

HV ETF Master List as of 04/06/2023

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
AGQ	ProShares Ultra Silver	Leveraged Commoditie	23	53.71%	26.40%	6.14%	4.28%	32.12%	-52.12%
GDX	Mkt Vector Gold Miners	Specialty-Precious Meta	18	29.05%	15.69%	6.99%	20.13%	25.22%	-22.68%
RING	iShares MCSI Global Gold Miners Fund	Commodity Producers	18	29.43%	15.01%	5.86%	19.75%	25.48%	-27.53%
GDXJ	VanEck Vectors Junior Gold Miners	Commodity Producers	16	27.69%	14.86%	3.66%	16.02%	22.53%	-35.43%
IYW	Dow Jones US Technology	Technology Equities	14	9.22%	6.79%	17.99%	23.52%	12.40%	-21.42%
SIL	Global X Silver Miners	Commodity Producers	13	23.40%	12.38%	2.13%	12.14%	17.65%	-41.05%
SLV	iShares Silver Trust	Precious Metals	12	24.13%	13.43%	4.62%	3.95%	17.88%	-15.22%
QQQ	PowerShares QQQ Trust, Series 1	Large Growth	12	8.68%	5.43%	13.98%	19.44%	9.11%	-21.27%
XLK	Technology Select *	Technology Equities	12	7.87%	5.70%	14.56%	19.79%	11.26%	-15.61%
VOX	Vanguard Telecom Serv's	Communication Equities	11	9.83%	3.81%	9.72%	19.22%	8.25%	-34.91%
VGT	Vanguard Info Technology	Technolgy Equities	11	7.02%	4.54%	13.65%	18.93%	10.25%	-18.50%
SMH	VanEch Vectors Semiconductor	Technology Equities	11	4.46%	1.70%	12.19%	24.37%	14.11%	-20.27%
MGK	Vanguard Mega Cap Growth	Large Cap Growth Equi	11	8.71%	4.70%	12.82%	18.32%	7.91%	-22.98%
IGV	iShares North American Tech-Software	Technology Equities	10	7.11%	3.86%	12.98%	17.15%	9.17%	-32.88%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	10	7.77%	4.17%	12.28%	16.85%	7.58%	-61.08%
VUG	Vanguard Growth	Large Cap Growth	9	7.14%	3.20%	10.60%	16.07%	6.64%	-24.05%
EWP	iShares Spain Index	Europe Stock	9	5.18%	5.52%	8.73%	18.49%	19.60%	-20.94%
IWF	Russell 1000 Growth	Large Growth	8	6.52%	3.02%	9.23%	13.40%	6.18%	-21.51%
IAU	iShares Gold Trust	Precious Metals	8	9.65%	7.82%	5.64%	10.00%	12.25%	-3.48%
GLD	SPDR Gold Shares	Precious Metals	8	9.57%	7.78%	5.58%	9.93%	12.17%	-3.82%
SOXX	iShares PHLX SOX Semiconductor Sector Index	Technology Equities	8	2.43%	-0.32%	9.96%	21.54%	11.57%	-23.88%
FEZ	SPDR Euro Stoxx 50	Europe Stock	8	5.39%	4.03%	5.19%	16.80%	18.65%	-8.41%
IWW	S&P 500/BARRA Growth	Large Growth	7	6.39%	3.00%	7.06%	9.61%	3.24%	-24.40%
HEDJ	WisdomTree Europe Hedged Equity	Europe Equities	7	1.15%	3.40%	6.48%	16.45%	13.36%	-0.90%
VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	7	6.45%	2.99%	7.06%	9.63%	3.24%	-24.41%
EZU	European Monetary Union Index	Europe Stock	7	4.53%	2.62%	3.94%	15.10%	16.32%	-11.84%
EWQ	iShares France Index	Europe Stock	7	5.06%	4.12%	5.35%	15.31%	16.84%	-5.59%
EWV	iShares Mexico Index	Latin America Stock	7	0.41%	4.53%	3.79%	18.56%	14.37%	-2.79%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equi	6	5.88%	2.78%	4.29%	11.77%	11.06%	-17.83%
IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	6	5.96%	2.54%	6.53%	9.13%	3.04%	-24.07%
EDV	Vanguard Extended Duration Treasury	Government Bonds	6	6.99%	4.10%	0.54%	11.65%	2.75%	-48.15%
IEV	S&P Europe 350 Index	Europe Stock	6	5.02%	2.45%	3.41%	11.86%	13.10%	-9.15%
ZROZ	PIMCO 25 Yr Zero Coupon US Treas Idx Exchg-Tra	Government Bonds	6	6.75%	3.92%	-0.14%	11.92%	1.76%	-48.56%
EWI	iShares Italy Index	Europe Stock	6	3.07%	1.28%	4.18%	14.63%	17.42%	-10.41%
EWL	iShares Switzerland Index	Europe Stock	6	7.59%	3.80%	3.91%	10.16%	9.65%	-12.88%
EWG	iShares Germany Index	Europe Stock	6	3.81%	1.60%	2.92%	15.57%	16.94%	-21.66%
SPYG	S&P 500 Growth	Large Cap Growth	6	6.38%	2.97%	7.03%	9.61%	3.23%	-24.41%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	5	4.57%	1.21%	3.80%	8.51%	5.70%	-15.48%
RWM	ProShares Short Russell2000	Inverse Equities	5	3.49%	8.69%	6.62%	0.16%	2.91%	-60.96%
JXI	iShares S&P Global Utilities	Utilities Equities	5	8.75%	7.14%	0.92%	3.71%	4.50%	-7.54%
TLT	iShares 20+ Treas. Bd	Government Bonds	5	6.33%	3.80%	0.71%	9.01%	2.50%	-36.74%

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HEWG	iShares Currency Hedged MSCI Germany	Europe Equities	5	1.01%	0.39%	3.11%	14.37%	12.58%	-9.23%
VGK	Vanguard European	Europe Equities	5	4.11%	1.65%	2.62%	11.06%	11.97%	-12.79%
IHDG	WisdomTree International Hedged Dividend Growth	Foreign Large Cap Equi	5	3.90%	2.66%	4.07%	10.55%	3.01%	-15.18%
SPHQ	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	5	4.78%	2.16%	3.70%	7.52%	6.30%	-11.93%
TLH	iShares Lehman 10-20 Yr Treasury	Government Bonds	5	6.45%	3.61%	1.02%	7.60%	3.01%	-32.46%
EWN	iShares Netherlands Index	Europe Stock	5	4.50%	-0.21%	0.91%	12.84%	12.56%	-21.87%
HEZU	iShares Currency Hedged MSCI Eurozone	Europe Equities	5	1.38%	1.19%	3.78%	13.64%	2.02%	-18.93%
EWS	iShares Singapore Index	Pacific Asia/excl. Japan	4	6.09%	0.45%	2.56%	6.43%	7.22%	-28.98%
IVV	S&P 500	Large Blend	4	4.47%	0.47%	3.06%	6.98%	3.83%	-14.34%
XLY	Consumer Discretionary Sec.*	Consumer Discretionary	4	3.83%	-3.32%	4.72%	12.21%	-1.08%	-31.45%
DBEU	Deutsche X-Trackers MSCI Europe Hedged	Europe Equities	4	1.49%	0.82%	2.76%	10.21%	9.02%	-0.81%
EWT	iShares Taiwan Index	Pacific Asia/excl. Japan	4	2.23%	-0.55%	3.58%	11.78%	-2.67%	-33.76%
DBA	PowerShares DB Agriculture Fd	Agriculture Commoditie	4	3.51%	3.30%	5.90%	2.48%	2.97%	-10.06%
EWU	iShares United Kingdom Index	Europe Stock	4	3.99%	1.75%	2.13%	7.83%	9.17%	-12.72%
SPY	SPDR S&P 500	Large Cap Blend	4	4.50%	0.52%	3.08%	7.00%	3.89%	-14.34%
ACWI	iShares MSCI ACWI	Global Equities	4	4.29%	0.42%	2.21%	7.52%	5.27%	-14.89%
IXJ	S&P Global Healthcare	Health & Biotech Equiti	4	8.22%	3.19%	1.32%	1.33%	4.67%	-30.11%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equi	4	3.27%	0.90%	2.05%	8.97%	9.77%	-14.10%
IEF	iShares Lehman 7-10 Yr Treasury	Government Bonds	4	5.14%	3.13%	0.96%	4.91%	2.09%	-18.35%
VCR	Vanguard Consumer Discretionary	Consumer Discretionary	4	3.02%	-3.43%	3.90%	11.90%	-0.22%	-31.09%
SCHF	Schwab International Equity	Foreign Large Cap Equi	4	3.37%	0.43%	1.72%	8.60%	8.18%	-14.35%
IYC	iShares US Consumer Services	Consumer Discretionary	4	3.59%	-2.99%	3.27%	11.04%	1.81%	-77.17%
VV	Vanguard LargeCap	Large Cap Blend	4	4.46%	0.47%	3.23%	7.17%	3.75%	-15.81%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equi	4	0.82%	0.89%	3.29%	9.15%	-2.92%	-18.88%
VOO	Vanguard S&P 500	Large Cap Blend Equiti	4	4.48%	0.49%	3.05%	7.00%	3.81%	-14.41%
BLV	Vanguard Long Term Bond	Long-Term Bond	4	6.05%	2.75%	-0.10%	7.37%	2.71%	-33.82%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equi	4	3.67%	1.35%	2.54%	9.60%	10.51%	-12.41%
DWX	SPDR S&P International Dividend	Foreign Large Cap Equi	4	4.27%	2.11%	2.20%	7.95%	6.62%	-18.69%
SCHB	Schwab U.S. Broad Market	All Cap Equities	3	3.36%	-0.71%	2.06%	6.29%	2.94%	-58.11%
IEI	iShares Lehman 3-7 Yr. Treasury	Government Bonds	3	3.86%	2.42%	0.97%	3.26%	1.89%	-11.53%
EWK	iShares Belgium Index	Europe Stock	3	4.84%	1.92%	0.53%	6.47%	11.14%	-17.79%
SCHP	Schwab U.S. TIPs	Inflation-Protected Bond	3	4.27%	2.76%	1.92%	4.31%	0.96%	-15.45%
ITOT	iShares Core S&P Total U.S. Stock Market	All Cap Equities	3	3.34%	-0.68%	2.04%	6.29%	2.87%	-16.26%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	3	4.03%	0.04%	2.77%	6.82%	3.47%	-57.90%
LQD	iShares iBoxx \$ Liquid Invest. Gr.	Corporate Bonds	3	4.77%	1.67%	-0.45%	4.65%	2.30%	-20.71%
IHI	iShares DJ US Medical Devices	Health & Biotech Equiti	3	5.60%	1.21%	0.57%	3.23%	4.31%	-85.39%
ITB	iShares DJ US Home Construction	Building and Constructi	3	0.41%	-1.95%	2.57%	12.05%	11.00%	-18.23%
SCHR	Schwab Intermediate-Term U.S. Treasury	Government Bonds	3	4.09%	2.46%	0.79%	3.37%	1.65%	-13.69%
HEWJ	iShares Currency Hedged MSCI Japan	Japan Equities	3	-2.35%	0.82%	5.53%	8.03%	-15.90%	-32.30%
VCIT	Vanguard Intermediate-Term Corporate Bond	Corporate Bonds	3	4.25%	1.55%	0.31%	4.18%	2.42%	-16.90%
GSLC	Goldman Sachs ActiveBeta U.S. Large CaP	Large Cap Blend Equiti	3	4.00%	0.40%	2.91%	6.53%	3.56%	-15.19%
BBH	VanEck Vectors Biotech	Health & Biotech	3	7.76%	1.53%	-1.00%	3.39%	4.95%	-25.18%
DBJP	Deutsche X-Trackers MSCI Japan Hedged	Japan Equities	3	-2.12%	1.01%	5.70%	8.41%	4.08%	-3.07%
VT	Vanguard Total World Stock Index	Global Equities	3	3.36%	-0.48%	1.51%	6.72%	4.45%	-15.79%

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VTI	Total Stock Market VIPERs	All Cap Equities	3	3.37%	-0.70%	2.01%	6.28%	2.84%	-16.37%
VGIT	Vanguard Intermediate-Term Gov Bonds	Government Bonds	3	4.11%	2.52%	0.88%	3.51%	1.82%	-14.57%
IWB	Russell 1000 Index	Large Blend	3	3.93%	-0.10%	2.62%	6.69%	3.37%	-15.60%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	3	2.95%	-0.02%	1.21%	8.01%	7.89%	-15.16%
IWV	Russell 3000 Index	All Cap Equities	3	3.43%	-0.63%	2.09%	6.24%	2.87%	-16.00%
IXUS	iShares Core MSCI Total International Stock	Global Equities	3	3.27%	-0.18%	0.47%	7.38%	7.18%	-17.71%
VCLT	Vanguard Long-Term Corporate Bond	Corporate Bonds	3	5.96%	1.92%	-1.27%	6.45%	2.67%	-28.66%
BIV	Vanguard Intermed. Term Bond	Intermediate-Term Bon	3	4.45%	2.38%	0.81%	4.24%	2.24%	-17.91%
BAB	PowerShares Build America Bond Portfolio	National Munis	3	3.53%	2.14%	1.45%	5.95%	2.70%	-21.36%
ACWX	iShares MSCI ACWI ex US	Global Equities	3	3.71%	-0.04%	0.51%	7.63%	7.45%	-17.20%
FXB	CurrencyShares British Pound	Currency	3	4.28%	2.75%	1.88%	2.98%	4.66%	-17.78%
ACVV	iShares Edge MSCI Min Vol Global	Global Equities	3	5.55%	3.01%	1.24%	3.28%	3.35%	-9.36%
GOVT	iShares Core U.S. Treasury Bond	Government Bonds	3	3.78%	2.39%	0.90%	3.83%	1.82%	-16.64%
DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreign Large Cap Equi	3	0.72%	0.95%	3.17%	9.12%	0.24%	-11.94%
XLP	Consumer Staples Select *	Consumer Staples	3	5.46%	4.23%	1.30%	1.09%	3.08%	-6.47%
VXUS	Vanguard Total International Stock	Global Equities	3	3.07%	-0.36%	0.27%	7.08%	6.44%	-17.96%
VDC	Vanguard Consumer Staples	Consumer Staples Equi	3	5.28%	3.95%	1.43%	1.77%	3.27%	-6.40%
TIP	iShares TIPS Bond Fd	Inflation-Protected Bond	3	4.35%	2.85%	1.95%	4.43%	1.60%	-15.06%
VPU	Vanguard Utilities VIPERS	Utilities Equities	2	6.23%	4.61%	-2.80%	-0.95%	0.02%	-10.34%
MUB	iShares S&P National Muni Bond	National Munis	2	2.59%	0.89%	0.58%	2.66%	2.35%	-8.15%
PZA	Pshares Insured National Munis	National Munis	2	3.59%	0.93%	0.63%	4.53%	3.24%	-12.86%
VTIP	Vanguard Short-Term Inflation-Protected Securities	Inflation-Protected Bond	2	2.52%	2.09%	2.04%	2.72%	-0.19%	-9.13%
FXE	CurrencyShares Euro Currency Trust	Currency	2	3.29%	1.78%	0.70%	2.05%	5.59%	-16.30%
AGG	iShares Lehman Aggregate Bond	Intermediate-Term Bon	2	3.59%	1.61%	0.15%	3.56%	1.54%	-16.04%
EWJ	iShares Japan Index	Japan Stock	2	0.59%	0.03%	2.26%	6.19%	5.99%	-22.00%
ASHR	Deutsche X-Trackers China A-Shares	China Equities	2	4.61%	-2.32%	-1.45%	6.89%	2.49%	-35.45%
XLU	Utilities Select Sector *	Utilities Equities	2	6.66%	5.15%	-2.49%	-0.98%	0.15%	-10.64%
BSV	Vanguard Short Term Bond	Total Bond Market	2	2.44%	1.48%	0.77%	1.95%	1.31%	-7.86%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equi	2	1.28%	-0.51%	0.45%	6.91%	9.28%	-17.66%
HDGE	Ranger Equity Bear	Inverse Equities	2	4.67%	10.64%	-0.04%	-8.83%	-4.13%	-76.66%
GVI	iShares Lehman Intern. Govt/Credit	Total Bond Market	2	3.04%	1.71%	0.70%	2.61%	1.47%	-11.17%
TOTL	SPDR DoubleLine Total Return Tactical	Total Bond Market	2	2.74%	0.76%	0.05%	3.12%	0.73%	-17.99%
SCHZ	Schwab US Aggregate Bond	Total Bond Market	2	3.62%	1.61%	0.06%	3.59%	1.56%	-16.92%
USMV	iShares Edge MSCI Min Vol USA	All Cap Equities	2	5.19%	2.10%	-0.07%	1.98%	2.45%	-9.27%
BWX	SPDR Lehman Intl Treasury Bond	World Gov Bond	2	5.32%	1.40%	-0.30%	3.30%	3.49%	-26.33%
DXJ	Wisdom Tree Japan Hedged Equity	Japan Stock	2	-4.48%	0.73%	5.28%	7.70%	4.43%	-5.23%
EWC	iShares Canada Index	Foreign Large Cap Equi	2	3.36%	-1.65%	-0.58%	5.41%	2.00%	-15.15%
RHS	Guggenheim S&P 500 = Wt. Consum Staples	Consumer Staples	2	4.48%	3.30%	0.36%	0.71%	2.33%	-4.97%
BOND	PIMCO Total Return Active Exchange-Traded	Total Bond Market	2	2.62%	0.58%	-0.27%	3.18%	1.08%	-17.51%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	2	1.54%	-1.35%	0.03%	6.58%	5.33%	-23.91%
VEU	Vanguard FTSE All-World ex-US	Global Equities	2	3.15%	-0.43%	0.17%	7.00%	6.43%	-17.82%
BNDX	Vanguard Total International Bond	Total Bond Market	2	2.47%	1.11%	0.76%	3.33%	0.53%	-17.24%
IYK	Dow Jones US Cons. Goods	Consumer Staples Equi	2	5.66%	3.86%	0.50%	-0.43%	2.51%	-5.39%
IYH	Dow Jones US Healthcare	Specialty-Health	2	6.94%	2.16%	-0.43%	-0.86%	2.74%	-6.83%

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BND	Vanguard Total Bond Market	Intermediate-Term Bon	2	3.66%	1.72%	0.30%	3.62%	1.65%	-16.81%
IDU	Dow Jones US Utilities	Utilities Equities	2	6.29%	4.83%	-2.06%	-0.75%	0.09%	-51.49%
EWD	iShares Sweden Index	Europe Stock	2	2.57%	-1.54%	-0.82%	8.54%	8.31%	-28.95%
ITA	iShares DJ US Aerospace&Defense	Industrials Equities	1	0.26%	0.25%	0.62%	2.29%	6.72%	-52.29%
IWP	Russell MidCap Growth	Mid-Cap Growth	1	-0.09%	-3.25%	1.53%	6.28%	2.65%	-27.93%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	1	4.37%	-3.21%	-3.49%	4.61%	3.48%	-33.60%
IVE	S&P 500/BARRA Value	Large Value	1	2.36%	-2.20%	-1.18%	4.13%	3.89%	-5.27%
VCSH	Vanguard Short-Term Corporate Bond	Corporate Bonds	1	1.93%	0.73%	0.26%	1.60%	1.05%	-8.24%
FLTB	Fidelity Limited Term Bond	Corporate Bonds	1	2.05%	0.87%	0.43%	1.71%	1.13%	-7.73%
XLV	Health Care Select SPDR *	Health & Biotech Equiti	1	6.76%	1.73%	-0.99%	-1.72%	2.07%	-6.52%
VVOB	Vanguard Emerging Markets Gov Bonds	Emerging Markets Bond	1	2.34%	-0.37%	-1.79%	1.89%	1.51%	-25.39%
FXG	1st Trust Consumer Staples	Consumer Staples Equi	1	3.48%	1.27%	-1.78%	-0.54%	0.19%	-8.08%
VSS	Vanguard FTSE All-Wld ex-US SmCP Idx	Foreign Small & Mid Ca	1	1.12%	-1.65%	-0.38%	5.90%	4.11%	-23.33%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	1	1.40%	-1.92%	-0.13%	4.72%	4.27%	-21.33%
VOT	Vanguard Mid-Cap Growth	Mid-Cap Growth	1	-0.11%	-3.74%	0.90%	5.64%	1.34%	-28.55%
FBT	1st Trust Biotechnolgy Index	Health & Biotech Equiti	1	5.06%	-1.80%	-2.17%	2.20%	5.94%	-14.78%
FXU	1st Trust Utilities AlphaDEX	Utilities Equities	1	4.06%	3.28%	-1.74%	0.39%	0.96%	-7.65%
VIG	Vanguard Div. Appreciation	Large Cap Value Equiti	1	3.32%	-0.12%	-1.19%	1.71%	2.59%	-10.31%
DEM	WisdomTree Emerg. Mkts Hi-Yld E.	Emerging Mkts Equities	1	1.21%	-0.29%	-1.05%	5.92%	4.07%	-24.92%
VGSH	Vanguard Short-Term Government	Government Bonds	1	1.93%	1.26%	0.65%	1.40%	0.86%	-5.95%
PHB	PowerShares High Yield Corp Bond	High Yield Bonds	1	2.52%	0.34%	-0.96%	2.22%	1.53%	-11.03%
SCHO	Schwab Short-Term U.S. Treasury	Government Bonds	1	1.88%	1.16%	0.51%	1.26%	0.67%	-5.57%
EWY	iShares S. Korea Index	Pacific Asia/excl. Japan	1	3.84%	-4.40%	-3.23%	6.16%	3.93%	-37.68%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equi	1	0.38%	-1.25%	-0.05%	6.76%	8.07%	-11.97%
VHT	Vanguard Health Care	Health & Biotech Equiti	1	6.31%	1.22%	-1.15%	-1.19%	1.77%	-8.38%
DIA	SPDR Dow Jones Industrial Average	Large Cap Value	1	3.66%	-0.65%	-2.08%	1.08%	2.88%	-8.96%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	1	0.46%	-2.23%	-0.80%	4.78%	5.50%	-25.16%
DFE	Wisdom Tree Europe SmCap Div.	Europe Stock	1	-0.48%	-2.62%	-0.70%	6.49%	6.51%	-26.34%
SHY	iShares Lehman 1-3 Year Treasury	Government Bonds	1	1.96%	1.32%	0.70%	1.45%	0.85%	-5.13%
SPLV	PowerShares S&P 500 Low Volat.	Large Cap Blend	1	5.01%	1.75%	-1.84%	-0.70%	1.32%	-8.60%
HDV	iShares Core High Dividend	Large Cap Value Equiti	0	3.95%	0.22%	-3.05%	-0.89%	1.17%	-6.01%
FXH	1st Trust Health Care AlphaDEX	Health & Biotech Equiti	0	4.37%	-1.70%	-1.52%	0.25%	2.43%	-14.92%
FXY	CurrencyShares Japanese Yen Trust	Currency	0	3.24%	-0.21%	-2.15%	-0.59%	3.60%	-26.90%
IBB	Nasdaq Biotechnology	Health & Biotech Equiti	0	5.73%	-1.02%	-3.00%	-0.18%	2.10%	-61.55%
FTSM	First Trust Enhanced Short Maturity	Total Bond Market	0	0.17%	0.10%	0.07%	0.25%	0.21%	-1.05%
FNDX	Schwab Fundamental U.S. Large Company Index	Large Cap Value Equiti	0	2.01%	-2.16%	-1.52%	2.71%	2.10%	-8.36%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equit	0	3.26%	-2.50%	-3.31%	4.41%	2.61%	-29.80%
HYG	iShares Lehman Hi-Yield Corp.	High Yield Bond	0	1.92%	-0.69%	-2.35%	1.64%	0.01%	-15.88%
JNK	Barclays Cap. High Yield Bond	High Yield Bond	0	2.03%	-0.61%	-2.12%	2.10%	-0.02%	-71.71%
PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	0	-0.63%	-2.63%	-0.47%	3.88%	0.51%	-26.88%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	0	3.55%	-2.93%	-4.00%	3.93%	2.09%	-32.04%
EMB	iShares Emerging Markets Bond	Emerging Market Bond	0	2.23%	-0.51%	-2.20%	1.77%	1.44%	-27.02%
PCY	PowerShares Emerging Markets Sovereign Debt Po	Emerging Markets Bond	0	2.12%	-1.23%	-2.48%	3.11%	2.86%	-37.80%
VVO	Vanguard Emerging Markets	Emerging Markets Equit	0	2.92%	-2.25%	-3.27%	3.87%	1.63%	-28.32%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
PJP	Dynamic Pharmaceuticals	Health & Biotech Equiti	0	4.20%	0.44%	-2.59%	-1.54%	1.45%	-7.36%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equit	0	3.15%	-2.23%	-3.79%	3.89%	1.36%	-28.99%
PPLT	ETFS Physical Platinum Shares	Precious Metals	0	6.60%	5.73%	-5.52%	-5.95%	5.80%	-21.82%
HYS	PIMCO 0-5 Year High Yield Corp Bond	High Yield Bonds	0	0.67%	-0.99%	-1.84%	1.05%	-0.13%	-11.51%
SJNK	SPDR Barclays Short Term High Yield Bond	High Yield Bonds	0	0.82%	-0.89%	-1.72%	1.36%	0.03%	-12.69%
IHF	iShares DJ US Healthcare Provid's	Health & Biotech Equiti	0	5.08%	-1.50%	-1.49%	-3.46%	-2.65%	-12.66%
BKLN	PowerShares Exchange-Traded Fund Trust	High Yield Bonds	0	-0.33%	-1.18%	-1.32%	1.61%	0.02%	-10.93%
SHYG	iShares 0-5 Year High Yield Corporate Bond	High Yield Bonds	0	0.88%	-0.67%	-1.78%	0.98%	0.04%	-14.03%
CWB	SPDR Barclays Convertible Securities	Convertible Bonds	0	-0.36%	-3.16%	-0.61%	3.05%	-0.24%	-28.09%
DBC	PowerShares DB Commodity Index	Commodities	0	2.99%	0.54%	-1.75%	-2.15%	-2.70%	-21.00%
RSX	Market Vectors Russia	Emerging Markets Equit	0	0.00%	0.00%	0.00%	-0.53%	-0.37%	-83.14%
IHE	iShares DJ US Pharmaceuticals	Health & Biotech Equiti	0	5.34%	-1.22%	-3.31%	-2.33%	-0.10%	-9.92%
DOG	ProShares Short Dow 30	Bear Market	0	-3.80%	0.61%	2.51%	-0.57%	-2.97%	-62.95%
DGRO	iShares Core Dividend Growth	Large Cap Value Equiti	0	2.62%	-1.24%	-1.97%	0.44%	1.29%	-10.42%
XPH	SPDR Pharmaceuticals	Health & Biotech Equiti	0	2.33%	-2.91%	-1.61%	1.71%	-1.22%	-25.64%
MTUM	iShares Edge MSCI USA Momentum Factors	All Cap Equities	0	3.37%	0.08%	-2.44%	-2.65%	-0.14%	-26.67%
MCHI	iShares MSCI China	China Equities	0	6.56%	-5.60%	-6.21%	4.69%	4.02%	-48.83%
IXC	S&P Global Energy	Energy Equities	0	1.94%	-0.76%	-2.77%	-0.05%	3.38%	-8.52%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equit	0	2.24%	-0.58%	-3.58%	0.35%	-0.86%	-29.70%
GSG	iShares GSCI Commodity Index	Commodities.	0	3.51%	0.44%	-1.34%	-2.87%	-3.03%	-21.72%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	0	2.43%	-3.93%	-2.75%	3.37%	4.17%	-18.05%
NOBL	ProShares S&P 500 Dividend Aristocrats	Large Cap Value Equiti	0	1.50%	-1.14%	-2.78%	0.50%	1.05%	-8.37%
EWA	iShares Australia Index	Asia Pacific Equities	-1	1.94%	-4.90%	-3.11%	3.87%	3.34%	-15.67%
IWD	Russell 1000 Value	Large Value	-1	1.34%	-3.26%	-3.54%	0.52%	0.53%	-10.60%
VBK	Vanguard SmallCap Growth	Small Cap Growth	-1	-1.31%	-5.60%	-1.61%	5.27%	-0.35%	-30.97%
IYM	Dow Jones US Basic Mat's	Materials	-1	-1.38%	-2.94%	-3.82%	4.40%	3.80%	-15.43%
XLB	Materials Select Sector *	Materials	-1	-0.31%	-2.57%	-4.38%	2.51%	2.38%	-12.12%
FXI	iShares China 25 Index	China Equities	-1	6.94%	-5.58%	-7.43%	3.50%	2.49%	-46.23%
IYZ	Down Jones US Telecom	Commun. Equities	-1	2.37%	-1.84%	-5.22%	2.05%	-2.69%	-37.36%
VTV	Vanguard Value	Large Cap Value	-1	1.71%	-2.39%	-3.68%	-1.01%	0.77%	-7.86%
PEZ	PowerShares Consumer Cyclical	All Cap Equities	-1	-1.81%	-4.27%	-0.73%	4.04%	1.20%	-34.84%
REZ	iShares Residential Real Estate Capped	Specialty-Real Estate	-1	-0.59%	-6.04%	-2.41%	3.88%	-4.88%	-28.42%
PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	-1	1.21%	-3.12%	-2.93%	0.97%	0.72%	-10.73%
FLOT	iShares Floating Rate Bond	Corporate Bonds	-1	-0.97%	-0.71%	-0.40%	-0.26%	-0.22%	-1.74%
PIN	PowerShares India Portfolio	Emerging Markets Equit	-1	0.67%	-0.47%	-3.10%	-1.55%	-9.54%	-60.30%
INDY	iShares S&P India Nifty 50 Index Fund	Emerging Markets Equit	-1	0.99%	-0.50%	-2.70%	-1.37%	-3.08%	-22.26%
FTGC	First Trust Global Tactical Commodity Strategy	Commodities	-1	1.55%	-0.76%	-2.43%	-3.47%	-6.98%	-24.86%
XHB	SPDR Series Trust SPDR Home Builders	Building & Construction	-1	-3.76%	-6.44%	-2.54%	6.90%	3.31%	-25.26%
UUP	PowerShares DB US Dollar Bullish	Currency	-1	-2.77%	-0.54%	0.95%	-0.25%	-3.24%	-9.55%
IJK	S&P MidCap 400/BARRA Growth	Mid-Cap Growth	-1	-1.77%	-4.05%	-1.78%	2.43%	0.24%	-72.78%
IDV	iShares International Select Dividend	Foreign Large Cap Equi	-1	0.40%	-3.25%	-4.32%	1.91%	3.87%	-22.85%
VAW	Vanguard Materials VIPERS	Materials	-2	-1.16%	-3.29%	-4.47%	2.76%	2.36%	-12.33%
VLUE	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	-2	0.17%	-4.76%	-4.26%	0.91%	-1.04%	-19.97%
VO	Vanguard Mid-Cap	Mid-Cap Blend	-2	-1.15%	-5.52%	-3.24%	1.61%	-0.73%	-20.71%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
VYM	Vanguard High Div. Yield Index	Large Cap Value	-2	1.49%	-2.68%	-4.65%	-2.12%	-0.20%	-7.90%
XLE	Energy Select Sector *	Energy Equities	-2	1.53%	-2.11%	-5.39%	-2.85%	2.46%	-9.67%
FXD	First Trust Cons. Discret. AlphaDEX	Consumer Discretionary	-2	-2.38%	-7.33%	-4.09%	4.73%	1.69%	-23.06%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	-2	-0.21%	-2.65%	-2.89%	-0.38%	-2.99%	-31.64%
IWR	Russell MidCap Index Fs	Mid-Cap Blend	-2	-1.45%	-5.76%	-3.39%	1.70%	-0.57%	-69.39%
EWH	iShares Hong Kong Index	China Equities	-2	1.75%	-4.26%	-5.61%	-0.62%	2.64%	-25.69%
EWM	iShares Malaysia Index	Emerging Markets Equit	-2	3.49%	-2.92%	-4.30%	-2.54%	0.85%	-38.96%
IYT	Dow Jones Transportation	Transportation Equities	-2	-3.18%	-6.02%	-4.25%	4.01%	-0.69%	-20.66%
EPHE	iShares MSCI Philippines	Emerging Markets Equit	-2	1.18%	-5.53%	-5.29%	1.83%	2.26%	-33.97%
ILF	iShares S&P 40 Latin America	Latin America Stock	-2	-2.66%	-2.01%	-5.94%	2.45%	-3.41%	-40.63%
PFF	iShares S&P Preferred Stock	Preferred Stock/Convert	-2	-1.99%	-5.50%	-4.19%	1.80%	-3.60%	-22.84%
RSP	Guggenheim S&P Equal Weight	Large Blend	-2	-0.29%	-4.92%	-3.79%	1.30%	0.33%	-12.86%
ECH	iShares Chile Index	Latin America	-2	-5.01%	-5.40%	0.00%	1.51%	2.88%	-51.04%
GNR	SPDR S&P Global Natural Resources	Commodity Producers	-2	0.11%	-3.89%	-5.68%	-0.04%	2.13%	-12.68%
IWO	Russell 2000 Growth	Small Growth	-2	-2.65%	-5.72%	-3.45%	3.02%	-1.54%	-34.35%
EZA	iShares South Africa Index	Emerging Markets Equit	-2	6.25%	-2.97%	-10.27%	0.17%	1.75%	-44.09%
RWX	SPDR DJ Wil Intern. RE	Real Estate	-2	1.60%	-5.00%	-5.71%	-0.67%	-1.42%	-38.32%
DJP	Bloomberg Commodity Index	Commodities	-2	2.91%	-1.03%	-3.95%	-5.58%	-5.47%	-22.74%
SCHV	Schwab U.S. Large-Cap Value	Large Cap Value Equiti	-2	0.89%	-3.46%	-4.49%	-0.79%	0.03%	-11.71%
SDY	SPDR Dividend ETF	Large Value	-2	0.29%	-3.30%	-4.96%	-1.75%	-1.07%	-7.12%
TUR	iShares Turkey Investment Index	Emerging Markets Equit	-2	-10.11%	12.82%	-1.13%	-10.32%	14.84%	-29.58%
IGE	iShares North American Natural Resources	Commodity Producers	-2	1.94%	-2.15%	-5.48%	-1.55%	1.43%	-11.89%
FDL	1st Trust Morningstar Div. Lead's	Large Cap Value	-3	0.85%	-4.10%	-5.75%	-2.22%	-1.07%	-8.75%
FEX	First Trust Large Cap Core AlphaDEX	Large Cap Blend Equity	-3	-0.87%	-5.55%	-4.78%	-0.57%	-1.16%	-14.38%
DVY	iShares Select Dividend Index	Large Cap Value	-3	0.47%	-4.13%	-5.74%	-2.22%	-1.58%	-10.76%
INDA	iShares MSCI India	Emerging Markets Equit	-3	0.91%	-0.79%	-5.91%	-4.29%	-3.96%	-21.33%
RWO	SPDR DJ Wilshire Global Real Estate	Global Real Estate	-3	-1.04%	-7.13%	-5.59%	0.39%	-3.64%	-27.39%
PGX	PowerShares Preferred Portfolio	Preferred Stock/Convert	-3	-2.20%	-7.00%	-5.09%	3.31%	-4.11%	-25.34%
XLI	Industrial Select Sector *	Industrial Equities	-3	-3.08%	-3.60%	-4.69%	-0.45%	1.70%	-8.73%
IYJ	Dow Jones US Industrial	Industrial Equities	-3	-2.32%	-4.55%	-4.29%	0.86%	1.20%	-49.58%
VXF	Vanguard Extended Markets VIPERS	Mid Cap Blend	-3	-2.80%	-7.18%	-3.48%	2.57%	-2.31%	-31.86%
IYE	Dow Jones US Energy	Specialty-Natural Res.	-3	0.86%	-2.40%	-6.13%	-3.79%	0.61%	-11.43%
VDE	Vanguard Energy VIPERS	Energy Equities	-3	0.76%	-2.65%	-5.73%	-3.38%	1.18%	-11.15%
SCHD	Schwab US Dividend Equity	All Cap Equities	-3	0.16%	-4.13%	-6.32%	-3.42%	-1.50%	-10.96%
MDY	MidCap Trust Series I	Mid-Cap Blend	-3	-3.12%	-6.99%	-4.64%	0.86%	-0.84%	-15.90%
VNQI	Vanguard Global ex-U.S. Real Estate	Global Real Estate	-3	1.31%	-5.13%	-5.74%	-0.68%	-1.99%	-36.97%
VIS	Vanguard Industrials	industrials Equities	-3	-3.96%	-4.83%	-4.43%	0.39%	1.17%	-11.63%
GUNR	FlexShares Global Upstream Natural Resources	Commodity Producers	-3	0.71%	-4.32%	-7.00%	-2.21%	0.93%	-13.12%
ICF	Cohen & Steers Realty	Real Estate	-3	-0.07%	-7.05%	-6.40%	0.53%	-4.80%	-56.24%
SDOG	ALPS Sector Dividend Dogs	Large Cap Value Equiti	-3	0.63%	-5.01%	-6.69%	-0.78%	-0.56%	-11.16%
IFGL	iShares FTSE EPRA/NAREIT Global Real Estate	Global Real Estate	-3	1.60%	-5.50%	-5.88%	-0.43%	-1.50%	-33.87%
SPHD	PowerShares S&P 500 HiDivLowVol	Large Cap Value	-4	0.60%	-4.78%	-7.37%	-3.63%	-3.07%	-14.22%
SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	-4	-3.64%	-8.06%	-5.47%	0.77%	-2.72%	-62.94%
RWR	Wilshire REIT Fund	Real Estate	-4	-2.06%	-7.95%	-5.61%	0.94%	-4.57%	-27.99%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
SH	Short S&P 500 ProShares ETF	Inverse Equities	-4	-4.87%	-0.66%	-2.78%	-6.24%	-4.22%	-63.91%
SCHH	Schwab U.S. REIT	Real Estate	-4	-0.72%	-7.33%	-6.48%	0.26%	-4.76%	-63.29%
DHS	Wisdom Tree High-Yield Equity	Large Cap Value	-4	-0.05%	-4.95%	-6.53%	-3.86%	-2.00%	-9.27%
PKW	PowerShares Buyback Achievers	All Cap Equities	-4	-1.47%	-6.13%	-5.23%	-1.57%	-0.36%	-14.16%
VNQ	Vanguard REIT Index	Real Estate	-4	-1.42%	-8.10%	-7.15%	-0.11%	-5.75%	-28.98%
SCHM	Schwab U.S. Mid Cap	Mid Cap Blend Equities	-4	-2.90%	-7.07%	-5.03%	0.94%	-1.61%	-20.58%
PGF	PowerShares Fin. Preferred Portf.	Specialty-Financial	-4	-3.43%	-7.46%	-5.73%	1.67%	-4.29%	-25.04%
PEY	PowerShares Hi Yields Div. Achiev's	Mid-Cap Value	-4	0.40%	-4.19%	-7.24%	-3.96%	-3.39%	-11.61%
VB	Vanguard SmallCap	Small Cap Blend	-4	-3.50%	-7.85%	-5.37%	0.69%	-2.47%	-22.80%
VRP	PowerShares Variable Rate Preferred Portfolio	Preferred Stock	-4	-3.90%	-5.58%	-4.40%	-1.07%	-2.23%	-16.32%
EWZ	iShares Brazil Index	Latin America Stock	-4	-2.24%	-2.59%	-8.88%	-3.15%	-7.82%	-44.04%
IYR	Dow Jones US Real Estate	Real Estate	-4	-0.79%	-7.57%	-6.95%	0.04%	-5.08%	-27.48%
XME	SPDR S&P Metals & Mining	Commodity Producers	-4	-5.45%	-6.92%	-7.43%	3.11%	1.92%	-22.00%
IWS	Russell MidCap Value	Mid-Cap Value	-4	-2.26%	-7.11%	-5.99%	-0.71%	-2.27%	-15.37%
IEO	iShares DJ Oil & Gas Expl.&Prod.	Energy Equities	-4	0.13%	-2.71%	-7.52%	-5.52%	-3.31%	-17.19%
IJH	S&P MidCap 400	Mid-Cap Blend	-4	-3.25%	-7.11%	-4.73%	0.78%	-1.01%	-16.09%
EFZ	ProSharesShort MSCI EAFE	Inverse Equities	-4	-3.82%	-1.24%	-2.03%	-8.15%	-10.10%	-48.53%
IJT	S&P SmallCap 600/BARRA Growth	Small Growth	-5	-3.64%	-7.56%	-6.03%	-0.93%	-4.21%	-48.79%
XRT	SPDR S&P Retail *	Consumer Discretionary	-5	-4.49%	-11.51%	-6.82%	1.75%	-3.83%	-40.95%
THD	iShares Thailand Capped Invest Mrkt Idx	Emerging Markets Equit	-5	1.21%	-6.00%	-9.83%	-3.98%	1.06%	-29.03%
TBF	ProShares Short 20+Year Treasury	Inverse Bonds	-5	-6.85%	-4.53%	-1.48%	-8.86%	-4.07%	-16.21%
MOO	VanEck Vectors Agribusiness	Commodity Producers	-5	-3.89%	-6.00%	-6.77%	-2.12%	-4.82%	-22.44%
IJR	S&P Sm.Cap 600	Small Blend	-5	-4.53%	-8.92%	-6.57%	-0.50%	-3.68%	-21.73%
XMLV	PowerShares S&P MidCap Low Volatility Portfolio	Mid Cap Blend Equities	-5	-2.56%	-6.30%	-6.76%	-3.25%	-2.76%	-11.60%
IWM	Russell 2000	Small Blend	-5	-4.15%	-8.45%	-6.43%	-0.27%	-4.23%	-28.31%
DON	Wisdom Tree MidCap Div.	Mid-Cap Value	-5	-3.52%	-8.38%	-6.96%	-2.16%	-3.49%	-60.33%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	-5	-2.28%	-7.12%	-6.90%	-1.97%	-2.65%	-13.44%
KIE	SPDR S&P Insurance	Specialty-Financial	-5	-3.04%	-8.60%	-6.65%	-3.39%	-1.28%	-57.84%
IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	-6	-4.95%	-10.22%	-7.77%	-1.03%	-2.38%	-42.35%
DES	Wisdom Tree SmallCap Div.	Small Cap Value	-6	-5.74%	-9.59%	-7.89%	-1.90%	-4.54%	-67.34%
VBR	Vanguard SmallCap Value	Small Cap Value	-6	-5.04%	-9.50%	-7.97%	-2.44%	-3.97%	-16.58%
IJS	S&P SmallCap 600/BARRA Value	Small Value	-6	-5.43%	-10.39%	-7.24%	-0.11%	-3.17%	-47.35%
IWN	Russell 2000 Value	Small Value	-7	-5.72%	-11.18%	-9.47%	-3.60%	-6.93%	-24.42%
FXN	1st Trust Energy AlphaDEX	Energy Equities	-7	-2.49%	-5.20%	-10.46%	-8.31%	-7.29%	-19.23%
FV	First Trust Dorsey Wright Focus 5	Large Cap Value Equiti	-7	-4.96%	-6.88%	-8.48%	-5.82%	-4.39%	-14.91%
XLF	Financial Select Sector *	Financial Equities	-8	-4.62%	-12.04%	-10.77%	-6.46%	-5.70%	-22.77%
XBI	SPDR Series Trust SPDR S&P Biotech	Health & Biotech Equiti	-8	-2.36%	-10.71%	-12.57%	-7.39%	-7.25%	-55.82%
RPV	Guggenheim S&P 500 Pure Value	Large Value	-8	-3.93%	-11.62%	-11.55%	-3.86%	-4.84%	-16.17%
FPE	First Trust Preferred Securities and Income	Preferred Stock	-8	-7.80%	-11.23%	-9.42%	-5.00%	-7.35%	-23.08%
VFH	Vanguard Financials	Financials Equities	-9	-5.67%	-13.29%	-11.52%	-6.87%	-7.08%	-24.28%
URE	ProShares Ultra Real Estate	Leveraged Real Estate	-9	-1.73%	-15.35%	-14.94%	-2.02%	-12.71%	-51.24%
IYF	Dow Jones US Financial Sector	Specialty-Financial	-9	-4.76%	-12.17%	-11.03%	-6.40%	-6.12%	-50.75%
IYG	Dow Jones US Financial Serv's	Specialty-Financial	-9	-6.07%	-14.17%	-11.69%	-5.83%	-7.09%	-27.13%
TBT	ProShares UltraShort Lehman 20 Yr Treas	Leveraged Bonds	-11	-12.92%	-8.83%	-3.57%	-17.69%	-9.62%	-37.29%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
PSQ	ProShares Short QQQ	Inverse Equities	-11	-8.55%	-5.38%	-12.52%	-16.44%	-9.81%	-77.89%
FXO	1st Trust Financials AlphaDEX	Financial Equities	-13	-9.43%	-18.79%	-15.30%	-10.01%	-10.88%	-24.17%
KBE	SPDR S&P Bank	Specialty-Financial	-21	-15.12%	-26.51%	-23.20%	-19.80%	-22.08%	-40.06%
KBWB	PowerShares KBW Bank Portfolio	Financials Equities	-23	-16.58%	-28.72%	-24.68%	-20.15%	-22.40%	-45.58%
KRE	SPDR S&P Region.Banking	Specialty-Financial	-27	-19.60%	-32.46%	-29.75%	-27.43%	-29.22%	-45.89%
UNG	U.S. Natural Gas Fund	Oil & Gas	-36	-22.21%	-23.23%	-45.49%	-54.54%	-65.58%	-92.74%
IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	-53	-52.29%	-54.91%	-53.69%	-50.27%	-49.44%	-56.87%