HV ETF Master List as of 10/06/2022

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD %	6Μ/A	DD%
ТВТ	ProShares UltraShort Lehman 20 Yr Treas	Leveraged Bonds	37	11.01%	23.55%	24.42%	89.17%	33.29%	-25.11%
IEO	iShares DJ Oil & Gas Expl.&Prod.	Energy Equities	25	5.40%	8.96%	30.94%	55.47%	14.42%	-9.67%
TUR	iShares Turkey Investment Index	Emerging Markets Equi	23	1.44%	18.49%	37.90%	32.78%	19.30%	-47.64%
VDE	Vanguard Energy VIPERS	Energy Equities	21	4.40%	5.63%	23.62%	49.36%	10.23%	-10.13%
XLE	Energy Select Sector *	Energy Equities	20	4.83%	5.86%	22.15%	48.54%	9.51%	-10.66%
IYE	Dow Jones US Energy	Specialty-Natural Res.	20	3.39%	4.97%	23.45%	47.94%	10.64%	-8.81%
FXN	1st Trust Energy AlphaDEX	Energy Equities	19	1.33%	2.52%	23.76%	46.81%	12.07%	-6.62%
TBF	ProShares Short 20+Year Treasury	Inverse Bonds	17	5.73%	11.64%	12.32%	39.71%	16.80%	-8.63%
UNG	U.S. Natural Gas Fund	Oil & Gas	15	-13.40%	-20.82%	5.02%	90.87%	3.97%	-73.01%
IXC	S&P Global Energy	Energy Equities	15	3.53%	2.81%	18.72%	35.55%	5.58%	-12.46%
EWZ	iShares Brazil Index	Latin America Stock	15	7.74%	6.52%	28.46%	17.06%	3.65%	-32.12%
PSQ	ProShares Short QQQ	Inverse Equities	14	6.75%	14.84%	1.28%	31.49%	9.94%	-74.40%
EFZ	ProSharesShort MSCI EAFE	Inverse Equities	13	4.81%	14.16%	3.95%	28.80%	13.97%	-35.84%
SH	Short S&P 500 ProShares ETF	Inverse Equities	10	6.51%	11.69%	0.36%	21.37%	8.53%	-60.31%
IGE	iShares North American Natural Resources	Commodity Producers	10	0.99%	0.36%	14.42%	23.03%	1.37%	-14.75%
ILF	iShares S&P 40 Latin America	Latin America Stock	10	4.74%	3.48%	23.19%	10.27%	0.87%	-34.51%
GSG	iShares GSCI Commodity Index	Commodities.	9	4.56%	-1.90%	2.82%	29.92%	-0.43%	-15.60%
DOG	ProShares Short Dow 30	Bear Market	9	5.89%	10.87%	1.73%	16.92%	8.03%	-58.60%
RWM	ProShares Short Russell2000	Inverse Equities	8	4.73%	11.75%	-3.77%	19.89%	5.19%	-60.35%
UUP	PowerShares DB US Dollar Bullish	Currency	8	2.65%	7.25%	3.96%	17.75%	9.77%	-1.60%
HDGE	Ranger Equity Bear	Inverse Equities	7	3.25%	13.90%	-7.07%	17.32%	5.33%	-74.24%
DBC	PowerShares DB Commodity Index	Commodities	7	4.17%	-1.94%	3.92%	23.77%	-0.40%	-15.75%
DJP	Bloomberg Commodity Index	Commodities	5	0.67%	-5.42%	5.34%	21.01%	-2.94%	-15.70%
AGQ	ProShares Ultra Silver	Leveraged Commoditie	5	24.16%	1.41%	22.30%	-29.59%	-17.56%	-64.91%
FTGC	First Trust Global Tactical Commodity Strategy	Commodities	5	1.68%	-3.20%	5.06%	15.35%	-2.47%	-15.45%
SLV	iShares Silver Trust	Precious Metals	4	11.80%	1.98%	12.00%	-11.48%	-5.72%	-29.48%
PPLT	ETFS Physical Platinum Shares	Precious Metals	2	5.10%	-3.20%	9.85%	-4.38%	-3.13%	-28.02%
DBA	PowerShares DB Agriculture Fd	Agriculture Commoditie	1	-0.69%	-2.28%	3.23%	2.03%	-4.22%	-12.24%
GUNR	FlexShares Global Upstream Natural Resources	Commodity Producers	1	-2.50%	-5.06%	9.61%	1.65%	-6.52%	-17.96%
XME	SPDR S&P Metals & Mining	Commodity Producers	1	-3.71%	-8.80%	11.48%	4.78%	-7.39%	-28.75%
GNR	SPDR S&P Global Natural Resources	Commodity Producers	0	-1.73%	-4.80%	9.80%	-2.22%	-7.59%	-19.18%
ECH	iShares Chile Index	Latin America	0	-13.19%	-8.81%	12.49%	8.01%	-6.16%	-55.60%
FTSM	First Trust Enhanced Short Maturity	Total Bond Market	0	-0.15%	-0.13%	-0.05%	-0.75%	-0.29%	-1.44%
FLOT	iShares Floating Rate Bond	Corporate Bonds	0	-0.36%	-0.04%	0.26%	-1.08%	-0.44%	-1.78%
DXJ	Wisdom Tree Japan Hedged Equity	Japan Stock	0	-2.73%	-1.83%	1.35%	1.84%	0.16%	-4.54%
FV	First Trust VL Dividend	Large Cap Value Equiti	-1	-2.20%	-4.39%	10.37%	-9.56%	-3.06%	-13.68%
DBJP	Deutsche X-Trackers MSCI Japan Hedged	Japan Equities	-1	-2.07%	-1.84%	1.65%	-3.72%	0.30%	-7.29%
SIL	Global X Silver Miners	Commodity Producers	-2	9.99%	0.69%	9.95%	-28.27%	-13.98%	-50.91%
SHY	iShares Lehman 1-3 Year Treasury	Government Bonds	-2	-1.24%	-1.68%	-1.67%	-5.16%	-2.50%	-6.53%
IAU	iShares Gold Trust	Precious Metals	-2	0.46%	-3.98%	0.31%	-6.49%	-6.11%	-17.43%
VGSH	Vanguard Short-Term Government	Government Bonds	-2	-1.23%	-1.67%	-1.64%	-5.10%	-2.44%	-7.39%

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GVI iShares Lehman Interm. Govt/Credit Total Bond Market -5 -2.49% -4.08% -3.56% -10.59% -5.22%	-19.10%
	-25.92%
GDXJ VanEck Vectors Junior Gold Miners Commodity Producers -5 5.81% -5.88% 5.50% -24.47% -17.35%	-14.07%
	-50.55%
MUB iShares S&P National Muni Bond National Munis -5 -1.63% -4.09% -3.64% -11.09% -4.73%	-12.35%
GDX Mkt Vector Gold Miners Specialty-Precious Met -5 5.30% -3.64% -0.23% -19.92% -17.11%	-42.40%
FDL 1st Trust Morningstar Div. Lead's Large Cap Value -5 -5.54% -8.24% -1.04% -4.13% -6.62%	-12.99%
DHS Wisdom Tree High-Yield Equity Large Cap Value -5 -5.39% -7.67% -1.53% -4.14% -7.12%	-13.24%
DBEF Deutsche X-Trackers MSCI EAFE Hedged Foreigh Large Cap Equ -5 -2.76% -5.96% -0.49% -11.94% -5.61%	-13.42%
VTIP Vanguard Short-Term Inflation-Protected Securities Inflation-Protected Bon -5 -3.61% -4.65% -3.59% -7.47% -5.73%	-9.92%
PIN PowerShares India Portfolio Emerging Markets Equi -5 -6.34% -5.41% 3.61% -11.03% -4.16%	-54.92%
ITA iShares DJ US Aerospace&Defense Industrials Equities -6 -6.13% -9.52% -0.51% -6.98% -7.39%	-60.13%
VRP PowerShares Variable Rate Preferred Portfolio Preferred Stock -6 -2.45% -5.40% -0.54% -14.08% -5.85%	-15.87%
VGIT Vanguard Intermediate-Term Gov Bonds Government Bonds -6 -2.98% -5.07% -4.64% -12.46% -6.30%	-17.87%
FXE Currency Shares Euro Currency Trust Currency -6 -2.07% -5.12% -2.34% -14.50% -8.08%	-24.94%
DON Wisdom Tree MidCap Div. Mid-Cap Value -6 -6.06% -8.71% 2.44% -10.89% -6.48%	-61.04%
RPV Guggenheim S&P 500 Pure Value Large Value -6 -6.32% -8.60% 0.52% -9.06% -8.93%	-16.69%
SCHR Schwab Intermediate-Term U.S. Treasury Government Bonds -6 -3.07% -5.20% -4.78% -12.68% -6.47%	-16.86%
PHB PowerShares High Yield Corp Bond High Yield Bonds -6 -2.66% -5.14% -1.98% -13.44% -5.65%	-14.54%
RING iShares MCSI Global Gold Miners Fund Commodity Producers -6 5.72% -2.35% -0.75% -26.03% -19.73%	-45.93%
VHT Vanguard Health Care Health & Biotech Equiti -6 -3.60% -5.93% -1.53% -13.17% -4.43%	-13.53%
FBT 1st Trust Biotechnolgy Index Health & Biotech Equiti -6 -3.62% -5.53% 0.90% -14.40% -2.34%	-24.99%
MOO VanEck Vectors Agribusiness Commodity Producers -6 -6.57% -9.14% 2.20% -11.71% -10.56%	-22.23%
BNDX Vanguard Total International Bond Total Bond Market -6 -2.07% -5.89% -4.52% -13.40% -6.73%	-19.33%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD %M/A	DD%
IEI	iShares Lehman 3-7 Yr. Tresury	Government Bonds	-6	-2.70%	-4.49%	-4.12%	-11.28% -5.64%	-14.87%
IYH	Dow Jones US Healthcare	Specialty-Health	-6	-3.28%	-5.58%	-2.06%	-12.91% -4.66%	-13.34%
TOTL	SPDR DoubleLine Total Return Tactical	Total Bond Market	-7	-3.51%	-5.90%	-4.42%	-15.12% -7.91%	-20.20%
IXJ	S&P Global Healthcare	Health & Biotech Equiti	-7	-3.42%	-6.14%	-3.57%	-13.98% -6.32%	-36.85%
VTV	Vanguard Value	Large Cap Value	-7	-6.19%	-8.60%	-0.91%	-12.67% -8.50%	-14.81%
IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	-7	-5.96%	-9.81%	1.28%	-13.66% -7.45%	-16.74%
THD	iShares Thailand Capped Invest Mrkt Idx	Emerging Markets Equi	-7	-6.18%	-7.95%	0.79%	-13.27% -9.74%	-35.08%
HYG	iShares Lehman Hi-Yield Corp.	High Yield Bond	-7	-3.31%	-6.68%	-2.07%	-16.09% -7.36%	-17.94%
IBB	Nasdaq Biotechnology	Health & Biotech Equiti	-7	-3.71%	-6.87%	0.66%	-19.89% -1.46%	-64.13%
VYM	Vanguard High Div. Yield Index	Large Cap Value	-7	-6.10%	-8.49%	-1.31%	-11.84% -8.28%	-14.06%
FXO	1st Trust Financials AlphaDEX	Financial Equities	-7	-6.58%	-9.90%	3.25%	-15.67% -8.96%	-19.71%
DBEU	Deutsche X-Trackers MSCI Europe Hedged	Europe Equities	-7	-3.23%	-7.71%	-1.09%	-15.06% -7.56%	-16.44%
CWB	SPDR Barclays Convertible Securities	Convertible Bonds	-7	-3.40%	-6.32%	1.44%	-20.84% -7.23%	-28.77%
PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	-7	-3.42%	-5.95%	6.51%	-23.78% -5.12%	-28.63%
GOVT	iShares Core U.S. Treasury Bond	Government Bonds	-7	-2.91%	-4.98%	-4.94%	-14.84% -6.96%	-19.72%
AGG	iShares Lehman Aggregate Bond	Intermediate-Term Bon	-8	-3.52%	-6.21%	-5.47%	-15.60% -7.84%	-19.52%
PEY	PowerShares Hi Yields Div. Achiev's	Mid-Cap Value	-8	-7.26%	-10.72%	-5.20%	-9.02% -9.42%	-14.77%
MTUM	iShares Edge MSCI USA Momentum Factores	All Cap Equities	-8	-3.39%	-4.34%	1.92%	-24.45% -8.27%	-29.10%
JNK	Barclays Cap. High Yield Bond	High Yield Bond	-8	-3.64%	-7.35%	-2.28%	-17.50% -8.35%	-72.42%
MDY	MidCap Trust Series I	Mid-Cap Blend	-8	-5.52%	-9.81%	2.80%	-18.12% -7.48%	-20.18%
BIV	Vanguard Intermed. Term Bond	Intermediate-Term Bon	-8	-3.67%	-6.59%	-5.32%	-16.05% -7.99%	-22.05%
EWS	iShares Singapore Index	Pacific Asia/excl. Japan	-8	-3.90%	-11.21%	0.29%	-18.14% -9.78%	-37.89%
FEX	First Trust Large Cap Core AlphaDEX	Large Cap Blend Equity	-8	-6.40%	-9.46%	0.76%	-17.80% -8.51%	-18.41%
FNDX	Schwab Fundamental U.S. Large Company Index	Large Cap Value Equiti	-8	-6.34%	-9.70%	-0.65%	-14.37% -9.04%	-16.21%
FPE	First Trust Preferred Securities and Income	Preferred Stock	-8	-4.27%	-7.64%	-3.17%	-17.32% -8.49%	-19.04%
FXG	1st Trust Consumer Staples	Consumer Staples Equi	-8	-7.81%	-9.90%	-5.89%	-6.40% -7.91%	-14.68%
FXH	1st Trust Health Care AlphaDEX	Health & Biotech Equiti	-8	-4.73%	-8.22%	-2.27%	-18.73% -6.74%	-21.23%
FXU	1st Trust Utilities AlphaDEX	Utilities Equities	-8	-12.97%	-11.55%	-3.01%	-5.38% -6.75%	-14.32%
HEZU	iShares Currency Hedged MSCI Eurozone	Europe Equities	-8	-2.91%	-8.91%	-0.53%	-20.13% -9.66%	-22.78%
BND	Vanguard Total Bond Market	Intermediate-Term Bon	-8	-3.47%	-6.12%	-5.35%	-15.87% -7.89%	-20.32%
IYK	Dow Jones US Cons. Goods	Consumer Staples Equi	-8	-7.71%	-9.76%	-6.20%	-8.98% -8.62%	-14.62%
IHDG	WisdomTree International Hedged Dividend Growt	Foreign Large Cap Equ	-8	-2.51%	-7.93%	-1.11%	-18.56% -8.30%	-19.77%
IJH	S&P MidCap 400	Mid-Cap Blend	-8	-5.71%	-9.99%	2.66%	-18.21% -7.63%	-20.31%
IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	-8	-6.69%	-10.40%	0.59%	-14.86% -8.39%	-45.54%
IJK	S&P MidCap 400/BARRA Growth	Mid-Cap Growth	-8	-4.63%	-9.44%	5.03%	-21.39% -6.74%	-73.92%
IVE	S&P 500/BARRA Value	Large Value	-8	-6.70%	-9.44%	-1.44%	-14.52% -9.15%	-15.83%
IWD	Russell 1000 Value	Large Value	-8	-6.85%	-10.05%	-0.69%	-15.43% -9.30%	-16.71%
IYF	Dow Jones US Financial Sector	Specialty-Financial	-8	-6.97%	-9.44%	3.44%	-18.51% -9.90%	-50.75%
HEDJ	WisdomTree Europe Hedged Equity	Europe Equities	-8	-2.14%	-8.16%	-1.45%	-19.40% -9.50%	-21.39%
RHS	Guggenheim S&P 500 = Wt. Consum Staples	Consumer Staples	-8	-6.80%	-9.02%	-6.74%	-8.12% -7.56%	-13.67%
SDY	SPDR Dividend ETF	Large Value	-8	-7.72%	-10.57%	-1.93%	-10.58% -7.28%	-12.76%
VFH	Vanguard Financials	Financials Equities	-8	-6.75%	-9.68%	3.38%	-19.33% -10.30%	-23.44%
VCIT	Vanguard Intermediate-Term Corporate Bond	Corporate Bonds	-8	-3.69%	-7.02%	-5.18%	-17.90% -8.65%	-21.62%
VBR	Vanguard SmallCap Value	Small Cap Value	-8	-6.12%	-10.46%	1.97%	-15.44% -8.36%	-18.57%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD %M/A	DD%
SCHD	Schwab US Dividend Equity	All Cap Equities	-8	-6.05%	-9.36%	-2.57%	-14.67% -8.94%	-15.83%
VB	Vanguard SmallCap	Small Cap Blend	-8	-5.83%	-10.59%	2.76%	-20.10% -8.17%	-24.56%
PKW	PowerShares Buyback Achievers	All Cap Equities	-8	-5.38%	-8.68%	2.16%	-18.49% -8.18%	-19.82%
VIS	Vanguard Industrials	industrials Equities	-8	-6.97%	-11.20%	3.18%	-18.36% -8.12%	-20.15%
XLF	Financial Select Sector *	Financial Equities	-8	-7.08%	-9.63%	2.93%	-18.98% -10.72%	-23.61%
PZA	Pshares Insured National Munis	National Munis	-8	-2.00%	-6.40%	-5.62%	-16.93% -7.55%	-18.17%
PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	-8	-6.46%	-9.79%	-0.68%	-15.23% -9.42%	-17.06%
SCHZ	Schwab US Aggregate Bond	Total Bond Market	-8	-3.58%	-6.31%	-5.57%	-15.99% -8.03%	-20.45%
IHE	iShares DJ US Pharmaceuticals	Health & Biotech Equiti	-9	-4.87%	-8.67%	-9.40%	-13.83% -8.78%	-14.77%
VIG	Vanguard Div. Appreciation	Large Cap Value Equiti	-9	-6.92%	-9.95%	-1.92%	-18.36% -8.75%	-18.58%
SDOG	ALPS Sector Dividend Dogs	Large Cap Value Equiti	-9	-7.92%	-11.83%	-4.92%	-12.37% -11.57%	-18.26%
FXB	CurrencyShares British Pound	Currency	-9	-3.02%	-8.48%	-5.67%	-17.62% -11.11%	-26.32%
IWS	Russell MidCap Value	Mid-Cap Value	-9	-7.67%	-11.28%	-0.14%	-17.81% -10.03%	-18.62%
IWR	Russell MidCap Index Fs	Mid-Cap Blend	-9	-6.76%	-10.80%	1.55%	-21.23% -9.23%	-70.82%
IWP	Russell MidCap Growth	Mid-Cap Growth	-9	-5.06%	-9.94%	4.81%	-27.69% -7.87%	-32.42%
IWO	Russell 2000 Growth	Small Growth	-9	-4.52%	-9.94%	5.07%	-25.49% -6.39%	-35.13%
IWM	Russell 2000	Small Blend	-9	-5.44%	-11.53%	2.45%	-21.91% -8.24%	-28.38%
IEF	iShares Lehman 7-10 Yr Treasury	Government Bonds	-9	-4.00%	-7.32%	-6.55%	-16.79% -8.75%	-22.24%
USMV	iShares Edge MSCI Min Vol USA	All Cap Equities	-9	-6.89%	-9.18%	-3.33%	-16.16% -7.77%	-16.30%
FXY	CurrencyShares Japanese Yen Trust	Currency	-9	-0.89%	-8.41%	-4.48%	-21.02% -12.21%	-33.44%
IJR	S&P Sm.Cap 600	Small Blend	-9	-4.63%	-11.59%	0.52%	-19.91% -9.28%	-23.78%
SPHQ	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	-9	-5.01%	-9.26%	0.05%	-21.18% -9.89%	-21.93%
SCHV	Schwab U.S. Large-Cap Value	Large Cap Value Equiti	-9	-6.91%	-9.62%	-1.20%	-16.62% -9.51%	-17.71%
SCHP	Schwab U.S. TIPs	Inflation-Protected Bon	-9	-5.38%	-7.90%	-6.98%	-17.51% -10.92%	-18.80%
SCHM	Schwab U.S. Mid Cap	Mid Cap Blend Equities	-9	-6.69%	-10.05%	2.11%	-20.55% -8.95%	-23.37%
IJT	S&P SmallCap 600/BARRA Growth	Small Growth	-9	-3.95%	-10.94%	1.58%	-23.00% -8.43%	-48.88%
IJS	S&P SmallCap 600/BARRA Value	Small Value	-9	-5.16%	-12.24%	-0.64%	-17.03% -10.10%	-49.96%
VDC	Vanguard Consumer Staples	Consumer Staples Equi	-9	-7.74%	-9.67%	-6.67%	-12.86% -9.31%	-16.39%
DIA	SPDR Dow Jones Industrial Average	Large Cap Value	-9	-5.97%	-10.33%	-2.34%	-17.64% -9.17%	-18.66%
XLI	Industrial Select Sector *	Industrial Equities	-9	-7.71%	-11.73%	1.54%	-17.95% -9.17%	-18.95%
BOND	PIMCO Total Return Active Exchange-Traded	Total Bond Market	-9	-4.11%	-7.04%	-5.63%	-18.12% -9.35%	-20.85%
XLP	Consumer Staples Select *	Consumer Staples	-9	-7.85%	-9.82%	-7.14%	-12.45% -9.36%	-16.21%
NOBL	ProShares S&P 500 Dividend Aristocrats	Large Cap Value Equiti	-9	-7.93%	-10.64%	-2.24%	-15.61% -8.81%	-16.06%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	-9	-8.53%	-11.43%	-1.29%	-15.80% -10.20%	-17.36%
ВВН	VanEck Vectors Biotech	Health & Biotech	-9	-3.29%	-8.18%	-1.62%	-22.26% -4.19%	-33.32%
RSP	Guggenheim S&P Equal Weight	Large Blend	-9	-7.27%	-10.66%	-0.01%	-18.09% -9.52%	-18.81%
DGRO	iShares Core Dividend Growth	Large Cap Value Equiti	-9	-7.21%	-10.62%	-2.77%	-17.15% -9.48%	-17.86%
DVY	iShares Select Dividend Index	Large Cap Value	-9	-9.27%	-11.51%	-4.05%	-9.80% -10.19%	-16.32%
PFF	iShares S&P Preferred Stock	Preferred Stock/Conver	-9	-3.75%	-9.64%	-4.30%	-19.86% -8.76%	-21.55%
IYM	Dow Jones US Basic Mat's	Materials	-9	-7.09%	-11.16%	1.88%	-18.88% -13.65%	-26.15%
PGF	PowerShares Fin. Preferred Portf.	Specialty-Financial	-9	-2.09%	-9.13%	-4.76%	-20.19% -7.77%	-23.09%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	-9	-5.07%	-11.06%	-3.48%	-18.13% -12.49%	-27.55%
EWA								
	iShares Australia Index	Asia Pacific Equities	-9	-5.54%	-11.20%	-0.97%	-17.60% -12.43%	-25.27%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD %M/A	DD%
EWM	iShares Malaysia Index	Emerging Markets Equi	-9	-7.12%	-9.08%	-3.33%	-17.62% -12.73%	-43.46%
ACWV	iShares Edge MSCI Min Vol Global	Global Equities	-9	-5.55%	-8.43%	-3.96%	-16.61% -8.87%	-16.61%
VXF	Vanguard Extended Markets VIPERs	Mid Cap Blend	-10	-5.69%	-11.27%	2.66%	-26.38% -9.98%	-32.69%
IDU	Dow Jones US Utilities	Utilities Equities	-10	-14.83%	-13.07%	-5.13%	-8.76% -8.15%	-54.43%
XLB	Materials Select Sector *	Materials	-10	-7.40%	-10.55%	0.41%	-21.40% -12.21%	-21.40%
BAB	PowerShares Build America Bond Portfolio	National Munis	-10	-3.60%	-7.45%	-7.62%	-22.03% -10.66%	-25.81%
SPLV	PowerShares S&P 500 Low Volat.	Large Cap Blend	-10	-9.53%	-10.80%	-4.75%	-15.05% -9.27%	-16.02%
XMLV	PowerShares S&P MidCap Low Volatility Portfolio	Mid Cap Blend Equities	-10	-7.76%	-10.68%	-3.59%	-16.01% -8.55%	-16.13%
SPY	SPDR S&P 500	Large Cap Blend	-10	-6.79%	-11.14%	-1.25%	-21.42% -10.20%	-21.88%
HEWG	iShares Currency Hedged MSCI Germany	Europe Equities	-10	-3.59%	-9.27%	-1.71%	-26.33% -13.67%	-28.92%
TIP	iShares TIPS Bond Fd	Inflation-Protected Bon	-10	-5.02%	-8.31%	-7.44%	-18.36% -11.38%	-19.39%
VO	Vanguard Mid-Cap	Mid-Cap Blend	-10	-7.39%	-11.45%	0.85%	-22.47% -9.85%	-24.38%
VAW	Vanguard Materials VIPERS	Materials	-10	-7.59%	-10.87%	0.78%	-20.71% -12.15%	-21.75%
GSLC	Goldman Sachs ActiveBeta U.S. Large CaP	Large Cap Blend Equiti	-10	-6.47%	-10.73%	-1.16%	-21.90% -9.85%	-22.30%
DEM	WisdomTree Emerg. Mkts Hi-Yld E.	Emerging Mkts Equities	-10	-6.52%	-9.11%	-2.29%	-21.26% -15.57%	-32.16%
DES	Wisdom Tree SmallCap Div.	Small Cap Value	-10	-5.92%	-12.45%	-3.00%	-18.23% -11.04%	-68.55%
VV	Vanguard LargeCap	Large Cap Blend	-10	-6.74%	-11.20%	-1.07%	-22.68% -10.44%	-22.94%
FXD	First Trust Cons. Discret. AlphaDEX	Consumer Discretionar	-10	-6.03%	-10.59%	0.77%	-26.11% -10.77%	-30.09%
VTI	Total Stock Market VIPERs	All Cap Equities	-10	-6.63%	-11.13%	-0.57%	-22.23% -10.15%	-22.72%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equ	-10	-5.03%	-11.72%	-3.69%	-21.23% -15.33%	-33.37%
VOO	Vanguard S&P 500	Large Cap Blend Equiti	-10	-6.82%	-11.16%	-1.29%	-21.44% -10.27%	-21.92%
XBI	SPDR Series Trust SPDR S&P Biotech	Health & Biotech Equiti	-10	-5.43%	-8.93%	1.66%	-26.16% -0.98%	-52.49%
IWB	Russell 1000 Index	Large Blend	-10	-6.70%	-11.16%	-0.78%	-21.95% -10.18%	-22.45%
IYJ	Dow Jones US Industrial	Industrial Equities	-10	-7.38%	-12.02%	0.69%	-21.82% -10.06%	-54.32%
IWV	Russell 3000 Index	All Cap Equities	-10	-6.59%	-11.18%	-0.58%	-21.93% -10.06%	-22.38%
IWN	Russell 2000 Value	Small Value	-10	-6.36%	-13.01%	-0.20%	-18.63% -10.14%	-23.61%
VBK	Vanguard SmallCap Growth	Small Cap Growth	-10	-5.48%	-10.87%	3.90%	-26.70% -8.05%	-32.45%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	-10	-6.41%	-11.05%	3.16%	-27.41% -8.44%	-30.74%
IVV	S&P 500	Large Blend	-10	-6.85%	-11.25%	-1.34%	-21.43% -10.25%	-21.89%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equi	-10	-5.14%	-9.11%	-4.20%	-21.47% -12.29%	-32.83%
ITOT	iShares Core S&P Total U.S. Stock Market	All Cap Equities	-10	-6.68%	-11.23%	-0.73%	-22.22% -10.22%	-22.69%
LQD	iShares iBoxx \$ Liquid Invest. Gr.	Corporate Bonds	-10	-4.33%	-8.39%	-6.75%	-21.94% -10.59%	-25.66%
IHI	iShares DJ US Medical Devices	Health & Biotech Equiti	-10	-5.57%	-9.07%	-0.30%	-24.50% -9.83%	-86.62%
PGX	PowerShares Preferred Portfolio	Preferred Stock/Conver	-10	-2.79%	-10.15%	-5.50%	-20.93% -8.75%	-23.34%
ACWI	iShares MSCI ACWI	Global Equities	-11	-5.87%	-11.28%	-2.09%	-23.35% -11.84%	-24.39%
SPHD	PowerShares S&P 500 HiDivLowVol	Large Cap Value	-11	-9.65%	-13.08%	-7.74%	-11.53% -11.74%	-18.64%
VWO	Vanguard Emerging Markets	Emerging Markets Equi	-11	-6.40%	-10.00%	-5.20%	-23.39% -13.55%	-32.93%
KBWB	PowerShares KBW Bank Portfolio	Financials Equities	-11	-9.10%	-12.16%	1.49%	-24.50% -14.75%	-32.38%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equi	-11	-5.36%	-10.14%	-4.82%	-25.11% -14.25%	-35.46%
VT	Vanguard Total World Stock Index	Global Equities	-11	-6.31%	-11.66%	-2.18%	-23.45% -12.05%	-24.71%
VPU	Vanguard Utilities VIPERS	Utilities Equities	-11	-15.24%	-13.73%	-6.36%	-9.45% -9.22%	-16.40%
EMB	iShares Emerging Markets Bond	Emerging Market Bond	-11	-6.24%	-10.30%	-1.97%	-26.40% -12.82%	-31.96%
VWOB	Vanguard Emerging Markets Gov Bonds	Emerging Markets Bon	-11	-6.11%	-9.55%	-2.11%	-25.24% -12.10%	-30.28%
IYG								

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk <i>1</i>	12 wk	YTD %M/A	DD%
VOT	Vanguard Mid-Cap Growth	Mid-Cap Growth	-11	-6.17%	-11.47%	3.20%	-28.98% -9.66%	-31.97%
EWH	iShares Hong Kong Index	China Equities	-11	-4.33%	-10.03%	-11.04%	-17.98% -13.03%	-32.31%
EZA	iShares South Africa Index	Emerging Markets Equi	-11	-4.49%	-15.93%	-3.61%	-18.32% -18.40%	-50.12%
EWJ	iShares Japan Index	Japan Stock	-11	-3.40%	-10.61%	-3.62%	-24.85% -12.75%	-32.11%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	-11	-4.66%	-11.69%	-4.37%	-23.77% -13.58%	-30.57%
EWU	iShares United Kingdom Index	Europe Stock	-11	-6.36%	-13.86%	-6.03%	-19.16% -15.21%	-29.28%
VLUE	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	-11	-7.32%	-11.53%	-3.86%	-21.22% -12.98%	-24.96%
IYC	iShares US Consumer Services	Consumer Discretionar	-11	-7.77%	-10.88%	3.44%	-28.11% -10.40%	-78.20%
XHB	SPDR Series Trust SPDR Home Builders	Building & Construction	-11	-3.43%	-10.02%	1.62%	-31.34% -7.70%	-31.73%
ITB	iShares DJ US Home Construction	Building and Constructi	-11	-0.46%	-9.24%	-1.21%	-32.14% -7.22%	-32.24%
XLU	Utilities Select Sector *	Utilities Equities	-11	-15.52%	-13.75%	-6.49%	-9.04% -9.19%	-16.65%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equ	-12	-5.16%	-12.83%	-4.45%	-26.60% -15.23%	-29.68%
EWP	iShares Spain Index	Europe Stock	-12	-6.98%	-13.81%	-4.90%	-22.34% -15.88%	-43.71%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	-12	-7.34%	-11.88%	-3.15%	-25.12% -11.65%	-25.50%
SPYG	S&P 500 Growth	Large Cap Growth	-12	-6.99%	-13.03%	-1.24%	-27.61% -11.41%	-28.61%
EWI	iShares Italy Index	Europe Stock	-12	-4.28%	-12.18%	0.50%	-32.55% -18.41%	-35.80%
SCHF	Schwab International Equity	Foreign Large Cap Equ	-12	-5.44%	-13.01%	-4.38%	-25.34% -14.84%	-28.94%
BWX	SPDR Lehman Intl Treasury Bond	World Gov Bond	-12	-4.20%	-11.13%	-7.53%	-25.72% -14.41%	-33.23%
VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	-12	-7.00%	-13.06%	-1.21%	-27.62% -11.42%	-28.61%
IWF	Russell 1000 Growth	Large Growth	-12	-6.56%	-12.23%	-0.91%	-27.88% -11.12%	-28.79%
IXUS	iShares Core MSCI Total International Stock	Global Equties	-12	-5.44%	-12.05%	-4.17%	-25.73% -14.72%	-30.24%
IVW	S&P 500/BARRA Growth	Large Growth	-12	-7.05%	-13.04%	-1.30%	-27.63% -11.43%	-28.61%
PEZ	PowerShares Consumer Cyclicals	All Cap Equities	-12	-5.97%	-10.67%	0.49%	-32.26% -12.08%	-39.50%
ACWX	iShares MSCI ACWI ex US	Global Equities	-12	-5.16%	-11.86%	-4.43%	-25.56% -14.73%	-30.01%
VEU	Vanguard FTSE All-Word ex-US	Global Equities	-12	-5.81%	-12.30%	-4.78%	-25.20% -14.76%	-29.78%
VXUS	Vanguard Total International Stock	Global Equities	-12	-6.04%	-12.55%	-4.73%	-25.58% -14.98%	-29.91%
VCR	Vanguard Consumer Discretionary	Consumer Discretionar	-12	-8.71%	-12.20%	3.07%	-28.80% -11.11%	-31.79%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equ	-12	-6.34%	-12.92%	-4.36%	-23.62% -16.08%	-28.17%
XLY	Consumer Discretionary Sec.*	Consumer Discretionar	-12	-9.76%	-12.33%	2.19%	-28.75% -11.52%	-31.10%
IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	-12	-7.00%	-12.87%	-0.88%	-27.27% -11.16%	-28.22%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	-12	-5.26%	-10.36%	-5.26%	-25.47% -14.47%	-37.18%
QQQ	PowerShares QQQ Trust, Series 1	Large Growth	-13	-6.91%	-13.68%	-2.41%	-29.68% -12.65%	-30.75%
VSS	Vanguard FTSE All-Wld ex-US SmCP ldx	Foreign Small & Mid Ca	-13	-7.16%	-13.72%	-4.21%	-28.62% -16.02%	-32.67%
JXI	iShares S&P Global Utilities	Utilities Equities	-13	-14.29%	-15.21%	-7.74%	-15.67% -12.75%	-19.16%
VUG	Vanguard Growth	Large Cap Growth	-13	-7.25%	-13.55%	-1.17%	-30.07% -12.18%	-31.10%
XLK	Technology Select *	Technology Equities	-13	-6.38%	-14.71%	-3.18%	-27.56% -12.18%	-28.70%
EWL	iShares Switzerland Index	Europe Stock	-13	-6.38%	-13.25%	-6.36%	-27.95% -15.36%	-28.35%
MGK	Vanguard Mega Cap Growth	Large Cap Growth Equi	-13	-7.33%	-13.76%	-1.75%	-29.99% -12.45%	-30.93%
TLH	iShares Lehman 10-20 Yr Treasury	Government Bonds	-13	-5.57%	-9.91%	-10.30%	-26.95% -14.43%	-37.09%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equ	-13	-5.51%	-13.28%	-4.58%	-27.22% -15.52%	-30.54%
IEV	S&P Europe 350 Index	Europe Stock	-13	-5.72%	-13.87%	-4.77%	-28.44% -16.45%	-30.20%
IGV	iShares North American Tech-Software	Technology Equities	-13	-5.44%	-13.60%	0.50%	-32.78% -12.39%	-40.14%
EWQ	iShares France Index	Europe Stock	-13	-5.36%	-14.00%	-3.30%	-28.29% -15.56%	-31.08%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	-13	-6.64%	-11.52%	-8.67%	-26.53% -15.36%	-40.48%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD %M/A	DD%
VGT	Vanguard Info Technology	Technolgy Equities	-13	-6.00%	-14.29%	-2.26%	-28.77% -12.24%	-29.98%
FEZ	SPDR Euro Stoxx 50	Europe Stock	-13	-4.49%	-13.28%	-2.22%	-31.16% -16.53%	-34.91%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	-13	-5.89%	-13.44%	-4.70%	-26.46% -15.53%	-29.72%
IYW	Dow Jones US Technology	Technology Equities	-14	-6.06%	-15.15%	-3.94%	-31.98% -14.32%	-33.30%
VGK	Vanguard European	Europe Equities	-14	-6.58%	-15.09%	-5.97%	-30.30% -17.75%	-32.63%
FXI	iShares China 25 Index	China Equities	-14	-5.76%	-10.18%	-13.68%	-26.16% -15.86%	-50.41%
IYT	Dow Jones Transportation	Transportation Equities	-14	-10.89%	-16.46%	-1.74%	-25.48% -13.86%	-26.41%
VCLT	Vanguard Long-Term Corporate Bond	Corporate Bonds	-14	-5.90%	-11.27%	-9.73%	-29.99% -15.08%	-34.40%
BLV	Vanguard Long Term Bond	Long-Term Bond	-14	-5.78%	-10.83%	-10.10%	-29.87% -15.40%	-38.59%
PCY	PowerShares Emerging Markets Sovereign Debt P	Emerging Markets Bon	-14	-7.29%	-12.73%	-0.68%	-33.93% -16.41%	-43.75%
ASHR	Deutsche X-Trackers China A-Shares	China Equities	-14	-5.39%	-11.03%	-13.07%	-28.19% -13.70%	-39.50%
XRT	SPDR S&P Retail *	Consumer Discretionar	-14	-7.21%	-15.11%	0.93%	-33.97% -14.63%	-42.76%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	-14	-7.18%	-15.67%	-4.88%	-29.93% -17.23%	-34.94%
EZU	European Monetary Union Index	Europe Stock	-14	-5.32%	-14.10%	-3.43%	-32.14% -17.42%	-35.46%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equ	-14	-5.09%	-13.74%	-5.11%	-31.65% -14.79%	-33.84%
TLT	iShares 20+ Treas. Bd	Government Bonds	-15	-5.64%	-10.85%	-11.70%	-31.18% -16.66%	-40.56%
SMH	VanEch Vectors Semiconductor	Technology Equities	-15	-5.22%	-15.95%	-4.27%	-35.05% -16.27%	-36.64%
EWN	iShares Netherlands Index	Europe Stock	-15	-4.82%	-15.43%	-4.22%	-35.84% -17.43%	-40.09%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	-15	-6.48%	-15.35%	-5.23%	-31.51% -17.68%	-36.70%
SOXX	iShares PHLX SOX Semiconductor Sector Index	Technology Equities	-15	-5.49%	-15.40%	-3.91%	-36.08% -16.86%	-37.61%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equi	-15	-9.31%	-12.98%	-6.75%	-29.12% -18.75%	-32.73%
EWK	iShares Belgium Index	Europe Stock	-16	-7.36%	-15.09%	-9.62%	-30.48% -19.42%	-36.02%
IDV	iShares International Select Dividend	Foreign Large Cap Equ	-16	-9.40%	-18.41%	-9.36%	-25.79% -21.27%	-35.51%
EWG	iShares Germany Index	Europe Stock	-16	-6.06%	-14.71%	-4.66%	-37.58% -21.58%	-43.91%
MCHI	iShares MSCI China	China Equities	-16	-6.66%	-11.18%	-14.70%	-29.47% -16.48%	-54.45%
EPHE	iShares MSCI Philippines	Emerging Markets Equi	-16	-11.66%	-16.36%	-7.47%	-27.94% -19.86%	-43.55%
EWT	iShares Taiwan Index	Pacific Asia/excl. Japan	-16	-7.68%	-14.10%	-8.54%	-32.50% -19.91%	-33.66%
DWX	SPDR S&P International Dividend	Foreign Large Cap Equ	-16	-10.53%	-16.91%	-12.39%	-25.28% -19.61%	-32.30%
VNQI	Vanguard Global ex-U.S. Real Estate	Global Real Estate	-16	-9.85%	-16.43%	-10.31%	-28.90% -19.45%	-41.11%
VOX	Vanguard Telecom Serv's	Communication Equitie	-17	-7.85%	-15.44%	-7.98%	-36.43% -19.07%	-42.80%
EWD	iShares Sweden Index	Europe Stock	-17	-5.97%	-17.31%	-6.78%	-39.48% -20.82%	-43.23%
EWY	iShares S. Korea Index	Pacific Asia/excl. Japan	-18	-8.16%	-18.12%	-10.28%	-35.52% -22.41%	-47.82%
REZ	iShares Residential Real Estate Capped	Specialty-Real Estate	-19	-16.70%	-20.19%	-11.59%	-29.08% -19.97%	-29.76%
DFE	Wisdom Tree Europe SmCap Div.	Europe Stock	-19	-9.20%	-19.69%	-10.62%	-37.32% -23.83%	-40.97%
IYZ	Down Jones US Telecom	Commun. Equities	-19	-10.46%	-17.38%	-13.03%	-33.70% -20.22%	-40.28%
RWO	SPDR DJ Wilshire Global Real Estate	Global Real Estate	-19	-14.24%	-20.03%	-11.01%	-31.93% -21.10%	-31.95%
ZROZ	PIMCO 25 Yr Zero Coupon US Treas Idx Exchg-Tr	Government Bonds	-19	-7.40%	-14.23%	-15.68%	-39.74% -22.43%	-51.69%
SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	-19	-5.63%	-11.12%	2.52%	-61.06% -26.91%	-63.80%
EDV	Vanguard Extended Duration Treasury	Government Bonds	-19	-7.43%	-13.52%	-14.72%	-38.86% -21.70%	-52.01%
RWX	SPDR DJ Wil Intern. RE	Real Estate	-19	-11.28%	-19.87%	-11.83%	-32.16% -21.79%	-43.98%
IFGL	iShares FTSE EPRA/NAREIT Global Real Estate	Global Real Estate	-19	-11.51%	-20.25%	-12.53%	-33.12% -22.67%	-39.89%
IYR	Dow Jones US Real Estate	Real Estate	-20	-16.47%	-20.33%	-11.58%	-30.67% -19.27%	-30.67%
ICF	Cohen & Steers Realty	Real Estate	-20	-16.75%	-20.66%	-12.10%	-30.86% -19.64%	-58.24%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	-20	-6.72%	-11.19%	-0.96%	-61.10% -28.16%	-61.35%

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RSX	Market Vectors Russia	Emerging Markets Equi	-20	0.00%	0.00% 0.00%	-78.81% -38.50%	-83.05%
VNQ	Vanguard REIT Index	Real Estate	-20	-16.28%	-20.65% -12.09%	-31.60% -20.18%	-31.60%
RWR	Wilshire REIT Fund	Real Estate	-20	-15.82%	-20.28% -10.95%	-31.80% -21.02%	-31.80%
SCHB	Schwab U.S. Broad Market	All Cap Equities	-20	-6.65%	-11.17% -0.70%	-61.10% -28.04%	-61.34%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	-21	-6.59%	-13.15% -0.75%	-64.24% -29.35%	-64.89%
SCHH	Schwab U.S. REIT	Real Estate	-28	-16.17%	-20.34% -11.79%	-65.06% -35.24%	-65.06%
URE	ProShares Ultra Real Estate	Leveraged Real Estate	-36	-29.78%	-36.60% -22.30%	-53.46% -36.06%	-53.46%