

HV ETF Cutline Report: As of 11/20/2020

Ticker	ETF Name	Orientation	%M/A		4 wk	8 wk	12 wk	YTD	M-Index	DD%
PEZ	PowerShares High Yield Divi Achievers	All Cap Equities	34.01%	+285	5.47%	13.19%	7.97%	26.37	13	0.00%
XRT	SPDR S&P Retail *	Consumer Discretionar	30.36%	+284	5.75%	17.78%	9.53%	24.72	14	-0.10%
SMH	VanEch Vectors Semiconductor	Technology Equities	29.35%	+283	8.68%	18.16%	13.86%	41.39	21	-0.86%
XME	SPDR S&P Metals & Mining	Commodity Producers	28.45%	+282	10.39%	22.71%	12.77%	-3.65	11	-27.85%
SOXX	iShares PHLX SOX Semiconductor Secto	Technology Equities	28.14%	+281	8.44%	17.65%	12.82%	38.45	19	-0.58%
EWY	iShares S. Korea Index	Pacific Asia/excl. Japan	27.16%	+280	9.31%	18.51%	15.52%	19.99	16	-5.54%
XHB	SPDR Series Trust SPDR Home Builders	Building & Construction	26.16%	+279	2.38%	9.97%	6.96%	25.33	11	-0.73%
VXF	Vanguard Extended Markets VIPERS	Mid Cap Blend	25.37%	+278	7.31%	17.42%	11.40%	18.27	14	0.00%
IWO	Russell 2000 Growth	Small Growth	24.72%	+277	8.04%	18.17%	12.47%	19.33	15	0.00%
KRE	SPDR S&P Region.Banking	Specialty-Financial	24.41%	+276	11.93%	37.97%	21.21%	-18.32	13	-27.49%
EWW	iShares Mexico Index	Latin America Stock	24.27%	+275	12.23%	27.06%	19.74%	-9.32	12	-28.95%
IWM	Russell 2000	Small Blend	24.09%	+274	8.85%	21.23%	12.97%	6.86	12	-0.54%
IYT	Dow Jones Transportation	Transportation Equities	24.05%	+273	2.64%	8.22%	7.52%	10.47	7	-1.64%
SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	23.79%	+272	8.64%	20.95%	12.51%	6.62	12	-0.36%
CWB	SPDR Barclays Convertible Securities	Convertible Bonds	23.65%	+271	5.76%	11.85%	8.13%	36.69	16	0.00%
EPHE	iShares MSCI Philippines	Emerging Markets Equi	23.65%	+270	11.56%	24.27%	22.73%	-4.66	13	-18.99%
FXD	First Trust Cons. Discret. AlphaDEX	Consumer Discretionar	23.36%	+269	4.12%	12.25%	6.52%	3.52	7	0.00%
VCR	Vanguard Consumer Discretionary	Consumer Discretionar	23.34%	+268	2.70%	10.01%	2.78%	33.25	12	-0.41%
IWN	Russell 2000 Value	Small Value	23.03%	+267	9.66%	24.80%	13.52%	-6.26	10	-11.75%
VBK	Vanguard SmallCap Growth	Small Cap Growth	22.87%	+266	5.68%	15.33%	11.00%	22.08	14	0.00%
FXO	1st Trust Financials AlphaDEX	Financial Equities	22.85%	+265	9.38%	27.90%	16.29%	-6.03	12	-8.88%
EWD	iShares Sweden Index	Europe Stock	22.80%	+264	6.86%	14.30%	8.56%	19.22	12	-0.20%
VIS	Vanguard Industrials	industrials Equities	22.68%	+263	7.64%	14.92%	10.94%	7.13	10	-1.28%
VB	Vanguard SmallCap	Small Cap Blend	22.65%	+262	7.42%	18.70%	11.94%	7.89	11	-0.30%
IJR	S&P Sm.Cap 600	Small Blend	22.63%	+261	9.39%	22.49%	11.72%	-0.20	11	-7.12%
VBR	Vanguard SmallCap Value	Small Cap Value	22.14%	+260	9.10%	21.88%	12.81%	-3.78	10	-7.52%
KBE	SPDR S&P Bank	Specialty-Financial	22.11%	+259	11.27%	34.63%	18.61%	-18.73	11	-25.78%
ITB	iShares DJ US Home Construction	Building and Constructi	21.87%	+258	-0.55%	3.78%	1.70%	26.64	8	-6.24%
ASHR	Deutsche X-Trackers China A-Shares	China Equities	21.75%	+257	6.02%	13.12%	7.24%	29.58	14	0.00%
XLI	Industrial Select Sector *	Industrial Equities	21.56%	+256	6.76%	13.30%	9.99%	6.49	9	-1.35%
EWT	iShares Taiwan Index	Pacific Asia/excl. Japan	21.22%	+255	7.04%	14.84%	10.85%	21.08	13	-0.16%
IYJ	Dow Jones US Industrial	Industrial Equities	21.14%	+254	6.14%	13.11%	9.02%	11.37	10	-1.02%
VAW	Vanguard Materials VIPERS	Materials	21.10%	+253	5.88%	13.33%	9.29%	11.62	10	-0.95%
INDY	iShares S&P India Nifty 50 Index Fund	Emerging Markets Equi	21.04%	+252	6.12%	14.50%	7.56%	0.73	7	-1.57%
IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	20.93%	+251	8.18%	21.87%	12.34%	-4.32	10	-5.32%
XBI	SPDR Series Trust SPDR S&P Biotech	Health & Biotech Equiti	20.68%	+250	7.15%	13.74%	15.86%	32.60	17	-0.55%
XLB	Materials Select Sector *	Materials	20.48%	+249	5.70%	11.69%	9.05%	13.71	10	-0.87%
MDY	MidCap Trust Series I	Mid-Cap Blend	20.23%	+248	6.63%	18.47%	10.32%	4.06	10	-0.61%
IJH	S&P MidCap 400	Mid-Cap Blend	20.12%	+247	6.66%	18.49%	10.16%	3.86	10	-0.60%
RPV	Guggenheim S&P 500 Pure Value	Large Value	20.10%	+246	9.73%	21.23%	11.92%	-15.86	7	-18.00%
MOO	VanEck Vectors Agribusiness	Commodity Producers	20.10%	+245	6.87%	11.20%	8.35%	8.12	9	-0.16%

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IWP	Russell MidCap Growth	Mid-Cap Growth	20.10%	+244	3.41%	12.36%	8.50%	24.47	12	0.00%
SCHM	Schwab U.S. Mid Cap	Mid Cap Blend Equities	20.09%	+243	6.62%	16.48%	9.66%	5.36	10	-0.42%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	20.05%	+242	6.16%	14.44%	8.17%	16.82	11	0.00%
EWA	iShares Australia Index	Asia Pacific Equities	19.71%	+241	9.20%	14.69%	9.09%	1.15	9	-5.43%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equi	19.68%	+240	6.10%	14.51%	8.01%	9.38	9	-6.21%
VOT	Vanguard Mid-Cap Growth	Mid-Cap Growth	19.62%	+239	3.49%	11.61%	7.81%	24.26	12	-0.06%
MCHI	iShares MSCI China	China Equities	19.56%	+238	3.78%	13.83%	5.50%	27.16	13	-1.58%
INDA	iShares MSCI India	Emerging Markets Equi	19.47%	+237	4.29%	10.38%	5.55%	3.87	6	-4.13%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	19.29%	+236	5.92%	14.25%	7.71%	9.44	9	-5.80%
EWN	iShares Netherlands Index	Europe Stock	19.21%	+235	6.76%	12.63%	7.39%	14.27	10	-0.03%
IWR	Russell MidCap Index Fs	Mid-Cap Blend	19.21%	+234	5.34%	14.54%	9.22%	8.24	9	-71.20%
AGQ	ProShares Ultra Silver	Leveraged Commoditie	19.18%	+233	-5.59%	7.68%	-27.73%	37.93	3	-37.23%
PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	19.14%	+232	2.94%	9.28%	5.46%	27.23	11	-1.60%
EWQ	iShares France Index	Europe Stock	19.13%	+231	11.26%	17.53%	9.23%	-0.74	9	-4.18%
IYM	Dow Jones US Basic Mat's	Materials	19.11%	+230	5.57%	11.79%	6.26%	10.60	9	-1.09%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equi	18.77%	+229	5.70%	13.80%	7.15%	8.40	9	-4.47%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	18.76%	+228	6.94%	11.49%	7.68%	2.95	7	-8.97%
IYK	Dow Jones US Cons. Goods	Consumer Staples Equi	18.74%	+227	3.39%	8.44%	4.20%	19.28	9	-0.45%
VOX	Vanguard Telecom Serv's	Communication Equitie	18.52%	+226	5.37%	12.74%	4.03%	20.35	11	-0.34%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	18.47%	+225	6.49%	10.87%	8.49%	3.48	7	-7.10%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	18.35%	+224	8.92%	11.91%	10.60%	8.81	10	-2.93%
VO	Vanguard Mid-Cap	Mid-Cap Blend	18.34%	+223	4.53%	13.06%	8.34%	9.83	9	-0.75%
IYC	iShares US Consumer Services	Consumer Discretionar	18.33%	+222	3.69%	9.13%	4.21%	17.05	9	-1.00%
IGV	iShares North American Tech-Software	Technology Equities	18.28%	+221	-0.16%	6.12%	0.59%	40.40	12	-2.28%
PIN	PowerShares India Portfolio	Emerging Markets Equi	18.27%	+220	3.71%	9.58%	5.65%	5.39	6	-60.33%
IYW	Dow Jones US Technology	Technology Equities	18.22%	+219	1.54%	7.36%	-0.62%	35.96	11	-4.22%
IWS	Russell MidCap Value	Mid-Cap Value	18.03%	+218	6.45%	15.75%	9.41%	-2.84	7	-4.90%
EWI	iShares Italy Index	Europe Stock	17.97%	+217	12.54%	16.60%	8.08%	-4.29	8	-18.41%
VSS	Vanguard FTSE All-Wld ex-US SmCP Idx	Foreign Small & Mid Ca	17.97%	+216	6.38%	11.41%	6.08%	3.55	7	-9.71%
EWV	iShares Spain Index	Europe Stock	17.97%	+215	15.82%	22.66%	11.69%	-8.50	10	-27.26%
XLY	Consumer Discretionary Sec.*	Consumer Discretionar	17.94%	+214	0.46%	6.79%	2.10%	22.63	8	-1.14%
VVO	Vanguard Emerging Markets	Emerging Markets Equi	17.86%	+213	5.60%	13.64%	6.11%	7.71	8	-6.04%
ILF	iShares S&P 40 Latin America	Latin America Stock	17.86%	+212	11.89%	20.42%	11.55%	-24.60	5	-35.22%
VGT	Vanguard Info Technology	Technolgy Equities	17.84%	+211	2.02%	6.79%	-0.65%	32.87	10	-3.94%
SLV	iShares Silver Trust	Precious Metals	17.84%	+210	-1.96%	5.59%	-12.18%	34.75	7	-16.70%
EZA	iShares South Africa Index	Emerging Markets Equi	17.83%	+209	5.18%	19.68%	8.94%	-13.79	5	-44.37%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	17.73%	+208	3.21%	9.84%	4.40%	20.41	9	-0.86%
QQQ	PowerShares QQQ Trust, Series 1	Large Growth	17.42%	+207	1.98%	6.93%	-0.73%	36.75	11	-4.09%
EZU	European Monetary Union Index	Europe Stock	17.28%	+206	8.35%	13.72%	6.44%	1.70	8	-9.89%
KBWB	PowerShares KBW Bank Portfolio	Financials Equities	17.23%	+205	9.41%	24.82%	12.91%	-21.77	6	-24.21%
RSP	Guggenheim S&P Equal Weight	Large Blend	17.23%	+204	5.77%	13.49%	7.48%	4.46	8	-1.48%
EWJ	iShares Japan Index	Japan Stock	16.92%	+203	9.17%	10.18%	11.43%	9.38	10	0.00%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	16.92%	+202	9.64%	13.74%	8.11%	0.26	8	-8.01%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	16.83%	+201	0.96%	6.72%	0.23%	29.34	9	-2.50%

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VOE	Vanguard Mid Cap Value	Mid-Cap Value	16.80%	+200	5.87%	14.72%	8.95%	-4.24	6	-6.34%
VUG	Vanguard Growth	Large Cap Growth	16.74%	+199	1.31%	6.59%	-0.42%	30.44	9	-3.31%
IXUS	iShares Core MSCI Total International Sto	Global Equities	16.67%	+198	7.11%	11.86%	7.17%	4.04	8	-5.30%
DES	Wisdom Tree SmallCap Div.	Small Cap Value	16.62%	+197	7.18%	19.61%	8.69%	-14.27	5	-71.16%
FV	First Trust VL Dividend	Large Cap Value Equiti	16.55%	+196	3.77%	11.73%	3.34%	18.67	9	-0.32%
FEX	First Trust Large Cap Core AlphaDEX	Large Cap Blend Equity	16.46%	+195	3.96%	11.63%	5.90%	6.32	7	-0.52%
KIE	SPDR S&P Insurance	Specialty-Financial	16.37%	+194	7.68%	19.72%	9.82%	-7.92	7	-65.19%
IWF	Russell 1000 Growth	Large Growth	16.32%	+193	1.27%	6.29%	-0.57%	28.31	9	-3.58%
VEU	Vanguard FTSE All-Word ex-US	Global Equities	16.32%	+192	7.43%	12.07%	6.78%	3.95	8	-5.26%
ACWX	iShares MSCI ACWI ex US	Global Equities	16.27%	+191	7.40%	11.99%	7.11%	3.69	8	-5.47%
PXF	PowerShares FTSE RAFI Developed Mar	Foreign Large Cap Equ	16.19%	+190	10.37%	14.94%	7.91%	-5.05	7	-17.30%
DFE	Wisdom Tree Europe SmCap Div.	Europe Stock	16.19%	+189	6.21%	11.98%	4.89%	-10.42	3	-22.81%
MGK	Vanguard Mega Cap Growth	Large Cap Growth Equi	16.18%	+188	0.76%	5.47%	-1.94%	31.66	9	-4.72%
SCHF	Schwab International Equity	Foreign Large Cap Equ	16.13%	+187	8.08%	11.41%	7.58%	3.34	8	-4.68%
VXUS	Vanguard Total International Stock	Global Equities	16.13%	+186	7.17%	11.71%	6.32%	3.55	7	-5.97%
SCHD	Schwab US Dividend Equity	All Cap Equities	16.11%	+185	5.38%	13.99%	6.89%	6.93	8	-1.62%
XLK	Technology Select *	Technology Equities	16.02%	+184	1.41%	5.42%	-2.48%	31.18	9	-5.45%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	15.86%	+183	7.86%	11.44%	6.78%	2.46	7	-5.97%
VT	Vanguard Total World Stock Index	Global Equities	15.85%	+182	5.09%	10.59%	4.44%	8.46	7	-0.61%
PKW	PowerShares Buyback Achievers	All Cap Equities	15.77%	+181	7.10%	13.32%	6.30%	-2.89	6	-5.20%
DON	Wisdom Tree MidCap Div.	Mid-Cap Value	15.73%	+180	6.24%	16.65%	9.10%	-12.84	5	-67.28%
IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	15.68%	+179	1.91%	7.09%	-0.13%	24.09	8	-2.83%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equ	15.62%	+178	8.00%	11.22%	7.36%	2.01	7	-6.28%
VTI	Total Stock Market VIPERs	All Cap Equities	15.59%	+177	3.61%	9.74%	3.12%	12.09	7	-1.26%
ITOT	iShares Core S&P Total U.S. Stock Marke	All Cap Equities	15.54%	+176	3.61%	9.74%	2.98%	11.89	7	-1.31%
ACWI	iShares MSCI ACWI	Global Equities	15.49%	+175	4.74%	9.87%	4.22%	9.11	7	-0.82%
VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	15.47%	+174	1.55%	6.57%	-0.57%	25.07	8	-3.30%
IWV	Russell 3000 Index	All Cap Equities	15.46%	+173	3.48%	9.52%	2.92%	11.81	7	-1.36%
SPYG	S&P 500 Growth	Large Cap Growth	15.39%	+172	1.55%	6.52%	-0.65%	24.92	8	-3.26%
SCHB	Schwab U.S. Broad Market	All Cap Equities	15.37%	+171	3.65%	9.73%	2.78%	11.60	7	-1.27%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equ	15.27%	+170	8.26%	11.53%	7.44%	1.59	7	-6.51%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equ	15.19%	+169	5.79%	7.79%	6.28%	11.53	8	0.00%
SDOG	ALPS Sector Dividend Dogs	Large Cap Value Equiti	15.19%	+168	5.66%	14.01%	8.21%	-9.06	5	-13.55%
VFH	Vanguard Financials	Financials Equities	15.18%	+167	7.86%	17.83%	8.47%	-11.83	6	-13.28%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equ	15.06%	+166	11.00%	14.86%	8.01%	-7.97	6	-23.07%
IWB	Russell 1000 Index	Large Blend	15.02%	+165	3.20%	8.94%	2.43%	12.23	7	-1.37%
FXI	iShares China 25 Index	China Equities	14.86%	+164	5.12%	16.56%	5.45%	8.76	9	-12.15%
FEZ	SPDR Euro Stoxx 50	Europe Stock	14.78%	+163	8.24%	11.72%	3.44%	-1.67	5	-9.64%
FXN	1st Trust Energy AlphaDEX	Energy Equities	14.75%	+162	16.09%	27.27%	1.16%	-33.84	3	-61.50%
PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	14.66%	+161	5.59%	12.54%	5.41%	-0.36	6	-2.66%
FNDX	Schwab Fundamental U.S. Large Compa	Large Cap Value Equiti	14.64%	+160	5.60%	12.33%	4.70%	0.35	6	-1.79%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	14.62%	+159	3.09%	8.78%	2.00%	12.15	7	-1.45%
VV	Vanguard LargeCap	Large Cap Blend	14.54%	+158	2.99%	8.38%	1.89%	12.63	6	-1.48%
VGK	Vanguard European	Europe Equities	14.45%	+157	7.64%	11.43%	4.88%	-1.27	6	-9.28%

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NOBL	ProShares S&P 500 Dividend Aristocrats	Large Cap Value Equiti	14.30%	+156	4.13%	10.25%	5.52%	3.80	6	-2.29%
IHF	iShares DJ US Healthcare Provid's	Health & Biotech Equiti	14.17%	+155	3.00%	14.35%	8.34%	11.48	9	-3.73%
XLF	Financial Select Sector *	Financial Equities	14.11%	+154	7.64%	15.71%	7.18%	-11.52	5	-12.80%
MTUM	iShares Edge MSCI USA Momentum Fact	All Cap Equities	14.07%	+153	1.21%	5.01%	-0.08%	20.63	7	-3.30%
HEWJ	iShares Currency Hedged MSCI Japan	Japan Equities	13.89%	+152	8.19%	8.26%	9.64%	4.55	8	-2.13%
IEV	S&P Europe 350 Index	Europe Stock	13.83%	+151	7.46%	11.20%	5.07%	-1.67	6	-9.35%
VLUE	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	13.71%	+150	6.78%	13.97%	7.75%	-8.01	5	-9.76%
EWC	iShares Canada Index	Foreign Large Cap Equi	13.67%	+149	5.37%	8.86%	2.39%	-0.74	4	-3.77%
EWK	iShares Belgium Index	Europe Stock	13.67%	+148	9.56%	12.64%	5.26%	-5.86	5	-18.26%
IVV	S&P 500	Large Blend	13.64%	+147	2.79%	8.11%	1.32%	10.47	6	-1.97%
IHI	iShares DJ US Medical Devices	Health & Biotech Equiti	13.62%	+146	-0.62%	7.24%	2.98%	18.30	7	-2.98%
SPY	SPDR S&P 500	Large Cap Blend	13.61%	+145	2.76%	8.09%	1.35%	10.55	6	-2.00%
HEZU	iShares Currency Hedged MSCI Eurozon	Europe Equities	13.61%	+144	8.80%	11.99%	7.36%	-2.31	6	-6.64%
VOO	Vanguard S&P 500	Large Cap Blend Equiti	13.58%	+143	2.78%	7.65%	1.35%	10.56	6	-1.95%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	13.51%	+142	2.72%	8.62%	2.07%	9.50	6	-2.19%
DBJP	Deutsche X-Trackers MSCI Japan Hedge	Japan Equities	13.47%	+141	8.55%	8.79%	10.26%	3.50	8	-5.23%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equi	13.34%	+140	2.11%	6.68%	9.30%	-9.11	2	-23.57%
GNR	SPDR S&P Global Natural Resources	Commodity Producers	13.28%	+139	8.56%	11.65%	4.58%	-9.74	4	-21.60%
DXJ	Wisdom Tree Japan Hedged Equity	Japan Stock	13.21%	+138	7.58%	7.89%	9.65%	-1.43	6	-15.46%
XPH	SPDR Pharmaceuticals	Health & Biotech Equiti	13.18%	+137	3.79%	12.45%	9.98%	5.50	8	-3.62%
GSLC	Goldman Sachs ActiveBeta U.S. Large C	Large Cap Blend Equiti	13.14%	+136	2.15%	7.48%	1.41%	10.99	6	-1.57%
IWD	Russell 1000 Value	Large Value	13.08%	+135	5.52%	11.94%	5.89%	-4.53	5	-6.02%
VIG	Vanguard Div. Appreciation	Large Cap Value Equiti	13.07%	+134	2.48%	7.31%	3.62%	9.59	6	-2.20%
IYG	Dow Jones US Financial Serv's	Specialty-Financial	13.00%	+133	6.55%	14.30%	4.31%	-10.16	4	-12.76%
EWH	iShares Hong Kong Index	China Equities	12.93%	+132	10.04%	12.36%	6.72%	0.62	7	-9.91%
EWS	iShares Singapore Index	Pacific Asia/excl. Japan	12.87%	+131	10.37%	15.40%	10.49%	-11.85	6	-24.51%
FXH	1st Trust Health Care AlphaDEX	Health & Biotech Equiti	12.74%	+130	0.94%	9.27%	8.15%	19.94	10	-2.46%
SDY	SPDR Dividend ETF	Large Value	12.58%	+129	5.29%	13.27%	5.99%	-4.08	5	-5.13%
EWG	iShares Germany Index	Europe Stock	12.57%	+128	2.35%	5.36%	-0.59%	2.77	2	-15.60%
DGRO	iShares Core Dividend Growth	Large Cap Value Equiti	12.50%	+127	4.12%	9.79%	3.72%	2.17	5	-2.01%
DIA	SPDR Dow Jones Industrial Average	Large Cap Value	12.44%	+126	3.24%	7.67%	2.03%	2.79	4	-2.48%
ITA	iShares DJ US Aerospace&Defense	Industrials Equities	12.31%	+125	10.49%	14.95%	7.51%	-17.90	4	-24.05%
TUR	iShares Turkey Investment Index	Emerging Markets Equi	12.27%	+124	17.82%	18.17%	14.77%	-12.85	9	-50.04%
FTGC	First Trust Global Tactical Commodity Str	Commodities	12.21%	+123	3.38%	6.69%	4.04%	-4.76	2	-17.83%
EWZ	iShares Brazil Index	Latin America Stock	12.18%	+122	9.09%	12.40%	4.14%	-32.06	-2	-33.55%
PPLT	ETFS Physical Platinum Shares	Precious Metals	12.10%	+121	4.86%	11.29%	1.40%	-1.99	4	-21.35%
THD	iShares Thailand Capped Invest Mrkt Idx	Emerging Markets Equi	11.99%	+120	18.86%	18.69%	7.67%	-14.82	8	-26.85%
IYF	Dow Jones US Financial Sector	Specialty-Financial	11.94%	+119	6.16%	12.71%	4.35%	-8.95	4	-12.69%
VNQI	Vanguard Global ex-U.S. Real Estate	Global Real Estate	11.88%	+118	8.02%	11.05%	5.93%	-10.02	4	-18.51%
DVY	iShares Select Dividend Index	Large Cap Value	11.76%	+117	5.35%	14.62%	7.75%	-12.60	4	-14.00%
VTV	Vanguard Value	Large Cap Value	11.69%	+116	5.16%	10.68%	4.92%	-4.84	4	-6.21%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equi	11.64%	+115	7.94%	9.24%	7.67%	-1.25	6	-4.33%
SPHQ	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	11.53%	+114	1.42%	5.62%	0.08%	9.56	4	-2.03%
SCHV	Schwab U.S. Large-Cap Value	Large Cap Value Equiti	11.51%	+113	5.16%	10.63%	4.58%	-5.39	4	-6.90%

Ticker	ETF Name	Orientation	%M/A		4 wk	8 wk	12 wk	YTD	M-Index	DD%
IDV	iShares International Select Dividend	Foreign Large Cap Equ	11.41%	+112	9.11%	13.44%	5.57%	-16.15	3	-21.88%
DBEF	Deutsche X-Trackers MSCI EAFE Hedge	Foreign Large Cap Equ	11.40%	+111	7.72%	8.85%	7.37%	-1.42	6	-4.40%
DJP	Bloomberg Commodity Index	Commodities	11.26%	+110	0.73%	5.54%	1.23%	-10.06	-1	-19.90%
IFGL	iShares FTSE EPRA/NAREIT Global Real	Global Real Estate	11.21%	+109	9.22%	11.30%	5.79%	-12.86	3	-17.06%
URE	ProShares Ultra Real Estate	Leveraged Real Estate	11.19%	+108	8.51%	14.85%	3.26%	-29.95	-1	-56.12%
GUNR	FlexShares Global Upstream Natural Res	Commodity Producers	11.12%	+107	7.41%	9.50%	1.07%	-9.41	2	-14.43%
IVE	S&P 500/BARRA Value	Large Value	11.10%	+106	4.73%	10.64%	4.57%	-5.72	4	-7.09%
EWU	iShares United Kingdom Index	Europe Stock	10.91%	+105	10.90%	13.32%	6.17%	-15.82	4	-24.55%
RSX	Market Vectors Russia	Emerging Markets Equi	10.91%	+104	6.30%	9.25%	0.44%	-8.58	2	-14.23%
RWX	SPDR DJ Wil Intern. RE	Real Estate	10.63%	+103	8.77%	11.22%	6.01%	-15.86	3	-24.33%
FDL	1st Trust Morningstar Div. Lead's	Large Cap Value	10.62%	+102	5.20%	11.40%	4.70%	-12.24	2	-12.67%
IHE	iShares DJ US Pharmaceuticals	Health & Biotech Equiti	10.38%	+101	2.30%	6.85%	3.41%	7.54	5	-0.96%
HEDJ	WisdomTree Europe Hedged Equity	Europe Equities	10.25%	+100	4.66%	7.07%	4.76%	-6.73	2	-9.03%
DBEU	Deutsche X-Trackers MSCI Europe Hedg	Europe Equities	10.10%	+99	7.41%	8.43%	6.11%	-4.22	4	-7.53%
VDC	Vanguard Consumer Staples	Consumer Staples Equi	9.93%	+98	1.96%	6.23%	1.72%	6.12	4	-2.37%
VYM	Vanguard High Div. Yield Index	Large Cap Value	9.88%	+97	4.76%	10.20%	4.05%	-6.11	3	-7.31%
RWO	SPDR DJ Wilshire Global Real Estate	Global Real Estate	9.70%	+96	7.89%	11.86%	5.46%	-15.52	2	-18.85%
VHT	Vanguard Health Care	Health & Biotech Equiti	9.67%	+95	1.42%	6.83%	2.99%	11.18	6	-2.47%
IHDG	WisdomTree International Hedged Divide	Foreign Large Cap Equ	9.65%	+94	2.84%	4.05%	5.50%	4.89	4	-0.84%
JXI	iShares S&P Global Utilities	Utilities Equities	9.47%	+93	0.90%	8.95%	7.88%	3.04	5	-5.79%
REZ	iShares Residential Real Estate Capped	Specialty-Real Estate	9.42%	+92	6.86%	11.48%	5.77%	-10.61	3	-18.05%
EWM	iShares Malaysia Index	Emerging Markets Equi	9.37%	+91	5.62%	6.92%	4.00%	-2.25	4	-23.69%
SIL	Global X Silver Miners	Commodity Producers	9.18%	+90	-7.92%	-1.72%	-15.18%	25.32	0	-22.34%
DBC	PowerShares DB Commodity Index	Commodities	9.04%	+89	2.56%	5.02%	0.37%	-14.79	-2	-26.65%
SPHD	PowerShares S&P 500 HiDivLowVol	Large Cap Value	9.04%	+88	5.69%	11.65%	5.60%	-17.16	1	-17.90%
EWL	iShares Switzerland Index	Europe Stock	9.03%	+87	3.43%	4.56%	2.36%	5.85	4	-0.53%
ECH	iShares Chile Index	Latin America	9.00%	+86	7.29%	15.79%	4.91%	-17.94	3	-51.29%
RWR	Wilshire REIT Fund	Real Estate	8.98%	+85	7.49%	12.55%	5.00%	-15.17	2	-19.84%
XLP	Consumer Staples Select *	Consumer Staples	8.93%	+84	1.70%	5.49%	1.11%	5.76	4	-2.42%
HEWG	iShares Currency Hedged MSCI Germany	Europe Equities	8.83%	+83	2.68%	3.57%	0.07%	-1.59	1	-6.36%
DBA	PowerShares DB Agriculture Fd	Agriculture Commoditie	8.41%	+82	3.01%	5.19%	5.05%	-7.01	2	-32.97%
FXG	1st Trust Consumer Staples	Consumer Staples Equi	8.39%	+81	0.48%	6.09%	1.00%	0.66	2	-2.63%
DHS	Wisdom Tree High-Yield Equity	Large Cap Value	8.04%	+80	5.17%	9.90%	4.31%	-11.64	2	-12.59%
IYH	Dow Jones US Healthcare	Specialty-Health	7.97%	+79	0.83%	5.60%	1.41%	8.93	4	-2.87%
DWX	SPDR S&P International Dividend	Foreign Large Cap Equ	7.89%	+78	5.24%	7.41%	2.07%	-10.39	1	-16.20%
GSG	iShares GSCI Commodity Index	Commodities.	7.71%	+77	3.29%	5.32%	0.09%	-30.39	-5	-39.69%
VNQ	Vanguard REIT Index	Real Estate	7.64%	+76	5.29%	8.89%	2.45%	-8.57	2	-15.02%
USMV	iShares Edge MSCI Min Vol USA	All Cap Equities	7.54%	+75	1.72%	5.10%	1.36%	0.99	2	-5.05%
IYR	Dow Jones US Real Estate	Real Estate	7.48%	+74	4.83%	8.03%	2.25%	-8.59	2	-15.32%
PJP	Dynamic Pharmaceuticals	Health & Biotech Equiti	7.39%	+73	3.13%	7.41%	3.26%	4.36	5	-8.94%
DEM	WisdomTree Emerg. Mkts Hi-Yld E.	Emerging Mkts Equities	7.39%	+72	5.27%	12.21%	2.08%	-15.22	1	-22.87%
XLV	Health Care Select SPDR *	Health & Biotech Equiti	7.34%	+71	0.91%	5.61%	0.74%	6.98	4	-2.96%
XMLV	PowerShares S&P MidCap Low Volatility	Mid Cap Blend Equities	7.34%	+70	3.90%	10.72%	3.85%	-15.53	1	-17.92%
IBB	Nasdaq Biotechnology	Health & Biotech Equiti	7.31%	+69	1.74%	4.05%	4.37%	15.43	6	-59.26%

Ticker	ETF Name	Orientation	%M/A		4 wk	8 wk	12 wk	YTD	M-Index	DD%
ACWV	iShares Edge MSCI Min Vol Global	Global Equities	7.14%	+68	2.41%	5.45%	2.23%	-0.17	2	-3.89%
RHS	Guggenheim S&P 500 = Wt. Consum Sta	Consumer Staples	7.06%	+67	1.72%	5.53%	-0.43%	1.61	2	-2.93%
IXJ	S&P Global Healthcare	Health & Biotech Equiti	7.05%	+66	2.22%	4.34%	1.23%	7.52	4	-40.04%
IEO	iShares DJ Oil & Gas Expl.&Prod.	Energy Equities	7.05%	+65	19.13%	22.20%	-0.55%	-40.98	0	-58.24%
GDXJ	VanEck Vectors Junior Gold Miners	Commodity Producers	6.99%	+64	-8.06%	-4.31%	-13.21%	22.01	-1	-18.99%
VRP	PowerShares Variable Rate Preferred Por	Preferred Stock	6.97%	+63	2.70%	4.64%	1.76%	-1.12	2	-3.23%
FPE	First Trust Preferred Securities and Incom	Preferred Stock	6.96%	+62	2.57%	4.84%	2.68%	-0.65	2	-2.73%
PFF	iShares S&P Preferred Stock	Preferred Stock/Conver	6.88%	+61	1.32%	3.70%	2.37%	0.05	2	-6.75%
IGE	iShares North American Natural Resource	Commodity Producers	6.86%	+60	9.78%	12.28%	-1.07%	-26.06	-1	-41.59%
XLU	Utilities Select Sector *	Utilities Equities	6.84%	+59	-1.87%	8.21%	7.57%	-1.53	3	-10.48%
VPU	Vanguard Utilities VIPERS	Utilities Equities	6.75%	+58	-1.48%	8.69%	7.55%	-2.85	3	-11.17%
IDU	Dow Jones US Utilities	Utilities Equities	6.64%	+57	-1.28%	8.67%	7.40%	-3.08	3	-11.42%
ICF	Cohen & Steers Realty	Real Estate	6.52%	+56	4.55%	7.88%	1.85%	-7.09	2	-14.02%
FXU	1st Trust Utilities AlphaDEX	Utilities Equities	6.48%	+55	-1.21%	9.12%	5.83%	-2.33	3	-10.49%
IYZ	Down Jones US Telecom	Commun. Equities	6.32%	+54	6.16%	9.04%	0.65%	-1.91	3	-19.81%
PCY	PowerShares Emerging Markets Sovereig	Emerging Markets Bon	6.17%	+53	4.25%	4.56%	1.18%	-4.47	1	-8.82%
SPLV	PowerShares S&P 500 Low Volat.	Large Cap Blend	6.11%	+52	-0.02%	3.61%	0.51%	-5.88	0	-11.69%
SCHH	Schwab U.S. REIT	Real Estate	5.79%	+51	4.97%	8.62%	2.16%	-17.48	0	-22.07%
EMB	iShares Emerging Markets Bond	Emerging Market Bond	5.52%	+50	2.84%	3.42%	0.47%	-0.38	2	-3.26%
VCLT	Vanguard Long-Term Corporate Bond	Corporate Bonds	5.49%	+49	4.14%	3.91%	3.75%	9.44	5	-1.80%
HDV	iShares Core High Dividend	Large Cap Value Equiti	5.37%	+48	4.51%	7.68%	0.43%	-12.59	0	-13.01%
PGX	PowerShares Preferred Portfolio	Preferred Stock/Conver	5.32%	+47	1.21%	2.72%	1.34%	0.67	1	-2.39%
PGF	PowerShares Fin. Preferred Portf.	Specialty-Financial	5.18%	+46	1.32%	2.63%	1.43%	1.43	2	-2.05%
BWX	SPDR Lehman Intl Treasury Bond	World Gov Bond	5.00%	+45	1.09%	3.14%	1.63%	6.04	3	0.00%
VWOB	Vanguard Emerging Markets Gov Bonds	Emerging Markets Bon	4.98%	+44	2.57%	3.08%	0.25%	-0.47	1	-2.75%
PHB	PowerShares High Yield Corp Bond	High Yield Bonds	4.95%	+43	1.86%	3.80%	1.38%	-0.57	2	-1.14%
HYS	PIMCO 0-5 Year High Yield Corp Bond	High Yield Bonds	4.88%	+42	1.64%	3.73%	1.84%	-3.24	1	-5.36%
IXC	S&P Global Energy	Energy Equities	4.80%	+41	18.34%	17.91%	0.77%	-36.55	0	-50.37%
JNK	Barclays Cap. High Yield Bond	High Yield Bond	4.71%	+40	1.51%	3.90%	1.24%	-2.23	1	-67.03%
SJNK	SPDR Barclays Short Term High Yield Bo	High Yield Bonds	4.62%	+39	1.42%	3.28%	1.61%	-1.67	1	-5.90%
FXB	CurrencyShares British Pound	Currency	4.43%	+38	1.88%	4.21%	-0.54%	0.11	1	-11.67%
HYG	iShares Lehman Hi-Yield Corp.	High Yield Bond	4.15%	+37	1.24%	3.58%	0.90%	-2.30	1	-3.43%
IAU	iShares Gold Trust	Precious Metals	4.00%	+36	-1.60%	0.56%	-4.59%	23.07	4	-9.34%
LQD	iShares iBoxx \$ Liquid Invest. Gr.	Corporate Bonds	3.90%	+35	2.19%	2.50%	1.90%	7.53	4	-1.14%
GLD	SPDR Gold Shares	Precious Metals	3.87%	+34	-1.65%	0.43%	-4.72%	22.84	4	-9.39%
FXE	CurrencyShares Euro Currency Trust	Currency	3.69%	+33	-0.12%	1.85%	-0.57%	4.85	2	-7.48%
VDE	Vanguard Energy VIPERS	Energy Equities	3.67%	+32	17.26%	19.37%	-1.22%	-40.50	-1	-55.54%
SHYG	iShares 0-5 Year High Yield Corporate Bo	High Yield Bonds	3.62%	+31	1.06%	2.85%	0.92%	-3.43	0	-6.68%
VCIT	Vanguard Intermediate-Term Corporate B	Corporate Bonds	3.18%	+30	0.92%	1.19%	0.62%	5.87	2	-0.41%
BKLN	PowerShares Exchange-Traded Fund Tru	High Yield Bonds	2.78%	+29	1.20%	1.48%	0.41%	-3.72	0	-6.19%
BAB	PowerShares Build America Bond Portfoli	National Munis	2.76%	+28	2.77%	-0.27%	0.21%	5.59	2	-3.49%
IYE	Dow Jones US Energy	Specialty-Natural Res.	2.70%	+27	17.15%	18.68%	-1.95%	-40.55	-2	-56.11%
BBH	VanEck Vectors Biotech	Health & Biotech	2.63%	+26	-0.66%	-0.55%	-0.33%	13.30	3	-10.83%
BLV	Vanguard Long Term Bond	Long-Term Bond	2.45%	+25	3.10%	1.10%	1.87%	13.14	5	-3.44%

Ticker	ETF Name	Orientation	%M/A	4 wk	8 wk	12 wk	YTD	M-Index	DD%	
FXV	CurrencyShares Japanese Yen Trust	Currency	2.43%	+24	0.80%	1.66%	1.43%	4.09	2	-5.86%
XLE	Energy Select Sector *	Energy Equities	2.28%	+23	17.83%	18.65%	-1.73%	-40.27	-1	-54.62%
PZA	Pshares Insured National Munis	National Munis	2.25%	+22	2.43%	1.28%	0.86%	2.04	2	-1.93%
TIP	iShares TIPS Bond Fd	Inflation-Protected Bon	1.98%	+21	-0.02%	-0.47%	-0.47%	7.97	2	-1.01%
SCHP	Schwab U.S. TIPS	Inflation-Protected Bon	1.97%	+20	-0.05%	-0.45%	-0.62%	8.23	2	-1.07%
MUB	iShares S&P National Muni Bond	National Munis	1.87%	+19	1.36%	0.75%	0.83%	2.54	1	-0.67%
BOND	PIMCO Total Return Active Exchange-Tra	Total Bond Market	1.64%	+18	0.78%	0.30%	0.28%	4.42	1	-0.47%
FLTB	Fidelity Limited Term Bond	Corporate Bonds	1.57%	+17	0.27%	0.40%	0.27%	3.56	1	-0.08%
BNDX	Vanguard Total International Bond	Total Bond Market	1.52%	+16	0.43%	0.55%	1.28%	3.43	1	-1.18%
FBT	1st Trust Biotechnology Index	Health & Biotech Equiti	1.42%	+15	0.30%	1.90%	0.46%	6.41	2	-12.20%
VCSH	Vanguard Short-Term Corporate Bond	Corporate Bonds	1.36%	+14	0.06%	0.29%	-0.10%	2.37	1	-0.17%
BIV	Vanguard Intermed. Term Bond	Intermediate-Term Bon	1.31%	+13	0.49%	0.03%	-0.04%	7.13	2	-0.99%
VTIP	Vanguard Short-Term Inflation-Protected	Inflation-Protected Bon	1.27%	+12	-0.02%	-0.31%	-0.57%	3.11	1	-0.63%
GDX	Mkt Vector Gold Miners	Specialty-Precious Met	1.22%	+11	-7.52%	-6.56%	-14.44%	22.07	-2	-19.38%
FLOT	iShares Floating Rate Bond	Corporate Bonds	1.06%	+10	0.06%	0.08%	0.06%	-0.39	0	-0.70%
BND	Vanguard Total Bond Market	Intermediate-Term Bon	0.80%	+9	0.78%	0.18%	0.20%	5.43	2	-1.23%
AGG	iShares Lehman Aggregate Bond	Intermediate-Term Bon	0.78%	+8	0.70%	0.14%	0.15%	5.22	2	-1.12%
SCHZ	Schwab US Aggregate Bond	Total Bond Market	0.74%	+7	0.70%	0.04%	0.11%	5.13	1	-1.34%
GVI	iShares Lehman Intern. Govt/Credit	Total Bond Market	0.61%	+6	0.16%	-0.05%	-0.25%	4.40	1	-0.63%
RING	iShares MCSI Global Gold Miners Fund	Commodity Producers	0.48%	+5	-8.25%	-7.45%	-15.63%	22.59	-2	-19.84%
TOTL	SPDR DoubleLine Total Return Tactical	Total Bond Market	0.45%	+4	0.39%	0.43%	-0.10%	0.88	0	-1.85%
FTSM	First Trust Enhanced Short Maturity	Total Bond Market	0.35%	+3	-0.02%	-0.02%	-0.07%	-0.03	0	-0.27%
BSV	Vanguard Short Term Bond	Total Bond Market	0.14%	+2	-0.07%	-0.14%	-0.35%	2.78	1	-0.55%
BSJL	Guggenheim BulletShares High Yield Cor	High Yield Bonds	0.00%	+1	0.00%	0.00%	0.00%	-100.00	-25	-100.00%
SHY	iShares Lehman 1-3 Year Treasury	Government Bonds	-0.15%	-1	-0.05%	-0.15%	-0.18%	2.07	0	-0.50%
IEI	iShares Lehman 3-7 Yr. Treasury	Government Bonds	-0.18%	-2	-0.02%	-0.57%	-0.48%	5.70	1	-0.88%
VGSH	Vanguard Short-Term Government	Government Bonds	-0.21%	-3	-0.08%	-0.18%	-0.21%	1.94	0	-0.56%
SCHO	Schwab Short-Term U.S. Treasury	Government Bonds	-0.28%	-4	-0.08%	-0.23%	-0.29%	1.80	0	-0.64%
SCHR	Schwab Intermediate-Term U.S. Treasury	Government Bonds	-0.40%	-5	-0.02%	-0.73%	-0.60%	6.08	1	-1.15%
VGIT	Vanguard Intermediate-Term Gov Bonds	Government Bonds	-0.42%	-6	-0.06%	-0.81%	-0.62%	6.09	1	-1.23%
TBF	ProShares Short 20+Year Treasury	Inverse Bonds	-0.43%	-7	-2.65%	1.58%	-1.22%	-21.34	-6	-36.85%
GOVT	iShares Core U.S. Treasury Bond	Government Bonds	-0.50%	-8	0.43%	-0.86%	-0.32%	7.18	2	-1.87%
IEF	iShares Lehman 7-10 Yr Treasury	Government Bonds	-0.57%	-9	0.10%	-1.29%	-0.72%	9.26	2	-2.08%
TLH	iShares Lehman 10-20 Yr Treasury	Government Bonds	-1.16%	-10	1.27%	-2.02%	-0.33%	14.34	3	-4.65%
TLT	iShares 20+ Treas. Bd	Government Bonds	-1.30%	-11	2.22%	-2.19%	0.24%	19.15	5	-5.86%
TBT	ProShares UltraShort Lehman 20 Yr Trea	Leveraged Bonds	-1.38%	-12	-5.27%	2.93%	-2.65%	-40.37	-11	-62.92%
EDV	Vanguard Extended Duration Treasury	Government Bonds	-1.57%	-13	3.33%	-2.79%	0.45%	25.68	7	-8.47%
ZROZ	PIMCO 25 Yr Zero Coupon US Treas Idx	Government Bonds	-2.21%	-14	3.65%	-3.05%	0.16%	26.75	7	-11.13%
UUP	PowerShares DB US Dollar Bullish	Currency	-4.17%	-15	-0.44%	-2.43%	0.00%	-4.04	-2	-11.25%
DOG	ProShares Short Dow 30	Bear Market	-15.14%	-16	-3.88%	-8.11%	-3.61%	-16.74	-8	-54.01%
SH	Short S&P 500 ProShares ETF	Inverse Equities	-15.74%	-17	-3.16%	-8.20%	-2.96%	-20.84	-9	-54.31%
UNG	U.S. Natural Gas Fund	Oil & Gas	-16.31%	-18	-16.94%	-20.49%	-29.82%	-40.50	-27	-88.62%
EFZ	ProSharesShort MSCI EAFE	Inverse Equities	-16.43%	-19	-8.15%	-11.05%	-7.91%	-11.92	-10	-39.98%

Ticker	ETF Name	Orientation	%M/A	4 wk	8 wk	12 wk	YTD	M-Index	DD%	
PSQ	ProShares Short QQQ	Inverse Equities	-20.06%	-20	-2.61%	-7.67%	-1.82%	-36.38	-12	-71.86%
RWM	ProShares Short Russell2000	Inverse Equities	-24.69%	-21	-8.82%	-18.50%	-13.42%	-23.09	-16	-55.13%
HDGE	Ranger Equity Bear	Inverse Equities	-33.03%	-22	-18.03%	-25.05%	-20.33%	-36.38	-25	-69.63%
IJS	S&P SmallCap 600/BARRA Value	Small Value	-33.58%	-23	9.93%	-37.59%	-43.48%	-53.76	-31	-56.94%
IJT	S&P SmallCap 600/BARRA Growth	Small Growth	-34.09%	-24	8.92%	-39.83%	-44.62%	-46.58	-31	-50.53%
IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	-35.32%	-25	8.20%	-39.04%	-44.19%	-53.13	-32	-53.61%
IJK	S&P MidCap 400/BARRA Growth	Mid-Cap Growth	-66.18%	-26	5.56%	-71.03%	-72.68%	-71.69	-52	-73.70%
IVW	S&P 500/BARRA Growth	Large Growth	-67.61%	-27	1.62%	-73.38%	-75.16%	-68.78	-54	-75.83%