HV ETF Master List as of 03/24/2022

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD %	6M/A	DD%
XME	SPDR S&P Metals & Mining	Commodity Producers	42	29.20%	54.34%	42.33%	41.38%	39.78%	0.00%
UNG	U.S. Natural Gas Fund	Oil & Gas	38	16.45%	24.80%	59.14%	51.88%	23.30%	-78.52%
GSG	iShares GSCI Commodity Index	Commodities.	32	17.54%	27.85%	40.31%	41.38%	37.23%	-6.42%
VDE	Vanguard Energy VIPERS	Energy Equities	28	15.80%	18.39%	39.20%	38.78%	33.77%	-1.11%
FXN	1st Trust Energy AlphaDEX	Energy Equities	27	18.34%	20.85%	34.45%	34.23%	31.43%	-11.99%
XLE	Energy Select Sector *	Energy Equities	27	14.83%	16.92%	39.20%	38.85%	34.00%	-2.34%
DJP	Bloomberg Commodity Index	Commodities	27	13.69%	24.44%	34.66%	34.84%	30.36%	-3.42%
IEO	iShares DJ Oil & Gas Expl.&Prod.	Energy Equities	27	15.48%	18.92%	37.48%	37.41%	35.39%	-0.18%
IYE	Dow Jones US Energy	Specialty-Natural Res.	27	15.52%	18.18%	36.89%	36.71%	32.74%	-5.25%
EWZ	iShares Brazil Index	Latin America Stock	24	13.62%	19.01%	32.80%	32.28%	12.20%	-23.30%
IXC	S&P Global Energy	Energy Equities	23	12.53%	13.30%	32.50%	32.21%	27.69%	-7.67%
DBC	PowerShares DB Commodity Index	Commodities	23	13.13%	20.79%	29.12%	29.74%	28.53%	-3.95%
IGE	iShares North American Natural Resources	Commodity Producers	23	14.13%	17.91%	29.61%	29.03%	27.36%	-0.10%
ILF	iShares S&P 40 Latin America	Latin America Stock	22	14.53%	18.43%	27.09%	27.37%	11.03%	-24.35%
GDX	Mkt Vector Gold Miners	Specialty-Precious Met	21	13.18%	29.92%	21.33%	20.39%	18.19%	-13.41%
FTGC	First Trust Global Tactical Commodity Strategy	Commodities	21	11.08%	19.73%	27.36%	27.36%	19.39%	-6.64%
ECH	iShares Chile Index	Latin America	21	17.33%	12.89%	27.01%	26.68%	11.67%	-47.93%
AGQ	ProShares Ultra Silver	Leveraged Commoditie	20	12.49%	26.31%	21.20%	19.00%	10.69%	-40.69%
TBT	ProShares UltraShort Lehman 20 Yr Treas	Leveraged Bonds	19	8.15%	17.29%	24.41%	24.93%	18.07%	-50.54%
GDXJ	VanEck Vectors Junior Gold Miners	Commodity Producers	18	13.30%	28.27%	15.64%	14.60%	12.15%	-24.98%
RING	iShares MCSI Global Gold Miners Fund	Commodity Producers	17	10.86%	24.01%	16.06%	15.46%	15.15%	-15.61%
GUNR	FlexShares Global Upstream Natural Resources	Commodity Producers	16	10.28%	14.34%	19.90%	19.30%	19.42%	0.00%
EZA	iShares South Africa Index	Emerging Markets Equi	16	8.84%	16.58%	18.91%	20.45%	15.60%	-26.44%
GNR	SPDR S&P Global Natural Resources	Commodity Producers	15	10.76%	13.22%	17.95%	17.27%	16.44%	0.00%
MOO	VanEck Vectors Agribusiness	Commodity Producers	13	13.43%	16.00%	10.69%	10.48%	12.25%	0.00%
IYM	Dow Jones US Basic Mat's	Materials	11	13.62%	16.69%	7.62%	7.13%	12.27%	0.00%
EWA	iShares Australia Index	Asia Pacific Equities	10	10.80%	17.31%	5.44%	6.16%	4.51%	-3.73%
SLV	iShares Silver Trust	Precious Metals	10	5.83%	12.32%	10.64%	9.76%	6.66%	-12.56%
ITA	iShares DJ US Aerospace&Defense	Industrials Equities	10	7.72%	13.90%	9.58%	9.52%	6.72%	-53.06%
TBF	ProShares Short 20+Year Treasury	Inverse Bonds	9	4.30%	8.39%	11.84%	12.26%	9.03%	-26.58%
EWW	iShares Mexico Index	Latin America Stock	9	10.74%	13.46%	5.78%	5.95%	9.29%	-6.96%
DBA	PowerShares DB Agriculture Fd	Agriculture Commoditie	9	3.71%	10.73%	11.40%	11.80%	12.70%	-3.83%
IAU	iShares Gold Trust	Precious Metals	7	3.35%	9.23%	7.87%	7.12%	7.96%	-5.40%
GLD	SPDR Gold Shares	Precious Metals	7	3.38%	9.27%	7.85%	7.12%	7.93%	-5.55%
TUR	iShares Turkey Investment Index	Emerging Markets Equi	7	11.33%	1.73%	5.58%	7.91%	-3.68%	-57.45%
EWC	iShares Canada Index	Foreign Large Cap Equ	7	8.33%	8.50%	5.07%	4.58%	5.81%	-0.47%
SIL	Global X Silver Miners	Commodity Producers	7	7.96%	15.16%	2.11%	1.69%	-1.70%	-30.40%
RPV	Guggenheim S&P 500 Pure Value	Large Value	6	6.15%	6.12%	6.19%	6.15%	7.95%	-0.71%
DHS	Wisdom Tree High-Yield Equity	Large Cap Value	6	6.41%	4.75%	6.51%	6.38%	8.29%	0.00%
DXJ	Wisdom Tree Japan Hedged Equity	Japan Stock	6	6.83%	6.43%	4.48%	4.35%	4.78%	0.00%
FDL	1st Trust Morningstar Div. Lead's	Large Cap Value	6	6.67%	4.84%	5.38%	5.29%	8.32%	0.00%

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EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	6	6.44%	9.43%	3.02%	3.50%	0.19%	-8.41%
HDV	iShares Core High Dividend	Large Cap Value Equiti	5	5.81%	4.27%	5.26%	5.11%	6.99%	-0.48%
KIE	SPDR S&P Insurance	Specialty-Financial	5	6.87%	7.70%	3.32%	3.22%	5.35%	-55.59%
IDU	Dow Jones US Utilities	Utilities Equities	4	9.34%	6.56%	-0.31%	-0.75%	5.16%	-50.43%
SPHD	PowerShares S&P 500 HiDivLowVol	Large Cap Value	4	5.79%	3.76%	2.72%	2.50%	4.97%	-0.17%
DVY	iShares Select Dividend Index	Large Cap Value	4	5.93%	4.27%	3.82%	3.69%	5.94%	-0.47%
XLU	Utilities Select Sector *	Utilities Equities	4	9.44%	6.84%	0.57%	0.22%	6.10%	-0.10%
EWM	iShares Malaysia Index	Emerging Markets Equi	4	2.11%	6.60%	3.09%	2.64%	1.70%	-29.56%
VAW	Vanguard Materials VIPERS	Materials	4	9.22%	8.84%	-0.36%	-0.86%	5.34%	-1.05%
VPU	Vanguard Utilities VIPERS	Utilities Equities	4	8.94%	6.36%	0.10%	-0.29%	5.62%	-0.29%
FXU	1st Trust Utilities AlphaDEX	Utilities Equities	4	8.35%	4.76%	0.61%	0.40%	4.97%	0.00%
DBJP	Deutsche X-Trackers MSCI Japan Hedged	Japan Equities	3	6.76%	6.24%	-0.48%	-0.73%	1.71%	-4.42%
PPLT	ETFS Physical Platinum Shares	Precious Metals	3	-2.97%	0.46%	6.55%	6.18%	0.42%	-20.07%
VTV	Vanguard Value	Large Cap Value	3	5.30%	3.77%	0.58%	0.54%	3.92%	-1.61%
HEWJ	iShares Currency Hedged MSCI Japan	Japan Equities	3	6.78%	6.23%	-0.45%	-0.61%	0.90%	-5.61%
SDOG	ALPS Sector Dividend Dogs	Large Cap Value Equiti	3	3.78%	2.50%	2.60%	2.50%	3.42%	-2.36%
PEY	PowerShares Hi Yields Div. Achiev's	Mid-Cap Value	3	4.66%	2.42%	2.52%	2.33%	4.14%	-2.31%
IHF	iShares DJ US Healthcare Provid's	Health & Biotech Equiti	3	7.64%	9.26%	-2.40%	-1.93%	5.12%	-2.40%
DON	Wisdom Tree MidCap Div.	Mid-Cap Value	3	4.87%	5.27%	0.00%	-0.05%	2.98%	-56.30%
FXG	1st Trust Consumer Staples	Consumer Staples Equi	3	3.81%	2.98%	2.73%	2.08%	6.89%	-1.10%
XPH	SPDR Pharmaceuticals	Health & Biotech Equiti	3	6.78%	9.48%	-1.88%	-1.43%	-3.77%	-18.78%
XLB	Materials Select Sector *	Materials	3	8.52%	6.72%	-2.12%	-2.55%	4.13%	-2.55%
UUP	PowerShares DB US Dollar Bullish	Currency	2	1.66%	1.30%	2.56%	3.00%	3.96%	-6.02%
VYM	Vanguard High Div. Yield Index	Large Cap Value	2	4.89%	2.69%	0.46%	0.33%	3.70%	-2.20%
IYT	Dow Jones Transportation	Transportation Equities	2	5.41%	7.22%	-2.73%	-3.05%	2.72%	-4.26%
EFZ	ProSharesShort MSCI EAFE	Inverse Equities	2	-2.04%	-0.11%	5.40%	5.40%	2.90%	-47.49%
PJP	Dynamic Pharmaceuticals	Health & Biotech Equiti	2	7.28%	6.24%	-2.09%	-1.74%	0.71%	-4.15%
PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	2	4.93%	4.00%	-0.36%	-0.42%	3.21%	-2.56%
IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	2	4.55%	6.16%	-1.00%	-1.11%	1.39%	-4.65%
VBR	Vanguard SmallCap Value	Small Cap Value	2	4.46%	6.41%	-1.37%	-1.46%	1.13%	-5.10%
FNDX	Schwab Fundamental U.S. Large Company Index	Large Cap Value Equiti	2	5.04%	4.09%	-0.09%	-0.09%	3.66%	-2.24%
IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	2	4.37%	5.98%	-1.29%	-1.35%	1.88%	-36.90%
IHE	iShares DJ US Pharmaceuticals	Health & Biotech Equiti	2	7.58%	4.28%	-2.72%	-2.56%	2.13%	-2.89%
FV	First Trust VL Dividend	Large Cap Value Equiti	2	4.73%	6.06%	-1.73%	-1.79%	0.92%	-6.27%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	2	4.68%	4.36%	-0.97%	-1.11%	2.45%	-2.58%
FXO	1st Trust Financials AlphaDEX	Financial Equities	2	3.38%	3.15%	-0.19%	-0.13%	1.33%	-4.92%
IWS	Russell MidCap Value	Mid-Cap Value	1	4.84%	5.20%	-2.49%	-2.64%	1.37%	-3.59%
PSQ	ProShares Short QQQ	Inverse Equities	1	-6.27%	-7.01%	8.36%	7.76%	-0.67%	-79.02%
JXI	iShares S&P Global Utilities	Utilities Equities	1	5.61%	3.03%	-1.86%	-2.16%	2.13%	-2.16%
IYH	Dow Jones US Healthcare	Specialty-Health	1	6.31%	6.42%	-5.57%	-5.09%	0.56%	-5.57%
IYF	Dow Jones US Financial Sector	Specialty-Financial	1	3.21%	1.98%	-1.08%	-0.97%	0.64%	-40.14%
EWU	iShares United Kingdom Index	Europe Stock	1	2.28%	-0.30%	1.66%	1.66%	1.70%	-11.06%
IWN	Russell 2000 Value	Small Value	1	4.52%	6.80%	-2.63%	-2.72%	-0.56%	-8.67%
FEX	First Trust Large Cap Core AlphaDEX	Large Cap Blend Equity	1	5.07%	5.18%	-4.05%	-4.06%	0.29%	-4.78%

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	6% -1.18%
	<mark>5%</mark> -10.56%
IYK Dow Jones US Cons. Goods Consumer Staples Equi 0 1.30% -0.76% -0.55% -1.08% Consumer Staples Equi 0 1.30% -0.76% -0.55%	<mark>6%</mark> -3.26%
SPY SPDR S&P 500 Large Cap Blend 0 5.18% 4.46% -5.39% -5.15% 0	0% -5.70%
SPLV PowerShares S&P 500 Low Volat. Large Cap Blend 0 5.37% 2.90% -4.18% -4.46% 2	<mark>6% -4.46</mark> %
DOG ProShares Short Dow 30 Bear Market 0 -4.92% -2.77% 3.42% 3.22% -4.92%	2% -63.45%
REZ iShares Residential Real Estate Capped Specialty-Real Estate 0 5.05% 4.26% -4.72% -5.12% 2	<mark>6% -5.12%</mark>
RWM ProShares Short Russell2000 Inverse Equities 0 -4.62% -8.50% 5.90% 5.80% 2	7% -65.01%
DEM WisdomTree Emerg. Mkts Hi-Yld E. Emerging Mkts Equities 0 -1.92% -1.28% 1.41% 1.39% -	5% -12.65%
EFV MSCI EAFE iShares Value Index Foreign Large Cap Equ 0 1.17% -1.68% -0.30% -0.36% -2	5% -15.71%
ACWV iShares Edge MSCI Min Vol Global Global Equities 0 4.20% 3.15% -3.96% -4.03% -4.03%	2% -4.03%
HEFA iShares Currency Hedged MSCI EAFE Foreign Large Cap Equ -1 3.21% 0.44% -3.67% -3.40% -	8% -6.06%
DGRO iShares Core Dividend Growth Large Cap Value Equiti -1 4.14% 1.73% -3.92% -3.96%	4% -4.78%
SCHP Schwab U.S. TIPs Inflation-Protected Bon -1 0.56% 0.23% -2.56% -2.40% -	6% -3.93%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD 9	%M/A	DD%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	-1	2.20%	3.16%	-4.21%	-4.05%	-5.76%	-12.62%
TIP	iShares TIPS Bond Fd	Inflation-Protected Bon	-1	0.55%	0.04%	-2.74%	-2.62%	-1.75%	-3.86%
GSLC	Goldman Sachs ActiveBeta U.S. Large CaP	Large Cap Blend Equiti	-1	5.07%	4.04%	-6.58%	-6.36%	-0.58%	-6.83%
IWV	Russell 3000 Index	All Cap Equities	-1	4.93%	4.77%	-6.09%	-5.75%	-0.84%	-6.29%
IWR	Russell MidCap Index Fs	Mid-Cap Blend	-1	4.43%	5.85%	-6.38%	-6.30%	-2.57%	-65.29%
ΙΤΟΤ	iShares Core S&P Total U.S. Stock Market	All Cap Equities	-1	4.83%	4.79%	-6.12%	-5.85%	-1.02%	-6.42%
IWM	Russell 2000	Small Blend	-1	3.94%	7.48%	-7.67%	-7.47%	-5.64%	-15.14%
DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreigh Large Cap Equ	-1	2.94%	0.34%	-3.86%	-3.67%	-1.03%	-5.28%
IHDG	WisdomTree International Hedged Dividend Growt	Foreign Large Cap Equ	-1	4.30%	1.88%	-5.30%	-5.16%	-2.02%	-6.57%
VDC	Vanguard Consumer Staples	Consumer Staples Equi	-1	1.42%	0.19%	-2.93%	-3.55%	1.90%	-4.05%
USMV	iShares Edge MSCI Min Vol USA	All Cap Equities	-1	5.15%	4.03%	-5.73%	-5.61%	-0.07%	-5.77%
XLP	Consumer Staples Select *	Consumer Staples	-1	1.20%	-0.51%	-2.83%	-3.49%	2.03%	-4.12%
VO	Vanguard Mid-Cap	Mid-Cap Blend	-1	4.20%	5.77%	-7.09%	-7.03%	-2.37%	-9.31%
IJR	S&P Sm.Cap 600	Small Blend	-1	3.20%	5.79%	-5.59%	-5.48%	-2.35%	-10.04%
INDY	iShares S&P India Nifty 50 Index Fund	Emerging Markets Equi	-1	2.69%	-0.87%	-3.09%	-3.13%	-6.23%	-14.62%
INDA	iShares MSCI India	Emerging Markets Equi	-1	3.73%	0.02%	-3.30%	-3.42%	-5.07%	-12.82%
VLUE	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	-1	2.74%	1.13%	-3.59%	-3.48%	0.33%	-8.06%
SH	Short S&P 500 ProShares ETF	Inverse Equities	-1	-5.80%	-5.55%	3.97%	3.74%	-2.90%	-66.07%
DWX	SPDR S&P International Dividend	Foreign Large Cap Equ	-1	0.77%	-1.50%	-1.80%	-1.83%	-2.34%	-11.05%
RHS	Guggenheim S&P 500 = Wt. Consum Staples	Consumer Staples	-1	0.82%	-0.81%	-1.67%	-2.43%	1.98%	-4.68%
BKLN	PowerShares Exchange-Traded Fund Trust	High Yield Bonds	-1	-0.28%	-1.41%	-1.90%	-2.13%	-1.84%	-7.64%
DIA	SPDR Dow Jones Industrial Average	Large Cap Value	-1	4.43%	1.61%	-4.67%	-4.48%	-0.99%	-5.66%
VV	Vanguard LargeCap	Large Cap Blend	-1	5.05%	4.49%	-6.11%	-6.13%	-0.59%	-6.44%
EWS	iShares Singapore Index	Pacific Asia/excl. Japan	-1	0.38%	0.92%	-1.55%	-2.10%	-6.90%	-25.72%
ACWI	iShares MSCI ACWI	Global Equities	-1	3.48%	2.49%	-5.81%	-5.66%	-2.51%	-6.94%
KBE	SPDR S&P Bank	Specialty-Financial	-1	-1.12%	-1.16%	-1.70%	-1.67%	-0.59%	-11.19%
PIN	PowerShares India Portfolio	Emerging Markets Equi	-1	4.25%	0.86%	-3.41%	-3.74%	-5.16%	-51.22%
SPHQ	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	-1	2.87%	2.70%	-5.56%	-5.56%	-0.79%	-6.46%
VTI	Total Stock Market VIPERs	All Cap Equities	-1	4.86%	4.78%	-6.23%	-5.93%	-1.09%	-6.52%
XLY	Consumer Discretionary Sec.*	Consumer Discretionar	-2	6.31%	5.38%	-10.37%	-10.15%	-2.15%	-13.12%
IJT	S&P SmallCap 600/BARRA Growth	Small Growth	-2	3.26%	5.82%	-9.21%	-9.15%	-4.19%	-39.69%
SHYG	iShares 0-5 Year High Yield Corporate Bond	High Yield Bonds	-2	-0.66%	-1.64%	-3.14%	-3.22%	-3.03%	-8.72%
SCHO	Schwab Short-Term U.S. Treasury	Government Bonds	-2	-1.04%	-1.66%	-2.38%	-2.38%	-2.45%	-4.04%
IJK	S&P MidCap 400/BARRA Growth	Mid-Cap Growth	-2	3.41%	7.09%	-8.83%	-8.91%	-4.04%	-69.78%
RWX	SPDR DJ Wil Intern. RE	Real Estate	-2	1.61%	0.60%	-5.55%	-5.76%	-6.65%	-22.18%
VNQI	Vanguard Global ex-U.S. Real Estate	Global Real Estate	-2	0.53%	-0.33%	-4.60%	-4.62%	-8.20%	-21.00%
SHY	iShares Lehman 1-3 Year Treasury	Government Bonds	-2	-1.01%	-1.60%	-2.33%	-2.31%	-2.40%	-3.73%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equ	-2	0.46%	-1.70%	-2.33%	-2.55%	-3.04%	-8.36%
QQQ	PowerShares QQQ Trust, Series 1	Large Growth	-2	5.63%	5.44%	-10.17%	-9.60%	-2.69%	-10.98%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	-2	1.73%	0.00%	-5.83%	-5.80%	-5.39%	-9.98%
IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	-2	5.96%	5.63%	-9.30%	-8.87%	-1.41%	-10.05%
SCHF	Schwab International Equity	Foreign Large Cap Equ	-2	1.74%	-0.05%	-5.57%	-5.43%	-5.39%	-9.99%
VIG	Vanguard Div. Appreciation	Large Cap Value Equiti	-2	3.94%	2.12%	-6.04%	-6.15%	-0.37%	-6.40%
VIO	3	• • •							

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD %	⁄₀М/А	DD%
VXF	Vanguard Extended Markets VIPERs	Mid Cap Blend	-2	3.85%	7.20%	-9.63%	-9.38%	-8.29%	-17.15%
VGSH	Vanguard Short-Term Government	Government Bonds	-2	-1.00%	-1.62%	-2.37%	-2.37%	-2.62%	-4.73%
RWR	Wilshire REIT Fund	Real Estate	-2	3.95%	3.41%	-6.82%	-6.98%	0.88%	-6.98%
RWO	SPDR DJ Wilshire Global Real Estate	Global Real Estate	-2	3.27%	2.53%	-6.61%	-6.74%	-1.55%	-6.77%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	-2	5.17%	3.28%	-8.46%	-8.24%	-2.73%	-8.71%
SMH	VanEch Vectors Semiconductor	Technology Equities	-2	3.64%	7.71%	-10.76%	-10.46%	0.66%	-12.66%
FBT	1st Trust Biotechnolgy Index	Health & Biotech Equiti	-2	3.00%	6.10%	-8.68%	-8.03%	-7.60%	-19.41%
KBWB	PowerShares KBW Bank Portfolio	Financials Equities	-2	-1.31%	-2.91%	-2.34%	-2.23%	-2.45%	-12.44%
IYJ	Dow Jones US Industrial	Industrial Equities	-2	4.18%	1.93%	-6.57%	-6.67%	-4.23%	-45.47%
SPYG	S&P 500 Growth	Large Cap Growth	-2	5.97%	5.58%	-9.35%	-8.89%	-1.29%	-10.14%
VSS	Vanguard FTSE All-Wid ex-US SmCP Idx	Foreign Small & Mid Ca	-2	2.69%	1.63%	-7.01%	-7.11%	-6.69%	-12.38%
SOXX	iShares PHLX SOX Semiconductor Sector Index	Technology Equities	-2	3.66%	8.95%	-10.58%	-10.31%	1.73%	-12.46%
HYS	PIMCO 0-5 Year High Yield Corp Bond	High Yield Bonds	-2	-0.82%	-1.55%	-3.18%	-3.56%	-2.88%	-6.23%
XMLV	PowerShares S&P MidCap Low Volatility Portfolio	Mid Cap Blend Equities	-2	3.34%	1.99%	-6.65%	-6.86%	-0.97%	-6.99%
FXB	CurrencyShares British Pound	Currency	-2	-1.57%	-1.45%	-2.33%	-2.51%	-3.04%	-12.81%
FXE	CurrencyShares Euro Currency Trust	Currency	-2	-1.90%	-1.45%	-3.06%	-3.56%	-4.86%	-15.33%
FXH	1st Trust Health Care AlphaDEX	Health & Biotech Equiti	-2	4.19%	6.94%	-8.90%	-8.47%	-4.02%	-11.29%
EWH	iShares Hong Kong Index	China Equities	-2	-1.46%	-3.98%	-1.46%	-1.16%	-6.55%	-18.43%
XLK	Technology Select *	Technology Equities	-2	3.96%	4.58%	-9.39%	-8.95%	-0.03%	-10.38%
IWF	Russell 1000 Growth	Large Growth	-2	5.28%	5.48%	-10.06%	-9.60%	-2.77%	-10.75%
VT	Vanguard Total World Stock Index	Global Equities	-2	3.14%	2.45%	-6.05%	-5.80%	-2.94%	-7.35%
CWB	SPDR Barclays Convertible Securities	Convertible Bonds	-2	2.39%	3.54%	-7.71%	-7.64%	-7.97%	-16.90%
IVW	S&P 500/BARRA Growth	Large Growth	-2	5.99%	5.67%	-9.39%	-8.86%	-1.23%	-10.08%
VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	-2	6.00%	5.57%	-9.43%	-8.92%	-1.33%	-10.17%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equ	-3	1.24%	-1.02%	-6.39%	-6.30%	-5.78%	-10.24%
EWJ	iShares Japan Index	Japan Stock	-3	1.03%	0.38%	-6.22%	-6.29%	-6.81%	-15.34%
EWK	iShares Belgium Index	Europe Stock	-3	0.81%	-1.77%	-6.41%	-6.41%	-6.29%	-13.87%
VXUS	Vanguard Total International Stock	Global Equities	-3	0.77%	-0.70%	-5.91%	-5.77%	-5.99%	-11.26%
EWL	iShares Switzerland Index	Europe Stock	-3	3.22%	0.99%	-7.62%	-7.51%	-1.63%	-8.02%
VNQ	Vanguard REIT Index	Real Estate	-3	3.23%	3.21%	-9.31%	-9.56%	-1.90%	-9.56%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	-3	2.74%	1.47%	-7.24%	-7.35%	-7.47%	-13.97%
VUG	Vanguard Growth	Large Cap Growth	-3	4.83%	5.13%	-11.37%	-10.93%	-4.24%	-12.23%
FLTB	Fidelity Limited Term Bond	Corporate Bonds	-3	-1.48%	-2.62%	-3.75%	-3.77%	-3.82%	-5.75%
HDGE	Ranger Equity Bear	Inverse Equities	-3	-3.91%	-6.97%	-0.37%	-0.45%	-1.27%	-78.14%
IFGL	iShares FTSE EPRA/NAREIT Global Real Estate	Global Real Estate	-3	0.37%	-0.85%	-5.73%	-5.82%	-6.39%	-15.36%
BSV	Vanguard Short Term Bond	Total Bond Market	-3	-1.56%	-2.40%	-3.48%	-3.46%	-3.84%	-6.33%
IYG	Dow Jones US Financial Serv's	Specialty-Financial	-3	-0.77%	-1.24%	-5.03%	-4.85%	-3.97%	-9.75%
IWO	Russell 2000 Growth	Small Growth	-3	3.12%	8.14%	-12.75%	-12.36%	-10.80%	-23.71%
IYR	Dow Jones US Real Estate	Real Estate	-3	3.64%	2.79%	-9.75%	-9.89%	-2.30%	-9.89%
IYW	Dow Jones US Technology	Technology Equities	-3	4.67%	5.06%	-10.60%	-9.98%	-2.24%	-11.73%
VBK	Vanguard SmallCap Growth	Small Cap Growth	-3	3.94%	7.95%	-12.24%	-12.01%	-9.76%	-18.92%
VCR	Vanguard Consumer Discretionary	Consumer Discretionar	-3	5.31%	4.91%	-10.92%	-10.71%	-4.78%	-14.46%
VCSH	Vanguard Short-Term Corporate Bond	Corporate Bonds	-3	-1.60%	-2.69%	-3.98%	-3.93%	-4.19%	-6.22%
DBEU	Deutsche X-Trackers MSCI Europe Hedged	Europe Equities	-3	1.60%	-2.67%	-5.89%	-5.63%	-2.04%	-7.17%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD %	M/A	DD%
IXUS	iShares Core MSCI Total International Stock	Global Equties	-3	0.98%	-0.60%	-5.92%	-5.88%	-6.16%	-11.60%
VEU	Vanguard FTSE All-Word ex-US	Global Equities	-3	0.40%	-1.32%	-5.99%	-5.83%	-6.10%	-11.60%
ACWX	iShares MSCI ACWI ex US	Global Equities	-3	0.75%	-0.91%	-5.93%	-5.77%	-5.96%	-11.41%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	-3	5.62%	8.15%	-12.23%	-12.09%	-5.25%	-16.12%
ICF	Cohen & Steers Realty	Real Estate	-3	4.16%	2.75%	-9.81%	-10.11%	-1.22%	-45.71%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equ	-3	1.27%	-0.90%	-6.74%	-6.70%	-6.19%	-10.95%
SJNK	SPDR Barclays Short Term High Yield Bond	High Yield Bonds	-3	-1.10%	-2.21%	-3.69%	-3.76%	-3.55%	-7.14%
MGK	Vanguard Mega Cap Growth	Large Cap Growth Equi	-3	5.10%	4.71%	-11.04%	-10.51%	-3.67%	-11.72%
HYG	iShares Lehman Hi-Yield Corp.	High Yield Bond	-4	-1.48%	-3.00%	-5.88%	-5.86%	-5.07%	-7.94%
JNK	Barclays Cap. High Yield Bond	High Yield Bond	-4	-1.66%	-3.24%	-6.08%	-6.12%	-5.36%	-68.62%
EWP	iShares Spain Index	Europe Stock	-4	-1.07%	-4.29%	-4.80%	-4.80%	-7.35%	-30.99%
EWT	iShares Taiwan Index	Pacific Asia/excl. Japan	-4	-1.58%	-0.38%	-6.71%	-6.53%	-2.85%	-8.13%
MUB	iShares S&P National Muni Bond	National Munis	-4	-2.48%	-3.51%	-5.62%	-5.55%	-5.08%	-6.88%
EWY	iShares S. Korea Index	Pacific Asia/excl. Japan	-4	0.47%	2.53%	-9.20%	-8.87% -	11.73%	-26.25%
VWO	Vanguard Emerging Markets	Emerging Markets Equi	-4	-2.19%	-3.33%	-6.33%	-6.09%	-7.78%	-17.77%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	-4	1.13%	-0.48%	-9.13%	-9.08%	-9.13%	-15.97%
BNDX	Vanguard Total International Bond	Total Bond Market	-4	-1.78%	-3.90%	-4.95%	-4.95%	-6.81%	-11.47%
IHI	iShares DJ US Medical Devices	Health & Biotech Equiti	-4	1.65%	4.89%	-10.67%	-10.16% -	36.95%	-84.07%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equi	-4	-3.22%	-1.86%	-5.09%	-4.98%	-3.84%	-9.82%
РНВ	PowerShares High Yield Corp Bond	High Yield Bonds	-4	-1.51%	-2.87%	-5.82%	-5.92%	-5.18%	-7.12%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equi	-4	-2.17%	-3.38%	-5.76%	-5.47%	-7.98%	-19.15%
VGIT	Vanguard Intermediate-Term Gov Bonds	Government Bonds	-4	-2.60%	-3.58%	-5.38%	-5.30%	-5.83%	-11.15%
IYC	iShares US Consumer Services	Consumer Discretionar	-4	3.37%	3.89%	-11.47%	-11.26%	-5.68%	-73.09%
GVI	iShares Lehman Interm. Govt/Credit	Total Bond Market	-4	-2.00%	-3.21%	-4.74%	-4.57%	-4.83%	-8.28%
SCHR	Schwab Intermediate-Term U.S. Treasury	Government Bonds	-4	-2.62%	-3.59%	-5.38%	-5.33%	-5.44%	-9.85%
IEI	iShares Lehman 3-7 Yr. Tresury	Government Bonds	-4	-2.42%	-3.33%	-4.94%	-4.91%	-5.12%	-8.76%
TOTL	SPDR DoubleLine Total Return Tactical	Total Bond Market	-4	-2.38%	-4.18%	-5.61%	-5.51%	-5.92%	-11.16%
VOT	Vanguard Mid-Cap Growth	Mid-Cap Growth	-4	3.68%	7.33%	-12.93%	-12.67%	-7.00%	-16.34%
IWP	Russell MidCap Growth	Mid-Cap Growth	-4	3.60%	7.33%	-13.28%	-12.94%	-9.63%	-18.63%
FXD	First Trust Cons. Discret. AlphaDEX	Consumer Discretionar	-5	0.45%	0.54%	-10.48%	-10.64%	-7.82%	-15.45%
IEF	iShares Lehman 7-10 Yr Treasury	Government Bonds	-5	-3.35%	-4.57%	-6.91%	-6.80%	-6.56%	-12.90%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	-5	-2.32%	-3.51%	-7.50%	-7.04%	-9.58%	-21.65%
HEDJ	WisdomTree Europe Hedged Equity	Europe Equities	-5	1.38%	-4.24%	-7.94%	-7.58%	-4.72%	-9.87%
AGG	iShares Lehman Aggregate Bond	Intermediate-Term Bon	-5	-2.29%	-4.28%	-6.28%	-6.25%	-6.06%	-10.60%
PFF	iShares S&P Preferred Stock	Preferred Stock/Conver	-5	0.03%	-2.90%	-8.82%	-9.05%	-6.69%	-10.97%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equi	-5	-1.78%	-2.70%	-6.91%	-6.63%	-9.09%	-19.54%
VOX	Vanguard Telecom Serv's	Communication Equitie	-5	2.11%	-0.22%	-12.34%	-11.29% -	11.98%	-20.18%
IBB	Nasdaq Biotechnology	Health & Biotech Equiti	-5	4.37%	5.13%	-15.43%	-14.80% -	14.73%	-61.85%
EPHE	iShares MSCI Philippines	Emerging Markets Equi	-5	-5.19%	-3.48%	-5.78%	-3.63%	-1.91%	-24.51%
PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	-5	3.82%	5.75%	-14.16%	-14.06%	-9.49%	-19.53%
FPE	First Trust Preferred Securities and Income	Preferred Stock	-5	-0.84%	-4.54%	-6.70%	-6.79%	-6.41%	-8.72%
GOVT	iShares Core U.S. Treasury Bond	Government Bonds	-5	-2.43%	-4.08%	-5.75%	-6.67%	-5.61%	-12.01%
BIV									
DIV	Vanguard Intermed. Term Bond	Intermediate-Term Bon	-5	-2.88%	-4.48%	-6.81%	-6.71%	-7.40%	-13.38%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk 12 w	k YTD %M/A	DD%
IEV	S&P Europe 350 Index	Europe Stock	-5	0.44%	-3.42% -8.04	% -8.07% -6.17%	-10.33%
SCHZ	Schwab US Aggregate Bond	Total Bond Market	-5	-2.32%	-4.38% -6.38	% -6.42% -6.24%	-11.38%
IYZ	Down Jones US Telecom	Commun. Equities	-5	0.47%	-0.10% -10.56	% -9.97% -8.29%	-18.91%
DFE	Wisdom Tree Europe SmCap Div.	Europe Stock	-5	1.81%	-3.06% -10.10	% -10.32% -8.31%	-15.54%
VRP	PowerShares Variable Rate Preferred Portfolio	Preferred Stock	-5	-1.02%	-4.45% -6.30	% -6.44% -6.21%	-8.39%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equ	-6	1.54%	-0.47% -12.59	% -12.57% -9.45%	-15.37%
BWX	SPDR Lehman Intl Treasury Bond	World Gov Bond	-6	-3.70%	-5.63% -7.60	% -8.03% -8.76%	-17.33%
BBH	VanEck Vectors Biotech	Health & Biotech	-6	4.02%	3.99% -15.27	6 -14.83% -15.06%	-26.95%
BOND	PIMCO Total Return Active Exchange-Traded	Total Bond Market	-6	-3.05%	-5.23% -7.06	% -7.17% -7.06%	-10.27%
HEZU	iShares Currency Hedged MSCI Eurozone	Europe Equities	-6	-0.61%	-6.18% -9.58	% -9.22% -6.73%	-12.22%
XRT	SPDR S&P Retail *	Consumer Discretionar	-6	3.42%	0.89% -13.57	6 -13.02% -12.97%	-24.61%
IGV	iShares North American Tech-Software	Technology Equities	-6	1.94%	4.03% -14.64	6 -13.85% -12.63%	-23.28%
URE	ProShares Ultra Real Estate	Leveraged Real Estate	-6	7.51%	5.57% -18.95	% -19.28% -4.14%	-19.28%
PZA	Pshares Insured National Munis	National Munis	-6	-3.97%	-5.43% -8.04	% -8.08% -7.17%	-9.45%
VGK	Vanguard European	Europe Equities	-6	0.11%	-3.95% -9.09	% -9.09% -7.38%	-12.12%
FXY	CurrencyShares Japanese Yen Trust	Currency	-6	-5.55%	-5.73% -5.99	% -5.95% -7.97%	-20.74%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	-6	-2.87%	-3.62% -8.71	6 -8.21% -10.68%	-25.64%
VCIT	Vanguard Intermediate-Term Corporate Bond	Corporate Bonds	-6	-2.74%	-5.12% -7.77	% -7.64% -7.90%	-11.83%
EWQ	iShares France Index	Europe Stock	-7	-1.91%	-6.64% -10.15	% -10.31% -8.23%	-13.79%
LQD	iShares iBoxx \$ Liquid Invest. Gr.	Corporate Bonds	-7	-2.24%	-5.75% -9.42	% -9.28% -8.65%	-13.60%
PGX	PowerShares Preferred Portfolio	Preferred Stock/Conver	-7	-0.97%	-5.73% -10.90	% -11.13% -9.68%	-13.83%
XBI	SPDR Series Trust SPDR S&P Biotech	Health & Biotech Equiti	-7	3.11%	7.32% -18.96	6 -18.03% -20.67%	-47.26%
BAB	PowerShares Build America Bond Portfolio	National Munis	-8	-4.78%	-7.10% -9.81	% -9.92% -9.33%	-14.29%
PEZ	PowerShares Consumer Cyclicals	All Cap Equities	-8	0.65%	-0.07% -16.62	6 -16.31% -13.30%	-25.25%
HEWG	iShares Currency Hedged MSCI Germany	Europe Equities	-8	-1.35%	-8.54% -10.83	% -10.91% -9.58%	-14.05%
PGF	PowerShares Fin. Preferred Portf.	Specialty-Financial	-8	-1.94%	-5.99% -11.49	% -11.58% -10.21%	-14.80%
TLH	iShares Lehman 10-20 Yr Treasury	Government Bonds	-8	-3.74%	-6.96% -9.66	% -9.86% -8.99%	-22.38%
EWD	iShares Sweden Index	Europe Stock	-8	3.22%	-4.31% -15.73	6 -15.56% -13.55%	-20.79%
VWOB	Vanguard Emerging Markets Gov Bonds	Emerging Markets Bon	-8	-3.04%	-8.04% -11.54	% -11.33% -10.59%	-17.31%
TLT	iShares 20+ Treas. Bd	Government Bonds	-9	-4.61%	-8.81% -11.78	% -11.96% -10.28%	-23.96%
BLV	Vanguard Long Term Bond	Long-Term Bond	-9	-3.45%	-8.10% -11.94	% -11.96% -11.05%	-22.90%
EWN	iShares Netherlands Index	Europe Stock	-9	-0.63%	-4.63% -15.09	% -15.17% -12.90%	-20.79%
EMB	iShares Emerging Markets Bond	Emerging Market Bond	-9	-2.88%	-8.52% -11.97	6 -11.86% -11.18%	-18.51%
FEZ	SPDR Euro Stoxx 50	Europe Stock	-9	-2.62%	-7.96% -12.05	% -12.22% -10.95%	-17.00%
EZU	European Monetary Union Index	Europe Stock	-9	-2.63%	-7.48% -12.43	% -12.45% -11.51%	-16.73%
VCLT	Vanguard Long-Term Corporate Bond	Corporate Bonds	-9	-2.64%	-7.97% -12.80	% -12.56% -11.54%	-18.07%
FXI	iShares China 25 Index	China Equities	-10	-6.96%	-10.19% -11.84	6 -10.85% -16.66%	-40.13%
EWG	iShares Germany Index	Europe Stock	-10	-3.41%	-9.90% -13.64	% -13.64% -14.10%	-22.40%
EWI	iShares Italy Index	Europe Stock	-10	-5.16%	-9.54% -11.97	% -12.13% -10.48%	-16.36%
EDV	Vanguard Extended Duration Treasury	Government Bonds	-11	-5.48%	-10.95% -14.43	% -14.53% -12.61%	-32.91%
ASHR	Deutsche X-Trackers China A-Shares	China Equities	-11	-7.29%	-8.18% -14.38	% -14.43% -12.15%	-27.91%
MCHI	iShares MSCI China	China Equities	-11	-8.11%	-9.62% -14.20	6 -13.68% -19.16%	-44.25%
ZROZ	PIMCO 25 Yr Zero Coupon US Treas Idx Exchg-Tr	Government Bonds	-12	-5.69%	-11.25% -14.59	% -14.75% -12.29%	-31.67%
XHB	SPDR Series Trust SPDR Home Builders	Building & Construction	-13	-2.44%	-6.60% -22.09	% -22.76% -13.03%	-23.19%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk 12 wk	YTD %M/A	DD%
PCY	PowerShares Emerging Markets Sovereign Debt P	Emerging Markets Bon	-14	-6.30%	-13.34% -17.87%	-17.65% -17.03%	-29.89%
ITB	iShares DJ US Home Construction	Building and Constructi	-15	-3.36%	-7.52% -24.32%	-25.00% -13.40%	-25.11%
SCHB	Schwab U.S. Broad Market	All Cap Equities	-50	-47.54%	-47.56% -53.05%	-52.91% -49.22%	-53.20%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	-50	-47.50%	-47.68% -52.99%	-52.83% -49.01%	-53.14%
SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	-50	-47.98%	-46.42% -53.57%	-53.52% -51.32%	-56.78%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	-51	-47.02%	-46.61% -54.97%	-54.62% -50.17%	-55.45%
SCHH	Schwab U.S. REIT	Real Estate	-51	-47.96%	-48.08% -54.20%	-54.30% -48.87%	-54.30%
RSX	Market Vectors Russia	Emerging Markets Equi	-74	-63.29%	-75.68% -78.66%	-78.81% -78.53%	-83.05%