small Value	-8.21%	-83	2.89%	9.12%	17.39%	-24.20	1	-29.41%
IWN	Russell 2000 Value	Small Value	-8.24%	-84	2.42%	8.15%	15.76%	-23.65	1	-28.12%
IDV	iShares International Select Dividend	Foreign Large Cap Equ	-8.32%	-85	3.16%	11.74%	15.45%	-21.99	2	-27.31%
VNQI	Vanguard Global ex-U.S. Real Estate	Global Real Estate	-8.88%	-86	-0.77%	9.39%	10.17%	-19.41	0	-27.02%
XLF	Financial Select Sector *	Financial Equities	-8.93%	-87	-0.13%	9.26%	10.17%	-22.04	-1	-23.16%
EWS	iShares Singapore Index	Pacific Asia/excl. Japan	-9.02%	-88	1.97%	6.92%	8.61%	-20.59	-1	-32.00%
DVY	iShares Select Dividend Index	Large Cap Value	-9.27%	-89	0.88%	5.56%	6.63%	-21.39	-2	-22.65%
DON	Wisdom Tree MidCap Div.	Mid-Cap Value	-9.33%	-90	0.97%	8.55%	14.27%	-23.71	0	-71.36%
VFH	Vanguard Financials	Financials Equities	-9.47%	-91	-0.54%	8.92%	11.54%	-22.93	-1	-24.19%
FXO	1st Trust Financials AlphaDEX	Financial Equities	-9.53%	-92	-2.65%	10.74%	16.78%	-23.37	0	-25.69%
DES	Wisdom Tree SmallCap Div.	Small Cap Value	-9.73%	-93	1.81%	8.73%	14.66%	-25.43	0	-74.92%
DOG	ProShares Short Dow 30	Bear Market	-10.00%	-94	-3.54%	-9.77%	-13.10%	-6.66	-8	-48.45%
SPHD	PowerShares S&P 500 HiDivLowVol	Large Cap Value	-10.19%	-95	0.39%	6.23%	7.17%	-23.19	-2	-23.88%
XMLV	PowerShares S&P MidCap Low Volatility	Mid Cap Blend Equities	-10.46%	-96	1.22%	3.78%	4.24%	-21.48	-3	-23.70%
IFGL	iShares FTSE EPRA/NAREIT Global Real	Global Real Estate	-11.00%	-97	-1.05%	7.65%	7.85%	-22.13	-2	-25.89%
IGE	iShares North American Natural Resource	Commodity Producers	-11.03%	-98	0.05%	1.44%	10.50%	-27.52	-4	-42.74%
EWZ	iShares Brazil Index	Latin America Stock	-11.58%	-99	5.52%	27.09%	41.43%	-33.81	10	-35.26%
TBF	ProShares Short 20+Year Treasury	Inverse Bonds	-11.70%	-100	-2.82%	-1.49%	1.27%	-22.72	-6	-37.96%
REZ	iShares Residential Real Estate Capped	Specialty-Real Estate	-11.76%	-101	-0.38%	4.06%	8.06%	-20.04	-2	-26.69%
RWM	ProShares Short Russell2000	Inverse Equities	-11.89%	-102	-4.50%	-10.25%	-19.94%	-4.37	-10	-44.21%
SH	Short S&P 500 ProShares ETF	Inverse Equities	-12.48%	-103	-4.46%	-9.51%	-13.80%	-10.90	-10	-48.57%
RPV	Guggenheim S&P 500 Pure Value	Large Value	-12.68%	-104	-0.31%	8.88%	14.41%	-29.41	-2	-31.21%
SCHH	Schwab U.S. REIT	Real Estate	-12.88%	-105	-1.64%	5.53%	6.33%	-23.02	-3	-27.30%
RWO	SPDR DJ Wilshire Global Real Estate	Global Real Estate	-13.24%	-106	-1.86%	6.12%	7.20%	-24.17	-3	-27.16%
RWR	Wilshire REIT Fund	Real Estate	-13.54%	-107	-1.85%	5.21%	5.90%	-23.74	-4	-27.94%
ILF	iShares S&P 40 Latin America	Latin America Stock	-13.63%	-108	2.38%	17.17%	33.27%	-32.85	5	-42.30%
RWX	SPDR DJ Wil Intern. RE	Real Estate	-13.80%	-109	-2.37%	6.65%	8.63%	-24.68	-3	-32.27%
ITA	iShares DJ US Aerospace&Defense	Industrials Equities	-14.66%	-110	-2.92%	6.98%	10.11%	-26.21	-3	-31.74%
FXN	1st Trust Energy AlphaDEX	Energy Equities	-14.78%	-111	-7.92%	-0.76%	19.45%	-38.47	-7	-64.19%
GSG	iShares GSCI Commodity Index	Commodities.	-15.63%	-112	2.90%	11.29%	27.54%	-34.34	2	-43.11%
HDGE	Ranger Equity Bear	Inverse Equities	-16.94%	-113	-2.08%	-13.26%	-26.29%	-12.13	-13	-58.06%
EWV	iShares Mexico Index	Latin America Stock	-17.15%	-114	-4.87%	2.84%	17.78%	-30.32	-4	-45.40%
KBWB	PowerShares KBW Bank Portfolio	Financials Equities	-18.84%	-115	-7.20%	7.30%	6.00%	-35.42	-7	-37.43%
KBE	SPDR S&P Bank	Specialty-Financial	-19.69%	-116	-8.03%	4.67%	7.54%	-36.13	-8	-41.67%
KRE	SPDR S&P Region.Banking	Specialty-Financial	-20.13%	-117	-8.00%	5.04%	6.75%	-37.13	-8	-44.19%
IXC	S&P Global Energy	Energy Equities	-20.18%	-118	-3.14%	-1.62%	5.54%	-36.94	-9	-50.67%

Ticker	ETF Name	Orientation	%M/A		4 wk	8 wk	12 wk	YTD	M-Index	DD%
IEO	iShares DJ Oil & Gas Expl.&Prod.	Energy Equities	-20.85%	-119	-8.33%	-5.85%	12.41%	-41.72	-11	-58.76%
VDE	Vanguard Energy VIPERS	Energy Equities	-20.87%	-120	-7.47%	-4.04%	6.67%	-39.91	-11	-55.10%
IYE	Dow Jones US Energy	Specialty-Natural Res.	-21.25%	-121	-5.94%	-3.85%	6.68%	-39.27	-11	-55.17%
XLE	Energy Select Sector *	Energy Equities	-21.30%	-122	-7.28%	-4.65%	5.98%	-38.80	-11	-53.50%
PSQ	ProShares Short QQQ	Inverse Equities	-22.30%	-123	-6.32%	-12.35%	-18.81%	-26.46	-16	-67.48%
URE	ProShares Ultra Real Estate	Leveraged Real Estate	-22.76%	-124	-2.14%	14.06%	15.89%	-38.33	-3	-61.37%
TBT	ProShares UltraShort Lehman 20 Yr Trea	Leveraged Bonds	-24.60%	-125	-5.73%	-3.35%	1.80%	-42.37	-12	-64.16%
UNG	U.S. Natural Gas Fund	Oil & Gas	-30.88%	-126	-2.34%	-14.00%	-22.88%	-40.73	-20	-88.67%