

HV ETF Master List as of 04/27/2023

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
AGQ	ProShares Ultra Silver	Leveraged Commoditie	15	7.67%	39.44%	8.91%	3.53%	26.24%	-52.47%
RING	iShares MCSI Global Gold Miners Fund	Commodity Producers	12	3.88%	19.94%	5.60%	17.47%	20.32%	-28.92%
GDX	Mkt Vector Gold Miners	Specialty-Precious Met	12	4.09%	20.16%	6.72%	18.11%	20.29%	-23.98%
ITB	iShares DJ US Home Construction	Building and Constructi	11	8.91%	10.69%	1.72%	22.89%	19.87%	-10.32%
IYW	Dow Jones US Technology	Technology Equities	10	1.16%	10.09%	3.95%	23.92%	11.98%	-21.16%
EWQ	iShares France Index	Europe Stock	10	5.50%	7.93%	6.26%	19.99%	18.98%	-1.76%
MGK	Vanguard Mega Cap Growth	Large Cap Growth Equi	9	2.86%	9.93%	3.05%	20.05%	8.96%	-21.85%
EWL	iShares Switzerland Index	Europe Stock	9	6.44%	9.26%	5.61%	14.00%	12.34%	-9.85%
FEZ	SPDR Euro Stoxx 50	Europe Stock	9	3.93%	7.42%	4.80%	20.16%	19.23%	-5.78%
EZU	European Monetary Union Index	Europe Stock	8	3.65%	6.13%	2.98%	18.06%	16.94%	-9.57%
XLK	Technology Select *	Technology Equities	8	0.22%	8.76%	4.37%	19.91%	10.46%	-15.53%
SLV	iShares Silver Trust	Precious Metals	8	4.33%	18.97%	6.12%	3.95%	15.29%	-15.22%
EWP	iShares Spain Index	Europe Stock	8	3.62%	5.97%	4.63%	19.69%	18.31%	-20.14%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	8	2.40%	8.46%	2.42%	18.09%	8.19%	-60.67%
EWG	iShares Germany Index	Europe Stock	8	3.21%	6.94%	1.45%	18.44%	17.46%	-19.71%
QQQ	PowerShares QQQ Trust, Series 1	Large Growth	8	1.48%	9.11%	2.77%	20.31%	9.29%	-20.70%
EWI	iShares Italy Index	Europe Stock	8	4.77%	5.36%	4.05%	18.30%	18.29%	-7.54%
GDXJ	VanEck Vectors Junior Gold Miners	Commodity Producers	8	0.60%	15.94%	3.62%	12.43%	15.94%	-37.42%
VGT	Vanguard Info Technology	Technolgy Equities	7	0.28%	7.59%	2.89%	19.09%	9.56%	-18.39%
VGK	Vanguard European	Europe Equities	7	4.26%	5.42%	2.97%	14.32%	13.63%	-10.23%
DBJP	Deutsche X-Trackers MSCI Japan Hedged	Japan Equities	7	3.48%	4.34%	6.21%	13.15%	7.87%	0.00%
PPLT	ETFS Physical Platinum Shares	Precious Metals	7	9.65%	12.25%	5.65%	0.73%	11.64%	-16.27%
EWD	iShares Sweden Index	Europe Stock	7	5.64%	5.37%	1.03%	14.75%	13.23%	-24.88%
IHDG	WisdomTree International Hedged Dividend Growt	Foreign Large Cap Equ	7	3.67%	5.26%	4.58%	13.47%	5.41%	-12.94%
VOX	Vanguard Telecom Serv's	Communication Equitie	7	3.75%	7.92%	-2.91%	19.47%	8.40%	-34.78%
HEDJ	WisdomTree Europe Hedged Equity	Europe Equities	7	1.48%	1.92%	4.65%	18.38%	13.33%	-1.18%
DXJ	Wisdom Tree Japan Hedged Equity	Japan Stock	7	3.90%	2.76%	7.24%	13.13%	8.76%	-0.45%
HEWJ	iShares Currency Hedged MSCI Japan	Japan Equities	7	3.86%	4.52%	6.29%	13.11%	-10.04%	-29.11%
IEV	S&P Europe 350 Index	Europe Stock	7	4.35%	6.22%	3.72%	14.99%	14.46%	-6.60%
EWW	iShares Mexico Index	Latin America Stock	7	0.44%	1.79%	3.82%	20.95%	14.30%	-1.03%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equ	7	3.02%	7.82%	3.13%	14.42%	12.35%	-15.89%
VUG	Vanguard Growth	Large Cap Growth	7	2.07%	7.66%	1.16%	17.36%	7.36%	-23.20%
IWF	Russell 1000 Growth	Large Growth	6	1.90%	6.63%	1.30%	14.36%	6.58%	-20.84%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equ	6	3.50%	5.43%	2.16%	12.20%	11.74%	-10.33%
HEWG	iShares Currency Hedged MSCI Germany	Europe Equities	6	2.41%	3.29%	1.22%	16.33%	12.69%	-7.67%
HEZU	iShares Currency Hedged MSCI Eurozone	Europe Equities	6	2.75%	2.42%	2.55%	15.73%	3.65%	-17.44%
RWM	ProShares Short Russell2000	Inverse Equities	6	1.31%	8.22%	14.11%	0.57%	3.54%	-60.80%
EWU	iShares United Kingdom Index	Europe Stock	6	4.49%	3.82%	4.23%	10.05%	10.27%	-10.93%
IHI	iShares DJ US Medical Devices	Health & Biotech Equiti	5	5.74%	6.95%	0.23%	6.89%	7.41%	-84.87%
XLP	Consumer Staples Select *	Consumer Staples	5	3.94%	6.28%	4.53%	3.33%	5.06%	-4.39%
SCHF	Schwab International Equity	Foreign Large Cap Equ	5	3.20%	4.74%	1.02%	11.05%	9.55%	-12.41%

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IGV	iShares North American Tech-Software	Technology Equities	5	-0.65%	4.22%	-0.63%	15.45%	7.03%	-33.85%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equ	5	3.40%	5.05%	1.62%	11.62%	11.14%	-12.02%
DWX	SPDR S&P International Dividend	Foreign Large Cap Equ	5	3.35%	5.07%	1.29%	9.68%	8.00%	-17.39%
IAU	iShares Gold Trust	Precious Metals	5	0.32%	8.21%	3.94%	8.96%	9.91%	-4.39%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equ	5	3.25%	2.83%	3.32%	11.81%	-0.12%	-16.90%
SPYG	S&P 500 Growth	Large Cap Growth	5	2.11%	5.77%	1.72%	9.93%	3.42%	-24.20%
DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreign Large Cap Equ	5	3.24%	2.80%	3.45%	11.79%	2.62%	-9.79%
DBEU	Deutsche X-Trackers MSCI Europe Hedged	Europe Equities	5	3.35%	2.20%	3.29%	12.60%	10.03%	-0.29%
GLD	SPDR Gold Shares	Precious Metals	5	0.31%	8.26%	3.85%	8.91%	9.85%	-4.71%
XHB	SPDR Series Trust SPDR Home Builders	Building & Construction	5	5.70%	3.66%	-3.29%	15.87%	10.98%	-18.99%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	5	3.09%	4.11%	0.41%	10.44%	9.27%	-13.25%
IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	5	2.00%	5.26%	1.32%	9.52%	3.28%	-23.80%
JXI	iShares S&P Global Utilities	Utilities Equities	5	3.87%	9.08%	3.19%	3.84%	4.28%	-7.42%
VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	5	2.09%	5.77%	1.68%	9.90%	3.39%	-24.23%
IVW	S&P 500/BARRA Growth	Large Growth	5	2.08%	5.78%	1.68%	9.88%	3.39%	-24.21%
HDGE	Ranger Equity Bear	Inverse Equities	4	-0.04%	7.70%	19.23%	-8.97%	-3.31%	-76.70%
EWJ	iShares Japan Index	Japan Stock	4	2.29%	5.74%	0.99%	8.95%	8.02%	-19.98%
ACWX	iShares MSCI ACWI ex US	Global Equities	4	2.06%	3.46%	-0.54%	9.03%	7.98%	-16.11%
SPHQ	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	4	1.73%	4.43%	1.25%	8.23%	6.17%	-11.36%
DBA	PowerShares DB Agriculture Fd	Agriculture Commoditie	4	3.30%	3.86%	4.02%	4.12%	4.19%	-8.62%
IYK	Dow Jones US Cons. Goods	Consumer Staples Equi	4	3.98%	5.96%	4.61%	1.54%	4.26%	-3.51%
VDC	Vanguard Consumer Staples	Consumer Staples Equi	4	3.78%	5.87%	4.11%	4.09%	5.26%	-4.28%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equ	4	3.89%	2.78%	0.96%	9.48%	10.55%	-15.68%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	4	2.13%	4.45%	-1.06%	9.56%	6.13%	-14.65%
SIL	Global X Silver Miners	Commodity Producers	4	-2.14%	10.89%	-0.20%	6.96%	10.00%	-43.78%
ACVV	iShares Edge MSCI Min Vol Global	Global Equities	4	3.20%	5.93%	2.48%	4.45%	4.26%	-8.34%
RHS	Guggenheim S&P 500 = Wt. Consum Staples	Consumer Staples	4	3.87%	5.11%	3.87%	2.90%	4.32%	-2.91%
IXUS	iShares Core MSCI Total International Stock	Global Equities	3	2.02%	3.24%	-0.72%	8.88%	7.80%	-16.56%
XLY	Consumer Discretionary Sec.*	Consumer Discretionar	3	1.26%	2.97%	-5.56%	14.18%	0.78%	-30.24%
IVV	S&P 500	Large Blend	3	2.18%	3.64%	-1.06%	7.81%	4.21%	-13.67%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equ	3	3.21%	1.62%	-0.20%	9.05%	9.19%	-10.08%
VT	Vanguard Total World Stock Index	Global Equities	3	1.89%	2.62%	-1.80%	7.73%	4.89%	-15.00%
EWN	iShares Netherlands Index	Europe Stock	3	0.14%	2.45%	-2.99%	13.35%	11.46%	-21.51%
IXJ	S&P Global Healthcare	Health & Biotech Equiti	3	3.99%	6.35%	2.37%	1.25%	4.17%	-30.16%
DFE	Wisdom Tree Europe SmCap Div.	Europe Stock	3	3.19%	0.33%	-1.52%	10.00%	9.23%	-23.92%
EWK	iShares Belgium Index	Europe Stock	3	1.69%	3.50%	0.73%	7.14%	10.66%	-17.28%
IYC	iShares US Consumer Services	Consumer Discretionar	3	1.36%	2.17%	-5.33%	12.48%	2.75%	-76.87%
VV	Vanguard LargeCap	Large Cap Blend	3	2.02%	3.52%	-1.22%	7.94%	4.08%	-15.21%
VXUS	Vanguard Total International Stock	Global Equities	3	2.02%	3.03%	-0.83%	8.53%	7.13%	-16.84%
IWB	Russell 1000 Index	Large Blend	3	1.90%	2.81%	-1.92%	7.41%	3.67%	-15.03%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	3	1.95%	3.03%	-1.68%	7.60%	3.82%	-57.60%
ACWI	iShares MSCI ACWI	Global Equities	3	1.98%	3.55%	-0.95%	8.45%	5.57%	-14.16%
VOO	Vanguard S&P 500	Large Cap Blend Equiti	3	2.14%	3.64%	-1.08%	7.82%	4.17%	-13.76%
FXB	CurrencyShares British Pound	Currency	3	0.83%	4.68%	2.21%	3.52%	4.89%	-17.34%

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SPY	SPDR S&P 500	Large Cap Blend	3	2.16%	3.67%	-1.05%	7.84%	4.26%	-13.67%
GSLC	Goldman Sachs ActiveBeta U.S. Large CaP	Large Cap Blend Equiti	3	2.02%	3.12%	-1.19%	7.30%	3.89%	-14.57%
VCR	Vanguard Consumer Discretionary	Consumer Discretionar	3	1.51%	2.44%	-5.67%	14.20%	1.76%	-29.67%
VEU	Vanguard FTSE All-Word ex-US	Global Equities	3	2.01%	2.99%	-0.91%	8.46%	7.12%	-16.70%
USMV	iShares Edge MSCI Min Vol USA	All Cap Equities	2	2.00%	3.53%	-0.23%	1.78%	2.00%	-9.45%
IEI	iShares Lehman 3-7 Yr. Treasury	Government Bonds	2	0.45%	3.61%	-0.03%	2.43%	1.18%	-12.24%
PIN	PowerShares India Portfolio	Emerging Markets Equi	2	3.66%	1.63%	1.00%	-0.28%	-7.60%	-59.78%
VTI	Total Stock Market VIPERs	All Cap Equities	2	1.72%	2.10%	-2.61%	6.97%	3.13%	-15.82%
EDV	Vanguard Extended Duration Treasury	Government Bonds	2	-0.46%	5.49%	-5.11%	6.48%	-1.07%	-50.55%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	2	1.39%	3.11%	-2.41%	6.18%	5.22%	-20.23%
ILF	iShares S&P 40 Latin America	Latin America Stock	2	1.25%	1.80%	-2.68%	6.16%	-0.64%	-38.48%
BLV	Vanguard Long Term Bond	Long-Term Bond	2	0.38%	5.18%	-3.36%	4.87%	0.77%	-35.36%
INDA	iShares MSCI India	Emerging Markets Equi	2	4.92%	3.56%	1.39%	-2.37%	-1.94%	-19.75%
IEF	iShares Lehman 7-10 Yr Treasury	Government Bonds	2	0.42%	4.85%	-0.68%	3.35%	0.85%	-19.56%
ITOT	iShares Core S&P Total U.S. Stock Market	All Cap Equities	2	1.67%	2.02%	-2.64%	6.95%	3.14%	-15.74%
XLU	Utilities Select Sector *	Utilities Equities	2	2.80%	6.05%	-0.40%	-2.01%	-0.87%	-11.57%
VGIT	Vanguard Intermediate-Term Gov Bonds	Government Bonds	2	0.39%	3.85%	-0.23%	2.50%	0.99%	-15.40%
EWC	iShares Canada Index	Foreign Large Cap Equi	2	2.86%	1.37%	-2.46%	6.48%	2.62%	-14.29%
VIG	Vanguard Div. Appreciation	Large Cap Value Equiti	2	2.70%	2.50%	-1.35%	2.86%	3.27%	-9.30%
FXG	1st Trust Consumer Staples	Consumer Staples Equi	2	3.20%	3.23%	0.91%	1.18%	1.86%	-6.49%
BIV	Vanguard Intermed. Term Bond	Intermediate-Term Bon	2	0.37%	4.10%	-0.93%	3.05%	1.21%	-18.84%
FXE	CurrencyShares Euro Currency Trust	Currency	2	1.08%	4.14%	1.14%	3.08%	6.02%	-15.46%
BAB	PowerShares Build America Bond Portfolio	National Munis	2	0.34%	3.36%	-1.58%	4.24%	1.29%	-22.63%
INDY	iShares S&P India Nifty 50 Index Fund	Emerging Markets Equi	2	4.35%	3.01%	1.68%	0.38%	-1.33%	-20.88%
SCHR	Schwab Intermediate-Term U.S. Treasury	Government Bonds	2	0.32%	3.79%	-0.34%	2.36%	0.83%	-14.54%
IWV	Russell 3000 Index	All Cap Equities	2	1.76%	2.20%	-2.54%	6.96%	3.18%	-15.43%
SCHB	Schwab U.S. Broad Market	All Cap Equities	2	1.78%	2.15%	-2.56%	7.05%	3.29%	-57.81%
DIA	SPDR Dow Jones Industrial Average	Large Cap Value	2	2.96%	2.35%	-0.66%	2.07%	3.35%	-8.07%
TLH	iShares Lehman 10-20 Yr Treasury	Government Bonds	2	0.05%	5.83%	-2.42%	4.60%	0.62%	-34.34%
TIP	iShares TIPS Bond Fd	Inflation-Protected Bon	2	0.32%	2.99%	0.75%	3.39%	0.91%	-15.90%
SCHP	Schwab U.S. TIPS	Inflation-Protected Bon	2	0.26%	2.89%	0.68%	3.28%	0.33%	-16.28%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	2	1.52%	1.43%	-2.55%	8.17%	6.22%	-22.78%
TLT	iShares 20+ Treas. Bd	Government Bonds	2	-0.03%	5.32%	-3.28%	5.23%	-0.34%	-38.93%
IDU	Dow Jones US Utilities	Utilities Equities	2	2.51%	5.90%	-0.14%	-1.65%	-0.84%	-51.93%
VSS	Vanguard FTSE All-Wld ex-US SmCP Idx	Foreign Small & Mid Ca	2	1.63%	1.14%	-2.62%	7.49%	5.12%	-22.19%
SPLV	PowerShares S&P 500 Low Volat.	Large Cap Blend	2	3.05%	3.59%	0.09%	-0.20%	1.64%	-8.14%
SMH	VanEch Vectors Semiconductor	Technology Equities	2	-6.96%	0.62%	-4.11%	19.83%	8.65%	-23.18%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	2	2.28%	2.04%	-2.56%	7.35%	7.31%	-23.33%
SHY	iShares Lehman 1-3 Year Treasury	Government Bonds	1	0.04%	1.71%	0.35%	1.13%	0.58%	-5.43%
LQD	iShares iBoxx \$ Liquid Invest. Gr.	Corporate Bonds	1	0.41%	3.91%	-2.44%	3.46%	1.31%	-21.61%
GOVT	iShares Core U.S. Treasury Bond	Government Bonds	1	0.17%	3.46%	-0.43%	2.60%	0.80%	-17.63%
DEM	WisdomTree Emerg. Mkts Hi-Yld E.	Emerging Mkts Equities	1	0.24%	0.42%	-1.88%	6.71%	4.29%	-24.36%
FLTB	Fidelity Limited Term Bond	Corporate Bonds	1	0.41%	1.68%	-0.37%	1.19%	0.64%	-8.21%
VHT	Vanguard Health Care	Health & Biotech Equiti	1	3.32%	3.15%	-1.29%	-1.82%	0.93%	-8.96%

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IVE	S&P 500/BARRA Value	Large Value	1	2.20%	1.35%	-4.03%	5.49%	4.55%	-4.03%
VGSH	Vanguard Short-Term Government	Government Bonds	1	0.02%	1.70%	0.36%	1.11%	0.61%	-6.22%
VPU	Vanguard Utilities VIPERS	Utilities Equities	1	2.45%	5.32%	-1.25%	-2.22%	-1.23%	-11.49%
ZROZ	PIMCO 25 Yr Zero Coupon US Treas Idx Exchg-Tr	Government Bonds	1	-0.77%	4.97%	-5.74%	6.28%	-2.22%	-51.15%
IYH	Dow Jones US Healthcare	Specialty-Health	1	3.31%	3.78%	-0.45%	-1.77%	1.55%	-7.68%
SCHZ	Schwab US Aggregate Bond	Total Bond Market	1	0.24%	3.24%	-1.35%	2.52%	0.71%	-17.78%
SCHO	Schwab Short-Term U.S. Treasury	Government Bonds	1	-0.06%	1.61%	0.21%	0.93%	0.41%	-5.88%
VCLT	Vanguard Long-Term Corporate Bond	Corporate Bonds	1	0.51%	4.69%	-4.06%	4.48%	1.09%	-29.98%
BOND	PIMCO Total Return Active Exchange-Traded	Total Bond Market	1	0.29%	2.50%	-1.67%	2.41%	0.54%	-18.13%
PZA	Pshares Insured National Munis	National Munis	1	-0.08%	2.87%	-1.95%	2.96%	1.72%	-14.17%
BNDX	Vanguard Total International Bond	Total Bond Market	1	-0.47%	2.19%	-1.08%	2.38%	-0.18%	-18.00%
FXU	1st Trust Utilities AlphaDEX	Utilities Equities	1	2.75%	4.55%	-1.62%	0.27%	0.55%	-7.76%
BND	Vanguard Total Bond Market	Intermediate-Term Bon	1	0.30%	3.28%	-1.21%	2.55%	0.79%	-17.67%
XLV	Health Care Select SPDR *	Health & Biotech Equiti	1	3.36%	3.65%	-0.51%	-2.54%	0.99%	-7.30%
BSV	Vanguard Short Term Bond	Total Bond Market	1	0.29%	2.20%	0.22%	1.61%	1.00%	-8.18%
ECH	iShares Chile Index	Latin America	1	-1.08%	4.51%	-5.03%	5.17%	5.35%	-49.28%
TOTL	SPDR DoubleLine Total Return Tactical	Total Bond Market	1	0.17%	2.35%	-1.78%	2.10%	-0.02%	-18.81%
VCIT	Vanguard Intermediate-Term Corporate Bond	Corporate Bonds	1	0.38%	3.55%	-1.70%	3.17%	1.49%	-17.70%
GVI	iShares Lehman Intern. Govt/Credit	Total Bond Market	1	0.27%	2.74%	-0.27%	1.99%	0.95%	-11.70%
PEZ	PowerShares Consumer Cyclical	All Cap Equities	1	0.99%	-1.29%	-4.07%	6.61%	3.09%	-33.24%
VCSH	Vanguard Short-Term Corporate Bond	Corporate Bonds	1	0.43%	1.71%	-0.42%	1.41%	0.90%	-8.41%
EWS	iShares Singapore Index	Pacific Asia/excl. Japan	1	-0.40%	3.78%	-3.19%	5.00%	4.92%	-29.94%
NOBL	ProShares S&P 500 Dividend Aristocrats	Large Cap Value Equiti	1	2.82%	1.35%	-2.17%	2.64%	2.80%	-6.41%
BWX	SPDR Lehman Intl Treasury Bond	World Gov Bond	1	-0.61%	4.46%	-2.96%	2.32%	2.47%	-27.03%
AGG	iShares Lehman Aggregate Bond	Intermediate-Term Bon	1	0.29%	3.25%	-1.33%	2.54%	0.75%	-16.87%
VTIP	Vanguard Short-Term Inflation-Protected Securities	Inflation-Protected Bon	1	0.27%	1.90%	1.25%	2.33%	-0.28%	-9.47%
IDV	iShares International Select Dividend	Foreign Large Cap Equ	0	1.89%	-0.53%	-3.57%	3.39%	4.85%	-21.74%
FTSM	First Trust Enhanced Short Maturity	Total Bond Market	0	0.03%	0.44%	0.39%	0.47%	0.40%	-0.83%
HYG	iShares Lehman Hi-Yield Corp.	High Yield Bond	0	0.40%	1.46%	-2.80%	1.91%	0.35%	-15.66%
EWY	iShares S. Korea Index	Pacific Asia/excl. Japan	0	-0.25%	1.97%	-7.02%	7.17%	4.40%	-37.09%
FLOT	iShares Floating Rate Bond	Corporate Bonds	0	0.44%	-0.04%	0.26%	0.58%	0.56%	-0.92%
MUB	iShares S&P National Muni Bond	National Munis	0	-0.72%	1.63%	-1.55%	1.22%	0.89%	-9.44%
HYS	PIMCO 0-5 Year High Yield Corp Bond	High Yield Bonds	0	0.21%	0.77%	-1.83%	1.67%	0.46%	-10.97%
DGRO	iShares Core Dividend Growth	Large Cap Value Equiti	0	2.06%	0.82%	-2.61%	0.88%	1.42%	-10.02%
PHB	PowerShares High Yield Corp Bond	High Yield Bonds	0	0.58%	1.63%	-1.97%	1.75%	0.98%	-11.44%
BKLN	PowerShares Exchange-Traded Fund Trust	High Yield Bonds	0	0.43%	-0.43%	-1.42%	1.75%	0.08%	-10.80%
FNDX	Schwab Fundamental U.S. Large Company Index	Large Cap Value Equiti	0	1.75%	0.05%	-4.08%	3.27%	2.18%	-7.86%
IXC	S&P Global Energy	Energy Equities	0	2.66%	-1.45%	-0.08%	-0.90%	1.14%	-9.30%
PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	0	-0.61%	-0.83%	-3.31%	4.84%	0.88%	-26.20%
MTUM	iShares Edge MSCI USA Momentum Factors	All Cap Equities	0	2.50%	0.55%	0.09%	-3.11%	-0.90%	-27.02%
SJNK	SPDR Barclays Short Term High Yield Bond	High Yield Bonds	0	0.16%	0.78%	-1.99%	1.69%	0.32%	-12.40%
SHYG	iShares 0-5 Year High Yield Corporate Bond	High Yield Bonds	0	0.24%	0.78%	-1.87%	1.27%	0.30%	-13.78%
JNK	Barclays Cap. High Yield Bond	High Yield Bond	0	0.43%	1.61%	-2.64%	2.37%	0.34%	-71.64%
EWZ	iShares Brazil Index	Latin America Stock	0	1.19%	3.47%	-4.96%	0.11%	-5.11%	-42.16%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
IHE	iShares DJ US Pharmaceuticals	Health & Biotech Equiti	0	3.48%	1.69%	-3.19%	-3.32%	-0.67%	-10.84%
EWT	iShares Taiwan Index	Pacific Asia/excl. Japan	0	-3.68%	-1.69%	-4.88%	8.69%	-4.50%	-35.59%
RSX	Market Vectors Russia	Emerging Markets Equi	0	0.00%	0.00%	0.00%	-0.53%	-0.33%	-83.14%
RWX	SPDR DJ Wil Intern. RE	Real Estate	0	3.51%	1.19%	-7.05%	1.42%	1.10%	-37.02%
VWOB	Vanguard Emerging Markets Gov Bonds	Emerging Markets Bon	0	-0.39%	1.72%	-4.26%	1.07%	0.57%	-25.99%
SOXX	iShares PHLX SOX Semiconductor Sector Index	Technology Equities	0	-8.39%	-2.03%	-6.84%	16.34%	5.77%	-27.14%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	-1	-1.47%	-0.66%	-6.46%	2.72%	0.90%	-32.83%
VNQI	Vanguard Global ex-U.S. Real Estate	Global Real Estate	-1	3.08%	0.75%	-7.25%	1.23%	0.36%	-35.75%
FXD	First Trust Cons. Discret. AlphaDEX	Consumer Discretionar	-1	1.70%	-3.32%	-9.40%	7.08%	3.30%	-21.34%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equi	-1	-1.06%	-0.41%	-5.64%	3.51%	1.63%	-30.41%
FXH	1st Trust Health Care AlphaDEX	Health & Biotech Equiti	-1	2.09%	0.27%	-5.33%	-0.56%	1.36%	-15.60%
FXI	CurrencyShares Japanese Yen Trust	Currency	-1	-0.97%	2.02%	-3.91%	-2.18%	1.77%	-28.07%
XPH	SPDR Pharmaceuticals	Health & Biotech Equiti	-1	2.53%	-1.98%	-5.83%	1.76%	-0.91%	-25.60%
DOG	ProShares Short Dow 30	Bear Market	-1	-2.37%	-2.20%	1.07%	-1.23%	-3.08%	-63.19%
UUP	PowerShares DB US Dollar Bullish	Currency	-1	-0.25%	-2.50%	1.02%	-0.36%	-3.10%	-9.65%
VTV	Vanguard Value	Large Cap Value	-1	1.98%	-0.59%	-3.70%	-0.74%	0.67%	-7.61%
EZA	iShares South Africa Index	Emerging Markets Equi	-1	0.47%	2.58%	-7.86%	1.16%	2.45%	-43.54%
IBB	Nasdaq Biotechnology	Health & Biotech Equiti	-1	1.55%	0.65%	-5.81%	-1.59%	0.17%	-62.09%
HDV	iShares Core High Dividend	Large Cap Value Equiti	-1	1.27%	0.70%	-2.91%	-2.20%	-0.42%	-7.25%
PJP	Dynamic Pharmaceuticals	Health & Biotech Equiti	-1	2.32%	0.01%	-2.07%	-2.30%	0.50%	-8.08%
SCHV	Schwab U.S. Large-Cap Value	Large Cap Value Equiti	-1	1.50%	-1.51%	-5.17%	-0.45%	0.06%	-11.42%
REZ	iShares Residential Real Estate Capped	Specialty-Real Estate	-1	2.97%	-1.75%	-8.28%	4.42%	-3.39%	-28.05%
EMB	iShares Emerging Markets Bond	Emerging Market Bond	-1	-0.43%	1.63%	-4.68%	0.91%	0.48%	-27.64%
IWD	Russell 1000 Value	Large Value	-1	1.84%	-0.93%	-5.20%	1.00%	0.70%	-10.18%
IFGL	iShares FTSE EPRA/NAREIT Global Real Estate	Global Real Estate	-1	2.95%	0.28%	-8.00%	1.04%	0.45%	-32.89%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	-1	0.75%	0.00%	-6.28%	2.94%	3.24%	-18.38%
ITA	iShares DJ US Aerospace&Defense	Industrials Equities	-1	-0.73%	-3.02%	-0.51%	1.51%	4.69%	-52.65%
EWA	iShares Australia Index	Asia Pacific Equities	-1	1.18%	0.09%	-7.30%	4.00%	2.80%	-15.56%
VWO	Vanguard Emerging Markets	Emerging Markets Equi	-1	-1.28%	-0.97%	-5.57%	2.62%	0.48%	-29.19%
PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	-1	1.69%	-1.04%	-4.85%	1.41%	0.83%	-10.34%
IWP	Russell MidCap Growth	Mid-Cap Growth	-1	-0.43%	-2.23%	-5.85%	6.39%	2.12%	-27.86%
IJK	S&P MidCap 400/BARRA Growth	Mid-Cap Growth	-1	0.44%	-3.59%	-5.48%	3.48%	0.75%	-72.50%
PCY	PowerShares Emerging Markets Sovereign Debt P	Emerging Markets Bon	-1	-0.05%	1.12%	-5.84%	1.87%	1.27%	-38.55%
IHF	iShares DJ US Healthcare Provid's	Health & Biotech Equiti	-1	4.34%	0.38%	-2.71%	-4.41%	-3.32%	-13.52%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	-2	-2.38%	-1.47%	-7.23%	2.44%	1.38%	-34.98%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equi	-2	-1.29%	0.60%	-5.23%	-1.18%	-2.01%	-30.78%
IYJ	Dow Jones US Industrial	Industrial Equities	-2	-0.15%	-2.66%	-5.43%	2.22%	1.90%	-48.90%
EWK	iShares Hong Kong Index	China Equities	-2	0.34%	-1.94%	-5.90%	-1.38%	2.12%	-26.26%
VOT	Vanguard Mid-Cap Growth	Mid-Cap Growth	-2	-1.31%	-2.88%	-7.17%	5.15%	0.50%	-28.89%
VBK	Vanguard SmallCap Growth	Small Cap Growth	-2	-0.04%	-3.95%	-9.28%	5.64%	-0.25%	-30.72%
BBH	VanEck Vectors Biotech	Health & Biotech	-2	-1.04%	-0.13%	-6.05%	-0.96%	-0.03%	-28.33%
VRP	PowerShares Variable Rate Preferred Portfolio	Preferred Stock	-2	1.14%	-4.10%	-6.28%	-0.67%	-1.73%	-15.98%
VIS	Vanguard Industrials	industrials Equities	-2	-0.61%	-4.10%	-5.03%	2.27%	2.16%	-9.98%
CWB	SPDR Barclays Convertible Securities	Convertible Bonds	-2	-0.84%	-2.16%	-5.36%	2.28%	-1.06%	-28.62%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
VO	Vanguard Mid-Cap	Mid-Cap Blend	-2	0.05%	-3.70%	-8.16%	1.83%	-0.75%	-20.55%
IWR	Russell MidCap Index Fs	Mid-Cap Blend	-2	0.23%	-4.00%	-8.21%	2.12%	-0.45%	-69.26%
VYM	Vanguard High Div. Yield Index	Large Cap Value	-2	1.48%	-1.33%	-4.44%	-2.13%	-0.51%	-7.91%
EPHE	iShares MSCI Philippines	Emerging Markets Equi	-2	-2.40%	0.34%	-8.50%	2.33%	2.42%	-33.65%
PGX	PowerShares Preferred Portfolio	Preferred Stock/Conver	-2	1.05%	-4.14%	-9.40%	3.49%	-3.32%	-25.21%
PGF	PowerShares Fin. Preferred Portf.	Specialty-Financial	-2	2.13%	-3.95%	-8.57%	2.99%	-2.49%	-24.07%
PFF	iShares S&P Preferred Stock	Preferred Stock/Conver	-2	0.78%	-3.23%	-7.78%	2.13%	-2.78%	-22.59%
XLI	Industrial Select Sector *	Industrial Equities	-2	-0.82%	-3.43%	-4.21%	0.85%	2.12%	-7.54%
RSP	Guggenheim S&P Equal Weight	Large Blend	-2	0.72%	-2.66%	-7.36%	1.63%	0.30%	-12.58%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equi	-2	-1.62%	-1.22%	-5.94%	2.32%	-0.05%	-30.06%
SDY	SPDR Dividend ETF	Large Value	-2	1.78%	-1.45%	-6.06%	-0.75%	-0.27%	-6.17%
XLB	Materials Select Sector *	Materials	-2	0.31%	-4.54%	-6.26%	2.50%	1.66%	-12.13%
TBF	ProShares Short 20+Year Treasury	Inverse Bonds	-2	0.14%	-5.79%	2.87%	-5.34%	-0.83%	-12.97%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	-2	0.89%	-2.99%	-3.95%	-0.69%	-3.22%	-31.86%
XLE	Energy Select Sector *	Energy Equities	-2	1.91%	-2.63%	-2.69%	-4.16%	-0.36%	-10.89%
FDL	1st Trust Morningstar Div. Lead's	Large Cap Value	-3	0.94%	-2.93%	-6.73%	-2.95%	-1.95%	-9.44%
FEX	First Trust Large Cap Core AlphaDEX	Large Cap Blend Equity	-3	0.35%	-3.77%	-7.83%	-0.50%	-1.34%	-14.31%
ASHR	Deutsche X-Trackers China A-Shares	China Equities	-3	-2.37%	-3.89%	-7.20%	3.10%	-0.42%	-37.74%
DVY	iShares Select Dividend Index	Large Cap Value	-3	0.67%	-3.46%	-7.60%	-3.18%	-2.56%	-11.63%
FBT	1st Trust Biotechnolgy Index	Health & Biotech Equiti	-3	-0.82%	-2.74%	-8.34%	-1.65%	1.05%	-17.99%
DBC	PowerShares DB Commodity Index	Commodities	-3	-0.77%	-3.07%	-3.63%	-5.31%	-5.50%	-23.55%
SH	Short S&P 500 ProShares ETF	Inverse Equities	-3	-1.64%	-3.79%	1.29%	-6.67%	-4.20%	-64.08%
KIE	SPDR S&P Insurance	Specialty-Financial	-3	2.77%	-6.65%	-6.95%	-2.25%	-0.56%	-57.34%
RWO	SPDR DJ Wilshire Global Real Estate	Global Real Estate	-3	1.93%	-2.66%	-10.42%	0.93%	-2.47%	-27.00%
RWR	Wilshire REIT Fund	Real Estate	-3	1.46%	-4.07%	-11.37%	1.11%	-3.68%	-27.87%
IYR	Dow Jones US Real Estate	Real Estate	-3	1.83%	-2.57%	-11.10%	0.57%	-3.76%	-27.10%
IYM	Dow Jones US Basic Mat's	Materials	-3	-0.83%	-6.17%	-7.44%	3.90%	2.32%	-15.83%
IYE	Dow Jones US Energy	Specialty-Natural Res.	-3	1.17%	-3.71%	-3.83%	-5.53%	-2.48%	-13.03%
IWO	Russell 2000 Growth	Small Growth	-3	-0.17%	-5.34%	-9.32%	3.57%	-1.31%	-34.00%
SCHH	Schwab U.S. REIT	Real Estate	-3	1.31%	-3.21%	-11.29%	0.16%	-4.06%	-63.33%
SCHM	Schwab U.S. Mid Cap	Mid Cap Blend Equities	-3	0.06%	-5.48%	-9.74%	1.66%	-1.17%	-20.01%
MDY	MidCap Trust Series I	Mid-Cap Blend	-3	0.01%	-5.90%	-9.39%	1.73%	-0.43%	-15.17%
SDOG	ALPS Sector Dividend Dogs	Large Cap Value Equiti	-3	0.97%	-3.01%	-9.72%	-1.01%	-0.93%	-11.37%
PKW	PowerShares Buyback Achievers	All Cap Equities	-3	1.74%	-3.71%	-7.89%	-0.43%	0.29%	-13.17%
GNR	SPDR S&P Global Natural Resources	Commodity Producers	-3	-0.72%	-4.78%	-6.58%	-1.09%	-0.01%	-13.60%
IJH	S&P MidCap 400	Mid-Cap Blend	-3	0.00%	-5.97%	-9.52%	1.64%	-0.58%	-15.38%
IGE	iShares North American Natural Resources	Commodity Producers	-3	0.90%	-3.68%	-5.04%	-3.54%	-1.62%	-13.67%
ICF	Cohen & Steers Realty	Real Estate	-3	1.51%	-2.15%	-11.00%	0.47%	-3.98%	-56.26%
GUNR	FlexShares Global Upstream Natural Resources	Commodity Producers	-3	0.19%	-3.58%	-6.23%	-2.74%	-0.52%	-13.59%
VDE	Vanguard Energy VIPERS	Energy Equities	-3	1.33%	-4.21%	-3.88%	-5.12%	-1.96%	-12.75%
VAW	Vanguard Materials VIPERS	Materials	-3	-0.42%	-5.67%	-7.53%	2.49%	1.34%	-12.56%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	-3	1.23%	-4.53%	-9.09%	-1.11%	-1.90%	-12.69%
XMLV	PowerShares S&P MidCap Low Volatility Portfolio	Mid Cap Blend Equities	-4	0.54%	-5.45%	-8.62%	-2.71%	-2.22%	-11.10%
MOO	VanEck Vectors Agribusiness	Commodity Producers	-4	-1.36%	-5.62%	-7.27%	-1.12%	-3.87%	-21.65%

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VXF	Vanguard Extended Markets VIPERs	Mid Cap Blend	-4	-0.97%	-6.48%	-11.06%	2.44%	-2.50%	-31.95%
DON	Wisdom Tree MidCap Div.	Mid-Cap Value	-4	0.52%	-6.37%	-10.68%	-1.43%	-2.94%	-60.04%
VNQ	Vanguard REIT Index	Real Estate	-4	1.22%	-3.90%	-12.18%	-0.23%	-4.96%	-29.07%
VLUE	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	-4	-1.20%	-4.31%	-9.23%	-0.87%	-2.77%	-21.38%
SPHD	PowerShares S&P 500 HiDivLowVol	Large Cap Value	-4	0.79%	-2.83%	-9.00%	-4.27%	-3.44%	-14.78%
DHS	Wisdom Tree High-Yield Equity	Large Cap Value	-4	0.22%	-4.36%	-8.58%	-5.28%	-3.53%	-10.60%
SCHD	Schwab US Dividend Equity	All Cap Equities	-4	-0.66%	-3.97%	-7.96%	-4.92%	-3.15%	-12.35%
VB	Vanguard SmallCap	Small Cap Blend	-4	-0.20%	-6.73%	-11.15%	1.06%	-2.29%	-22.51%
TBT	ProShares UltraShort Lehman 20 Yr Treas	Leveraged Bonds	-4	-0.17%	-11.27%	5.12%	-11.57%	-3.52%	-32.63%
DJP	Bloomberg Commodity Index	Commodities	-4	-0.67%	-3.10%	-5.14%	-8.10%	-7.57%	-24.81%
IWS	Russell MidCap Value	Mid-Cap Value	-4	0.59%	-5.04%	-9.53%	-0.18%	-1.86%	-14.92%
PEY	PowerShares Hi Yields Div. Achiev's	Mid-Cap Value	-4	0.56%	-3.27%	-9.05%	-4.35%	-3.59%	-11.97%
GSG	iShares GSCI Commodity Index	Commodities.	-4	-1.21%	-4.48%	-4.10%	-7.54%	-7.15%	-25.47%
FTGC	First Trust Global Tactical Commodity Strategy	Commodities	-4	-1.08%	-3.98%	-5.05%	-6.41%	-9.22%	-27.15%
EWM	iShares Malaysia Index	Emerging Markets Equi	-4	-1.35%	0.00%	-8.50%	-4.33%	-1.19%	-40.09%
THD	iShares Thailand Capped Invest Mrkt Idx	Emerging Markets Equi	-5	-3.12%	-1.48%	-10.78%	-5.56%	-1.17%	-30.20%
IWM	Russell 2000	Small Blend	-5	-0.86%	-8.04%	-12.42%	-0.39%	-4.34%	-28.40%
SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	-5	-0.78%	-7.59%	-12.01%	0.69%	-2.95%	-62.97%
IYT	Dow Jones Transportation	Transportation Equities	-5	-2.62%	-7.67%	-11.13%	2.02%	-2.85%	-22.18%
IYF	Dow Jones US Financial Sector	Specialty-Financial	-5	2.73%	-7.80%	-11.09%	-4.17%	-3.96%	-49.57%
XBI	SPDR Series Trust SPDR S&P Biotech	Health & Biotech Equiti	-5	5.53%	-4.39%	-14.32%	-5.06%	-4.62%	-54.71%
EFZ	ProSharesShort MSCI EAFE	Inverse Equities	-5	-2.81%	-4.91%	-1.48%	-10.00%	-10.84%	-49.57%
XLF	Financial Select Sector *	Financial Equities	-5	3.08%	-7.48%	-10.58%	-4.15%	-3.48%	-20.86%
IYZ	Down Jones US Telecom	Commun. Equities	-5	-2.51%	-2.90%	-12.09%	-1.47%	-5.05%	-39.52%
IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	-6	-0.46%	-8.40%	-13.43%	-0.30%	-1.98%	-41.92%
MCHI	iShares MSCI China	China Equities	-6	-5.78%	-5.85%	-11.81%	-0.06%	-0.08%	-51.16%
IEO	iShares DJ Oil & Gas Expl.&Prod.	Energy Equities	-6	-1.02%	-7.79%	-7.14%	-9.47%	-8.26%	-20.64%
VBR	Vanguard SmallCap Value	Small Cap Value	-6	-0.42%	-8.65%	-12.48%	-2.07%	-3.74%	-16.27%
IYG	Dow Jones US Financial Serv's	Specialty-Financial	-6	1.87%	-8.98%	-13.21%	-3.52%	-4.74%	-25.34%
VFH	Vanguard Financials	Financials Equities	-6	2.14%	-9.07%	-12.42%	-4.92%	-5.11%	-22.69%
FXI	iShares China 25 Index	China Equities	-6	-5.75%	-4.92%	-11.55%	-0.39%	-0.50%	-48.25%
IJT	S&P SmallCap 600/BARRA Growth	Small Growth	-6	-1.95%	-8.12%	-11.75%	-1.88%	-5.04%	-49.28%
FV	First Trust Dorsey Wright Focus 5	Large Cap Value Equiti	-6	-1.64%	-8.87%	-9.21%	-5.80%	-4.77%	-14.89%
XRT	SPDR S&P Retail *	Consumer Discretionar	-6	-0.66%	-7.04%	-17.58%	1.54%	-4.06%	-41.07%
URE	ProShares Ultra Real Estate	Leveraged Real Estate	-7	3.28%	-5.93%	-22.16%	-1.59%	-10.48%	-51.03%
TUR	iShares Turkey Investment Index	Emerging Markets Equi	-7	-3.28%	-10.10%	-0.59%	-13.19%	6.83%	-31.83%
IJS	S&P SmallCap 600/BARRA Value	Small Value	-7	-1.76%	-10.85%	-15.37%	-1.24%	-4.38%	-47.95%
FPE	First Trust Preferred Securities and Income	Preferred Stock	-7	0.82%	-9.23%	-12.56%	-5.12%	-6.83%	-23.18%
PSQ	ProShares Short QQQ	Inverse Equities	-7	-1.05%	-8.51%	-2.70%	-16.78%	-9.52%	-77.98%
DES	Wisdom Tree SmallCap Div.	Small Cap Value	-7	-1.60%	-10.61%	-13.93%	-2.85%	-5.37%	-67.66%
RPV	Guggenheim S&P 500 Pure Value	Large Value	-7	0.08%	-8.75%	-16.42%	-4.14%	-5.11%	-16.42%
IJR	S&P Sm.Cap 600	Small Blend	-7	-1.89%	-9.52%	-13.50%	-1.58%	-4.75%	-22.59%
FXN	1st Trust Energy AlphaDEX	Energy Equities	-8	-0.78%	-9.21%	-9.31%	-11.12%	-10.55%	-21.70%
IWN	Russell 2000 Value	Small Value	-8	-1.63%	-10.87%	-15.63%	-4.51%	-7.53%	-25.14%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
XME	SPDR S&P Metals & Mining	Commodity Producers	-9	-5.59%	-14.09%	-15.37%	-0.64%	-3.00%	-24.84%
FXO	1st Trust Financials AlphaDEX	Financial Equities	-11	1.31%	-15.15%	-19.82%	-9.06%	-9.59%	-23.37%
KBE	SPDR S&P Bank	Specialty-Financial	-18	-1.42%	-23.45%	-28.32%	-19.96%	-21.08%	-40.18%
KBWB	PowerShares KBW Bank Portfolio	Financials Equities	-19	-1.35%	-25.64%	-30.33%	-20.44%	-21.38%	-45.78%
UNG	U.S. Natural Gas Fund	Oil & Gas	-23	2.99%	-24.97%	-17.90%	-51.21%	-60.15%	-92.21%
KRE	SPDR S&P Region.Banking	Specialty-Financial	-24	-3.45%	-29.69%	-35.17%	-28.62%	-28.82%	-46.78%
IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	-40	-0.52%	-53.99%	-56.53%	-49.88%	-47.14%	-56.53%