

HV ETF Master List as of 12/07/2023

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
ITB	iShares DJ US Home Construction	Building and Constructi	25	15.21%	22.59%	10.33%	52.49%	16.77%	0.00%
XHB	SPDR Series Trust SPDR Home Builders	Building & Construction	21	15.09%	17.14%	8.36%	44.89%	15.69%	0.00%
IGV	iShares North American Tech-Software	Technology Equities	20	9.86%	10.56%	8.85%	52.61%	16.71%	-12.56%
IYW	Dow Jones US Technology	Technology Equities	20	6.48%	7.22%	6.94%	57.99%	13.40%	0.00%
SMH	VanEch Vectors Semiconductor	Technology Equities	19	6.58%	5.85%	6.41%	58.77%	12.14%	-2.30%
XLK	Technology Select *	Technology Equities	18	5.79%	8.18%	7.47%	48.73%	12.24%	-0.27%
VGT	Vanguard Info Technology	Technolgy Equities	17	6.71%	7.77%	6.70%	45.06%	10.98%	-0.59%
SOXX	iShares PHLX SOX Semiconductor Sector Index	Technology Equities	17	8.87%	5.66%	4.50%	48.79%	9.55%	-6.81%
MGK	Vanguard Mega Cap Growth	Large Cap Growth Equi	16	5.89%	6.98%	4.64%	46.39%	11.62%	-4.71%
QQQ	PowerShares QQQ Trust, Series 1	Large Growth	15	5.50%	5.54%	3.49%	46.62%	10.44%	-3.36%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	15	5.42%	5.75%	4.14%	43.57%	10.87%	-52.18%
EWV	iShares Mexico Index	Latin America Stock	15	9.76%	14.69%	5.43%	28.49%	5.36%	-2.78%
PEZ	PowerShares Consumer Cyclical	All Cap Equities	15	13.05%	20.72%	7.16%	17.38%	11.20%	-26.49%
EWP	iShares Spain Index	Europe Stock	14	9.83%	12.45%	8.66%	26.59%	8.92%	-15.54%
VUG	Vanguard Growth	Large Cap Growth	14	6.10%	6.70%	4.18%	40.86%	10.61%	-7.82%
EWD	iShares Sweden Index	Europe Stock	14	14.05%	11.11%	13.85%	15.71%	8.48%	-24.26%
VCR	Vanguard Consumer Discretionary	Consumer Discretionary	13	9.49%	8.76%	-0.17%	33.10%	8.83%	-18.03%
IWF	Russell 1000 Growth	Large Growth	13	5.82%	6.44%	4.15%	36.59%	10.37%	-5.46%
VOX	Vanguard Telecom Serv's	Communication Equities	12	4.14%	3.98%	2.64%	37.01%	8.21%	-25.20%
XLY	Consumer Discretionary Sec.*	Consumer Discretionary	12	8.59%	6.86%	-1.36%	33.48%	8.20%	-18.46%
IYC	iShares US Consumer Services	Consumer Discretionary	12	7.99%	9.06%	1.61%	27.60%	7.82%	-73.76%
XRT	SPDR S&P Retail *	Consumer Discretionary	11	13.01%	13.76%	6.39%	10.95%	7.85%	-35.61%
IYT	Dow Jones Transportation	Transportation Equities	11	12.78%	9.33%	4.47%	19.15%	7.71%	-9.12%
EWG	iShares Germany Index	Europe Stock	11	10.10%	10.77%	6.02%	16.82%	3.90%	-20.81%
HEWG	iShares Currency Hedged MSCI Germany	Europe Equities	11	9.18%	8.67%	5.31%	18.89%	5.00%	-5.64%
ILF	iShares S&P 40 Latin America	Latin America Stock	11	6.54%	11.63%	4.50%	21.63%	7.79%	-29.52%
EWI	iShares Italy Index	Europe Stock	11	6.91%	9.13%	4.48%	22.87%	6.14%	-3.97%
FEZ	SPDR Euro Stoxx 50	Europe Stock	11	8.19%	10.20%	5.97%	19.77%	4.24%	-6.08%
URE	ProShares Ultra Real Estate	Leveraged Real Estate	11	23.38%	19.40%	3.71%	-2.01%	5.80%	-51.23%
EWZ	iShares Brazil Index	Latin America Stock	10	5.63%	11.52%	3.70%	20.13%	9.69%	-30.59%
EWT	iShares Taiwan Index	Pacific Asia/excl. Japan	10	6.88%	6.50%	5.14%	21.12%	6.01%	-28.23%
EZU	European Monetary Union Index	Europe Stock	10	7.94%	9.63%	5.08%	16.82%	3.63%	-10.52%
KBE	SPDR S&P Bank	Specialty-Financial	10	16.45%	16.99%	10.34%	-5.45%	14.12%	-29.33%
EWN	iShares Netherlands Index	Europe Stock	10	7.99%	11.49%	7.45%	14.66%	3.45%	-20.60%
DXJ	Wisdom Tree Japan Hedged Equity	Japan Stock	10	0.53%	0.94%	-1.88%	38.65%	9.28%	-2.99%
XBI	SPDR Series Trust SPDR S&P Biotech	Health & Biotech Equiti	10	20.92%	17.17%	2.95%	-2.99%	2.58%	-53.72%
FXD	First Trust Cons. Discret. AlphaDEX	Consumer Discretionary	10	11.79%	11.95%	3.33%	14.76%	5.79%	-15.69%
HEWJ	iShares Currency Hedged MSCI Japan	Japan Equities	9	0.72%	1.45%	-1.27%	33.49%	7.47%	-16.34%
HEZU	iShares Currency Hedged MSCI Eurozone	Europe Equities	9	6.96%	7.45%	4.26%	18.93%	4.84%	-15.15%
SPYG	S&P 500 Growth	Large Cap Growth	9	4.78%	3.92%	1.45%	24.57%	6.88%	-14.10%
VV	Vanguard LargeCap	Large Cap Blend	9	5.79%	5.77%	1.96%	20.76%	6.95%	-5.14%

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PIN	PowerShares India Portfolio	Emerging Markets Equit	9	8.43%	6.50%	3.72%	17.75%	10.83%	-52.51%
IWP	Russell MidCap Growth	Mid-Cap Growth	9	9.03%	7.51%	3.46%	17.62%	6.31%	-20.24%
IVW	S&P 500/BARRA Growth	Large Growth	9	4.78%	3.88%	1.34%	24.48%	6.80%	-14.14%
VXF	Vanguard Extended Markets VIPERs	Mid Cap Blend	9	10.82%	8.44%	2.29%	15.17%	6.67%	-23.49%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	9	4.56%	4.63%	2.61%	24.41%	7.67%	-3.09%
RING	iShares MCSI Global Gold Miners Fund	Commodity Producers	9	11.61%	10.42%	6.12%	7.21%	1.53%	-35.12%
GDXJ	VanEck Vectors Junior Gold Miners	Commodity Producers	9	11.09%	15.23%	6.42%	4.21%	1.91%	-42.00%
VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	9	4.78%	3.93%	1.39%	24.57%	6.85%	-14.11%
IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	9	4.98%	4.04%	1.29%	23.71%	6.70%	-13.92%
ITA	iShares DJ US Aerospace&Defense	Industrials Equities	9	7.61%	11.52%	10.21%	8.48%	7.20%	-49.40%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	8	5.52%	5.42%	1.46%	19.73%	6.40%	-52.81%
IVV	S&P 500	Large Blend	8	5.62%	5.66%	1.65%	19.82%	6.57%	-4.06%
INDA	iShares MSCI India	Emerging Markets Equit	8	7.77%	7.08%	4.91%	13.70%	10.71%	-6.54%
ITOT	iShares Core S&P Total U.S. Stock Market	All Cap Equities	8	6.34%	6.10%	1.70%	19.09%	6.58%	-6.17%
IVE	S&P 500/BARRA Value	Large Value	8	6.63%	7.81%	2.03%	14.62%	6.21%	-0.38%
SPY	SPDR S&P 500	Large Cap Blend	8	5.62%	5.67%	1.75%	19.82%	6.60%	-4.08%
GSLC	Goldman Sachs ActiveBeta U.S. Large CaP	Large Cap Blend Equiti	8	5.85%	6.12%	2.50%	18.90%	6.72%	-5.33%
SIL	Global X Silver Miners	Commodity Producers	8	14.46%	16.37%	5.52%	-3.62%	0.89%	-49.34%
SCHB	Schwab U.S. Broad Market	All Cap Equities	8	5.87%	5.62%	1.43%	18.72%	6.18%	-53.21%
IWV	Russell 3000 Index	All Cap Equities	8	6.30%	6.01%	1.73%	19.04%	6.58%	-5.88%
PCY	PowerShares Emerging Markets Sovereign Debt Pc	Emerging Markets Bond	8	7.93%	11.25%	4.41%	6.48%	4.86%	-35.77%
IYJ	Dow Jones US Industrial	Industrial Equities	8	8.25%	6.80%	3.06%	12.58%	6.25%	-43.73%
IWB	Russell 1000 Index	Large Blend	8	6.01%	5.91%	1.76%	19.74%	6.71%	-5.28%
VTI	Total Stock Market VIPERs	All Cap Equities	8	6.30%	6.06%	1.83%	19.13%	6.62%	-6.26%
EWQ	iShares France Index	Europe Stock	8	6.38%	7.62%	2.41%	14.31%	1.37%	-6.40%
VOO	Vanguard S&P 500	Large Cap Blend Equiti	8	5.64%	5.67%	1.75%	19.86%	6.58%	-4.13%
VIS	Vanguard Industrials	industrials Equities	8	8.23%	6.17%	3.04%	14.42%	6.38%	-1.71%
VNQ	Vanguard REIT Index	Real Estate	7	11.87%	10.70%	2.02%	1.58%	3.85%	-27.78%
IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	7	10.27%	8.54%	1.59%	6.05%	4.07%	-38.22%
IJS	S&P SmallCap 600/BARRA Value	Small Value	7	11.09%	9.58%	1.52%	3.93%	3.31%	-45.22%
SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	7	10.72%	8.39%	0.62%	7.83%	3.76%	-60.34%
GLD	SPDR Gold Shares	Precious Metals	7	3.67%	8.59%	6.20%	10.91%	3.76%	-2.96%
INDY	iShares S&P India Nifty 50 Index Fund	Emerging Markets Equit	7	7.15%	5.45%	2.77%	13.02%	8.44%	-10.92%
EDV	Vanguard Extended Duration Treasury	Government Bonds	7	13.52%	16.73%	2.44%	-6.33%	-3.31%	-56.50%
VT	Vanguard Total World Stock Index	Global Equities	7	5.86%	5.73%	1.37%	14.99%	4.76%	-9.26%
DES	Wisdom Tree SmallCap Div.	Small Cap Value	7	9.73%	9.21%	3.85%	6.29%	6.24%	-64.61%
DBJP	Deutsche X-Trackers MSCI Japan Hedged	Japan Equities	7	0.64%	1.55%	-1.24%	27.91%	5.87%	-2.66%
XLI	Industrial Select Sector *	Industrial Equities	7	7.45%	5.81%	2.85%	10.60%	5.46%	-1.92%
ZROZ	PIMCO 25 Yr Zero Coupon US Treas Idx Exchg-Tra	Government Bonds	7	14.55%	18.11%	2.82%	-6.86%	-3.31%	-57.19%
IYF	Dow Jones US Financial Sector	Specialty-Financial	7	7.70%	9.03%	3.10%	7.37%	8.80%	-43.50%
IYG	Dow Jones US Financial Serv's	Specialty-Financial	7	8.66%	9.30%	2.77%	6.84%	7.67%	-17.33%
IYR	Dow Jones US Real Estate	Real Estate	7	11.69%	10.58%	1.69%	2.71%	4.10%	-25.55%
ACWI	iShares MSCI ACWI	Global Equities	7	5.52%	5.46%	1.85%	15.92%	5.02%	-8.24%
KRE	SPDR S&P Region.Banking	Specialty-Financial	7	17.79%	17.54%	10.24%	-17.50%	12.70%	-38.49%

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DIA	SPDR Dow Jones Industrial Average	Large Cap Value	7	6.70%	7.60%	3.40%	9.21%	6.45%	-1.64%
VBR	Vanguard SmallCap Value	Small Cap Value	7	9.57%	8.28%	2.18%	6.71%	5.47%	-8.76%
VOT	Vanguard Mid-Cap Growth	Mid-Cap Growth	7	7.63%	4.95%	0.95%	14.07%	4.21%	-22.85%
VGK	Vanguard European	Europe Equities	7	6.85%	6.74%	2.92%	11.90%	2.37%	-12.12%
VCLT	Vanguard Long-Term Corporate Bond	Corporate Bonds	7	9.20%	10.50%	4.21%	2.40%	2.38%	-31.37%
VFH	Vanguard Financials	Financials Equities	7	8.30%	9.40%	3.34%	5.95%	8.47%	-13.86%
IAU	iShares Gold Trust	Precious Metals	7	3.73%	8.62%	6.22%	11.07%	3.83%	-2.54%
VBK	Vanguard SmallCap Growth	Small Cap Growth	7	10.53%	6.60%	-0.56%	11.69%	2.72%	-26.75%
VB	Vanguard SmallCap	Small Cap Blend	7	10.00%	7.47%	1.02%	8.68%	4.25%	-16.67%
ICF	Cohen & Steers Realty	Real Estate	7	11.71%	10.85%	2.66%	2.12%	4.40%	-55.54%
IEV	S&P Europe 350 Index	Europe Stock	7	6.70%	6.21%	3.09%	12.54%	2.60%	-8.59%
GDX	Mkt Vector Gold Miners	Specialty-Precious Meta	7	9.89%	9.30%	4.16%	5.79%	-0.29%	-31.91%
IWO	Russell 2000 Growth	Small Growth	6	10.55%	6.77%	-1.46%	8.17%	1.34%	-31.07%
DON	Wisdom Tree MidCap Div.	Mid-Cap Value	6	8.47%	7.24%	2.26%	5.54%	5.19%	-57.21%
SPHQ	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	6	3.67%	2.24%	-0.50%	18.05%	4.78%	-3.31%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equi	6	3.42%	2.84%	0.71%	15.26%	3.34%	-14.34%
FV	First Trust Dorsey Wright Focus 5	Large Cap Value Equiti	6	9.74%	7.28%	3.70%	2.90%	6.05%	-7.03%
FEX	First Trust Large Cap Core AlphaDEX	Large Cap Blend Equity	6	7.14%	6.45%	1.87%	7.76%	5.50%	-7.21%
IWR	Russell MidCap Index Fs	Mid-Cap Blend	6	8.65%	6.89%	1.45%	8.98%	4.42%	-67.20%
IWN	Russell 2000 Value	Small Value	6	11.11%	9.04%	1.26%	3.97%	4.81%	-18.49%
XLF	Financial Select Sector *	Financial Equities	6	7.19%	8.45%	2.66%	5.09%	7.48%	-13.23%
MDY	MidCap Trust Series I	Mid-Cap Blend	6	8.82%	6.87%	0.92%	8.27%	3.93%	-9.72%
XME	SPDR S&P Metals & Mining	Commodity Producers	6	9.89%	6.88%	0.02%	8.23%	6.35%	-18.13%
ECH	iShares Chile Index	Latin America	6	11.67%	9.48%	0.77%	1.00%	-2.28%	-51.29%
PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	6	4.52%	3.55%	0.76%	13.58%	4.29%	-20.05%
IWM	Russell 2000	Small Blend	6	10.85%	7.97%	-0.09%	6.33%	3.11%	-23.57%
FNDX	Schwab Fundamental U.S. Large Company Index	Large Cap Value Equiti	6	5.75%	5.52%	0.73%	10.55%	4.80%	-1.37%
SCHH	Schwab U.S. REIT	Real Estate	6	10.56%	9.56%	1.30%	0.98%	3.16%	-63.03%
VO	Vanguard Mid-Cap	Mid-Cap Blend	6	7.79%	6.19%	1.13%	8.14%	3.94%	-15.62%
IJK	S&P MidCap 400/BARRA Growth	Mid-Cap Growth	6	7.81%	5.57%	0.29%	10.37%	3.86%	-70.67%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	6	5.92%	5.70%	0.79%	10.03%	2.06%	-13.57%
IJT	S&P SmallCap 600/BARRA Growth	Small Growth	6	9.22%	6.53%	0.85%	6.69%	3.87%	-44.85%
SCHM	Schwab U.S. Mid Cap	Mid Cap Blend Equities	6	8.49%	5.94%	0.11%	7.71%	3.31%	-15.25%
IJH	S&P MidCap 400	Mid-Cap Blend	6	8.94%	6.92%	0.98%	8.31%	3.97%	-9.83%
IJR	S&P Sm.Cap 600	Small Blend	6	10.21%	8.05%	1.20%	5.37%	3.63%	-17.12%
EWJ	iShares Japan Index	Japan Stock	6	5.44%	4.67%	-0.30%	16.00%	4.34%	-14.80%
RWR	Wilshire REIT Fund	Real Estate	6	11.19%	8.67%	0.30%	3.56%	3.31%	-26.12%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equi	6	6.44%	4.63%	1.19%	11.25%	4.09%	-14.32%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equi	6	5.62%	6.37%	2.44%	10.47%	0.62%	-18.79%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equi	6	6.00%	5.57%	1.93%	11.09%	2.38%	-11.21%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equi	6	6.13%	5.73%	1.78%	10.40%	2.31%	-12.98%
IHDG	WisdomTree International Hedged Dividend Growth	Foreign Large Cap Equi	6	3.65%	4.24%	1.70%	13.98%	2.84%	-12.55%
ACWX	iShares MSCI ACWI ex US	Global Equities	5	5.04%	4.95%	1.19%	8.59%	1.84%	-16.45%
FXO	1st Trust Financials AlphaDEX	Financial Equities	5	9.81%	9.37%	2.71%	-0.22%	7.66%	-15.92%

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AGQ	ProShares Ultra Silver	Leveraged Commoditie	5	9.61%	16.68%	6.72%	-14.09%	-4.40%	-60.56%
IHI	iShares DJ US Medical Devices	Health & Biotech Equiti	5	11.62%	12.92%	-0.61%	-3.71%	-3.31%	-86.37%
BLV	Vanguard Long Term Bond	Long-Term Bond	5	8.75%	10.06%	3.07%	-0.48%	0.25%	-38.66%
DWX	SPDR S&P International Dividend	Foreign Large Cap Equi	5	5.62%	6.19%	0.69%	8.20%	2.16%	-18.50%
IXUS	iShares Core MSCI Total International Stock	Global Equities	5	5.08%	5.01%	0.90%	8.64%	1.84%	-16.75%
IWS	Russell MidCap Value	Mid-Cap Value	5	8.53%	6.72%	0.68%	4.60%	3.60%	-10.84%
EMB	iShares Emerging Markets Bond	Emerging Market Bond	5	5.73%	7.49%	2.86%	3.01%	2.84%	-26.13%
DBEU	Deutsche X-Trackers MSCI Europe Hedged	Europe Equities	5	4.71%	3.65%	1.51%	10.54%	2.11%	-2.64%
EWK	iShares Belgium Index	Europe Stock	5	5.97%	8.21%	2.56%	2.96%	1.89%	-20.51%
EWL	iShares Switzerland Index	Europe Stock	5	5.99%	3.73%	0.48%	8.82%	0.17%	-13.94%
IFGL	iShares FTSE EPRA/NAREIT Global Real Estate	Global Real Estate	5	8.91%	9.14%	2.50%	-2.47%	2.33%	-35.23%
DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreign Large Cap Equi	5	3.41%	2.76%	0.70%	12.07%	2.34%	-9.56%
VEU	Vanguard FTSE All-Word ex-US	Global Equities	5	5.14%	4.89%	0.55%	8.62%	1.80%	-16.57%
VSS	Vanguard FTSE All-Wld ex-US SmCP Idx	Foreign Small & Mid Ca	5	6.27%	6.26%	0.34%	8.22%	2.01%	-21.66%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	5	7.01%	7.11%	1.24%	5.12%	1.55%	-24.92%
RWO	SPDR DJ Wilshire Global Real Estate	Global Real Estate	5	10.25%	8.86%	1.00%	1.27%	2.91%	-26.76%
VXUS	Vanguard Total International Stock	Global Equities	5	5.25%	5.01%	0.63%	8.57%	1.75%	-16.81%
PKW	PowerShares Buyback Achievers	All Cap Equities	5	6.25%	4.28%	-0.35%	8.74%	5.41%	-5.17%
VNQI	Vanguard Global ex-U.S. Real Estate	Global Real Estate	5	7.79%	7.90%	2.96%	1.11%	3.62%	-35.83%
KBWB	PowerShares KBW Bank Portfolio	Financials Equities	5	13.64%	15.15%	5.65%	-12.67%	8.71%	-40.49%
VIG	Vanguard Div. Appreciation	Large Cap Value Equiti	5	5.21%	5.94%	1.40%	8.71%	4.37%	-4.14%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	5	7.92%	7.27%	1.32%	2.89%	3.63%	-9.15%
SLV	iShares Silver Trust	Precious Metals	5	5.32%	9.17%	5.11%	-1.04%	0.67%	-19.30%
LQD	iShares iBoxx \$ Liquid Invest. Gr.	Corporate Bonds	5	6.18%	7.06%	3.26%	2.38%	1.96%	-22.43%
RSP	Guggenheim S&P Equal Weight	Large Blend	5	7.88%	6.76%	0.85%	6.27%	3.56%	-8.59%
RPV	Guggenheim S&P 500 Pure Value	Large Value	5	10.24%	9.21%	2.02%	0.35%	4.32%	-12.50%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equi	5	6.05%	4.91%	0.44%	10.09%	2.84%	-9.23%
KIE	SPDR S&P Insurance	Specialty-Financial	5	4.18%	4.64%	3.03%	9.57%	8.32%	-52.18%
VLUE	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	5	7.51%	6.40%	0.92%	5.06%	4.12%	-16.68%
DGRO	iShares Core Dividend Growth	Large Cap Value Equiti	4	5.76%	5.35%	-0.36%	3.92%	2.82%	-7.31%
DFE	Wisdom Tree Europe SmCap Div.	Europe Stock	4	6.52%	6.93%	1.52%	1.22%	-0.92%	-29.98%
RWX	SPDR DJ Wil Intern. RE	Real Estate	4	8.90%	8.80%	2.74%	-3.51%	1.96%	-40.08%
VWOB	Vanguard Emerging Markets Gov Bonds	Emerging Markets Bond	4	5.46%	6.91%	2.32%	1.97%	2.10%	-25.33%
SCHF	Schwab International Equity	Foreign Large Cap Equi	4	3.80%	3.62%	-0.45%	9.31%	0.66%	-13.79%
DEM	WisdomTree Emerg. Mkts Hi-Yld E.	Emerging Mkts Equities	4	3.88%	3.55%	-2.12%	8.87%	1.18%	-22.83%
EWA	iShares Australia Index	Asia Pacific Equities	4	6.26%	7.16%	1.84%	2.29%	1.93%	-16.95%
EWC	iShares Canada Index	Foreign Large Cap Equi	4	5.24%	5.15%	-0.91%	6.69%	2.03%	-14.12%
VCIT	Vanguard Intermediate-Term Corporate Bond	Corporate Bonds	4	4.67%	5.30%	2.57%	2.32%	1.53%	-18.38%
EWY	iShares S. Korea Index	Pacific Asia/excl. Japan	4	3.22%	4.69%	-1.65%	9.42%	-0.10%	-35.77%
VAW	Vanguard Materials VIPERS	Materials	4	7.34%	5.74%	-0.68%	5.58%	2.24%	-9.93%
USMV	iShares Edge MSCI Min Vol USA	All Cap Equities	4	4.46%	5.25%	1.51%	6.19%	4.20%	-5.53%
TLT	iShares 20+ Treas. Bd	Government Bonds	4	8.94%	10.75%	1.91%	-4.26%	-2.37%	-44.44%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	4	4.78%	4.56%	-0.84%	8.38%	1.89%	-18.59%
PHB	PowerShares High Yield Corp Bond	High Yield Bonds	4	2.94%	5.00%	2.59%	4.26%	2.87%	-9.25%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
PZA	Pshares Insured National Munis	National Munis	4	5.01%	6.24%	3.36%	3.18%	2.21%	-13.99%
JXI	iShares S&P Global Utilities	Utilities Equities	4	7.07%	9.84%	0.19%	-2.08%	0.68%	-12.70%
IWD	Russell 1000 Value	Large Value	4	6.32%	5.30%	-0.86%	4.29%	2.69%	-7.25%
XLB	Materials Select Sector *	Materials	4	6.76%	4.75%	-1.21%	5.08%	2.04%	-9.91%
CWB	SPDR Barclays Convertible Securities	Convertible Bonds	4	5.67%	3.45%	-0.07%	7.80%	2.32%	-24.77%
BWX	SPDR Lehman Intl Treasury Bond	World Gov Bond	4	5.24%	6.79%	3.73%	0.31%	1.05%	-28.46%
IWY	Russell Top 200 Growth	Small Growth	4	5.36%	6.22%	4.24%	0.00%	0.00%	0.00%
BAB	PowerShares Build America Bond Portfolio	National Munis	4	5.30%	5.55%	2.20%	2.84%	1.22%	-23.67%
PEY	PowerShares Hi Yields Div. Achiev's	Mid-Cap Value	4	9.24%	7.44%	-0.39%	-2.27%	3.96%	-10.05%
BNDX	Vanguard Total International Bond	Total Bond Market	4	3.21%	4.33%	2.91%	5.06%	2.68%	-15.86%
MTUM	iShares Edge MSCI USA Momentum Factores	All Cap Equities	3	3.50%	5.50%	1.98%	2.47%	5.25%	-22.82%
BIV	Vanguard Intermed. Term Bond	Intermediate-Term Bon	3	3.87%	4.38%	1.89%	0.73%	0.44%	-20.67%
IDV	iShares International Select Dividend	Foreign Large Cap Equi	3	6.72%	6.25%	-0.19%	-1.14%	0.96%	-25.17%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equit	3	3.44%	3.61%	0.08%	5.63%	1.23%	-28.98%
MUB	iShares S&P National Muni Bond	National Munis	3	3.82%	4.60%	2.30%	1.57%	1.53%	-9.12%
HYG	iShares Lehman Hi-Yield Corp.	High Yield Bond	3	3.13%	4.40%	1.45%	3.23%	2.18%	-14.57%
EWU	iShares United Kingdom Index	Europe Stock	3	4.43%	2.01%	-0.21%	6.00%	0.82%	-14.20%
IYM	Dow Jones US Basic Mat's	Materials	3	6.62%	3.96%	-1.41%	4.55%	1.01%	-15.30%
REZ	iShares Residential Real Estate Capped	Specialty-Real Estate	3	8.72%	3.57%	-2.18%	1.02%	-0.98%	-30.39%
XMLV	PowerShares S&P MidCap Low Volatility Portfolio	Mid Cap Blend Equities	3	6.18%	6.18%	1.47%	-2.94%	1.71%	-11.31%
ACVV	iShares Edge MSCI Min Vol Global	Global Equities	3	3.64%	3.92%	0.72%	4.37%	1.99%	-8.41%
JNK	Barclays Cap. High Yield Bond	High Yield Bond	3	3.00%	4.16%	1.18%	3.29%	1.92%	-71.38%
FXB	CurrencyShares British Pound	Currency	3	3.06%	3.32%	1.42%	4.24%	0.76%	-16.77%
AGG	iShares Lehman Aggregate Bond	Intermediate-Term Bon	3	3.88%	4.44%	1.74%	0.40%	0.51%	-18.60%
VTV	Vanguard Value	Large Cap Value	3	5.43%	4.83%	-0.65%	2.29%	2.71%	-4.78%
TLH	iShares Lehman 10-20 Yr Treasury	Government Bonds	3	6.85%	8.36%	1.30%	-3.56%	-2.03%	-39.46%
PGX	PowerShares Preferred Portfolio	Preferred Stock/Convert	3	4.93%	7.12%	0.98%	0.89%	1.09%	-27.08%
NOBL	ProShares S&P 500 Dividend Aristocrats	Large Cap Value Equiti	3	6.40%	5.46%	-1.68%	2.34%	0.99%	-6.69%
PGF	PowerShares Fin. Preferred Portf.	Specialty-Financial	3	4.41%	6.89%	1.12%	0.21%	1.45%	-26.11%
PFF	iShares S&P Preferred Stock	Preferred Stock/Convert	3	4.31%	5.86%	0.62%	0.62%	1.24%	-23.73%
SCHV	Schwab U.S. Large-Cap Value	Large Cap Value Equiti	3	5.73%	5.10%	-1.37%	1.47%	1.94%	-9.70%
SDY	SPDR Dividend ETF	Large Value	3	7.14%	7.00%	-0.01%	-2.89%	1.00%	-8.19%
SCHZ	Schwab US Aggregate Bond	Total Bond Market	3	3.79%	4.43%	1.67%	0.24%	0.38%	-19.61%
BND	Vanguard Total Bond Market	Intermediate-Term Bon	3	3.77%	4.40%	1.75%	0.46%	0.49%	-19.35%
SDOG	ALPS Sector Dividend Dogs	Large Cap Value Equiti	3	9.60%	7.23%	-0.52%	-3.71%	0.96%	-13.79%
FXU	1st Trust Utilities AlphaDEX	Utilities Equities	2	7.00%	8.11%	-0.70%	-6.50%	-0.41%	-13.99%
FXG	1st Trust Consumer Staples	Consumer Staples Equi	2	3.76%	8.42%	-2.71%	-1.50%	0.17%	-8.97%
FXE	CurrencyShares Euro Currency Trust	Currency	2	1.23%	2.52%	1.42%	0.86%	-0.30%	-17.28%
VYM	Vanguard High Div. Yield Index	Large Cap Value	2	5.65%	4.97%	-1.22%	-0.81%	2.08%	-6.68%
BSV	Vanguard Short Term Bond	Total Bond Market	2	1.52%	1.77%	1.39%	1.42%	0.83%	-8.34%
TOTL	SPDR DoubleLine Total Return Tactical	Total Bond Market	2	3.57%	3.48%	0.43%	-1.35%	-0.78%	-21.55%
FPE	First Trust Preferred Securities and Income	Preferred Stock	2	3.64%	4.82%	2.10%	-1.67%	3.33%	-20.39%
VWO	Vanguard Emerging Markets	Emerging Markets Equit	2	3.32%	3.14%	-0.83%	3.67%	0.53%	-28.47%
FDL	1st Trust Morningstar Div. Lead's	Large Cap Value	2	7.61%	5.56%	-0.68%	-4.51%	1.74%	-10.90%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
VGIT	Vanguard Intermediate-Term Gov Bonds	Government Bonds	2	2.63%	2.97%	1.44%	0.03%	0.02%	-17.43%
DVY	iShares Select Dividend Index	Large Cap Value	2	7.57%	6.72%	-0.22%	-5.56%	1.28%	-13.81%
BOND	PIMCO Total Return Active Exchange-Traded	Total Bond Market	2	3.77%	4.47%	1.23%	0.27%	0.38%	-19.84%
VRP	PowerShares Variable Rate Preferred Portfolio	Preferred Stock	2	2.93%	3.73%	0.93%	1.92%	2.66%	-13.79%
VCSH	Vanguard Short-Term Corporate Bond	Corporate Bonds	2	1.90%	2.16%	1.58%	1.82%	1.22%	-8.04%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	2	2.89%	3.11%	-0.25%	3.38%	0.25%	-32.40%
FLTB	Fidelity Limited Term Bond	Corporate Bonds	2	1.73%	1.92%	1.42%	1.58%	1.10%	-7.85%
SCHR	Schwab Intermediate-Term U.S. Treasury	Government Bonds	2	2.59%	2.92%	1.34%	-0.39%	-0.15%	-16.82%
SHYG	iShares 0-5 Year High Yield Corporate Bond	High Yield Bonds	2	2.03%	2.93%	0.89%	2.15%	1.46%	-13.03%
IEF	iShares Lehman 7-10 Yr Treasury	Government Bonds	2	3.82%	4.30%	1.26%	-1.27%	-0.83%	-23.16%
HYS	PIMCO 0-5 Year High Yield Corp Bond	High Yield Bonds	2	2.33%	2.84%	0.82%	2.98%	1.67%	-9.82%
SJNK	SPDR Barclays Short Term High Yield Bond	High Yield Bonds	2	2.27%	2.73%	0.57%	2.43%	1.28%	-11.76%
SPHD	PowerShares S&P 500 HiDivLowVol	Large Cap Value	2	7.91%	6.63%	0.07%	-5.68%	1.68%	-16.04%
IEI	iShares Lehman 3-7 Yr. Treasury	Government Bonds	2	2.34%	2.64%	1.54%	0.67%	0.34%	-13.75%
IHF	iShares DJ US Healthcare Provid's	Health & Biotech Equiti	2	4.72%	3.29%	3.84%	-3.90%	2.20%	-13.05%
GVI	iShares Lehman Intern. Govt/Credit	Total Bond Market	2	2.18%	2.60%	1.56%	1.02%	0.64%	-12.55%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	2	3.60%	3.50%	-2.44%	4.35%	-1.37%	-25.50%
GOVT	iShares Core U.S. Treasury Bond	Government Bonds	2	3.05%	3.61%	1.43%	-0.22%	-0.12%	-19.89%
FXY	CurrencyShares Japanese Yen Trust	Currency	1	5.33%	4.19%	2.57%	-9.11%	-1.28%	-33.17%
VGSH	Vanguard Short-Term Government	Government Bonds	1	0.85%	0.94%	0.82%	0.40%	0.24%	-6.88%
IBB	Nasdaq Biotechnology	Health & Biotech Equiti	1	8.49%	2.97%	-2.23%	-4.99%	-0.98%	-63.40%
SHY	iShares Lehman 1-3 Year Treasury	Government Bonds	1	0.84%	0.96%	0.89%	0.60%	0.36%	-5.92%
TIP	iShares TIPS Bond Fd	Inflation-Protected Bond	1	1.95%	2.57%	0.24%	-0.77%	-0.98%	-19.29%
IDU	Dow Jones US Utilities	Utilities Equities	1	5.66%	8.70%	-1.73%	-8.03%	-0.83%	-55.05%
VDC	Vanguard Consumer Staples	Consumer Staples Equi	1	3.29%	6.90%	-2.64%	-2.28%	-1.74%	-10.13%
IYZ	Down Jones US Telecom	Commun. Equities	1	4.59%	4.39%	-2.62%	-2.41%	0.41%	-40.09%
XLV	Health Care Select SPDR *	Health & Biotech Equiti	1	5.04%	1.91%	-1.04%	-2.94%	0.73%	-7.69%
IYH	Dow Jones US Healthcare	Specialty-Health	1	5.33%	1.75%	-1.74%	-2.88%	0.13%	-8.72%
SPLV	PowerShares S&P 500 Low Volat.	Large Cap Blend	1	3.70%	5.75%	-0.08%	-3.54%	0.31%	-11.21%
VTIP	Vanguard Short-Term Inflation-Protected Securities	Inflation-Protected Bond	1	0.97%	1.49%	0.44%	2.08%	0.56%	-9.70%
EZA	iShares South Africa Index	Emerging Markets Equit	1	3.32%	3.96%	3.08%	-6.01%	-0.72%	-47.54%
DBA	PowerShares DB Agriculture Fd	Agriculture Commoditie	1	-2.03%	0.32%	-2.39%	7.59%	1.49%	-5.57%
VHT	Vanguard Health Care	Health & Biotech Equiti	1	5.93%	2.52%	-1.27%	-3.03%	0.17%	-10.09%
EPHE	iShares MSCI Philippines	Emerging Markets Equit	1	2.52%	3.44%	2.68%	-3.51%	-1.27%	-37.44%
SCHP	Schwab U.S. TIPS	Inflation-Protected Bond	1	1.92%	2.66%	0.19%	-0.73%	-1.00%	-19.53%
SCHO	Schwab Short-Term U.S. Treasury	Government Bonds	1	0.77%	0.86%	0.69%	-0.06%	0.04%	-6.80%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	0	3.36%	3.23%	-0.29%	-4.39%	-2.12%	-24.20%
BKLN	PowerShares Exchange-Traded Fund Trust	High Yield Bonds	0	0.00%	0.10%	-1.27%	2.19%	0.25%	-10.42%
VPU	Vanguard Utilities VIPERS	Utilities Equities	0	6.12%	8.27%	-2.72%	-10.52%	-2.13%	-19.00%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	0	1.75%	0.95%	-1.73%	-0.23%	-1.89%	-36.68%
SCHD	Schwab US Dividend Equity	All Cap Equities	0	5.28%	2.74%	-2.61%	-4.16%	0.56%	-11.64%
IXJ	S&P Global Healthcare	Health & Biotech Equiti	0	4.24%	0.80%	-1.87%	-1.45%	-0.37%	-32.03%
XLP	Consumer Staples Select *	Consumer Staples	0	3.10%	6.61%	-2.82%	-5.30%	-2.83%	-12.37%
XLU	Utilities Select Sector *	Utilities Equities	0	5.88%	8.34%	-2.59%	-9.89%	-1.70%	-18.68%

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FTSM	First Trust Enhanced Short Maturity	Total Bond Market	0	0.22%	0.20%	0.18%	0.37%	0.15%	-0.93%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equit	0	1.04%	0.19%	-2.92%	2.94%	0.79%	-27.89%
UUP	PowerShares DB US Dollar Bullish	Currency	0	-1.71%	-1.87%	-0.31%	5.54%	2.36%	-4.30%
FLOT	iShares Floating Rate Bond	Corporate Bonds	0	0.02%	-0.04%	-0.20%	0.68%	0.08%	-0.82%
FBT	1st Trust Biotechnology Index	Health & Biotech Equiti	0	7.61%	0.66%	-4.72%	-5.46%	-3.29%	-21.16%
IYK	Dow Jones US Cons. Goods	Consumer Staples Equi	0	2.52%	6.31%	-3.56%	-6.31%	-2.95%	-10.98%
DHS	Wisdom Tree High-Yield Equity	Large Cap Value	0	5.63%	3.31%	-2.39%	-7.60%	-0.05%	-12.80%
BBH	VanEck Vectors Biotech	Health & Biotech	0	5.73%	-0.77%	-3.70%	-2.82%	-1.46%	-29.68%
RSX	Market Vectors Russia	Emerging Markets Equit	0	0.00%	0.00%	0.00%	-0.53%	0.00%	-83.14%
HDV	iShares Core High Dividend	Large Cap Value Equiti	0	5.02%	3.35%	-4.25%	-4.13%	-0.35%	-9.08%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equit	-1	-0.50%	-0.79%	-3.81%	0.34%	-2.71%	-31.42%
FXH	1st Trust Health Care AlphaDEX	Health & Biotech Equiti	-1	7.09%	2.54%	-3.82%	-10.39%	-5.19%	-23.95%
GNR	SPDR S&P Global Natural Resources	Commodity Producers	-1	3.28%	-0.33%	-4.28%	-3.88%	-0.89%	-16.04%
EWM	iShares Malaysia Index	Emerging Markets Equit	-1	0.28%	1.59%	-0.09%	-7.44%	0.02%	-42.03%
PPLT	ETFS Physical Platinum Shares	Precious Metals	-2	5.26%	4.44%	-0.18%	-15.71%	-5.49%	-29.93%
PJP	Dynamic Pharmaceuticals	Health & Biotech Equiti	-2	5.28%	0.50%	-6.61%	-8.61%	-4.12%	-14.02%
IHE	iShares DJ US Pharmaceuticals	Health & Biotech Equiti	-2	4.74%	-1.31%	-6.39%	-4.56%	-0.64%	-11.98%
EWS	iShares Singapore Index	Pacific Asia/excl. Japan	-2	-0.06%	-1.21%	-3.54%	-4.25%	-4.23%	-36.11%
XPH	SPDR Pharmaceuticals	Health & Biotech Equiti	-2	8.14%	0.24%	-11.07%	-6.86%	-5.94%	-31.91%
GUNR	FlexShares Global Upstream Natural Resources	Commodity Producers	-3	3.13%	-0.40%	-6.03%	-8.90%	-2.85%	-19.07%
IGE	iShares North American Natural Resources	Commodity Producers	-4	0.51%	-4.08%	-9.36%	-3.54%	-1.67%	-13.67%
TUR	iShares Turkey Investment Index	Emerging Markets Equit	-5	0.40%	-7.51%	-7.85%	-4.84%	4.07%	-25.28%
DOG	ProShares Short Dow 30	Bear Market	-5	-5.85%	-6.13%	-3.13%	-6.24%	-5.07%	-65.06%
EFZ	ProSharesShort MSCI EAFE	Inverse Equities	-5	-5.27%	-4.42%	-1.63%	-9.25%	-1.91%	-49.15%
HEDJ	WisdomTree Europe Hedged Equity	Europe Equities	-5	7.00%	6.54%	4.77%	-39.68%	-33.49%	-49.72%
TBF	ProShares Short 20+Year Treasury	Inverse Bonds	-5	-8.26%	-9.82%	-2.83%	2.82%	1.14%	-13.34%
IXC	S&P Global Energy	Energy Equities	-5	-1.14%	-5.54%	-9.50%	-2.08%	-1.56%	-10.38%
IEO	iShares DJ Oil & Gas Expl.&Prod.	Energy Equities	-6	-2.47%	-8.03%	-11.84%	-3.60%	-0.99%	-15.50%
RWM	ProShares Short Russell2000	Inverse Equities	-6	-9.58%	-6.86%	-0.47%	-5.57%	-2.99%	-63.19%
FTGC	First Trust Global Tactical Commodity Strategy	Commodities	-6	-3.26%	-4.09%	-9.99%	-8.04%	-4.35%	-28.42%
IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	-6	10.36%	8.52%	2.30%	-46.17%	2.12%	-53.32%
SH	Short S&P 500 ProShares ETF	Inverse Equities	-6	-4.73%	-4.33%	-1.51%	-14.60%	-5.21%	-67.13%
FXN	1st Trust Energy AlphaDEX	Energy Equities	-7	-3.08%	-8.44%	-11.13%	-6.09%	-1.75%	-17.27%
THD	iShares Thailand Capped Invest Mrkt Idx	Emerging Markets Equit	-7	0.28%	-0.93%	-8.04%	-18.18%	-8.50%	-39.53%
XLE	Energy Select Sector *	Energy Equities	-7	-1.39%	-7.20%	-12.86%	-7.00%	-3.73%	-13.53%
DBC	PowerShares DB Commodity Index	Commodities	-7	-4.26%	-5.41%	-10.51%	-7.10%	-4.24%	-24.99%
DJP	Bloomberg Commodity Index	Commodities	-7	-4.11%	-5.32%	-9.29%	-10.83%	-4.83%	-27.04%
MOO	VanEck Vectors Agribusiness	Commodity Producers	-7	1.26%	-3.38%	-11.06%	-13.99%	-9.06%	-31.85%
VDE	Vanguard Energy VIPERS	Energy Equities	-7	-1.92%	-7.63%	-12.93%	-6.29%	-3.45%	-13.82%
MCHI	iShares MSCI China	China Equities	-8	-3.94%	-5.82%	-8.07%	-13.85%	-9.94%	-57.90%
IYE	Dow Jones US Energy	Specialty-Natural Res.	-8	-1.57%	-7.56%	-12.87%	-8.22%	-4.06%	-15.50%
ASHR	Deutsche X-Trackers China A-Shares	China Equities	-8	-4.11%	-6.13%	-7.99%	-14.13%	-11.16%	-48.15%
HDGE	Ranger Equity Bear	Inverse Equities	-8	-8.96%	-5.40%	4.08%	-20.17%	-4.21%	-79.56%
GSG	iShares GSCI Commodity Index	Commodities.	-9	-4.64%	-8.83%	-13.89%	-7.16%	-4.87%	-25.17%

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EWI	iShares Hong Kong Index	China Equities	-9	-3.41%	-6.16%	-6.69%	-21.70%	-12.75%	-41.46%
TBT	ProShares UltraShort Lehman 20 Yr Treas	Leveraged Bonds	-10	-16.15%	-19.49%	-6.53%	2.22%	0.29%	-25.43%
FXI	iShares China 25 Index	China Equities	-11	-6.72%	-9.93%	-11.98%	-15.09%	-12.35%	-55.88%
PSQ	ProShares Short QQQ	Inverse Equities	-11	-4.81%	-4.45%	-3.53%	-31.39%	-9.57%	-81.84%
PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	-16	6.41%	6.17%	1.08%	-78.27%	-63.95%	-80.78%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	-19	3.86%	0.85%	-2.11%	-79.76%	-65.35%	-86.11%
UNG	U.S. Natural Gas Fund	Oil & Gas	-36	-20.03%	-35.00%	-26.84%	-64.04%	-26.54%	-94.26%