

HV ETF Master List as of 02/08/2024

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
SMH	VanEch Vectors Semiconductor	Technology Equities	17	14.91%	15.10%	23.25%	14.04%	28.22%	0.00%
MTUM	iShares Edge MSCI USA Momentum Factores	All Cap Equities	14	10.61%	14.50%	17.69%	12.25%	20.02%	-9.10%
SOXX	iShares PHLX SOX Semiconductor Sector Index	Technology Equities	12	10.23%	8.80%	20.53%	7.12%	21.74%	0.00%
IGV	iShares North American Tech-Software	Technology Equities	11	7.30%	9.94%	17.30%	7.78%	21.13%	-2.09%
VOX	Vanguard Telecom Serv's	Communication Equities	10	7.75%	10.91%	13.91%	8.48%	16.48%	-15.24%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	10	8.07%	8.34%	14.76%	7.50%	-43.54%	-84.30%
IYW	Dow Jones US Technology	Technology Equities	10	7.85%	9.61%	14.02%	7.91%	18.87%	0.00%
TUR	iShares Turkey Investment Index	Emerging Markets Equit	10	10.44%	7.84%	7.22%	14.99%	9.16%	-21.22%
VUG	Vanguard Growth	Large Cap Growth	9	6.86%	8.76%	13.07%	7.43%	16.31%	0.00%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	9	6.96%	9.50%	13.52%	7.81%	17.00%	-46.38%
IWW	S&P 500/BARRA Growth	Large Growth	9	7.46%	9.19%	12.86%	8.22%	14.31%	-4.17%
DBJP	Deutsche X-Trackers MSCI Japan Hedged	Japan Equities	9	3.92%	11.89%	9.54%	10.12%	12.65%	0.00%
MGK	Vanguard Mega Cap Growth	Large Cap Growth Equi	9	7.19%	9.22%	12.76%	7.85%	16.78%	0.00%
IWF	Russell 1000 Growth	Large Growth	9	6.86%	8.85%	13.27%	7.58%	16.42%	0.00%
VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	9	7.51%	9.16%	12.80%	8.22%	14.27%	-4.22%
DXJ	Wisdom Tree Japan Hedged Equity	Japan Stock	9	4.89%	11.56%	8.17%	11.21%	13.31%	0.00%
IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	9	7.56%	8.95%	12.97%	8.02%	14.19%	-4.02%
PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	9	7.71%	7.90%	13.80%	6.52%	14.01%	-9.79%
IHE	iShares DJ US Pharmaceuticals	Health & Biotech Equiti	9	3.87%	10.25%	15.64%	7.54%	10.18%	-1.21%
SPYG	S&P 500 Growth	Large Cap Growth	9	7.48%	9.18%	12.85%	8.22%	14.34%	-4.18%
XPH	SPDR Pharmaceuticals	Health & Biotech Equiti	9	2.24%	7.92%	19.76%	4.11%	6.88%	-22.64%
IWY	Russell Top 200 Growth	Small Growth	9	7.10%	9.53%	12.94%	8.13%	0.00%	0.00%
FV	First Trust Dorsey Wright Focus 5	Large Cap Value Equiti	8	5.53%	5.09%	16.91%	4.48%	15.03%	0.00%
XLK	Technology Select *	Technology Equities	8	7.02%	7.52%	11.96%	6.55%	16.75%	0.00%
VGT	Vanguard Info Technology	Technolgy Equities	8	6.87%	7.03%	12.69%	6.13%	15.98%	0.00%
XHB	SPDR Series Trust SPDR Home Builders	Building & Construction	8	3.55%	3.00%	20.93%	3.08%	20.62%	0.00%
IHI	iShares DJ US Medical Devices	Health & Biotech Equiti	8	2.78%	6.61%	16.56%	5.48%	8.80%	-84.67%
XBI	SPDR Series Trust SPDR S&P Biotech	Health & Biotech Equiti	8	-1.38%	4.38%	27.22%	-0.08%	10.79%	-48.72%
PEZ	PowerShares Consumer Cyclical	All Cap Equities	8	3.50%	3.50%	20.92%	2.62%	19.52%	-17.36%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	8	5.84%	6.99%	12.06%	6.47%	13.90%	0.00%
QQQ	PowerShares QQQ Trust, Series 1	Large Growth	8	5.73%	7.29%	12.14%	5.68%	15.15%	0.00%
IWP	Russell MidCap Growth	Mid-Cap Growth	8	5.36%	5.26%	15.62%	4.17%	13.57%	-11.73%
HEWJ	iShares Currency Hedged MSCI Japan	Japan Equities	8	3.96%	10.39%	8.24%	9.91%	12.20%	-8.07%
EPHE	iShares MSCI Philippines	Emerging Markets Equit	7	4.38%	6.57%	10.84%	5.43%	7.50%	-32.16%
VHT	Vanguard Health Care	Health & Biotech Equiti	7	2.18%	6.20%	12.92%	5.09%	8.52%	-1.52%
GSLC	Goldman Sachs ActiveBeta U.S. Large CaP	Large Cap Blend Equiti	7	4.74%	5.67%	11.41%	5.14%	12.06%	0.00%
XLV	Health Care Select SPDR *	Health & Biotech Equiti	7	2.31%	6.51%	12.15%	5.68%	8.78%	-0.17%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	7	4.69%	5.89%	11.15%	4.80%	11.93%	-48.41%
IYH	Dow Jones US Healthcare	Specialty-Health	7	2.36%	6.58%	12.53%	5.55%	8.60%	-0.01%
SPHQ	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	7	5.37%	6.49%	10.92%	5.92%	11.61%	0.00%
EWN	iShares Netherlands Index	Europe Stock	7	7.13%	3.96%	12.18%	4.64%	11.39%	-13.16%

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IYT	Dow Jones Transportation	Transportation Equities	7	4.93%	3.28%	14.60%	4.03%	11.56%	-2.49%
VV	Vanguard LargeCap	Large Cap Blend	7	4.63%	5.64%	11.01%	5.05%	12.01%	0.00%
IYC	iShares US Consumer Services	Consumer Discretionary	6	3.87%	3.43%	11.60%	3.11%	11.32%	-71.80%
IJK	S&P MidCap 400/BARRA Growth	Mid-Cap Growth	6	4.88%	3.35%	12.62%	3.31%	9.86%	-68.16%
SCHB	Schwab U.S. Broad Market	All Cap Equities	6	4.41%	5.49%	11.16%	4.28%	11.57%	-48.95%
SPY	SPDR S&P 500	Large Cap Blend	6	4.61%	5.57%	10.68%	4.84%	11.64%	0.00%
INDA	iShares MSCI India	Emerging Markets Equit	6	2.66%	4.45%	12.27%	3.46%	12.24%	-0.77%
HEDJ	WisdomTree Europe Hedged Equity	Europe Equities	6	4.94%	4.08%	10.33%	4.18%	-18.20%	-46.81%
VTI	Total Stock Market VIPERs	All Cap Equities	6	4.35%	4.99%	11.16%	4.29%	11.50%	0.00%
IWV	Russell 3000 Index	All Cap Equities	6	4.37%	4.87%	11.11%	4.18%	11.43%	0.00%
IYG	Dow Jones US Financial Serv's	Specialty-Financial	6	3.32%	2.96%	13.55%	2.49%	12.93%	-9.77%
XLF	Financial Select Sector *	Financial Equities	6	3.45%	3.73%	11.89%	3.64%	12.35%	-5.92%
IYJ	Dow Jones US Industrial	Industrial Equities	6	4.21%	3.65%	12.62%	2.62%	11.07%	-39.18%
IWB	Russell 1000 Index	Large Blend	6	4.53%	5.35%	11.13%	4.59%	11.74%	0.00%
IVV	S&P 500	Large Blend	6	4.64%	5.57%	10.71%	4.84%	11.62%	0.00%
ITOT	iShares Core S&P Total U.S. Stock Market	All Cap Equities	6	4.38%	4.93%	11.11%	4.20%	11.43%	0.00%
ITB	iShares DJ US Home Construction	Building and Constructi	6	0.84%	0.50%	19.72%	1.35%	19.95%	-1.20%
VOO	Vanguard S&P 500	Large Cap Blend Equiti	6	4.63%	5.61%	10.73%	4.87%	11.63%	0.00%
IWO	Russell 2000 Growth	Small Growth	5	3.39%	1.39%	14.18%	-0.07%	7.62%	-25.13%
XRT	SPDR S&P Retail *	Consumer Discretionary	5	2.94%	0.42%	16.56%	-0.82%	11.92%	-31.13%
IYF	Dow Jones US Financial Sector	Specialty-Financial	5	2.77%	2.41%	11.65%	2.35%	12.50%	-39.05%
VFH	Vanguard Financials	Financials Equities	5	2.79%	2.42%	12.12%	2.24%	12.17%	-7.29%
XLI	Industrial Select Sector *	Industrial Equities	5	4.15%	3.18%	11.27%	2.44%	10.01%	0.00%
PIN	PowerShares India Portfolio	Emerging Markets Equit	5	2.44%	3.56%	11.67%	3.52%	11.62%	-49.80%
FXD	First Trust Cons. Discret. AlphaDEX	Consumer Discretionary	5	2.81%	0.54%	14.57%	0.66%	10.28%	-9.46%
KIE	SPDR S&P Insurance	Specialty-Financial	5	3.11%	4.91%	8.07%	4.84%	10.40%	-49.47%
VIS	Vanguard Industrials	industrials Equities	5	4.50%	2.95%	12.09%	2.32%	10.81%	0.00%
IXJ	S&P Global Healthcare	Health & Biotech Equiti	5	0.72%	4.88%	9.97%	3.90%	6.43%	-26.78%
FEX	First Trust Large Cap Core AlphaDEX	Large Cap Blend Equity	5	3.09%	2.47%	10.52%	2.57%	9.81%	-0.54%
DIA	SPDR Dow Jones Industrial Average	Large Cap Value	5	2.70%	3.76%	10.67%	2.78%	10.62%	0.00%
VOT	Vanguard Mid-Cap Growth	Mid-Cap Growth	5	3.57%	3.12%	12.54%	1.97%	10.36%	-15.76%
VBK	Vanguard SmallCap Growth	Small Cap Growth	5	3.73%	1.86%	14.65%	0.75%	8.91%	-20.34%
SCHM	Schwab U.S. Mid Cap	Mid Cap Blend Equities	4	1.86%	0.84%	11.22%	0.16%	7.50%	-9.53%
IWR	Russell MidCap Index Fs	Mid-Cap Blend	4	2.31%	1.10%	11.25%	0.90%	8.52%	-65.00%
PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	4	2.59%	2.80%	9.62%	2.27%	-45.28%	-79.48%
IHDG	WisdomTree International Hedged Dividend Growth	Foreign Large Cap Equi	4	2.84%	3.39%	8.30%	2.52%	7.31%	-7.30%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equi	4	2.46%	2.72%	5.94%	3.01%	5.93%	-10.65%
PKW	PowerShares Buyback Achievers	All Cap Equities	4	1.79%	1.79%	10.60%	1.34%	9.62%	-0.88%
HEZU	iShares Currency Hedged MSCI Eurozone	Europe Equities	4	3.68%	1.70%	7.40%	2.43%	6.73%	-12.40%
GSG	iShares GSCI Commodity Index	Commodities.	4	3.85%	4.73%	2.99%	4.84%	1.04%	-20.16%
EWJ	iShares Japan Index	Japan Stock	4	0.90%	4.19%	8.14%	3.51%	7.01%	-10.43%
VT	Vanguard Total World Stock Index	Global Equities	4	2.75%	2.78%	8.47%	2.18%	8.20%	-3.76%
VXF	Vanguard Extended Markets VIPERs	Mid Cap Blend	4	2.56%	0.98%	13.82%	0.11%	10.43%	-17.70%
USMV	iShares Edge MSCI Min Vol USA	All Cap Equities	4	2.33%	3.11%	7.41%	2.86%	7.18%	-0.96%

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FEZ	SPDR Euro Stoxx 50	Europe Stock	4	3.45%	1.40%	8.38%	1.46%	7.65%	-1.70%
VTV	Vanguard Value	Large Cap Value	4	2.07%	2.03%	8.63%	1.97%	6.99%	0.00%
FNDX	Schwab Fundamental U.S. Large Company Index	Large Cap Value Equiti	4	2.61%	3.20%	9.35%	2.18%	9.04%	0.00%
DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreign Large Cap Equi	4	2.55%	4.09%	7.28%	3.19%	6.71%	-4.46%
DGRO	iShares Core Dividend Growth	Large Cap Value Equiti	4	2.57%	2.39%	8.79%	2.53%	7.20%	-1.57%
VIG	Vanguard Div. Appreciation	Large Cap Value Equiti	4	2.98%	2.96%	8.13%	2.82%	8.08%	-0.05%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equi	4	2.74%	2.84%	8.89%	1.58%	6.29%	-13.66%
ACWI	iShares MSCI ACWI	Global Equities	4	3.17%	3.01%	8.22%	2.63%	8.53%	-2.59%
TBT	ProShares UltraShort Lehman 20 Yr Treas	Leveraged Bonds	4	5.32%	9.45%	-11.31%	10.86%	-1.61%	-24.85%
PGF	PowerShares Fin. Preferred Portf.	Specialty-Financial	3	1.42%	1.76%	5.99%	3.22%	5.38%	-22.94%
PGX	PowerShares Preferred Portfolio	Preferred Stock/Convert	3	1.55%	1.81%	6.31%	2.79%	5.38%	-23.79%
VDC	Vanguard Consumer Staples	Consumer Staples Equi	3	1.62%	3.11%	6.30%	2.33%	2.89%	-6.20%
PFF	iShares S&P Preferred Stock	Preferred Stock/Convert	3	0.95%	2.05%	5.61%	1.99%	4.42%	-21.03%
VO	Vanguard Mid-Cap	Mid-Cap Blend	3	1.72%	0.75%	9.83%	0.49%	7.59%	-10.50%
MDY	MidCap Trust Series I	Mid-Cap Blend	3	2.18%	0.36%	10.74%	0.34%	7.61%	-4.13%
INDY	iShares S&P India Nifty 50 Index Fund	Emerging Markets Equit	3	0.26%	1.62%	8.89%	0.47%	7.88%	-7.82%
IVE	S&P 500/BARRA Value	Large Value	3	1.29%	1.57%	8.29%	1.00%	8.54%	-0.16%
VCR	Vanguard Consumer Discretionary	Consumer Discretionary	3	1.92%	0.49%	9.46%	0.26%	8.96%	-14.14%
DBEU	Deutsche X-Trackers MSCI Europe Hedged	Europe Equities	3	2.22%	1.75%	6.75%	1.38%	5.16%	-0.44%
PJP	Dynamic Pharmaceuticals	Health & Biotech Equiti	3	-0.12%	2.61%	9.65%	0.33%	2.13%	-8.61%
EWW	iShares Mexico Index	Latin America Stock	3	2.27%	-0.43%	9.59%	-0.47%	8.68%	-2.02%
IWD	Russell 1000 Value	Large Value	3	1.65%	1.08%	8.47%	0.99%	6.28%	-2.13%
IJT	S&P SmallCap 600/BARRA Growth	Small Growth	3	1.80%	0.36%	11.35%	-1.26%	8.04%	-40.90%
IBB	Nasdaq Biotechnology	Health & Biotech Equiti	3	-1.92%	1.13%	14.71%	-1.18%	5.65%	-60.61%
HDV	iShares Core High Dividend	Large Cap Value Equiti	3	1.10%	0.57%	6.76%	1.72%	3.07%	-5.62%
IJH	S&P MidCap 400	Mid-Cap Blend	3	2.20%	0.46%	10.74%	0.36%	7.60%	-4.27%
FXH	1st Trust Health Care AlphaDEX	Health & Biotech Equiti	3	-0.42%	1.39%	9.98%	0.38%	2.23%	-18.87%
VB	Vanguard SmallCap	Small Cap Blend	3	2.00%	-0.16%	11.72%	-0.55%	7.84%	-11.37%
DBA	PowerShares DB Agriculture Fd	Agriculture Commoditie	3	6.47%	0.73%	-0.27%	6.36%	2.53%	-3.92%
SCHD	Schwab US Dividend Equity	All Cap Equities	3	1.33%	1.82%	8.90%	1.23%	5.79%	-5.94%
HEWG	iShares Currency Hedged MSCI Germany	Europe Equities	3	2.32%	1.21%	7.25%	1.18%	5.74%	-3.94%
VYM	Vanguard High Div. Yield Index	Large Cap Value	3	1.47%	1.03%	7.95%	1.22%	5.93%	-1.76%
RSP	Guggenheim S&P Equal Weight	Large Blend	3	1.50%	0.77%	9.63%	0.60%	7.20%	-3.33%
XLP	Consumer Staples Select *	Consumer Staples	3	1.68%	3.58%	6.05%	2.44%	2.44%	-8.42%
SCHV	Schwab U.S. Large-Cap Value	Large Cap Value Equiti	3	1.98%	1.95%	8.45%	1.41%	6.45%	-4.18%
ACWV	iShares Edge MSCI Min Vol Global	Global Equities	2	0.88%	1.14%	4.69%	1.39%	3.76%	-6.04%
XLY	Consumer Discretionary Sec.*	Consumer Discretionary	2	1.45%	-0.12%	7.59%	-0.10%	7.34%	-15.51%
XLE	Energy Select Sector *	Energy Equities	2	3.49%	-0.17%	2.00%	0.92%	-0.10%	-10.07%
KBWB	PowerShares KBW Bank Portfolio	Financials Equities	2	-1.46%	-3.57%	13.60%	-2.38%	11.62%	-36.61%
IYK	Dow Jones US Cons. Goods	Consumer Staples Equi	2	0.53%	1.81%	3.52%	1.44%	0.27%	-8.87%
IWS	Russell MidCap Value	Mid-Cap Value	2	1.09%	-0.44%	9.51%	-0.40%	6.56%	-6.28%
CWB	SPDR Barclays Convertible Securities	Convertible Bonds	2	0.71%	0.53%	7.14%	-0.42%	4.20%	-22.07%
IWM	Russell 2000	Small Blend	2	1.34%	-1.29%	11.52%	-2.27%	6.37%	-19.13%
NOBL	ProShares S&P 500 Dividend Aristocrats	Large Cap Value Equiti	2	0.45%	-0.17%	6.15%	-0.14%	3.19%	-3.68%

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DEM	WisdomTree Emerg. Mkts Hi-Yld E.	Emerging Mkts Equities	2	2.63%	1.63%	5.00%	-0.32%	4.55%	-19.35%
IHF	iShares DJ US Healthcare Provid's	Health & Biotech Equiti	2	-0.60%	0.96%	5.35%	1.15%	4.61%	-10.24%
TBF	ProShares Short 20+Year Treasury	Inverse Bonds	2	2.96%	4.15%	-6.00%	5.56%	-0.34%	-13.27%
FTGC	First Trust Global Tactical Commodity Strategy	Commodities	2	3.07%	2.02%	-0.34%	3.30%	-0.88%	-26.32%
FPE	First Trust Preferred Securities and Income	Preferred Stock	2	0.53%	1.25%	4.93%	0.95%	5.10%	-17.98%
SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	2	0.98%	-0.90%	11.45%	-2.12%	6.94%	-58.02%
VBR	Vanguard SmallCap Value	Small Cap Value	2	0.58%	-1.71%	9.60%	-1.53%	7.06%	-4.58%
RPV	Guggenheim S&P 500 Pure Value	Large Value	2	-0.55%	-2.33%	9.99%	-1.02%	6.10%	-9.16%
EZU	European Monetary Union Index	Europe Stock	2	1.76%	-0.52%	6.19%	-0.13%	5.41%	-8.05%
VLUE	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	2	0.70%	-0.40%	8.71%	-0.63%	6.91%	-12.53%
ITA	iShares DJ US Aerospace&Defense	Industrials Equities	2	2.45%	-0.32%	7.59%	-1.70%	7.67%	-48.10%
FXO	1st Trust Financials AlphaDEX	Financial Equities	2	-0.30%	-1.67%	10.80%	-0.69%	9.10%	-11.56%
FDL	1st Trust Morningstar Div. Lead's	Large Cap Value	2	0.36%	-0.69%	7.55%	0.42%	4.47%	-8.04%
IEO	iShares DJ Oil & Gas Expl.&Prod.	Energy Equities	1	2.81%	-0.85%	0.84%	-0.31%	0.90%	-12.31%
FXG	1st Trust Consumer Staples	Consumer Staples Equi	1	-0.90%	-0.14%	4.68%	-0.71%	1.22%	-7.77%
HYG	iShares Lehman Hi-Yield Corp.	High Yield Bond	1	-0.54%	0.13%	3.49%	-0.25%	2.97%	-13.23%
ACWX	iShares MSCI ACWI ex US	Global Equities	1	0.42%	-0.69%	4.08%	-1.10%	3.20%	-14.64%
EWC	iShares Canada Index	Foreign Large Cap Equi	1	-0.17%	-0.22%	6.19%	-1.31%	4.37%	-10.97%
HYS	PIMCO 0-5 Year High Yield Corp Bond	High Yield Bonds	1	-0.28%	-0.22%	2.62%	0.06%	2.31%	-8.62%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equi	1	0.16%	-0.33%	5.72%	-0.71%	4.00%	-10.68%
BBH	VanEck Vectors Biotech	Health & Biotech	1	-3.51%	-1.14%	8.94%	-1.77%	2.44%	-26.44%
IJR	S&P Sm.Cap 600	Small Blend	1	0.14%	-2.19%	10.10%	-3.25%	6.12%	-12.96%
IEV	S&P Europe 350 Index	Europe Stock	1	0.52%	-0.46%	6.06%	-0.95%	4.42%	-6.10%
EWI	iShares Italy Index	Europe Stock	1	0.21%	-0.85%	5.23%	-0.35%	6.02%	-1.91%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equi	1	0.37%	-0.04%	5.85%	-0.41%	4.29%	-8.63%
IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	1	-0.62%	-2.77%	8.69%	-2.89%	5.17%	-36.00%
EWQ	iShares France Index	Europe Stock	1	0.94%	-1.68%	4.94%	-1.33%	3.07%	-4.43%
EWG	iShares Germany Index	Europe Stock	1	0.24%	-1.08%	5.90%	-1.45%	4.46%	-19.79%
SPLV	PowerShares S&P 500 Low Volat.	Large Cap Blend	1	0.17%	0.86%	3.91%	0.51%	2.39%	-9.28%
PZA	Pshares Insured National Munis	National Munis	1	-0.83%	-0.42%	4.87%	-1.12%	2.92%	-13.12%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	1	0.13%	-1.32%	7.37%	-0.79%	5.17%	-6.07%
PHB	PowerShares High Yield Corp Bond	High Yield Bonds	1	-0.44%	-0.28%	3.08%	-0.28%	3.24%	-8.08%
SHYG	iShares 0-5 Year High Yield Corporate Bond	High Yield Bonds	1	-0.24%	0.52%	2.47%	0.24%	2.25%	-11.89%
VGK	Vanguard European	Europe Equities	1	0.30%	-0.87%	5.93%	-1.32%	4.05%	-9.87%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	1	0.03%	0.74%	5.21%	-0.26%	3.61%	-16.13%
VXUS	Vanguard Total International Stock	Global Equities	1	0.19%	-0.71%	4.29%	-1.12%	2.95%	-15.10%
VRP	PowerShares Variable Rate Preferred Portfolio	Preferred Stock	1	0.34%	0.86%	3.50%	1.17%	3.77%	-11.79%
VEU	Vanguard FTSE All-Word ex-US	Global Equities	1	0.38%	-0.70%	4.23%	-0.91%	3.05%	-14.78%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	1	0.15%	-0.25%	5.63%	-0.90%	3.78%	-11.15%
VDE	Vanguard Energy VIPERS	Energy Equities	1	3.21%	-0.62%	1.12%	0.34%	-0.56%	-10.77%
JNK	Barclays Cap. High Yield Bond	High Yield Bond	1	-0.46%	-0.31%	3.51%	-0.20%	2.89%	-70.89%
SCHF	Schwab International Equity	Foreign Large Cap Equi	1	0.36%	1.16%	4.98%	-0.68%	3.84%	-10.11%
IXUS	iShares Core MSCI Total International Stock	Global Equities	1	0.34%	-0.77%	4.23%	-1.05%	3.19%	-14.93%
IYE	Dow Jones US Energy	Specialty-Natural Res.	1	3.06%	-0.63%	1.31%	0.16%	-0.79%	-12.50%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
XMLV	PowerShares S&P MidCap Low Volatility Portfolio	Mid Cap Blend Equities	1	0.62%	-0.54%	5.41%	-0.06%	3.63%	-9.21%
VCSH	Vanguard Short-Term Corporate Bond	Corporate Bonds	0	-0.40%	-0.05%	1.83%	-0.28%	1.67%	-7.33%
EWA	iShares Australia Index	Asia Pacific Equities	0	-0.59%	-1.96%	7.01%	-3.37%	4.48%	-14.10%
GLD	SPDR Gold Shares	Precious Metals	0	0.24%	-0.21%	2.53%	-1.49%	3.24%	-2.87%
FTSM	First Trust Enhanced Short Maturity	Total Bond Market	0	-0.08%	-0.05%	0.18%	0.12%	0.20%	-0.81%
FLOT	iShares Floating Rate Bond	Corporate Bonds	0	0.02%	0.53%	0.06%	0.34%	0.16%	-0.59%
DON	Wisdom Tree MidCap Div.	Mid-Cap Value	0	-0.97%	-2.53%	7.63%	-2.17%	5.51%	-55.95%
IAU	iShares Gold Trust	Precious Metals	0	0.21%	-0.26%	2.53%	-1.49%	3.26%	-2.46%
BSV	Vanguard Short Term Bond	Total Bond Market	0	-0.47%	-0.26%	1.31%	-0.42%	1.17%	-7.92%
XME	SPDR S&P Metals & Mining	Commodity Producers	0	-1.26%	-1.39%	8.89%	-6.02%	7.60%	-14.61%
SHY	iShares Lehman 1-3 Year Treasury	Government Bonds	0	-0.40%	0.05%	0.61%	-0.24%	0.62%	-5.71%
BAB	PowerShares Build America Bond Portfolio	National Munis	0	-0.56%	-1.45%	4.20%	-1.26%	1.88%	-23.30%
IWN	Russell 2000 Value	Small Value	0	-0.60%	-3.78%	9.00%	-4.36%	5.10%	-16.01%
SDY	SPDR Dividend ETF	Large Value	0	-0.68%	-1.82%	4.74%	-1.34%	2.23%	-6.83%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equi	0	-0.68%	-0.98%	4.75%	-1.73%	3.36%	-7.56%
BOND	PIMCO Total Return Active Exchange-Traded	Total Bond Market	0	-0.89%	-0.98%	3.21%	-1.19%	1.31%	-19.29%
FLT	Fidelity Limited Term Bond	Corporate Bonds	0	-0.32%	0.02%	1.76%	-0.20%	1.58%	-7.17%
SJNK	SPDR Barclays Short Term High Yield Bond	High Yield Bonds	0	-0.40%	-0.24%	2.45%	-0.04%	1.96%	-10.70%
IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	0	-0.68%	-3.87%	7.63%	-2.90%	4.64%	-52.15%
MUB	iShares S&P National Muni Bond	National Munis	0	-0.88%	-0.39%	2.75%	-0.73%	1.81%	-8.75%
PCY	PowerShares Emerging Markets Sovereign Debt Po	Emerging Markets Bond	0	-0.94%	-2.57%	6.52%	-2.57%	4.50%	-35.09%
RSX	Market Vectors Russia	Emerging Markets Equit	0	0.00%	0.00%	0.00%	0.00%	0.00%	-83.14%
DFE	Wisdom Tree Europe SmCap Div.	Europe Stock	0	-1.03%	-0.97%	6.77%	-3.74%	2.98%	-27.44%
SDOG	ALPS Sector Dividend Dogs	Large Cap Value Equiti	0	-1.41%	-2.83%	7.02%	-1.60%	2.54%	-12.20%
GVI	iShares Lehman Intern. Govt/Credit	Total Bond Market	0	-0.75%	-0.39%	1.58%	-0.81%	1.09%	-12.20%
GOVT	iShares Core U.S. Treasury Bond	Government Bonds	0	-1.05%	-1.18%	2.11%	-1.48%	0.54%	-19.79%
TIP	iShares TIPS Bond Fd	Inflation-Protected Bond	0	-0.79%	-1.23%	2.04%	-0.94%	0.41%	-18.63%
TOTL	SPDR DoubleLine Total Return Tactical	Total Bond Market	0	-0.85%	-1.17%	3.08%	-1.12%	0.57%	-20.95%
VCIT	Vanguard Intermediate-Term Corporate Bond	Corporate Bonds	0	-1.05%	-1.14%	3.57%	-1.46%	2.35%	-17.58%
EWY	iShares S. Korea Index	Pacific Asia/excl. Japan	0	2.84%	-2.12%	0.80%	-3.43%	1.57%	-34.23%
VGIT	Vanguard Intermediate-Term Gov Bonds	Government Bonds	0	-1.06%	-1.08%	1.68%	-1.16%	0.64%	-17.25%
EWD	iShares Sweden Index	Europe Stock	0	-0.56%	-4.33%	8.06%	-4.92%	6.87%	-24.01%
EMB	iShares Emerging Markets Bond	Emerging Market Bond	0	-1.01%	-1.59%	4.19%	-1.80%	2.51%	-25.86%
VTIP	Vanguard Short-Term Inflation-Protected Securities	Inflation-Protected Bond	0	-0.11%	-1.27%	0.21%	0.02%	0.24%	-10.04%
VWO	Vanguard Emerging Markets Gov Bonds	Emerging Markets Bond	0	-0.89%	-1.82%	4.23%	-1.88%	2.23%	-24.88%
BND	Vanguard Total Bond Market	Intermediate-Term Bon	0	-1.21%	-1.48%	2.67%	-1.54%	1.10%	-19.07%
BKLN	PowerShares Exchange-Traded Fund Trust	High Yield Bonds	0	-0.47%	-0.19%	0.24%	-0.42%	0.42%	-9.95%
BIV	Vanguard Intermed. Term Bond	Intermediate-Term Bon	0	-1.16%	-1.30%	2.73%	-1.47%	1.27%	-20.25%
AGG	iShares Lehman Aggregate Bond	Intermediate-Term Bon	0	-1.27%	-1.27%	2.74%	-1.60%	1.08%	-18.36%
VGSH	Vanguard Short-Term Government	Government Bonds	0	-0.43%	-0.29%	0.59%	-0.29%	0.51%	-6.71%
IXC	S&P Global Energy	Energy Equities	0	1.62%	-1.89%	0.10%	-0.56%	-0.30%	-8.71%
IEI	iShares Lehman 3-7 Yr. Treasury	Government Bonds	0	-0.93%	-0.59%	1.58%	-0.96%	0.88%	-13.49%
LQD	iShares iBoxx \$ Liquid Invest. Gr.	Corporate Bonds	0	-1.72%	-2.01%	4.04%	-2.13%	2.20%	-22.17%
SCHZ	Schwab US Aggregate Bond	Total Bond Market	0	-1.16%	-1.50%	2.66%	-1.54%	1.01%	-19.36%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
SCHR	Schwab Intermediate-Term U.S. Treasury	Government Bonds	0	-1.07%	-1.11%	1.63%	-1.17%	0.53%	-16.66%
IYZ	Down Jones US Telecom	Commun. Equities	0	-2.20%	-1.51%	5.11%	-2.33%	1.54%	-39.16%
SCHP	Schwab U.S. TIPs	Inflation-Protected Bond	0	-0.83%	-1.47%	1.73%	-0.98%	0.16%	-19.10%
SCHO	Schwab Short-Term U.S. Treasury	Government Bonds	0	-0.47%	-0.31%	0.52%	-0.31%	0.39%	-6.63%
RWR	Wilshire REIT Fund	Real Estate	-1	-2.34%	-5.32%	8.05%	-3.35%	3.74%	-24.58%
UUP	PowerShares DB US Dollar Bullish	Currency	-1	2.15%	-3.08%	-4.92%	3.40%	-2.32%	-8.67%
VAW	Vanguard Materials VIPERS	Materials	-1	-0.55%	-2.62%	4.42%	-3.45%	2.82%	-8.08%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	-1	-0.91%	-2.92%	2.49%	-4.26%	0.23%	-22.99%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	-1	-1.26%	-1.06%	3.40%	-3.24%	1.03%	-23.41%
IJS	S&P SmallCap 600/BARRA Value	Small Value	-1	-1.41%	-4.78%	8.56%	-5.38%	4.05%	-43.71%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equit	-1	0.75%	-1.92%	0.79%	-1.88%	1.28%	-28.55%
VCLT	Vanguard Long-Term Corporate Bond	Corporate Bonds	-1	-2.61%	-3.93%	5.93%	-3.29%	2.42%	-31.38%
EWT	iShares Taiwan Index	Pacific Asia/excl. Japan	-1	5.75%	-7.24%	-1.92%	1.09%	0.80%	-31.34%
DES	Wisdom Tree SmallCap Div.	Small Cap Value	-1	-0.77%	-4.08%	6.57%	-4.26%	5.41%	-63.95%
SCHH	Schwab U.S. REIT	Real Estate	-1	-2.85%	-4.67%	6.29%	-4.49%	3.42%	-62.46%
VVO	Vanguard Emerging Markets	Emerging Markets Equit	-1	0.62%	-2.03%	0.60%	-1.53%	0.47%	-28.36%
TLH	iShares Lehman 10-20 Yr Treasury	Government Bonds	-1	-2.06%	-3.04%	4.76%	-3.57%	-0.24%	-39.42%
VSS	Vanguard FTSE All-Wld ex-US SmCP Idx	Foreign Small & Mid Ca	-1	-1.26%	-2.98%	3.24%	-3.08%	1.40%	-21.50%
EWL	iShares Switzerland Index	Europe Stock	-1	-2.52%	-1.46%	5.40%	-3.69%	1.29%	-12.32%
EWK	iShares Belgium Index	Europe Stock	-1	-0.97%	-3.36%	2.28%	-2.34%	1.91%	-20.72%
IGE	iShares North American Natural Resources	Commodity Producers	-1	0.58%	-2.44%	1.14%	-1.94%	-0.61%	-12.11%
EWU	iShares United Kingdom Index	Europe Stock	-1	-1.01%	-3.58%	2.21%	-2.21%	0.23%	-14.68%
SPHD	PowerShares S&P 500 HiDivLowVol	Large Cap Value	-1	-2.70%	-2.93%	4.73%	-2.33%	1.51%	-15.88%
DVY	iShares Select Dividend Index	Large Cap Value	-1	-2.09%	-4.22%	4.07%	-2.72%	1.32%	-13.71%
IYM	Dow Jones US Basic Mat's	Materials	-1	-1.10%	-3.22%	3.11%	-4.13%	1.64%	-14.00%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	-1	-1.56%	-2.28%	4.90%	-3.13%	2.07%	-24.18%
XLB	Materials Select Sector *	Materials	-1	-0.49%	-2.85%	3.54%	-3.02%	2.35%	-8.44%
BLV	Vanguard Long Term Bond	Long-Term Bond	-1	-2.42%	-4.11%	5.42%	-3.77%	0.81%	-38.93%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equit	-1	-1.57%	-1.72%	-1.28%	0.00%	0.06%	-27.67%
DHS	Wisdom Tree High-Yield Equity	Large Cap Value	-1	-1.44%	-3.01%	4.22%	-2.04%	1.14%	-11.72%
IEF	iShares Lehman 7-10 Yr Treasury	Government Bonds	-1	-1.37%	-1.47%	2.37%	-1.79%	0.18%	-23.08%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equi	-1	-1.93%	-2.56%	3.18%	-2.28%	2.40%	-14.54%
FXB	CurrencyShares British Pound	Currency	-1	-1.21%	-1.35%	1.54%	-1.30%	0.26%	-16.68%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	-1	0.78%	-2.25%	-0.90%	-2.66%	-0.93%	-36.52%
IDV	iShares International Select Dividend	Foreign Large Cap Equi	-1	-1.91%	-2.06%	4.10%	-2.97%	2.10%	-24.30%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equit	-1	0.37%	-0.08%	-0.98%	-1.98%	-0.38%	-29.83%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	-1	0.90%	-2.01%	0.25%	-1.99%	0.65%	-32.00%
VNQ	Vanguard REIT Index	Real Estate	-2	-2.66%	-5.91%	6.40%	-4.65%	3.10%	-27.38%
RWO	SPDR DJ Wilshire Global Real Estate	Global Real Estate	-2	-2.90%	-5.55%	6.56%	-4.14%	2.94%	-25.91%
ILF	iShares S&P 40 Latin America	Latin America Stock	-2	-1.41%	-4.24%	1.82%	-3.72%	4.04%	-29.16%
EFZ	ProSharesShort MSCI EAFE	Inverse Equities	-2	0.12%	-1.81%	-6.77%	1.17%	-4.95%	-51.39%
DJP	Bloomberg Commodity Index	Commodities	-2	-0.63%	-1.28%	-4.00%	-1.25%	-4.26%	-27.16%
DWX	SPDR S&P International Dividend	Foreign Large Cap Equi	-2	-3.60%	-3.82%	1.63%	-3.57%	-0.31%	-20.11%
RWM	ProShares Short Russell2000	Inverse Equities	-2	-0.87%	0.14%	-11.03%	2.94%	-6.96%	-65.62%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
ICF	Cohen & Steers Realty	Real Estate	-2	-2.73%	-5.30%	6.13%	-4.19%	3.55%	-55.33%
IYR	Dow Jones US Real Estate	Real Estate	-2	-2.78%	-5.59%	6.40%	-4.72%	3.25%	-25.00%
FXN	1st Trust Energy AlphaDEX	Energy Equities	-2	0.31%	-2.57%	-2.46%	-2.52%	-1.92%	-16.13%
KBE	SPDR S&P Bank	Specialty-Financial	-2	-4.49%	-8.25%	9.60%	-6.24%	9.50%	-28.57%
DBC	PowerShares DB Commodity Index	Commodities	-2	1.00%	-4.35%	-5.97%	0.73%	-6.05%	-27.28%
BNDX	Vanguard Total International Bond	Total Bond Market	-2	-1.02%	-3.38%	-0.43%	-1.54%	-0.05%	-17.93%
TLT	iShares 20+ Treas. Bd	Government Bonds	-2	-2.76%	-5.05%	4.93%	-4.89%	-1.43%	-45.19%
FBT	1st Trust Biotechnology Index	Health & Biotech Equiti	-2	-4.64%	-4.64%	7.05%	-6.20%	-1.47%	-19.79%
BWX	SPDR Lehman Intl Treasury Bond	World Gov Bond	-2	-2.90%	-3.41%	1.05%	-4.62%	-0.42%	-29.70%
EWM	iShares Malaysia Index	Emerging Markets Equit	-2	-1.64%	-1.96%	-2.01%	-1.18%	0.10%	-42.42%
FXE	CurrencyShares Euro Currency Trust	Currency	-2	-1.77%	-2.00%	-0.69%	-2.50%	-0.53%	-17.42%
URE	ProShares Ultra Real Estate	Leveraged Real Estate	-3	-5.59%	-10.32%	12.01%	-9.68%	5.10%	-50.56%
EWS	iShares Singapore Index	Pacific Asia/excl. Japan	-3	-2.21%	-3.96%	-1.99%	-5.24%	-4.00%	-37.14%
IFGL	iShares FTSE EPRA/NAREIT Global Real Estate	Global Real Estate	-3	-4.05%	-5.12%	3.50%	-6.30%	1.43%	-35.70%
EDV	Vanguard Extended Duration Treasury	Government Bonds	-3	-3.29%	-7.96%	6.99%	-6.86%	-2.65%	-57.69%
FXY	CurrencyShares Japanese Yen Trust	Currency	-3	-2.67%	-5.28%	0.71%	-5.76%	-3.27%	-35.86%
PEY	PowerShares Hi Yields Div. Achiev's	Mid-Cap Value	-4	-4.24%	-6.49%	2.53%	-6.01%	0.91%	-11.61%
ASHR	Deutsche X-Trackers China A-Shares	China Equities	-4	1.23%	-4.57%	-8.04%	-3.89%	-10.38%	-50.47%
ZROZ	PIMCO 25 Yr Zero Coupon US Treas Idx Exchg-Tra	Government Bonds	-4	-4.20%	-9.53%	6.45%	-8.54%	-3.75%	-58.92%
RWX	SPDR DJ Wil Intern. RE	Real Estate	-4	-4.51%	-6.20%	2.96%	-6.85%	0.51%	-41.03%
REZ	iShares Residential Real Estate Capped	Specialty-Real Estate	-4	-4.65%	-7.58%	3.48%	-6.46%	-1.83%	-30.66%
SLV	iShares Silver Trust	Precious Metals	-4	-0.82%	-6.77%	-5.10%	-5.19%	-3.79%	-23.52%
VNQI	Vanguard Global ex-U.S. Real Estate	Global Real Estate	-4	-2.69%	-7.05%	0.20%	-5.02%	-0.01%	-37.90%
DOG	ProShares Short Dow 30	Bear Market	-4	-2.08%	-3.92%	-9.44%	-1.82%	-9.11%	-67.40%
IDU	Dow Jones US Utilities	Utilities Equities	-4	-3.42%	-6.10%	-1.50%	-4.13%	-3.26%	-56.72%
EWP	iShares Spain Index	Europe Stock	-4	-4.06%	-7.04%	-1.02%	-5.13%	1.39%	-19.84%
FXU	1st Trust Utilities AlphaDEX	Utilities Equities	-5	-4.91%	-7.96%	-1.46%	-6.53%	-3.90%	-17.98%
GNR	SPDR S&P Global Natural Resources	Commodity Producers	-5	-3.12%	-7.08%	-3.42%	-6.83%	-3.99%	-19.15%
EWZ	iShares Brazil Index	Latin America Stock	-5	-4.24%	-6.70%	-2.85%	-6.44%	1.83%	-32.43%
THD	iShares Thailand Capped Invest Mrkt Idx	Emerging Markets Equit	-5	-3.73%	-3.94%	-5.06%	-6.58%	-8.10%	-41.35%
PPLT	ETFS Physical Platinum Shares	Precious Metals	-5	-3.23%	-7.44%	-0.99%	-10.22%	-5.41%	-31.47%
XLU	Utilities Select Sector *	Utilities Equities	-5	-4.64%	-7.77%	-3.35%	-5.20%	-5.36%	-23.14%
GUNR	FlexShares Global Upstream Natural Resources	Commodity Producers	-5	-3.42%	-6.78%	-4.13%	-6.96%	-5.29%	-22.13%
VPU	Vanguard Utilities VIPERS	Utilities Equities	-5	-4.40%	-7.66%	-2.97%	-5.22%	-5.45%	-23.31%
HDGE	Ranger Equity Bear	Inverse Equities	-5	-1.14%	-6.58%	-17.17%	3.71%	-12.38%	-82.31%
SH	Short S&P 500 ProShares ETF	Inverse Equities	-6	-3.85%	-6.16%	-9.88%	-3.85%	-10.38%	-70.01%
EZA	iShares South Africa Index	Emerging Markets Equit	-6	-2.21%	-8.56%	-4.47%	-7.99%	-3.14%	-49.39%
MOO	VanEck Vectors Agribusiness	Commodity Producers	-6	-3.88%	-7.55%	-4.98%	-6.59%	-9.53%	-34.31%
KRE	SPDR S&P Region.Banking	Specialty-Financial	-6	-7.87%	-12.60%	5.64%	-10.28%	5.01%	-40.29%
EWH	iShares Hong Kong Index	China Equities	-7	-2.86%	-6.78%	-9.06%	-8.12%	-11.02%	-43.20%
JXI	iShares S&P Global Utilities	Utilities Equities	-7	-6.12%	-9.89%	-4.41%	-6.60%	-5.70%	-19.11%
SIL	Global X Silver Miners	Commodity Producers	-7	-5.37%	-10.57%	-1.62%	-12.34%	-5.08%	-53.59%
PSQ	ProShares Short QQQ	Inverse Equities	-7	-4.85%	-7.86%	-11.38%	-4.75%	-13.81%	-83.76%
FXI	iShares China 25 Index	China Equities	-9	-3.20%	-8.60%	-15.33%	-8.03%	-15.42%	-59.43%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
MCHI	iShares MSCI China	China Equities	-9	-4.14%	-9.77%	-13.74%	-8.47%	-13.87%	-61.63%
GDX	Mkt Vector Gold Miners	Specialty-Precious Meta	-9	-5.50%	-12.81%	-4.58%	-11.96%	-8.11%	-38.69%
GDXJ	VanEck Vectors Junior Gold Miners	Commodity Producers	-9	-5.72%	-12.88%	-4.55%	-12.61%	-7.34%	-48.27%
RING	iShares MCSI Global Gold Miners Fund	Commodity Producers	-9	-5.75%	-12.83%	-3.59%	-12.65%	-7.14%	-41.82%
ECH	iShares Chile Index	Latin America	-9	-5.76%	-13.58%	-4.49%	-12.48%	-10.79%	-56.04%
AGQ	ProShares Ultra Silver	Leveraged Commoditie	-10	-2.35%	-14.46%	-12.91%	-11.37%	-12.56%	-65.45%