

HV ETF Master List as of 03/30/2023

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
SMH	VanEch Vectors Semiconductor	Technology Equities	17	8.15%	3.07%	28.88%	28.79%	18.98%	-17.43%
SOXX	iShares PHLX SOX Semiconductor Sector Index	Technology Equities	16	6.95%	1.69%	27.17%	27.00%	17.34%	-20.46%
IYW	Dow Jones US Technology	Technology Equities	15	8.83%	2.76%	25.79%	22.50%	11.92%	-22.07%
XLK	Technology Select *	Technology Equities	14	8.52%	4.14%	22.86%	19.64%	11.63%	-15.72%
VGT	Vanguard Info Technology	Technolgy Equities	13	7.29%	2.60%	21.91%	18.75%	10.57%	-18.62%
QQQ	PowerShares QQQ Trust, Series 1	Large Growth	12	7.52%	1.27%	20.68%	18.55%	8.69%	-21.86%
MGK	Vanguard Mega Cap Growth	Large Cap Growth Equi	11	6.88%	0.18%	19.05%	16.71%	6.77%	-24.02%
IGV	iShares North American Tech-Software	Technology Equities	10	4.90%	0.02%	19.00%	16.20%	8.65%	-33.42%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	10	5.92%	0.02%	18.23%	15.32%	6.50%	-61.59%
EWV	iShares Mexico Index	Latin America Stock	10	1.34%	3.37%	14.01%	20.42%	16.92%	-1.26%
VUG	Vanguard Growth	Large Cap Growth	9	5.47%	-0.90%	17.09%	14.97%	5.95%	-24.76%
RING	iShares MCSI Global Gold Miners Fund	Commodity Producers	9	15.45%	1.65%	4.55%	13.08%	18.97%	-31.57%
GDXJ	VanEck Vectors Junior Gold Miners	Commodity Producers	9	15.24%	3.00%	4.48%	11.75%	18.70%	-37.80%
GDX	Mkt Vector Gold Miners	Specialty-Precious Met	9	15.44%	2.52%	6.10%	13.47%	18.82%	-26.97%
HEDJ	WisdomTree Europe Hedged Equity	Europe Equities	8	0.43%	3.12%	10.79%	16.65%	14.24%	-0.71%
FEZ	SPDR Euro Stoxx 50	Europe Stock	8	3.35%	0.83%	12.13%	15.61%	18.25%	-9.34%
IWF	Russell 1000 Growth	Large Growth	8	4.64%	-0.59%	14.54%	12.23%	5.39%	-22.32%
EWP	iShares Spain Index	Europe Stock	8	2.27%	0.98%	12.17%	15.51%	17.17%	-22.93%
GLD	SPDR Gold Shares	Precious Metals	7	7.92%	3.53%	8.01%	8.57%	11.03%	-5.01%
AGQ	ProShares Ultra Silver	Leveraged Commoditie	7	29.50%	1.15%	2.46%	-3.84%	22.67%	-55.85%
SIL	Global X Silver Miners	Commodity Producers	7	13.32%	1.99%	4.44%	9.30%	15.21%	-42.55%
EWG	iShares Germany Index	Europe Stock	7	3.61%	-1.70%	10.39%	14.76%	16.79%	-22.20%
EZU	European Monetary Union Index	Europe Stock	7	2.39%	-0.64%	10.44%	13.91%	15.78%	-12.75%
EWQ	iShares France Index	Europe Stock	7	2.31%	0.72%	10.86%	13.74%	15.95%	-6.87%
IAU	iShares Gold Trust	Precious Metals	7	7.87%	3.61%	7.99%	8.62%	11.09%	-4.69%
DBJP	Deutsche X-Trackers MSCI Japan Hedged	Japan Equities	6	0.83%	2.64%	9.34%	9.34%	5.30%	-2.23%
VOX	Vanguard Telecom Serv's	Communication Equitie	6	4.02%	-6.42%	11.90%	15.15%	4.63%	-37.14%
EWT	iShares Taiwan Index	Pacific Asia/excl. Japan	6	2.07%	-1.24%	11.54%	12.85%	-2.01%	-33.13%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equ	6	4.66%	0.11%	9.90%	11.07%	10.81%	-18.35%
EWI	iShares Italy Index	Europe Stock	6	0.56%	-0.69%	9.70%	12.92%	16.39%	-11.75%
HEZU	iShares Currency Hedged MSCI Eurozone	Europe Equities	5	-0.32%	-0.19%	7.30%	12.63%	1.13%	-19.65%
IVW	S&P 500/BARRA Growth	Large Growth	5	3.62%	-0.40%	9.99%	7.64%	1.53%	-25.75%
SPYG	S&P 500 Growth	Large Cap Growth	5	3.59%	-0.38%	9.96%	7.66%	1.54%	-25.76%
XLY	Consumer Discretionary Sec.*	Consumer Discretionar	5	1.69%	-6.73%	12.87%	12.77%	-0.38%	-31.11%
DXJ	Wisdom Tree Japan Hedged Equity	Japan Stock	5	-1.10%	3.21%	9.46%	8.88%	5.91%	-4.19%
IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	5	3.20%	-0.67%	9.67%	7.37%	1.53%	-25.29%
EWN	iShares Netherlands Index	Europe Stock	5	2.31%	-3.13%	9.51%	13.18%	13.47%	-21.63%
IEV	S&P Europe 350 Index	Europe Stock	5	1.79%	-0.60%	7.40%	10.20%	11.90%	-10.49%
VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	5	3.60%	-0.40%	9.96%	7.65%	1.52%	-25.78%
VCR	Vanguard Consumer Discretionary	Consumer Discretionar	5	0.92%	-7.07%	12.24%	12.51%	0.58%	-30.71%
HEWG	iShares Currency Hedged MSCI Germany	Europe Equities	5	0.85%	-1.16%	7.35%	13.59%	12.33%	-9.85%

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ECH	iShares Chile Index	Latin America	5	5.65%	-4.00%	10.09%	6.31%	8.23%	-48.73%
HEWJ	iShares Currency Hedged MSCI Japan	Japan Equities	5	0.64%	2.33%	9.07%	8.91%	-15.76%	-31.74%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equ	4	1.86%	-1.29%	7.12%	8.41%	9.70%	-13.36%
IYC	iShares US Consumer Services	Consumer Discretionar	4	0.80%	-6.60%	9.87%	10.97%	2.08%	-77.18%
VGK	Vanguard European	Europe Equities	4	1.11%	-1.23%	7.23%	9.65%	10.97%	-13.90%
EWJ	iShares Japan Index	Japan Stock	4	3.37%	-1.28%	8.52%	6.50%	6.59%	-21.78%
ITB	iShares DJ US Home Construction	Building and Constructi	4	1.63%	-6.60%	9.36%	12.84%	12.62%	-17.65%
IHDG	WisdomTree International Hedged Dividend Growt	Foreign Large Cap Equ	4	1.54%	0.88%	5.98%	9.46%	2.13%	-16.02%
RWM	ProShares Short Russell2000	Inverse Equities	4	6.82%	12.64%	-1.21%	-0.73%	1.76%	-61.31%
SPHQ	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	4	2.65%	-0.47%	7.17%	6.39%	5.49%	-12.86%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	4	2.27%	-3.13%	7.97%	7.27%	4.78%	-16.44%
SLV	iShares Silver Trust	Precious Metals	4	14.03%	1.72%	2.57%	-0.36%	13.51%	-18.74%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equ	4	1.60%	-1.71%	6.79%	7.95%	9.11%	-14.91%
DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreigh Large Cap Equ	3	-0.43%	0.20%	5.37%	8.28%	-0.51%	-12.62%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	3	0.99%	-2.60%	6.16%	7.12%	7.30%	-15.85%
FXB	CurrencyShares British Pound	Currency	3	3.82%	1.37%	4.18%	2.67%	4.39%	-18.03%
ACWI	iShares MSCI ACWI	Global Equities	3	1.54%	-2.87%	6.06%	6.34%	4.34%	-15.83%
SPY	SPDR S&P 500	Large Cap Blend	3	1.48%	-3.14%	6.41%	5.56%	2.71%	-15.49%
EWL	iShares Switzerland Index	Europe Stock	3	2.65%	-0.77%	4.51%	7.11%	6.86%	-15.30%
EWS	iShares Singapore Index	Pacific Asia/excl. Japan	3	4.20%	-2.79%	3.77%	5.42%	6.52%	-29.66%
IVV	S&P 500	Large Blend	3	1.43%	-3.17%	6.37%	5.51%	2.62%	-15.52%
VV	Vanguard LargeCap	Large Cap Blend	3	1.47%	-3.18%	6.66%	5.80%	2.64%	-16.89%
DBEU	Deutsche X-Trackers MSCI Europe Hedged	Europe Equities	3	-1.11%	-0.05%	4.90%	8.95%	8.21%	-1.94%
ACWX	iShares MSCI ACWI ex US	Global Equities	3	1.38%	-2.55%	4.99%	6.84%	6.89%	-17.81%
VOO	Vanguard S&P 500	Large Cap Blend Equiti	3	1.48%	-3.15%	6.38%	5.56%	2.63%	-15.56%
EWD	iShares Sweden Index	Europe Stock	3	-0.26%	-4.36%	6.78%	8.63%	8.84%	-28.89%
EWK	iShares Belgium Index	Europe Stock	3	1.78%	-0.94%	4.48%	5.36%	10.28%	-18.66%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equ	3	-0.41%	0.07%	5.52%	8.30%	-3.87%	-19.52%
DWX	SPDR S&P International Dividend	Foreign Large Cap Equ	3	1.66%	-2.00%	5.09%	6.13%	4.81%	-20.07%
EDV	Vanguard Extended Duration Treasury	Government Bonds	3	5.98%	-4.67%	1.86%	6.98%	-1.82%	-50.32%
IXUS	iShares Core MSCI Total International Stock	Global Equities	3	1.20%	-2.69%	5.05%	6.72%	6.75%	-18.22%
SCHF	Schwab International Equity	Foreign Large Cap Equ	3	1.49%	-2.12%	6.45%	7.61%	7.48%	-15.13%
SCHR	Schwab Intermediate-Term U.S. Treasury	Government Bonds	2	3.46%	-0.65%	1.33%	2.03%	0.27%	-14.81%
SCHP	Schwab U.S. TIPs	Inflation-Protected Bon	2	2.62%	0.41%	2.66%	3.01%	-0.39%	-16.50%
SCHB	Schwab U.S. Broad Market	All Cap Equities	2	0.36%	-4.27%	5.98%	5.18%	2.07%	-58.55%
HDGE	Ranger Equity Bear	Inverse Equities	2	7.74%	19.27%	-9.88%	-8.94%	-4.83%	-76.69%
PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	2	-0.21%	-2.71%	6.66%	5.49%	2.35%	-25.75%
GOVT	iShares Core U.S. Treasury Bond	Government Bonds	2	3.28%	-0.60%	1.44%	2.42%	0.38%	-17.77%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	2	-0.09%	-4.01%	6.21%	6.55%	5.51%	-23.93%
GSLC	Goldman Sachs ActiveBeta U.S. Large CaP	Large Cap Blend Equiti	2	1.07%	-3.15%	6.10%	5.18%	2.45%	-16.26%
DEM	WisdomTree Emerg. Mkts Hi-Yld E.	Emerging Mkts Equities	2	0.18%	-2.12%	4.89%	6.45%	4.65%	-24.54%
BWX	SPDR Lehman Intl Treasury Bond	World Gov Bond	2	5.10%	-2.37%	3.13%	2.94%	3.12%	-26.58%
FXE	CurrencyShares Euro Currency Trust	Currency	2	3.03%	0.06%	3.76%	1.97%	5.60%	-16.37%
EWU	iShares United Kingdom Index	Europe Stock	2	-0.65%	-0.25%	4.23%	5.32%	6.83%	-14.76%

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VGIT	Vanguard Intermediate-Term Gov Bonds	Government Bonds	2	3.45%	-0.62%	1.41%	2.10%	0.39%	-15.72%
ILF	iShares S&P 40 Latin America	Latin America Stock	2	0.54%	-3.88%	5.17%	4.85%	-1.01%	-39.24%
BAB	PowerShares Build America Bond Portfolio	National Munis	2	3.01%	-1.91%	2.69%	3.89%	0.62%	-22.89%
EWY	iShares S. Korea Index	Pacific Asia/excl. Japan	2	2.22%	-6.79%	6.44%	7.44%	5.32%	-36.94%
IWB	Russell 1000 Index	Large Blend	2	0.90%	-3.75%	6.28%	5.41%	2.34%	-16.61%
BIV	Vanguard Intermed. Term Bond	Intermediate-Term Bon	2	3.72%	-1.29%	1.71%	2.68%	0.68%	-19.14%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	2	1.69%	-3.76%	5.48%	4.72%	4.45%	-21.33%
IWP	Russell MidCap Growth	Mid-Cap Growth	2	-1.81%	-5.45%	7.76%	6.84%	3.55%	-27.55%
VSS	Vanguard FTSE All-Wld ex-US SmCP Idx	Foreign Small & Mid Ca	2	-0.48%	-4.18%	5.16%	5.77%	4.13%	-23.43%
VT	Vanguard Total World Stock Index	Global Equities	2	0.72%	-3.62%	5.47%	5.73%	3.68%	-16.57%
VTI	Total Stock Market VIPERs	All Cap Equities	2	0.38%	-4.26%	5.91%	5.17%	1.97%	-17.24%
VTIP	Vanguard Short-Term Inflation-Protected Securities	Inflation-Protected Bon	2	1.62%	0.97%	2.25%	2.06%	-0.95%	-9.72%
VXUS	Vanguard Total International Stock	Global Equities	2	0.99%	-2.79%	4.80%	6.38%	5.93%	-18.49%
ITOT	iShares Core S&P Total U.S. Stock Market	All Cap Equities	2	0.35%	-4.24%	6.04%	5.19%	2.01%	-17.12%
VOT	Vanguard Mid-Cap Growth	Mid-Cap Growth	2	-1.59%	-5.94%	7.94%	6.54%	2.48%	-27.94%
TLT	iShares 20+ Treas. Bd	Government Bonds	2	5.35%	-3.25%	1.47%	5.26%	-1.22%	-38.92%
IEF	iShares Lehman 7-10 Yr Treasury	Government Bonds	2	4.42%	-1.09%	1.49%	2.92%	0.08%	-19.89%
IEI	iShares Lehman 3-7 Yr. Treasury	Government Bonds	2	3.14%	-0.48%	1.44%	1.97%	0.58%	-12.64%
TIP	iShares TIPS Bond Fd	Inflation-Protected Bon	2	2.66%	0.43%	2.60%	3.06%	0.19%	-16.17%
VEU	Vanguard FTSE All-Word ex-US	Global Equities	2	0.97%	-2.86%	4.67%	6.32%	5.94%	-18.34%
TLH	iShares Lehman 10-20 Yr Treasury	Government Bonds	2	5.77%	-2.47%	1.56%	4.55%	-0.04%	-34.37%
BNDX	Vanguard Total International Bond	Total Bond Market	2	2.67%	-0.61%	1.67%	2.87%	0.04%	-17.61%
BLV	Vanguard Long Term Bond	Long-Term Bond	2	4.78%	-3.73%	1.62%	4.47%	-0.17%	-35.61%
ZROZ	PIMCO 25 Yr Zero Coupon US Treas Idx Exchg-Tr	Government Bonds	2	5.78%	-5.01%	1.41%	7.10%	-2.95%	-50.77%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	2	1.06%	-3.56%	6.41%	5.54%	2.44%	-58.41%
IWV	Russell 3000 Index	All Cap Equities	2	0.42%	-4.23%	5.99%	5.10%	1.97%	-16.90%
DFE	Wisdom Tree Europe SmCap Div.	Europe Stock	1	-2.77%	-4.56%	4.97%	6.60%	6.77%	-26.27%
PEZ	PowerShares Consumer Cyclical	All Cap Equities	1	-2.26%	-5.02%	4.97%	5.56%	2.99%	-33.89%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equi	1	0.66%	-4.63%	1.37%	4.63%	2.81%	-29.66%
JXI	iShares S&P Global Utilities	Utilities Equities	1	5.01%	-0.66%	0.94%	-0.03%	0.75%	-10.88%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equ	1	-1.06%	-2.81%	4.14%	5.38%	8.03%	-18.83%
LQD	iShares iBoxx \$ Liquid Invest. Gr.	Corporate Bonds	1	3.48%	-2.84%	1.67%	3.04%	0.71%	-21.93%
GVI	iShares Lehman Intern. Govt/Credit	Total Bond Market	1	2.47%	-0.53%	1.33%	1.72%	0.57%	-11.94%
DOG	ProShares Short Dow 30	Bear Market	1	0.18%	3.53%	0.48%	1.17%	-1.48%	-62.30%
VCSH	Vanguard Short-Term Corporate Bond	Corporate Bonds	1	1.27%	-0.85%	0.89%	0.97%	0.43%	-8.80%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	1	-0.24%	-4.73%	4.86%	4.96%	5.91%	-25.04%
SHY	iShares Lehman 1-3 Year Treasury	Government Bonds	1	1.67%	0.32%	1.05%	1.10%	0.47%	-5.46%
BSV	Vanguard Short Term Bond	Total Bond Market	1	1.91%	-0.07%	1.18%	1.32%	0.67%	-8.44%
BOND	PIMCO Total Return Active Exchange-Traded	Total Bond Market	1	2.20%	-1.95%	1.14%	2.11%	-0.04%	-18.37%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equ	1	-1.55%	-3.30%	4.35%	5.66%	7.24%	-12.88%
BND	Vanguard Total Bond Market	Intermediate-Term Bon	1	2.97%	-1.50%	1.24%	2.24%	0.25%	-17.91%
MUB	iShares S&P National Muni Bond	National Munis	1	2.37%	-0.83%	1.30%	1.96%	1.69%	-8.78%
VCLT	Vanguard Long-Term Corporate Bond	Corporate Bonds	1	4.16%	-4.55%	1.23%	3.95%	0.22%	-30.33%
TOTL	SPDR DoubleLine Total Return Tactical	Total Bond Market	1	2.18%	-1.95%	0.99%	1.92%	-0.51%	-18.95%

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VDC	Vanguard Consumer Staples	Consumer Staples Equi	1	2.01%	0.31%	1.14%	0.29%	1.88%	-7.77%
VGSH	Vanguard Short-Term Government	Government Bonds	1	1.69%	0.34%	1.02%	1.09%	0.53%	-6.24%
XHB	SPDR Series Trust SPDR Home Builders	Building & Construction	1	-1.93%	-8.51%	6.37%	9.62%	6.51%	-23.36%
AGG	iShares Lehman Aggregate Bond	Intermediate-Term Bon	1	2.95%	-1.62%	1.16%	2.24%	0.20%	-17.11%
XLP	Consumer Staples Select *	Consumer Staples	1	2.25%	0.57%	0.41%	-0.59%	1.46%	-8.02%
ACVV	iShares Edge MSCI Min Vol Global	Global Equities	1	2.65%	-0.70%	1.03%	1.21%	1.34%	-11.18%
VCIT	Vanguard Intermediate-Term Corporate Bond	Corporate Bonds	1	3.16%	-2.07%	1.85%	2.79%	1.06%	-18.01%
PZA	Pshares Insured National Munis	National Munis	1	2.96%	-1.87%	1.24%	3.05%	1.80%	-14.10%
DBA	PowerShares DB Agriculture Fd	Agriculture Commoditie	1	0.54%	0.69%	3.41%	0.79%	1.28%	-11.54%
SCHZ	Schwab US Aggregate Bond	Total Bond Market	1	3.00%	-1.58%	1.24%	2.28%	0.22%	-17.97%
ITA	iShares DJ US Aerospace&Defense	Industrials Equities	1	-2.31%	0.22%	2.16%	2.25%	7.09%	-52.30%
SCHO	Schwab Short-Term U.S. Treasury	Government Bonds	1	1.67%	0.27%	0.91%	1.00%	0.38%	-5.82%
FTSM	First Trust Enhanced Short Maturity	Total Bond Market	0	0.40%	0.35%	0.40%	0.44%	0.40%	-0.86%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	0	0.82%	-5.07%	0.66%	4.25%	2.36%	-31.83%
HYS	PIMCO 0-5 Year High Yield Corp Bond	High Yield Bonds	0	0.56%	-2.03%	0.69%	1.46%	0.34%	-11.15%
EPHE	iShares MSCI Philippines	Emerging Markets Equi	0	2.81%	-6.25%	0.33%	4.85%	5.45%	-32.01%
FLT	Fidelity Limited Term Bond	Corporate Bonds	0	1.26%	-0.78%	0.69%	0.77%	0.18%	-8.59%
ASHR	Deutsche X-Trackers China A-Shares	China Equities	0	-1.56%	-4.95%	1.51%	5.60%	0.85%	-36.23%
VWO	Vanguard Emerging Markets	Emerging Markets Equi	0	0.32%	-4.34%	0.55%	3.95%	1.62%	-28.27%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equi	0	0.41%	-4.39%	0.45%	4.01%	1.39%	-28.91%
VWOB	Vanguard Emerging Markets Gov Bonds	Emerging Markets Bon	0	2.11%	-3.88%	0.59%	1.46%	1.12%	-25.70%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	0	0.94%	-4.96%	0.64%	4.94%	3.75%	-33.40%
JNK	Barclays Cap. High Yield Bond	High Yield Bond	0	1.18%	-3.05%	0.68%	1.93%	-0.13%	-71.76%
SJNK	SPDR Barclays Short Term High Yield Bond	High Yield Bonds	0	0.61%	-2.15%	0.57%	1.53%	0.26%	-12.54%
CWB	SPDR Barclays Convertible Securities	Convertible Bonds	0	-1.32%	-4.56%	2.87%	3.16%	-0.04%	-28.02%
FLOT	iShares Floating Rate Bond	Corporate Bonds	0	-0.47%	-0.18%	0.00%	0.14%	0.20%	-1.35%
PHB	PowerShares High Yield Corp Bond	High Yield Bonds	0	1.05%	-2.53%	0.29%	1.17%	0.58%	-11.95%
FXY	CurrencyShares Japanese Yen Trust	Currency	0	3.02%	-2.97%	0.37%	-1.22%	2.99%	-27.37%
IVE	S&P 500/BARRA Value	Large Value	0	-0.83%	-6.10%	2.53%	3.22%	3.25%	-6.10%
RSX	Market Vectors Russia	Emerging Markets Equi	0	0.00%	0.00%	-0.53%	-0.53%	-0.38%	-83.14%
RHS	Guggenheim S&P 500 = Wt. Consum Staples	Consumer Staples	0	1.20%	0.01%	-0.54%	-0.93%	0.73%	-6.52%
USMV	iShares Edge MSCI Min Vol USA	All Cap Equities	0	1.50%	-2.19%	0.06%	-0.22%	0.33%	-11.23%
HYG	iShares Lehman Hi-Yield Corp.	High Yield Bond	0	1.05%	-3.19%	0.36%	1.51%	-0.06%	-15.99%
SHYG	iShares 0-5 Year High Yield Corporate Bond	High Yield Bonds	0	0.54%	-2.11%	0.19%	1.03%	0.16%	-13.99%
BKLN	PowerShares Exchange-Traded Fund Trust	High Yield Bonds	0	-0.86%	-1.84%	0.24%	1.32%	-0.20%	-11.19%
IYK	Dow Jones US Cons. Goods	Consumer Staples Equi	0	1.90%	0.60%	-1.05%	-2.35%	0.59%	-7.21%
EWC	iShares Canada Index	Foreign Large Cap Equi	0	-1.45%	-5.18%	2.98%	3.51%	0.20%	-16.67%
VBK	Vanguard SmallCap Growth	Small Cap Growth	0	-3.91%	-9.24%	6.21%	5.69%	0.29%	-30.69%
EMB	iShares Emerging Markets Bond	Emerging Market Bond	0	2.07%	-4.27%	0.60%	1.35%	1.05%	-27.33%
FNDX	Schwab Fundamental U.S. Large Company Index	Large Cap Value Equiti	-1	-1.67%	-5.74%	1.14%	1.50%	1.09%	-9.45%
FXU	1st Trust Utilities AlphaDEX	Utilities Equities	-1	1.76%	-4.25%	-0.46%	-2.41%	-1.82%	-10.22%
IHI	iShares DJ US Medical Devices	Health & Biotech Equiti	-1	1.14%	-5.21%	-0.30%	1.08%	2.32%	-85.70%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equi	-1	1.92%	-3.99%	-1.89%	0.12%	-1.22%	-29.87%
FXI	iShares China 25 Index	China Equities	-1	0.88%	-6.15%	-3.89%	5.69%	4.25%	-45.09%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	-1	-0.75%	-6.98%	1.09%	2.17%	3.11%	-18.99%
EWA	iShares Australia Index	Asia Pacific Equities	-1	-1.08%	-8.38%	2.79%	2.79%	2.46%	-16.54%
IJK	S&P MidCap 400/BARRA Growth	Mid-Cap Growth	-1	-4.01%	-5.90%	3.81%	3.03%	1.11%	-72.62%
FXG	1st Trust Consumer Staples	Consumer Staples Equi	-1	0.03%	-2.22%	-1.19%	-1.96%	-1.21%	-9.39%
IDV	iShares International Select Dividend	Foreign Large Cap Equ	-1	-2.37%	-5.36%	0.55%	1.47%	3.45%	-23.19%
EWZ	iShares Brazil Index	Latin America Stock	-1	2.25%	-6.08%	1.54%	-1.07%	-5.85%	-42.84%
IXJ	S&P Global Healthcare	Health & Biotech Equiti	-1	2.26%	-1.56%	-1.98%	-2.64%	0.64%	-32.85%
VIS	Vanguard Industrials	industrials Equities	-1	-3.51%	-4.44%	2.83%	2.90%	4.10%	-9.43%
IYT	Dow Jones Transportation	Transportation Equities	-1	-5.18%	-8.73%	4.05%	4.77%	0.20%	-20.09%
IYM	Dow Jones US Basic Mat's	Materials	-1	-5.39%	-6.67%	4.16%	4.77%	4.48%	-15.13%
VIG	Vanguard Div. Appreciation	Large Cap Value Equiti	-1	-0.20%	-3.95%	0.89%	0.15%	1.19%	-11.69%
IYJ	Dow Jones US Industrial	Industrial Equities	-1	-2.51%	-5.28%	2.16%	2.37%	3.05%	-48.83%
PCY	PowerShares Emerging Markets Sovereign Debt P	Emerging Markets Bon	-1	1.17%	-5.79%	0.58%	1.93%	1.77%	-38.51%
DIA	SPDR Dow Jones Industrial Average	Large Cap Value	-1	-0.59%	-3.51%	-0.22%	-0.86%	1.11%	-10.71%
BBH	VanEck Vectors Biotech	Health & Biotech	-1	0.92%	-5.06%	-0.30%	0.09%	1.86%	-27.57%
MCHI	iShares MSCI China	China Equities	-1	-0.08%	-6.41%	-3.06%	6.06%	5.05%	-48.16%
XLI	Industrial Select Sector *	Industrial Equities	-1	-2.63%	-3.41%	1.67%	1.68%	4.26%	-6.78%
UUP	PowerShares DB US Dollar Bullish	Currency	-1	-2.25%	1.28%	-1.73%	-0.11%	-3.11%	-9.42%
IWO	Russell 2000 Growth	Small Growth	-1	-5.18%	-9.17%	4.72%	3.74%	-0.61%	-33.89%
PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	-2	-2.68%	-6.43%	-0.48%	-0.28%	-0.38%	-11.83%
SPLV	PowerShares S&P 500 Low Volat.	Large Cap Blend	-2	0.52%	-2.87%	-2.54%	-3.16%	-1.17%	-10.86%
MOO	VanEck Vectors Agribusiness	Commodity Producers	-2	-4.31%	-5.99%	1.26%	0.24%	-2.51%	-20.57%
FXD	First Trust Cons. Discret. AlphaDEX	Consumer Discretionar	-2	-4.93%	-10.91%	2.38%	5.29%	2.62%	-22.65%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	-2	-3.85%	-4.80%	0.34%	-1.57%	-4.10%	-32.46%
NOBL	ProShares S&P 500 Dividend Aristocrats	Large Cap Value Equiti	-2	-1.43%	-4.85%	0.06%	-0.17%	0.54%	-8.98%
DGRO	iShares Core Dividend Growth	Large Cap Value Equiti	-2	-1.22%	-4.58%	-0.76%	-1.16%	-0.20%	-11.84%
VAW	Vanguard Materials VIPERS	Materials	-2	-5.28%	-7.14%	2.65%	2.92%	2.79%	-12.19%
XLB	Materials Select Sector *	Materials	-2	-4.84%	-6.56%	2.15%	2.18%	2.28%	-12.40%
EZA	iShares South Africa Index	Emerging Markets Equi	-2	2.10%	-8.29%	-3.28%	0.68%	2.26%	-43.80%
VO	Vanguard Mid-Cap	Mid-Cap Blend	-2	-3.75%	-8.21%	2.12%	1.77%	-0.41%	-20.59%
VPU	Vanguard Utilities VIPERS	Utilities Equities	-2	2.80%	-3.62%	-3.39%	-4.56%	-3.70%	-13.61%
IWR	Russell MidCap Index Fs	Mid-Cap Blend	-2	-4.22%	-8.42%	1.93%	1.88%	-0.20%	-69.33%
VXF	Vanguard Extended Markets VIPERS	Mid Cap Blend	-2	-5.57%	-10.19%	3.95%	3.44%	-1.32%	-31.28%
DBC	PowerShares DB Commodity Index	Commodities	-2	-2.33%	-2.89%	0.04%	-4.58%	-5.41%	-22.96%
IDU	Dow Jones US Utilities	Utilities Equities	-2	3.31%	-2.58%	-2.72%	-4.06%	-3.29%	-53.11%
XLU	Utilities Select Sector *	Utilities Equities	-2	3.16%	-3.11%	-3.45%	-4.68%	-3.68%	-13.98%
XPH	SPDR Pharmaceuticals	Health & Biotech Equiti	-3	-4.40%	-8.16%	-0.47%	-0.76%	-3.68%	-27.44%
SCHV	Schwab U.S. Large-Cap Value	Large Cap Value Equiti	-3	-2.97%	-6.57%	-2.37%	-1.92%	-1.00%	-12.72%
SH	Short S&P 500 ProShares ETF	Inverse Equities	-3	-2.19%	2.98%	-5.88%	-5.12%	-3.31%	-63.48%
XME	SPDR S&P Metals & Mining	Commodity Producers	-3	-9.01%	-10.36%	3.60%	5.24%	4.54%	-20.39%
XLV	Health Care Select SPDR *	Health & Biotech Equiti	-3	0.27%	-3.75%	-4.72%	-5.71%	-2.06%	-10.32%
TBF	ProShares Short 20+Year Treasury	Inverse Bonds	-3	-5.92%	2.73%	-2.10%	-5.47%	-0.36%	-13.09%
THD	iShares Thailand Capped Invest Mrkt Idx	Emerging Markets Equi	-3	1.69%	-7.90%	-4.28%	-2.51%	2.77%	-27.95%
EWM	iShares Malaysia Index	Emerging Markets Equi	-3	1.37%	-7.24%	-2.77%	-3.02%	0.37%	-39.27%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
VHT	Vanguard Health Care	Health & Biotech Equiti	-3	-0.17%	-4.47%	-4.13%	-4.98%	-2.10%	-11.89%
VTV	Vanguard Value	Large Cap Value	-3	-2.52%	-5.56%	-2.70%	-2.66%	-0.80%	-9.40%
FEX	First Trust Large Cap Core AlphaDEX	Large Cap Blend Equity	-3	-4.11%	-8.16%	-0.65%	-0.85%	-1.29%	-14.62%
FBT	1st Trust Biotechnology Index	Health & Biotech Equiti	-3	-1.94%	-7.58%	-1.91%	-0.84%	3.13%	-17.32%
SCHM	Schwab U.S. Mid Cap	Mid Cap Blend Equities	-3	-5.54%	-9.80%	1.45%	1.60%	-0.77%	-20.06%
VLUE	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	-3	-3.15%	-8.13%	-0.72%	0.34%	-1.54%	-20.42%
FTGC	First Trust Global Tactical Commodity Strategy	Commodities	-3	-2.93%	-4.02%	-1.40%	-5.39%	-9.13%	-26.35%
IJH	S&P MidCap 400	Mid-Cap Blend	-3	-5.97%	-9.52%	1.62%	1.64%	0.09%	-15.38%
RSP	Guggenheim S&P Equal Weight	Large Blend	-3	-3.36%	-8.03%	0.49%	0.90%	0.12%	-13.20%
MTUM	iShares Edge MSCI USA Momentum Factors	All Cap Equities	-3	-1.91%	-2.35%	-3.79%	-5.48%	-2.99%	-28.81%
PFF	iShares S&P Preferred Stock	Preferred Stock/Conver	-3	-3.97%	-8.49%	-1.65%	1.34%	-4.16%	-23.19%
IYH	Dow Jones US Healthcare	Specialty-Health	-3	0.45%	-3.64%	-4.08%	-4.92%	-1.42%	-10.64%
PIN	PowerShares India Portfolio	Emerging Markets Equi	-3	-1.96%	-2.57%	-3.44%	-3.80%	-11.81%	-61.20%
IYZ	Down Jones US Telecom	Commun. Equities	-3	-0.40%	-9.82%	-1.69%	1.07%	-3.83%	-37.96%
HDV	iShares Core High Dividend	Large Cap Value Equiti	-3	-0.56%	-4.13%	-3.63%	-3.42%	-1.39%	-8.42%
MDY	MidCap Trust Series I	Mid-Cap Blend	-3	-5.90%	-9.39%	1.71%	1.72%	0.26%	-15.18%
IXC	S&P Global Energy	Energy Equities	-3	-4.00%	-2.66%	-1.16%	-3.46%	0.12%	-11.64%
REZ	iShares Residential Real Estate Capped	Specialty-Real Estate	-3	-4.58%	-10.93%	2.26%	1.40%	-7.44%	-30.13%
GSG	iShares GSCI Commodity Index	Commodities.	-3	-3.31%	-2.93%	0.05%	-6.41%	-6.89%	-24.56%
INDY	iShares S&P India Nifty 50 Index Fund	Emerging Markets Equi	-3	-1.29%	-2.56%	-3.46%	-3.81%	-5.47%	-24.18%
GNR	SPDR S&P Global Natural Resources	Commodity Producers	-3	-4.09%	-5.90%	-0.14%	-0.37%	2.02%	-12.97%
IWD	Russell 1000 Value	Large Value	-3	-2.72%	-6.91%	-1.23%	-0.82%	-0.69%	-11.79%
IWS	Russell MidCap Value	Mid-Cap Value	-4	-5.60%	-10.07%	-1.13%	-0.77%	-2.22%	-15.42%
IJT	S&P SmallCap 600/BARRA Growth	Small Growth	-4	-6.29%	-10.00%	0.74%	0.07%	-3.13%	-48.27%
VRP	PowerShares Variable Rate Preferred Portfolio	Preferred Stock	-4	-5.17%	-7.33%	-1.96%	-1.79%	-2.94%	-16.92%
IWM	Russell 2000	Small Blend	-4	-7.25%	-11.67%	0.86%	0.47%	-3.40%	-27.78%
EFZ	ProSharesShort MSCI EAFE	Inverse Equities	-4	-2.17%	1.37%	-6.46%	-7.40%	-9.69%	-48.11%
IFGL	iShares FTSE EPRA/NAREIT Global Real Estate	Global Real Estate	-4	-2.59%	-10.64%	-2.55%	-1.85%	-3.11%	-34.82%
EWH	iShares Hong Kong Index	China Equities	-4	-2.27%	-6.22%	-6.05%	-1.71%	1.30%	-26.51%
VNQI	Vanguard Global ex-U.S. Real Estate	Global Real Estate	-4	-2.26%	-10.02%	-3.10%	-1.79%	-3.30%	-37.67%
VYM	Vanguard High Div. Yield Index	Large Cap Value	-4	-2.77%	-5.83%	-3.71%	-3.55%	-1.57%	-9.25%
PPLT	ETFS Physical Platinum Shares	Precious Metals	-4	2.37%	-3.65%	-7.19%	-8.14%	3.60%	-23.64%
RWX	SPDR DJ Wil Intern. RE	Real Estate	-4	-2.24%	-10.20%	-2.05%	-2.02%	-2.93%	-39.16%
SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	-4	-6.86%	-11.32%	1.73%	1.48%	-1.86%	-62.67%
RWO	SPDR DJ Wilshire Global Real Estate	Global Real Estate	-4	-4.50%	-12.11%	-0.37%	-0.98%	-5.12%	-28.38%
FXH	1st Trust Health Care AlphaDEX	Health & Biotech Equiti	-4	-1.78%	-7.27%	-2.51%	-2.59%	-0.37%	-17.33%
SDY	SPDR Dividend ETF	Large Value	-4	-3.17%	-7.70%	-2.51%	-2.49%	-1.71%	-7.81%
ICF	Cohen & Steers Realty	Real Estate	-4	-3.61%	-12.32%	-0.44%	-1.02%	-6.48%	-56.91%
GUNR	FlexShares Global Upstream Natural Resources	Commodity Producers	-4	-3.76%	-6.41%	-2.43%	-2.92%	0.35%	-13.75%
DJP	Bloomberg Commodity Index	Commodities	-4	-2.44%	-4.50%	-2.20%	-7.48%	-7.60%	-24.30%
PJP	Dynamic Pharmaceuticals	Health & Biotech Equiti	-4	-2.25%	-4.29%	-5.40%	-4.52%	-1.58%	-10.16%
VB	Vanguard SmallCap	Small Cap Blend	-4	-6.55%	-10.97%	1.41%	1.26%	-1.73%	-22.35%
PGX	PowerShares Preferred Portfolio	Preferred Stock/Conver	-4	-5.14%	-10.34%	-2.39%	2.42%	-5.11%	-25.99%
RWR	Wilshire REIT Fund	Real Estate	-4	-5.45%	-12.65%	0.45%	-0.34%	-5.95%	-28.90%

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IBB	Nasdaq Biotechnology	Health & Biotech Equiti	-4	-0.88%	-7.25%	-3.48%	-3.09%	-0.65%	-62.67%
DON	Wisdom Tree MidCap Div.	Mid-Cap Value	-5	-6.86%	-11.15%	-1.94%	-1.94%	-3.16%	-60.24%
DVY	iShares Select Dividend Index	Large Cap Value	-5	-4.11%	-8.22%	-4.20%	-3.82%	-3.20%	-12.22%
VDE	Vanguard Energy VIPERS	Energy Equities	-5	-5.47%	-5.14%	-4.27%	-6.37%	-1.62%	-13.89%
PKW	PowerShares Buyback Achievers	All Cap Equities	-5	-5.36%	-9.47%	-2.88%	-2.14%	-0.71%	-14.66%
SCHD	Schwab US Dividend Equity	All Cap Equities	-5	-3.33%	-7.34%	-4.54%	-4.29%	-2.34%	-11.76%
SCHH	Schwab U.S. REIT	Real Estate	-5	-4.46%	-12.44%	-0.52%	-1.14%	-6.28%	-63.81%
SDOG	ALPS Sector Dividend Dogs	Large Cap Value Equiti	-5	-3.94%	-10.59%	-4.13%	-1.96%	-1.70%	-12.22%
IYR	Dow Jones US Real Estate	Real Estate	-5	-4.32%	-12.69%	-0.83%	-1.24%	-6.48%	-28.41%
TBT	ProShares UltraShort Lehman 20 Yr Treas	Leveraged Bonds	-5	-11.11%	5.30%	-4.73%	-11.42%	-2.58%	-32.51%
IYE	Dow Jones US Energy	Specialty-Natural Res.	-5	-4.82%	-4.95%	-4.59%	-6.63%	-2.04%	-14.04%
TUR	iShares Turkey Investment Index	Emerging Markets Equi	-5	-7.05%	2.79%	-3.71%	-10.24%	16.35%	-29.52%
FDL	1st Trust Morningstar Div. Lead's	Large Cap Value	-5	-3.83%	-7.60%	-4.67%	-3.86%	-2.71%	-10.29%
INDA	iShares MSCI India	Emerging Markets Equi	-5	-1.30%	-3.36%	-6.54%	-6.95%	-6.63%	-23.51%
PGF	PowerShares Fin. Preferred Portf.	Specialty-Financial	-5	-5.96%	-10.48%	-3.59%	0.83%	-5.24%	-25.65%
IJR	S&P Sm.Cap 600	Small Blend	-5	-7.78%	-11.84%	0.13%	0.31%	-2.80%	-21.10%
IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	-5	-7.98%	-13.03%	-0.64%	0.16%	-1.00%	-41.65%
VNQ	Vanguard REIT Index	Real Estate	-5	-5.06%	-13.23%	-1.05%	-1.43%	-7.22%	-29.92%
IHE	iShares DJ US Pharmaceuticals	Health & Biotech Equiti	-5	-1.73%	-6.45%	-6.65%	-6.58%	-4.66%	-13.84%
IGE	iShares North American Natural Resources	Commodity Producers	-5	-4.54%	-5.88%	-3.21%	-4.40%	-1.31%	-14.44%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	-5	-5.69%	-10.20%	-2.83%	-2.31%	-2.91%	-13.75%
XLE	Energy Select Sector *	Energy Equities	-5	-4.45%	-4.52%	-4.27%	-5.96%	-0.47%	-12.56%
XMLV	PowerShares S&P MidCap Low Volatility Portfolio	Mid Cap Blend Equities	-5	-5.96%	-9.11%	-2.71%	-3.23%	-2.70%	-11.58%
FV	First Trust Dorsey Wright Focus 5	Large Cap Value Equiti	-5	-7.36%	-7.70%	-1.83%	-4.23%	-2.58%	-13.47%
XRT	SPDR S&P Retail *	Consumer Discretionar	-5	-6.42%	-17.03%	1.05%	2.22%	-3.19%	-40.68%
SPHD	PowerShares S&P 500 HiDivLowVol	Large Cap Value	-6	-3.59%	-9.72%	-5.71%	-5.02%	-4.58%	-15.45%
VBR	Vanguard SmallCap Value	Small Cap Value	-6	-8.26%	-12.11%	-1.87%	-1.66%	-3.06%	-15.91%
DES	Wisdom Tree SmallCap Div.	Small Cap Value	-6	-9.16%	-12.52%	-1.75%	-1.27%	-3.90%	-67.13%
IHF	iShares DJ US Healthcare Provid's	Health & Biotech Equiti	-6	-3.79%	-6.76%	-4.68%	-8.39%	-7.70%	-17.12%
IJS	S&P SmallCap 600/BARRA Value	Small Value	-6	-9.24%	-13.85%	-0.48%	0.54%	-2.43%	-47.01%
PEY	PowerShares Hi Yields Div. Achiev's	Mid-Cap Value	-6	-3.81%	-9.56%	-5.66%	-4.88%	-4.39%	-12.46%
DHS	Wisdom Tree High-Yield Equity	Large Cap Value	-6	-4.58%	-8.78%	-5.51%	-5.48%	-3.65%	-10.80%
IEO	iShares DJ Oil & Gas Expl.&Prod.	Energy Equities	-7	-6.83%	-6.17%	-5.56%	-8.53%	-6.17%	-19.82%
IWN	Russell 2000 Value	Small Value	-7	-9.40%	-14.24%	-3.05%	-2.93%	-6.27%	-23.90%
KIE	SPDR S&P Insurance	Specialty-Financial	-7	-9.17%	-9.46%	-5.51%	-4.88%	-2.71%	-58.49%
IYG	Dow Jones US Financial Serv's	Specialty-Financial	-9	-10.65%	-14.81%	-6.31%	-5.29%	-6.51%	-26.71%
FXN	1st Trust Energy AlphaDEX	Energy Equities	-9	-8.49%	-8.60%	-6.59%	-10.42%	-9.32%	-21.08%
RPV	Guggenheim S&P 500 Pure Value	Large Value	-9	-8.83%	-16.48%	-7.32%	-4.22%	-5.17%	-16.48%
FPE	First Trust Preferred Securities and Income	Preferred Stock	-9	-9.97%	-13.27%	-8.03%	-5.89%	-8.39%	-23.81%
VFH	Vanguard Financials	Financials Equities	-10	-10.98%	-14.25%	-7.81%	-6.91%	-7.11%	-24.31%
IYF	Dow Jones US Financial Sector	Specialty-Financial	-10	-10.25%	-13.45%	-7.71%	-6.72%	-6.41%	-50.91%
XLF	Financial Select Sector *	Financial Equities	-10	-10.25%	-13.26%	-8.12%	-7.02%	-6.22%	-23.23%
URE	ProShares Ultra Real Estate	Leveraged Real Estate	-11	-8.92%	-24.63%	-3.87%	-4.72%	-15.57%	-52.59%
PSQ	ProShares Short QQQ	Inverse Equities	-11	-7.54%	-1.67%	-17.41%	-15.90%	-9.60%	-77.74%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
XBI	SPDR Series Trust SPDR S&P Biotech	Health & Biotech Equiti	-12	-9.40%	-18.81%	-9.51%	-10.04%	-9.85%	-57.08%
FXO	1st Trust Financials AlphaDEX	Financial Equities	-15	-16.24%	-20.86%	-11.05%	-10.23%	-11.18%	-24.36%
KBE	SPDR S&P Bank	Specialty-Financial	-22	-22.35%	-27.29%	-18.61%	-18.80%	-21.40%	-39.31%
KBWB	PowerShares KBW Bank Portfolio	Financials Equities	-24	-24.62%	-29.38%	-20.89%	-19.35%	-22.00%	-45.04%
KRE	SPDR S&P Region.Banking	Specialty-Financial	-28	-27.18%	-32.85%	-25.12%	-26.06%	-28.32%	-44.87%
UNG	U.S. Natural Gas Fund	Oil & Gas	-36	-27.15%	-20.29%	-44.15%	-52.62%	-64.72%	-92.44%
IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	-52	-53.75%	-56.31%	-50.06%	-49.62%	-49.35%	-56.31%