

HV ETF Cutline Report: As of 12/8/2023

Ticker	ETF Name	Orientation	%M/A	4 wk	8 wk	12 wk	YTD	M-Index	DD%	
ITB	iShares DJ US Home Construction	Building and Constructi	17.06%	+226	13.99%	23.79%	14.80%	54.22	27	0.00%
IGV	iShares North American Tech-Software	Technology Equities	16.60%	+225	8.08%	12.71%	11.87%	53.88	22	-11.83%
XHB	SPDR Series Trust SPDR Home Builders	Building & Construction	16.20%	+224	14.13%	19.28%	12.13%	46.67	23	0.00%
KBE	SPDR S&P Bank	Specialty-Financial	15.20%	+223	16.74%	19.96%	11.96%	-4.41	11	-28.55%
KRE	SPDR S&P Region.Banking	Specialty-Financial	14.05%	+222	18.42%	21.20%	12.08%	-16.60	9	-37.81%
IYW	Dow Jones US Technology	Technology Equities	13.22%	+221	4.56%	9.71%	9.73%	59.14	21	0.00%
XLK	Technology Select *	Technology Equities	12.31%	+220	3.98%	10.69%	10.52%	50.00	19	0.00%
PEZ	PowerShares Consumer Cyclical	All Cap Equities	12.26%	+219	13.64%	23.70%	11.27%	18.91	17	-25.53%
SMH	VanEch Vectors Semiconductor	Technology Equities	12.23%	+218	3.31%	9.50%	10.67%	60.13	21	-1.47%
MGK	Vanguard Mega Cap Growth	Large Cap Growth Equi	11.33%	+217	4.35%	8.77%	6.98%	47.16	17	-4.21%
VGT	Vanguard Info Technology	Technolgy Equities	11.15%	+216	4.89%	10.50%	9.65%	46.36	18	0.00%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	10.71%	+215	3.92%	7.54%	6.40%	44.44	16	-51.89%
VUG	Vanguard Growth	Large Cap Growth	10.36%	+214	4.56%	8.43%	6.41%	41.54	15	-7.38%
KBWB	PowerShares KBW Bank Portfolio	Financials Equities	10.31%	+213	13.88%	17.18%	7.73%	-11.49	7	-39.68%
IWF	Russell 1000 Growth	Large Growth	10.18%	+212	4.34%	8.02%	6.33%	37.28	14	-4.98%
QQQ	PowerShares QQQ Trust, Series 1	Large Growth	10.11%	+211	3.64%	7.36%	5.76%	47.28	16	-2.93%
EWZ	iShares Brazil Index	Latin America Stock	9.88%	+210	4.48%	11.97%	4.93%	21.02	11	-30.08%
PIN	PowerShares India Portfolio	Emerging Markets Equi	9.86%	+209	6.62%	5.94%	3.78%	17.29	8	-52.70%
INDA	iShares MSCI India	Emerging Markets Equi	9.83%	+208	6.34%	6.41%	4.85%	13.34	8	-6.83%
SOXX	iShares PHLX SOX Semiconductor Secto	Technology Equities	9.72%	+207	5.48%	9.48%	8.45%	49.97	18	-6.08%
EWP	iShares Spain Index	Europe Stock	9.29%	+206	9.52%	14.32%	9.80%	27.46	15	-14.96%
IYF	Dow Jones US Financial Sector	Specialty-Financial	9.17%	+205	7.16%	9.52%	4.38%	8.07	7	-43.13%
VFH	Vanguard Financials	Financials Equities	8.82%	+204	7.72%	10.07%	4.47%	6.58	7	-13.35%
VCR	Vanguard Consumer Discretionary	Consumer Discretionar	8.69%	+203	8.30%	10.66%	1.97%	33.66	14	-17.68%
DXJ	Wisdom Tree Japan Hedged Equity	Japan Stock	8.65%	+202	-0.61%	2.42%	-1.50%	38.64	10	-3.00%
FXO	1st Trust Financials AlphaDEX	Financial Equities	8.50%	+201	9.73%	11.21%	4.01%	0.73	6	-15.12%
KIE	SPDR S&P Insurance	Specialty-Financial	8.43%	+200	3.56%	4.47%	3.94%	10.04	6	-51.98%
EWD	iShares Sweden Index	Europe Stock	8.31%	+199	13.72%	12.53%	14.00%	15.87	14	-24.15%
VOX	Vanguard Telecom Serv's	Communication Equitie	8.23%	+198	3.68%	6.03%	4.66%	37.90	13	-24.72%
ILF	iShares S&P 40 Latin America	Latin America Stock	8.19%	+197	5.61%	12.51%	5.96%	22.63	12	-28.94%
IYG	Dow Jones US Financial Serv's	Specialty-Financial	8.12%	+196	8.12%	10.28%	3.96%	7.55	7	-16.77%
INDY	iShares S&P India Nifty 50 Index Fund	Emerging Markets Equi	8.09%	+195	6.50%	5.28%	3.12%	13.12	7	-10.84%
XLY	Consumer Discretionary Sec.*	Consumer Discretionar	8.09%	+194	7.30%	8.95%	0.81%	34.09	13	-18.08%
ITA	iShares DJ US Aerospace&Defense	Industrials Equities	7.79%	+193	7.30%	12.53%	11.35%	9.32	10	-49.01%
XLF	Financial Select Sector *	Financial Equities	7.78%	+192	6.55%	8.79%	3.73%	5.64	6	-12.77%
IYC	iShares US Consumer Services	Consumer Discretionar	7.73%	+191	7.09%	10.56%	3.49%	28.11	12	-73.66%
XRT	SPDR S&P Retail *	Consumer Discretionar	7.68%	+190	12.10%	14.41%	7.79%	10.97	11	-35.60%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	7.67%	+189	3.42%	5.75%	4.73%	25.05	10	-2.59%
HEWJ	iShares Currency Hedged MSCI Japan	Japan Equities	7.24%	+188	0.00%	3.27%	-0.71%	33.91	9	-16.08%
VXF	Vanguard Extended Markets VIPERs	Mid Cap Blend	7.13%	+187	10.36%	10.30%	4.01%	16.05	10	-22.91%
IYT	Dow Jones Transportation	Transportation Equities	7.12%	+186	11.11%	10.98%	4.72%	18.88	11	-9.33%

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VV	Vanguard LargeCap	Large Cap Blend	6.92%	+185	4.61%	6.85%	3.69%	21.27	9	-4.73%
SPYG	S&P 500 Growth	Large Cap Growth	6.75%	+184	3.43%	4.85%	3.17%	25.06	9	-13.76%
FV	First Trust Dorsey Wright Focus 5	Large Cap Value Equiti	6.74%	+183	8.08%	10.30%	6.53%	3.76	7	-6.25%
IWB	Russell 1000 Index	Large Blend	6.72%	+182	4.95%	6.90%	3.47%	20.27	9	-4.85%
VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	6.70%	+181	3.45%	4.77%	3.11%	25.04	9	-13.79%
GSLC	Goldman Sachs ActiveBeta U.S. Large C	Large Cap Blend Equiti	6.69%	+180	4.52%	7.01%	4.20%	19.37	9	-4.96%
EWI	iShares Italy Index	Europe Stock	6.68%	+179	7.13%	10.97%	5.63%	23.87	12	-3.19%
VTI	Total Stock Market VIPERs	All Cap Equities	6.67%	+178	5.24%	7.17%	3.54%	19.70	9	-5.81%
IWW	S&P 500/BARRA Growth	Large Growth	6.65%	+177	3.35%	4.74%	3.09%	24.94	9	-13.82%
ITOT	iShares Core S&P Total U.S. Stock Marke	All Cap Equities	6.60%	+176	5.24%	7.17%	3.39%	19.62	9	-5.75%
VIS	Vanguard Industrials	industrials Equities	6.59%	+175	7.16%	7.95%	4.25%	14.99	9	-1.22%
SPY	SPDR S&P 500	Large Cap Blend	6.58%	+174	4.45%	6.65%	3.80%	20.34	9	-3.67%
IWV	Russell 3000 Index	All Cap Equities	6.58%	+173	5.19%	7.04%	3.44%	19.54	9	-5.49%
IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	6.56%	+172	3.63%	4.89%	3.01%	24.17	9	-13.61%
VOO	Vanguard S&P 500	Large Cap Blend Equiti	6.56%	+171	4.46%	6.68%	3.47%	20.37	9	-3.72%
IVV	S&P 500	Large Blend	6.56%	+170	4.45%	6.68%	3.42%	20.34	9	-3.64%
DES	Wisdom Tree SmallCap Div.	Small Cap Value	6.56%	+169	9.25%	10.56%	5.05%	6.75	8	-64.46%
DIA	SPDR Dow Jones Industrial Average	Large Cap Value	6.48%	+168	5.86%	7.85%	4.91%	9.59	7	-1.29%
XME	SPDR S&P Metals & Mining	Commodity Producers	6.47%	+167	9.46%	7.08%	1.28%	8.43	7	-17.98%
IWP	Russell MidCap Growth	Mid-Cap Growth	6.37%	+166	8.09%	8.67%	5.09%	18.09	10	-19.92%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	6.35%	+165	4.33%	6.45%	3.10%	20.20	9	-52.63%
IVE	S&P 500/BARRA Value	Large Value	6.33%	+164	5.67%	8.91%	3.66%	15.17	8	0.00%
IYJ	Dow Jones US Industrial	Industrial Equities	6.31%	+163	7.11%	8.11%	4.07%	12.97	8	-43.53%
SCHB	Schwab U.S. Broad Market	All Cap Equities	6.24%	+162	4.78%	6.69%	3.07%	19.28	8	-52.99%
FXD	First Trust Cons. Discret. AlphaDEX	Consumer Discretionar	6.22%	+161	11.35%	13.81%	5.28%	15.51	11	-15.14%
MTUM	iShares Edge MSCI USA Momentum Fact	All Cap Equities	5.85%	+160	2.58%	7.09%	4.73%	3.34	4	-22.17%
VBR	Vanguard SmallCap Value	Small Cap Value	5.76%	+159	8.93%	9.58%	3.49%	7.21	7	-8.33%
FEX	First Trust Large Cap Core AlphaDEX	Large Cap Blend Equity	5.74%	+158	6.32%	7.50%	3.28%	8.28	6	-6.75%
EWW	iShares Mexico Index	Latin America Stock	5.69%	+157	8.34%	16.58%	6.71%	29.28	15	-2.19%
HEZU	iShares Currency Hedged MSCI Eurozon	Europe Equities	5.66%	+156	7.44%	9.91%	5.57%	20.12	11	-14.30%
DBJP	Deutsche X-Trackers MSCI Japan Hedge	Japan Equities	5.63%	+155	-0.13%	3.29%	-0.74%	28.16	8	-2.47%
HEWG	iShares Currency Hedged MSCI Germany	Europe Equities	5.60%	+154	9.78%	11.17%	6.00%	19.78	12	-4.94%
PKW	PowerShares Buyback Achievers	All Cap Equities	5.57%	+153	5.02%	4.88%	1.31%	9.21	5	-4.76%
XLI	Industrial Select Sector *	Industrial Equities	5.52%	+152	6.25%	7.09%	3.77%	10.95	7	-1.62%
DON	Wisdom Tree MidCap Div.	Mid-Cap Value	5.52%	+151	8.05%	8.23%	3.46%	6.08	6	-56.99%
EWT	iShares Taiwan Index	Pacific Asia/excl. Japan	5.51%	+150	5.00%	6.68%	5.50%	20.89	10	-28.36%
IWN	Russell 2000 Value	Small Value	5.32%	+149	10.91%	10.61%	2.89%	4.62	7	-17.98%
RPV	Guggenheim S&P 500 Pure Value	Large Value	5.20%	+148	9.83%	10.69%	3.36%	1.31	6	-11.66%
URE	ProShares Ultra Real Estate	Leveraged Real Estate	5.14%	+147	20.08%	19.17%	4.08%	-2.51	10	-51.48%
ACWI	iShares MSCI ACWI	Global Equities	5.01%	+146	4.67%	6.40%	3.02%	16.29	8	-7.95%
IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	4.90%	+145	9.35%	9.80%	3.57%	-45.97	-6	-53.14%
FNDX	Schwab Fundamental U.S. Large Compa	Large Cap Value Equiti	4.89%	+144	4.83%	6.16%	2.05%	10.97	6	-1.00%
SPHQ	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	4.85%	+143	2.39%	3.08%	1.22%	18.59	6	-2.87%
FEZ	SPDR Euro Stoxx 50	Europe Stock	4.83%	+142	8.20%	12.74%	6.96%	20.72	12	-5.33%

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VT	Vanguard Total World Stock Index	Global Equities	4.73%	+141	4.93%	6.73%	2.51%	15.32	7	-9.01%
PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	4.70%	+140	3.10%	5.36%	2.82%	14.36	6	-19.51%
VLUE	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	4.68%	+139	6.71%	7.68%	2.48%	5.79	6	-16.10%
IWR	Russell MidCap Index Fs	Mid-Cap Blend	4.67%	+138	7.81%	7.97%	2.84%	9.49	7	-67.04%
PCY	PowerShares Emerging Markets Sovereig	Emerging Markets Bon	4.65%	+137	7.24%	10.76%	4.53%	6.37	7	-35.83%
VB	Vanguard SmallCap	Small Cap Blend	4.64%	+136	9.37%	8.92%	2.49%	9.29	8	-16.20%
VOT	Vanguard Mid-Cap Growth	Mid-Cap Growth	4.48%	+135	6.78%	6.37%	2.73%	14.69	8	-22.43%
IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	4.36%	+134	9.32%	9.72%	3.03%	6.50	7	-37.96%
IJT	S&P SmallCap 600/BARRA Growth	Small Growth	4.34%	+133	8.59%	8.40%	2.58%	7.36	7	-44.51%
VIG	Vanguard Div. Appreciation	Large Cap Value Equiti	4.31%	+132	4.02%	6.10%	2.61%	8.96	5	-3.93%
SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	4.24%	+131	10.37%	9.85%	2.26%	8.52	8	-60.09%
IJH	S&P MidCap 400	Mid-Cap Blend	4.24%	+130	8.08%	8.03%	2.42%	8.79	7	-9.43%
MDY	MidCap Trust Series I	Mid-Cap Blend	4.20%	+129	7.98%	7.95%	2.78%	8.75	7	-9.32%
EZU	European Monetary Union Index	Europe Stock	4.19%	+128	7.92%	12.04%	5.93%	17.68	11	-9.86%
IJR	S&P Sm.Cap 600	Small Blend	4.17%	+127	9.76%	10.01%	2.81%	6.03	7	-16.60%
EWG	iShares Germany Index	Europe Stock	4.13%	+126	10.10%	12.93%	6.11%	17.27	12	-20.50%
VO	Vanguard Mid-Cap	Mid-Cap Blend	4.13%	+125	6.95%	7.08%	2.41%	8.56	6	-15.29%
IJK	S&P MidCap 400/BARRA Growth	Mid-Cap Growth	4.06%	+124	6.89%	6.52%	1.98%	10.82	7	-70.55%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equ	4.06%	+123	5.97%	5.62%	1.51%	11.40	6	-14.20%
ICF	Cohen & Steers Realty	Real Estate	3.99%	+122	10.38%	10.62%	2.68%	1.84	6	-55.66%
PEY	PowerShares Hi Yields Div. Achiev's	Mid-Cap Value	3.92%	+121	9.00%	7.95%	0.35%	-2.22	4	-10.01%
USMV	iShares Edge MSCI Min Vol USA	All Cap Equities	3.89%	+120	3.53%	4.92%	2.26%	6.14	4	-5.57%
IWS	Russell MidCap Value	Mid-Cap Value	3.88%	+119	7.69%	7.60%	1.94%	5.05	6	-10.46%
IJS	S&P SmallCap 600/BARRA Value	Small Value	3.87%	+118	10.64%	11.56%	2.96%	4.54	7	-44.90%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	3.86%	+117	7.21%	7.77%	2.23%	3.27	5	-8.82%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equ	3.84%	+116	3.71%	4.40%	1.59%	16.07	6	-13.74%
IYR	Dow Jones US Real Estate	Real Estate	3.75%	+115	10.36%	10.46%	2.02%	2.49	6	-25.70%
IWM	Russell 2000	Small Blend	3.74%	+114	10.46%	9.71%	1.74%	7.13	7	-22.99%
EWN	iShares Netherlands Index	Europe Stock	3.73%	+113	6.96%	14.31%	9.30%	15.20	11	-20.23%
RSP	Guggenheim S&P Equal Weight	Large Blend	3.70%	+112	6.97%	7.33%	2.03%	6.60	6	-8.30%
SCHM	Schwab U.S. Mid Cap	Mid Cap Blend Equities	3.63%	+111	7.92%	7.02%	1.54%	8.25	6	-14.83%
IHDG	WisdomTree International Hedged Divide	Foreign Large Cap Equ	3.61%	+110	4.97%	6.19%	2.70%	15.10	7	-11.69%
VNQ	Vanguard REIT Index	Real Estate	3.59%	+109	10.65%	10.80%	2.24%	1.41	6	-27.90%
EWJ	iShares Japan Index	Japan Stock	3.47%	+108	3.82%	5.37%	-0.33%	15.32	6	-15.30%
FPE	First Trust Preferred Securities and Incom	Preferred Stock	3.39%	+107	3.06%	4.96%	1.98%	-1.67	2	-20.39%
TUR	iShares Turkey Investment Index	Emerging Markets Equi	3.35%	+106	0.78%	-6.51%	-6.88%	-5.62	-5	-25.89%
RWR	Wilshire REIT Fund	Real Estate	3.22%	+105	10.08%	9.06%	0.57%	3.59	6	-26.10%
VBK	Vanguard SmallCap Growth	Small Cap Growth	3.20%	+104	9.97%	8.08%	1.36%	12.46	8	-26.25%
DBEU	Deutsche X-Trackers MSCI Europe Hedg	Europe Equities	3.16%	+103	5.57%	5.51%	3.12%	11.79	6	-1.53%
DBEF	Deutsche X-Trackers MSCI EAFE Hedge	Foreign Large Cap Equ	2.98%	+102	3.73%	4.54%	1.68%	12.94	6	-8.86%
IEV	S&P Europe 350 Index	Europe Stock	2.96%	+101	6.77%	7.76%	3.70%	13.14	8	-8.11%
VTV	Vanguard Value	Large Cap Value	2.94%	+100	4.74%	4.99%	0.44%	2.70	3	-4.40%
IWD	Russell 1000 Value	Large Value	2.93%	+99	5.66%	5.74%	0.28%	4.71	4	-6.87%
DGRO	iShares Core Dividend Growth	Large Cap Value Equiti	2.93%	+98	4.87%	5.53%	0.95%	4.22	4	-7.05%

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PXF	PowerShares FTSE RAFI Developed Mar	Foreign Large Cap Equ	2.87%	+97	5.63%	6.02%	0.73%	10.26	6	-9.09%
SCHH	Schwab U.S. REIT	Real Estate	2.87%	+96	9.27%	9.46%	1.46%	0.78	5	-63.10%
RWO	SPDR DJ Wilshire Global Real Estate	Global Real Estate	2.81%	+95	9.38%	9.38%	1.25%	1.25	5	-26.77%
VGK	Vanguard European	Europe Equities	2.77%	+94	6.94%	8.32%	3.64%	12.52	8	-11.64%
VNQL	Vanguard Global ex-U.S. Real Estate	Global Real Estate	2.77%	+93	6.58%	8.53%	3.08%	0.36	5	-36.31%
UUP	PowerShares DB US Dollar Bullish	Currency	2.64%	+92	-1.27%	-1.57%	0.14%	5.93	1	-3.95%
IHF	iShares DJ US Healthcare Provid's	Health & Biotech Equiti	2.57%	+91	4.38%	2.59%	4.55%	-3.40	2	-12.60%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equ	2.52%	+90	5.85%	6.88%	2.47%	11.43	7	-10.95%
VAW	Vanguard Materials VIPERS	Materials	2.45%	+89	6.41%	6.49%	0.69%	5.91	5	-9.64%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equ	2.45%	+88	5.91%	7.09%	2.37%	10.72	7	-12.72%
EMB	iShares Emerging Markets Bond	Emerging Market Bond	2.43%	+87	4.90%	6.81%	2.84%	2.66	4	-26.39%
EWQ	iShares France Index	Europe Stock	2.42%	+86	7.16%	10.37%	3.12%	15.67	9	-5.29%
PHB	PowerShares High Yield Corp Bond	High Yield Bonds	2.41%	+85	2.18%	4.52%	2.54%	3.91	3	-9.56%
VRP	PowerShares Variable Rate Preferred Por	Preferred Stock	2.40%	+84	1.92%	3.45%	0.71%	1.74	2	-13.94%
XLB	Materials Select Sector *	Materials	2.29%	+83	5.91%	5.53%	0.27%	5.47	4	-9.58%
FDL	1st Trust Morningstar Div. Lead's	Large Cap Value	2.29%	+82	7.57%	6.36%	0.52%	-3.99	3	-10.41%
EWC	iShares Canada Index	Foreign Large Cap Equ	2.27%	+81	5.32%	5.67%	-0.60%	7.12	4	-13.77%
IAU	iShares Gold Trust	Precious Metals	2.25%	+80	3.44%	3.84%	4.06%	9.57	5	-3.86%
CWB	SPDR Barclays Convertible Securities	Convertible Bonds	2.25%	+79	5.34%	3.88%	0.58%	7.88	4	-24.72%
VYM	Vanguard High Div. Yield Index	Large Cap Value	2.23%	+78	4.82%	5.02%	-0.16%	-0.56	2	-6.44%
EWA	iShares Australia Index	Asia Pacific Equities	2.22%	+77	6.74%	7.84%	2.61%	2.65	5	-16.65%
GLD	SPDR Gold Shares	Precious Metals	2.21%	+76	3.41%	3.81%	4.09%	9.43	5	-4.25%
EWK	iShares Belgium Index	Europe Stock	2.19%	+75	6.07%	9.46%	2.43%	3.35	5	-20.21%
BNDX	Vanguard Total International Bond	Total Bond Market	2.18%	+74	2.67%	3.46%	2.80%	4.62	3	-16.21%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	2.15%	+73	5.61%	6.91%	1.25%	10.29	6	-13.36%
SCHV	Schwab U.S. Large-Cap Value	Large Cap Value Equiti	2.09%	+72	4.94%	5.38%	-0.24%	1.74	3	-9.46%
VWOB	Vanguard Emerging Markets Gov Bonds	Emerging Markets Bon	1.96%	+71	5.00%	6.52%	2.53%	1.87	4	-25.40%
IWO	Russell 2000 Growth	Small Growth	1.95%	+70	10.00%	8.58%	0.56%	8.99	7	-30.55%
DBA	PowerShares DB Agriculture Fd	Agriculture Commoditie	1.92%	+69	-1.00%	0.51%	-2.33%	8.29	1	-4.97%
TBF	ProShares Short 20+Year Treasury	Inverse Bonds	1.90%	+68	-6.77%	-7.21%	-2.40%	3.84	-3	-12.49%
HYG	iShares Lehman Hi-Yield Corp.	High Yield Bond	1.89%	+67	2.43%	4.27%	1.63%	3.03	3	-14.74%
DWX	SPDR S&P International Dividend	Foreign Large Cap Equ	1.86%	+66	5.15%	6.47%	0.49%	8.01	5	-18.64%
ACWX	iShares MSCI ACWI ex US	Global Equities	1.84%	+65	4.54%	5.79%	1.56%	8.75	5	-16.33%
SPHD	PowerShares S&P 500 HiDivLowVol	Large Cap Value	1.82%	+64	7.28%	6.56%	0.95%	-5.54	2	-15.92%
VCLT	Vanguard Long-Term Corporate Bond	Corporate Bonds	1.79%	+63	7.67%	8.66%	3.90%	1.78	6	-31.78%
VSS	Vanguard FTSE All-Wld ex-US SmCP Idx	Foreign Small & Mid Ca	1.75%	+62	5.62%	6.96%	0.66%	8.06	5	-21.77%
VEU	Vanguard FTSE All-Word ex-US	Global Equities	1.75%	+61	4.69%	5.76%	0.93%	8.72	5	-16.50%
IFGL	iShares FTSE EPRA/NAREIT Global Real	Global Real Estate	1.74%	+60	7.76%	9.90%	2.87%	-3.04	4	-35.60%
IXUS	iShares Core MSCI Total International Sto	Global Equities	1.74%	+59	4.55%	5.79%	1.22%	8.67	5	-16.72%
XMLV	PowerShares S&P MidCap Low Volatility	Mid Cap Blend Equities	1.72%	+58	5.38%	6.11%	1.80%	-2.94	3	-11.31%
PZA	Pshares Insured National Munis	National Munis	1.70%	+57	4.39%	5.51%	2.97%	2.70	4	-14.39%
TBT	ProShares UltraShort Lehman 20 Yr Trea	Leveraged Bonds	1.69%	+56	-13.57%	-15.05%	-5.82%	4.06	-8	-24.09%
ACVV	iShares Edge MSCI Min Vol Global	Global Equities	1.69%	+55	3.03%	3.59%	1.04%	4.24	3	-8.52%
JNK	Barclays Cap. High Yield Bond	High Yield Bond	1.68%	+54	2.32%	4.08%	1.34%	3.12	3	-71.43%

Ticker	ETF Name	Orientation	%M/A		4 wk	8 wk	12 wk	YTD	M-Index	DD%
VXUS	Vanguard Total International Stock	Global Equities	1.60%	+53	4.68%	5.74%	0.84%	8.55	5	-16.83%
DVY	iShares Select Dividend Index	Large Cap Value	1.58%	+52	7.18%	7.05%	0.54%	-5.31	2	-13.58%
RWX	SPDR DJ Wil Intern. RE	Real Estate	1.51%	+51	7.98%	9.45%	2.96%	-3.96	4	-40.36%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	1.49%	+50	3.87%	5.35%	-0.66%	8.11	4	-18.78%
SDOG	ALPS Sector Dividend Dogs	Large Cap Value Equiti	1.48%	+49	9.19%	7.75%	0.69%	-3.23	4	-13.35%
MUB	iShares S&P National Muni Bond	National Munis	1.44%	+48	3.40%	4.34%	2.29%	1.51	3	-9.18%
LQD	iShares iBoxx \$ Liquid Invest. Gr.	Corporate Bonds	1.40%	+47	5.08%	5.90%	2.86%	1.83	4	-22.85%
HYS	PIMCO 0-5 Year High Yield Corp Bond	High Yield Bonds	1.40%	+46	1.72%	2.70%	0.80%	2.77	2	-10.01%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	1.34%	+45	6.45%	8.49%	1.70%	4.94	5	-25.05%
SHYG	iShares 0-5 Year High Yield Corporate Bo	High Yield Bonds	1.34%	+44	1.61%	2.91%	1.02%	2.08	2	-13.10%
IYM	Dow Jones US Basic Mat's	Materials	1.24%	+43	5.49%	4.57%	-0.27%	4.83	4	-15.08%
PGF	PowerShares Fin. Preferred Portf.	Specialty-Financial	1.16%	+42	3.75%	7.07%	0.84%	-0.14	3	-26.37%
IDV	iShares International Select Dividend	Foreign Large Cap Equ	1.12%	+41	6.25%	6.62%	-0.11%	-1.03	3	-25.08%
SJNK	SPDR Barclays Short Term High Yield Bo	High Yield Bonds	1.11%	+40	1.72%	2.65%	0.61%	2.31	2	-11.87%
PFF	iShares S&P Preferred Stock	Preferred Stock/Conver	1.08%	+39	3.83%	6.02%	0.49%	0.43	3	-23.88%
VCIT	Vanguard Intermediate-Term Corporate B	Corporate Bonds	1.03%	+38	3.83%	4.40%	2.27%	1.84	3	-18.76%
EWU	iShares United Kingdom Index	Europe Stock	0.99%	+37	4.96%	2.87%	0.28%	6.26	4	-13.99%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equi	0.98%	+36	0.50%	0.65%	-1.98%	3.26	1	-27.67%
BAB	PowerShares Build America Bond Portfoli	National Munis	0.95%	+35	4.64%	4.73%	2.09%	2.53	3	-23.90%
XBI	SPDR Series Trust SPDR S&P Biotech	Health & Biotech Equiti	0.93%	+34	18.48%	13.97%	2.87%	-4.43	8	-54.41%
PGX	PowerShares Preferred Portfolio	Preferred Stock/Conver	0.91%	+33	3.88%	7.66%	0.72%	0.63	3	-27.28%
VCSH	Vanguard Short-Term Corporate Bond	Corporate Bonds	0.89%	+32	1.52%	1.79%	1.33%	1.53	2	-8.30%
DEM	WisdomTree Emerg. Mkts Hi-Yld E.	Emerging Mkts Equities	0.84%	+31	3.20%	3.36%	-2.10%	8.61	3	-23.01%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equ	0.82%	+30	5.63%	7.80%	3.08%	10.84	7	-18.52%
FLTB	Fidelity Limited Term Bond	Corporate Bonds	0.81%	+29	1.44%	1.57%	1.23%	1.31	1	-8.09%
SCHF	Schwab International Equity	Foreign Large Cap Equ	0.79%	+28	3.58%	4.75%	0.00%	9.59	4	-13.57%
SDY	SPDR Dividend ETF	Large Value	0.78%	+27	6.18%	6.62%	1.16%	-3.09	3	-8.38%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equi	0.75%	+26	2.35%	3.67%	0.12%	5.25	3	-29.24%
IYZ	Down Jones US Telecom	Commun. Equities	0.74%	+25	4.22%	4.97%	-1.30%	-2.10	1	-39.90%
XLV	Health Care Select SPDR *	Health & Biotech Equiti	0.74%	+24	4.59%	1.44%	-0.09%	-2.78	1	-7.53%
SCHD	Schwab US Dividend Equity	All Cap Equities	0.71%	+23	4.44%	3.13%	-1.51%	-4.00	1	-11.50%
EWL	iShares Switzerland Index	Europe Stock	0.70%	+22	6.69%	4.31%	0.79%	9.59	5	-13.33%
NOBL	ProShares S&P 500 Dividend Aristocrats	Large Cap Value Equiti	0.69%	+21	5.24%	5.32%	-0.98%	2.16	3	-6.86%
DHS	Wisdom Tree High-Yield Equity	Large Cap Value	0.56%	+20	5.54%	3.63%	-1.13%	-7.09	0	-12.31%
JXI	iShares S&P Global Utilities	Utilities Equities	0.54%	+19	6.34%	9.26%	0.44%	-2.13	3	-12.74%
BSV	Vanguard Short Term Bond	Total Bond Market	0.50%	+18	1.21%	1.39%	1.14%	1.12	1	-8.62%
VTIP	Vanguard Short-Term Inflation-Protected	Inflation-Protected Bon	0.38%	+17	0.83%	1.06%	0.38%	1.93	1	-9.83%
FXB	CurrencyShares British Pound	Currency	0.34%	+16	2.58%	3.26%	1.24%	3.91	3	-17.04%
EWY	iShares S. Korea Index	Pacific Asia/excl. Japan	0.30%	+15	3.08%	5.79%	-1.52%	10.06	4	-35.40%
BKLN	PowerShares Exchange-Traded Fund Tru	High Yield Bonds	0.29%	+14	-0.19%	-0.14%	-1.32%	2.24	0	-10.38%
BWX	SPDR Lehman Intl Treasury Bond	World Gov Bond	0.28%	+13	4.30%	5.68%	3.19%	-0.45	3	-29.00%
GVI	iShares Lehman Intern. Govt/Credit	Total Bond Market	0.24%	+12	1.76%	1.95%	1.24%	0.61	1	-12.89%
VHT	Vanguard Health Care	Health & Biotech Equiti	0.15%	+11	5.49%	2.02%	-0.44%	-2.92	1	-9.98%
IYH	Dow Jones US Healthcare	Specialty-Health	0.15%	+10	4.89%	1.34%	-0.72%	-2.72	1	-8.57%

Ticker	ETF Name	Orientation	%M/A		4 wk	8 wk	12 wk	YTD	M-Index	DD%
SHY	iShares Lehman 1-3 Year Treasury	Government Bonds	0.13%	+9	0.59%	0.68%	0.72%	0.38	1	-6.13%
FTSM	First Trust Enhanced Short Maturity	Total Bond Market	0.11%	+8	0.17%	0.12%	0.13%	0.34	0	-0.96%
FLOT	iShares Floating Rate Bond	Corporate Bonds	0.10%	+7	-0.02%	-0.08%	-0.14%	0.70	0	-0.80%
BOND	PIMCO Total Return Active Exchange-Tra	Total Bond Market	0.07%	+6	3.39%	3.78%	1.14%	-0.09	2	-20.13%
AGG	iShares Lehman Aggregate Bond	Intermediate-Term Bon	0.04%	+5	3.12%	3.47%	1.47%	-0.10	2	-19.01%
BND	Vanguard Total Bond Market	Intermediate-Term Bon	0.04%	+4	3.07%	3.41%	1.46%	-0.03	2	-19.74%
SPLV	PowerShares S&P 500 Low Volat.	Large Cap Blend	0.02%	+3	2.88%	4.73%	0.39%	-3.76	1	-11.41%
VGSH	Vanguard Short-Term Government	Government Bonds	0.01%	+2	0.63%	0.66%	0.61%	0.17	1	-7.09%
IWY	Russell Top 200 Growth	Small Growth	0.00%	+1	3.78%	7.87%	6.49%	0.00	5	0.00%
RSX	Market Vectors Russia	Emerging Markets Equi	0.00%	-1	0.00%	0.00%	0.00%	-0.53	0	-83.14%
VWO	Vanguard Emerging Markets	Emerging Markets Equi	-0.04%	-2	2.11%	3.02%	-0.81%	3.16	2	-28.82%
BIV	Vanguard Intermed. Term Bond	Intermediate-Term Bon	-0.04%	-3	3.14%	3.37%	1.61%	0.22	2	-21.08%
IEO	iShares DJ Oil & Gas Expl.&Prod.	Energy Equities	-0.06%	-4	-2.65%	-9.24%	-9.43%	-2.57	-6	-14.60%
SCHZ	Schwab US Aggregate Bond	Total Bond Market	-0.07%	-5	3.10%	3.48%	1.40%	-0.24	2	-19.99%
IEI	iShares Lehman 3-7 Yr. Treasury	Government Bonds	-0.15%	-6	1.83%	1.87%	1.20%	0.17	1	-14.18%
SCHO	Schwab Short-Term U.S. Treasury	Government Bonds	-0.16%	-7	0.52%	0.59%	0.50%	-0.27	0	-7.00%
FXG	1st Trust Consumer Staples	Consumer Staples Equi	-0.20%	-8	3.42%	7.14%	-2.42%	-1.78	2	-9.23%
HDV	iShares Core High Dividend	Large Cap Value Equiti	-0.22%	-9	4.38%	2.80%	-3.21%	-3.96	0	-8.92%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	-0.26%	-10	1.72%	3.04%	-0.31%	2.93	2	-32.69%
IXJ	S&P Global Healthcare	Health & Biotech Equiti	-0.27%	-11	4.01%	0.72%	-1.13%	-1.20	1	-31.85%
GDXJ	VanEck Vectors Junior Gold Miners	Commodity Producers	-0.29%	-12	10.89%	7.52%	1.82%	2.22	6	-43.11%
BLV	Vanguard Long Term Bond	Long-Term Bond	-0.32%	-13	7.24%	7.98%	2.79%	-1.19	4	-39.10%
IHE	iShares DJ US Pharmaceuticals	Health & Biotech Equiti	-0.37%	-14	4.83%	-0.69%	-4.46%	-4.19	-1	-11.64%
DFE	Wisdom Tree Europe SmCap Div.	Europe Stock	-0.39%	-15	6.67%	9.23%	2.56%	1.64	5	-29.69%
RING	iShares MCSI Global Gold Miners Fund	Commodity Producers	-0.46%	-16	11.15%	4.62%	2.57%	5.37	6	-36.23%
VGIT	Vanguard Intermediate-Term Gov Bonds	Government Bonds	-0.46%	-17	2.09%	2.11%	1.09%	-0.48	1	-17.85%
IXC	S&P Global Energy	Energy Equities	-0.53%	-18	-1.13%	-6.27%	-7.59%	-1.00	-4	-9.39%
GOVT	iShares Core U.S. Treasury Bond	Government Bonds	-0.55%	-19	2.45%	2.59%	1.12%	-0.70	1	-20.28%
GNR	SPDR S&P Global Natural Resources	Commodity Producers	-0.58%	-20	2.84%	-0.72%	-3.53%	-3.63	-1	-15.82%
EWM	iShares Malaysia Index	Emerging Markets Equi	-0.60%	-21	-0.14%	0.77%	-0.80%	-8.06	-2	-42.42%
FXE	CurrencyShares Euro Currency Trust	Currency	-0.64%	-22	0.74%	2.36%	0.93%	0.55	1	-17.54%
SCHR	Schwab Intermediate-Term U.S. Treasury	Government Bonds	-0.64%	-23	2.01%	2.03%	0.97%	-0.91	1	-17.27%
REZ	iShares Residential Real Estate Capped	Specialty-Real Estate	-0.68%	-24	7.95%	4.32%	-1.80%	1.36	3	-30.16%
IGE	iShares North American Natural Resource	Commodity Producers	-0.80%	-25	0.53%	-4.79%	-7.67%	-2.63	-4	-12.85%
FXN	1st Trust Energy AlphaDEX	Energy Equities	-0.90%	-26	-2.53%	-9.14%	-8.73%	-5.21	-6	-16.49%
FXU	1st Trust Utilities AlphaDEX	Utilities Equities	-0.99%	-27	7.19%	6.82%	-0.93%	-7.08	2	-14.52%
IDU	Dow Jones US Utilities	Utilities Equities	-1.02%	-28	5.02%	7.32%	-1.50%	-8.20	1	-55.13%
SCHP	Schwab U.S. TIPs	Inflation-Protected Bon	-1.04%	-29	1.76%	1.86%	0.35%	-0.83	1	-19.61%
TIP	iShares TIPS Bond Fd	Inflation-Protected Bon	-1.04%	-30	1.79%	1.79%	0.36%	-0.89	1	-19.39%
TOTL	SPDR DoubleLine Total Return Tactical	Total Bond Market	-1.05%	-31	2.96%	2.61%	0.28%	-1.70	1	-21.83%
EPHE	iShares MSCI Philippines	Emerging Markets Equi	-1.05%	-32	2.55%	2.51%	4.81%	-3.40	2	-37.36%
SIL	Global X Silver Miners	Commodity Producers	-1.11%	-33	13.17%	8.47%	0.87%	-5.47	4	-50.31%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	-1.26%	-34	3.33%	4.75%	-1.97%	4.48	3	-25.41%

Ticker	ETF Name	Orientation	%M/A		4 wk	8 wk	12 wk	YTD	M-Index	DD%
IEF	iShares Lehman 7-10 Yr Treasury	Government Bonds	-1.38%	-35	3.04%	2.97%	0.92%	-1.91	1	-23.66%
IBB	Nasdaq Biotechnology	Health & Biotech Equiti	-1.70%	-36	7.23%	1.85%	-2.16%	-5.64	0	-63.66%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	-1.73%	-37	3.79%	4.27%	0.32%	-4.09	1	-23.96%
XLU	Utilities Select Sector *	Utilities Equities	-1.85%	-38	5.12%	6.93%	-2.36%	-10.06	0	-18.83%
EFZ	ProSharesShort MSCI EAFE	Inverse Equities	-1.97%	-39	-5.03%	-5.53%	-2.11%	-9.45	-6	-49.26%
FXI	CurrencyShares Japanese Yen Trust	Currency	-2.07%	-40	4.49%	3.09%	1.83%	-10.01	0	-33.83%
ECH	iShares Chile Index	Latin America	-2.18%	-41	10.82%	9.71%	0.40%	0.96	5	-51.31%
EZA	iShares South Africa Index	Emerging Markets Equi	-2.23%	-42	1.37%	1.95%	1.66%	-7.52	-1	-48.38%
VPU	Vanguard Utilities VIPERS	Utilities Equities	-2.25%	-43	5.43%	7.03%	-2.46%	-10.69	0	-19.15%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	-2.26%	-44	0.83%	0.96%	-1.68%	-0.62	0	-36.92%
VDE	Vanguard Energy VIPERS	Energy Equities	-2.31%	-45	-1.73%	-8.57%	-10.78%	-5.18	-7	-12.80%
BBH	VanEck Vectors Biotech	Health & Biotech	-2.31%	-46	4.22%	-1.83%	-3.92%	-3.62	-1	-30.26%
VDC	Vanguard Consumer Staples	Consumer Staples Equi	-2.38%	-47	2.05%	5.33%	-2.46%	-2.89	1	-10.70%
TLH	iShares Lehman 10-20 Yr Treasury	Government Bonds	-2.56%	-48	5.76%	6.13%	1.02%	-4.29	2	-39.92%
GDX	Mkt Vector Gold Miners	Specialty-Precious Met	-2.60%	-49	8.92%	2.52%	-0.13%	3.56	4	-33.35%
GUNR	FlexShares Global Upstream Natural Res	Commodity Producers	-2.65%	-50	2.72%	-1.20%	-4.87%	-8.83	-3	-19.01%
XLE	Energy Select Sector *	Energy Equities	-2.67%	-51	-1.41%	-8.22%	-10.63%	-5.99	-7	-12.60%
SLV	iShares Silver Trust	Precious Metals	-2.77%	-52	3.74%	1.54%	-0.05%	-4.18	0	-21.85%
TLT	iShares 20+ Treas. Bd	Government Bonds	-2.89%	-53	7.44%	7.91%	1.70%	-5.04	3	-44.90%
IYE	Dow Jones US Energy	Specialty-Natural Res.	-3.02%	-54	-1.42%	-8.47%	-10.72%	-7.25	-7	-14.61%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equi	-3.19%	-55	-1.66%	-0.88%	-3.75%	-0.17	-2	-31.76%
EWS	iShares Singapore Index	Pacific Asia/excl. Japan	-3.22%	-56	1.06%	0.39%	-2.78%	-3.30	-1	-35.47%
IHI	iShares DJ US Medical Devices	Health & Biotech Equiti	-3.26%	-57	10.71%	11.64%	0.32%	-3.65	5	-86.37%
IYK	Dow Jones US Cons. Goods	Consumer Staples Equi	-3.33%	-58	1.74%	4.97%	-3.33%	-6.70	-1	-11.34%
XLP	Consumer Staples Select *	Consumer Staples	-3.47%	-59	1.67%	4.96%	-2.69%	-5.96	-1	-12.98%
RWM	ProShares Short Russell2000	Inverse Equities	-3.51%	-60	-9.21%	-8.31%	-2.25%	-6.22	-6	-63.44%
DBC	PowerShares DB Commodity Index	Commodities	-3.75%	-61	-4.33%	-7.44%	-9.91%	-6.69	-7	-24.66%
PJP	Dynamic Pharmaceuticals	Health & Biotech Equiti	-3.80%	-62	4.91%	1.04%	-5.10%	-8.36	-2	-13.78%
GSG	iShares GSCI Commodity Index	Commodities.	-3.83%	-63	-4.55%	-10.51%	-12.67%	-6.17	-8	-24.37%
HDGE	Ranger Equity Bear	Inverse Equities	-3.86%	-64	-8.64%	-6.36%	3.19%	-20.17	-8	-79.56%
EDV	Vanguard Extended Duration Treasury	Government Bonds	-4.06%	-65	11.18%	12.27%	1.98%	-7.46	4	-57.03%
ZROZ	PIMCO 25 Yr Zero Coupon US Treas Idx	Government Bonds	-4.07%	-66	12.35%	13.29%	2.38%	-8.03	5	-57.73%
FBT	1st Trust Biotechnolgy Index	Health & Biotech Equiti	-4.14%	-67	6.78%	-0.30%	-4.36%	-6.34	-1	-21.90%
FTGC	First Trust Global Tactical Commodity Str	Commodities	-4.31%	-68	-3.18%	-5.86%	-9.56%	-8.08	-7	-28.45%
PPLT	ETFS Physical Platinum Shares	Precious Metals	-4.42%	-69	8.35%	3.88%	-1.31%	-14.87	-1	-29.23%
DJP	Bloomberg Commodity Index	Commodities	-4.75%	-70	-3.81%	-7.31%	-9.13%	-10.83	-8	-27.04%
FXH	1st Trust Health Care AlphaDEX	Health & Biotech Equiti	-4.96%	-71	6.33%	1.99%	-3.25%	-10.30	-1	-23.87%
DOG	ProShares Short Dow 30	Bear Market	-5.07%	-72	-5.09%	-6.31%	-4.27%	-6.51	-6	-65.16%
SH	Short S&P 500 ProShares ETF	Inverse Equities	-5.16%	-73	-3.60%	-5.15%	-3.13%	-14.91	-7	-67.25%
XPH	SPDR Pharmaceuticals	Health & Biotech Equiti	-5.63%	-74	8.42%	1.14%	-9.92%	-6.64	-2	-31.74%
MOO	VanEck Vectors Agribusiness	Commodity Producers	-8.54%	-75	1.73%	-2.90%	-10.32%	-13.80	-6	-31.70%
PSQ	ProShares Short QQQ	Inverse Equities	-9.10%	-76	-2.99%	-5.98%	-5.62%	-31.59	-12	-81.90%
THD	iShares Thailand Capped Invest Mrkt Idx	Emerging Markets Equi	-9.37%	-77	0.10%	-2.57%	-9.09%	-19.28	-8	-40.34%
MCHI	iShares MSCI China	China Equities	-10.66%	-78	-4.82%	-6.30%	-8.53%	-14.84	-9	-58.38%

Ticker	ETF Name	Orientation	%M/A		4 wk	8 wk	12 wk	YTD	M-Index	DD%
AGQ	ProShares Ultra Silver	Leveraged Commoditie	-10.93%	-79	6.16%	0.63%	-3.78%	-19.75	-4	-63.16%
ASHR	Deutsche X-Trackers China A-Shares	China Equities	-11.13%	-80	-4.16%	-5.97%	-7.45%	-14.49	-8	-48.36%
EWH	iShares Hong Kong Index	China Equities	-12.27%	-81	-2.95%	-4.69%	-6.16%	-21.66	-9	-41.42%
FXI	iShares China 25 Index	China Equities	-13.26%	-82	-7.71%	-10.50%	-12.80%	-16.25	-12	-56.49%
UNG	U.S. Natural Gas Fund	Oil & Gas	-26.44%	-83	-20.70%	-33.07%	-26.28%	-64.40	-36	-94.32%
HEDJ	WisdomTree Europe Hedged Equity	Europe Equities	-31.86%	-84	7.58%	8.73%	5.95%	-39.12	-4	-49.26%
PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	-62.57%	-85	5.51%	6.85%	2.39%	-78.17	-16	-80.70%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	-63.99%	-86	2.94%	0.56%	-0.19%	-79.68	-19	-86.06%