

HV ETF Master List as of 01/19/2023

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
MCHI	iShares MSCI China	China Equities	24	13.80%	25.75%	43.28%	12.69%	11.43%	-44.92%
FXI	iShares China 25 Index	China Equities	23	13.38%	25.15%	43.05%	12.01%	9.19%	-41.80%
RING	iShares MSCI Global Gold Miners Fund	Commodity Producers	18	11.54%	15.19%	31.46%	12.09%	13.87%	-32.17%
AGQ	ProShares Ultra Silver	Leveraged Commoditie	17	1.97%	21.80%	46.50%	-1.34%	22.31%	-54.71%
GDX	Mkt Vector Gold Miners	Specialty-Precious Meta	16	11.34%	12.59%	29.01%	11.72%	13.92%	-28.09%
GDXJ	VanEck Vectors Junior Gold Miners	Commodity Producers	16	10.80%	12.40%	31.65%	11.08%	14.73%	-38.17%
ASHR	Deutsche X-Trackers China A-Shares	China Equities	16	14.00%	16.92%	22.83%	10.99%	5.09%	-32.97%
EWH	iShares Hong Kong Index	China Equities	15	6.06%	15.70%	32.53%	4.90%	7.53%	-21.57%
EWG	iShares Germany Index	Europe Stock	14	11.56%	8.91%	25.27%	11.24%	15.45%	-24.59%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	14	9.21%	11.79%	25.35%	8.92%	7.02%	-30.87%
EWN	iShares Netherlands Index	Europe Stock	13	9.21%	6.35%	24.84%	10.12%	13.38%	-23.74%
FEZ	SPDR Euro Stoxx 50	Europe Stock	13	9.69%	7.69%	24.18%	10.03%	16.69%	-13.72%
EPHE	iShares MSCI Philippines	Emerging Markets Equit	13	11.20%	11.20%	20.68%	10.73%	10.87%	-28.20%
THD	iShares Thailand Capped Invest Mrkt Idx	Emerging Markets Equit	13	11.33%	12.85%	20.69%	6.66%	13.31%	-21.16%
EWQ	iShares France Index	Europe Stock	12	9.05%	8.11%	21.52%	9.12%	14.85%	-10.66%
EZU	European Monetary Union Index	Europe Stock	12	9.64%	7.76%	22.68%	9.75%	14.63%	-15.93%
SIL	Global X Silver Miners	Commodity Producers	12	8.12%	8.15%	21.09%	9.23%	12.37%	-42.58%
EWY	iShares S. Korea Index	Pacific Asia/excl. Japan	12	9.26%	7.43%	20.72%	10.07%	6.09%	-35.39%
TUR	iShares Turkey Investment Index	Emerging Markets Equit	11	-0.76%	8.87%	36.34%	-1.43%	45.55%	-22.60%
VGK	Vanguard European	Europe Equities	11	8.12%	6.14%	19.66%	8.13%	10.76%	-15.08%
EWI	iShares Italy Index	Europe Stock	11	9.21%	5.78%	21.69%	8.72%	15.27%	-15.03%
IEV	S&P Europe 350 Index	Europe Stock	11	8.26%	6.47%	19.73%	8.26%	11.70%	-12.07%
IDV	iShares International Select Dividend	Foreign Large Cap Equi	11	6.66%	7.98%	21.42%	6.66%	6.99%	-19.26%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	11	8.59%	8.82%	19.13%	8.44%	5.33%	-29.09%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equit	11	8.23%	8.53%	18.32%	8.14%	5.17%	-27.30%
EWP	iShares Spain Index	Europe Stock	11	8.78%	7.36%	20.24%	8.60%	12.83%	-27.54%
DFE	Wisdom Tree Europe SmCap Div.	Europe Stock	10	7.69%	5.31%	19.44%	7.00%	5.77%	-25.99%
ACWX	iShares MSCI ACWI ex US	Global Equities	10	7.55%	5.94%	17.75%	7.45%	7.79%	-17.33%
IAU	iShares Gold Trust	Precious Metals	10	7.94%	10.25%	16.25%	6.07%	8.93%	-6.93%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equit	10	8.33%	7.51%	17.19%	8.28%	4.39%	-25.99%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equi	10	7.68%	4.92%	18.52%	7.90%	9.25%	-20.68%
VVO	Vanguard Emerging Markets	Emerging Markets Equit	10	8.16%	8.30%	17.22%	7.75%	4.06%	-25.65%
HEWG	iShares Currency Hedged MSCI Germany	Europe Equities	10	9.26%	4.83%	16.31%	10.15%	11.26%	-12.58%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	10	7.87%	6.48%	19.94%	6.71%	7.62%	-15.40%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equi	10	7.20%	5.66%	18.74%	7.24%	9.78%	-14.29%
GLD	SPDR Gold Shares	Precious Metals	10	7.87%	10.21%	16.25%	6.04%	8.85%	-7.22%
EWW	iShares Mexico Index	Latin America Stock	10	10.28%	3.72%	13.70%	13.27%	14.50%	-2.79%
SMH	VanEch Vectors Semiconductor	Technology Equities	9	8.20%	-0.48%	18.58%	8.50%	1.87%	-30.44%
VEU	Vanguard FTSE All-Word ex-US	Global Equities	9	7.43%	5.43%	16.93%	7.28%	6.98%	-17.60%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	9	7.13%	4.18%	16.35%	6.98%	7.65%	-15.96%
EWD	iShares Sweden Index	Europe Stock	9	7.86%	2.89%	17.43%	7.76%	8.10%	-29.46%

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SLV	iShares Silver Trust	Precious Metals	9	1.24%	11.36%	22.14%	-0.27%	13.63%	-18.67%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equi	9	6.62%	5.84%	18.14%	6.34%	9.84%	-18.10%
EDV	Vanguard Extended Duration Treasury	Government Bonds	9	4.40%	6.29%	15.26%	11.23%	-1.54%	-48.35%
EWA	iShares Australia Index	Asia Pacific Equities	9	9.21%	3.39%	15.90%	8.23%	7.64%	-12.13%
EWK	iShares Belgium Index	Europe Stock	9	4.60%	7.31%	19.33%	4.02%	8.89%	-19.69%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equi	9	7.07%	5.33%	18.41%	7.06%	9.31%	-15.61%
ITB	iShares DJ US Home Construction	Building and Constructi	9	5.15%	7.06%	15.82%	6.06%	11.03%	-22.60%
VXUS	Vanguard Total International Stock	Global Equities	9	7.30%	5.26%	16.61%	7.10%	6.61%	-17.94%
IXUS	iShares Core MSCI Total International Stock	Global Equities	9	7.36%	5.64%	17.15%	7.17%	7.49%	-17.87%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	9	6.76%	5.01%	16.93%	6.04%	6.99%	-24.27%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equi	9	6.94%	5.67%	17.78%	6.86%	9.21%	-11.89%
EWU	iShares United Kingdom Index	Europe Stock	9	6.76%	4.98%	16.58%	6.62%	8.51%	-13.70%
EWL	iShares Switzerland Index	Europe Stock	9	7.35%	4.53%	15.31%	7.23%	7.09%	-15.20%
ZROZ	PIMCO 25 Yr Zero Coupon US Treas Idx Exchg-Tra	Government Bonds	9	4.24%	6.06%	15.09%	11.82%	-2.77%	-48.61%
DEM	WisdomTree Emerg. Mkts Hi-Yld E.	Emerging Mkts Equities	9	6.39%	6.59%	16.35%	7.04%	3.62%	-24.12%
EZA	iShares South Africa Index	Emerging Markets Equit	9	6.70%	2.99%	17.62%	7.36%	6.97%	-40.08%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	8	7.67%	3.04%	13.76%	6.64%	5.07%	-23.87%
SOXX	iShares PHLX SOX Semiconductor Sector Index	Technology Equities	8	7.24%	-0.82%	16.40%	7.43%	0.26%	-32.72%
IFGL	iShares FTSE EPRA/NAREIT Global Real Estate	Global Real Estate	8	6.46%	4.49%	14.40%	4.89%	0.13%	-30.34%
SCHF	Schwab International Equity	Foreign Large Cap Equi	8	7.04%	3.51%	15.88%	7.14%	7.59%	-15.50%
HEDJ	WisdomTree Europe Hedged Equity	Europe Equities	8	7.03%	3.34%	12.12%	8.32%	8.95%	-7.80%
PGX	PowerShares Preferred Portfolio	Preferred Stock/Convert	8	8.20%	4.64%	9.73%	10.91%	1.87%	-19.84%
PGF	PowerShares Fin. Preferred Portf.	Specialty-Financial	8	7.11%	4.42%	9.48%	9.86%	2.87%	-19.00%
PCY	PowerShares Emerging Markets Sovereign Debt Po	Emerging Markets Bond	8	4.84%	6.01%	16.29%	6.70%	5.55%	-35.64%
VNQI	Vanguard Global ex-U.S. Real Estate	Global Real Estate	8	6.39%	4.18%	14.43%	5.49%	1.00%	-33.05%
URE	ProShares Ultra Real Estate	Leveraged Real Estate	8	10.16%	-0.22%	13.02%	9.68%	-9.61%	-45.42%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	8	5.83%	3.36%	15.73%	5.77%	5.36%	-20.55%
VSS	Vanguard FTSE All-Wld ex-US SmCP Idx	Foreign Small & Mid Ca	8	7.21%	3.22%	13.15%	6.48%	4.12%	-22.92%
DWX	SPDR S&P International Dividend	Foreign Large Cap Equi	8	5.95%	4.37%	15.36%	5.75%	2.48%	-20.34%
XME	SPDR S&P Metals & Mining	Commodity Producers	8	8.31%	4.08%	11.20%	9.62%	10.21%	-17.08%
VCLT	Vanguard Long-Term Corporate Bond	Corporate Bonds	8	4.24%	4.47%	14.20%	8.04%	2.74%	-27.58%
DBEU	Deutsche X-Trackers MSCI Europe Hedged	Europe Equities	7	5.85%	3.30%	11.75%	6.76%	8.36%	-3.54%
EWJ	iShares Japan Index	Japan Stock	7	4.51%	2.22%	14.97%	5.07%	5.81%	-22.83%
FXJ	CurrencyShares Japanese Yen Trust	Currency	7	3.09%	8.29%	13.71%	2.19%	6.04%	-24.85%
RWX	SPDR DJ Wil Intern. RE	Real Estate	7	6.19%	4.21%	13.28%	4.52%	0.23%	-35.10%
BLV	Vanguard Long Term Bond	Long-Term Bond	7	3.97%	4.62%	12.16%	7.84%	1.16%	-33.53%
EWS	iShares Singapore Index	Pacific Asia/excl. Japan	7	4.81%	4.48%	16.11%	4.20%	6.36%	-30.47%
TLT	iShares 20+ Treas. Bd	Government Bonds	7	4.12%	4.91%	10.75%	8.43%	-0.97%	-37.08%
EWM	iShares Malaysia Index	Emerging Markets Equit	7	6.45%	4.89%	12.92%	3.33%	5.70%	-35.29%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equit	7	4.99%	5.82%	12.88%	4.95%	-0.37%	-26.49%
GNR	SPDR S&P Global Natural Resources	Commodity Producers	6	6.40%	1.31%	9.12%	5.54%	7.57%	-7.81%
PZA	Pshares Insured National Munis	National Munis	6	4.15%	4.79%	10.87%	4.93%	3.58%	-12.54%
TLH	iShares Lehman 10-20 Yr Treasury	Government Bonds	6	4.03%	4.79%	9.75%	7.15%	0.41%	-32.73%
IYM	Dow Jones US Basic Mat's	Materials	6	5.40%	0.40%	11.04%	5.88%	5.01%	-14.23%

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PFF	iShares S&P Preferred Stock	Preferred Stock/Convert	6	6.89%	2.94%	7.38%	7.66%	0.75%	-18.40%
VOX	Vanguard Telecom Serv's	Communication Equities	6	8.62%	1.95%	5.92%	7.42%	-4.48%	-41.36%
BWX	SPDR Lehman Intl Treasury Bond	World Gov Bond	6	4.58%	4.77%	11.06%	4.77%	3.69%	-25.28%
EMB	iShares Emerging Markets Bond	Emerging Market Bond	6	3.57%	3.85%	10.96%	4.86%	3.55%	-24.81%
FXD	First Trust Cons. Discret. AlphaDEX	Consumer Discretionary	6	7.54%	0.92%	9.03%	6.56%	5.76%	-21.72%
FPE	First Trust Preferred Securities and Income	Preferred Stock	6	5.06%	5.06%	8.18%	6.25%	2.53%	-13.98%
IYR	Dow Jones US Real Estate	Real Estate	5	5.44%	0.19%	7.43%	4.96%	-3.41%	-23.91%
GUNR	FlexShares Global Upstream Natural Resources	Commodity Producers	5	5.65%	2.07%	9.03%	4.49%	7.27%	-7.17%
VRP	PowerShares Variable Rate Preferred Portfolio	Preferred Stock	5	3.97%	4.11%	6.40%	3.97%	2.56%	-12.05%
BAB	PowerShares Build America Bond Portfolio	National Munis	5	3.63%	4.71%	8.09%	5.52%	1.19%	-21.68%
XHB	SPDR Series Trust SPDR Home Builders	Building & Construction	5	4.58%	2.17%	9.36%	5.14%	5.40%	-26.49%
VWOB	Vanguard Emerging Markets Gov Bonds	Emerging Markets Bond	5	2.90%	3.76%	10.23%	4.62%	3.42%	-23.38%
RWO	SPDR DJ Wilshire Global Real Estate	Global Real Estate	5	5.29%	0.80%	7.73%	4.62%	-2.88%	-24.33%
ECH	iShares Chile Index	Latin America	5	4.60%	6.06%	8.55%	0.74%	3.90%	-51.42%
IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	5	6.11%	-0.20%	7.54%	5.08%	5.62%	-38.79%
LQD	iShares iBoxx \$ Liquid Invest. Gr.	Corporate Bonds	5	3.48%	3.12%	9.28%	5.41%	2.14%	-20.14%
VAW	Vanguard Materials VIPERS	Materials	5	4.52%	-0.84%	9.72%	4.84%	4.42%	-10.56%
FBT	1st Trust Biotechnology Index	Health & Biotech Equiti	5	1.26%	4.25%	13.15%	3.28%	11.71%	-13.88%
IYT	Dow Jones Transportation	Transportation Equities	4	5.00%	-1.20%	7.35%	5.69%	1.12%	-19.38%
VT	Vanguard Total World Stock Index	Global Equities	4	4.39%	0.13%	7.81%	4.05%	2.02%	-17.90%
BOND	PIMCO Total Return Active Exchange-Traded	Total Bond Market	4	2.29%	3.16%	6.01%	3.78%	0.46%	-17.03%
FXE	CurrencyShares Euro Currency Trust	Currency	4	2.18%	4.08%	8.62%	1.15%	4.99%	-17.04%
FXB	CurrencyShares British Pound	Currency	4	2.98%	2.46%	7.08%	2.62%	3.67%	-18.07%
PPLT	ETFS Physical Platinum Shares	Precious Metals	4	5.80%	5.39%	7.79%	-3.30%	9.49%	-19.62%
SDOG	ALPS Sector Dividend Dogs	Large Cap Value Equiti	4	4.33%	-0.11%	7.43%	3.15%	2.75%	-7.64%
ACWI	iShares MSCI ACWI	Global Equities	4	4.29%	0.01%	7.67%	4.03%	2.10%	-17.65%
IHI	iShares DJ US Medical Devices	Health & Biotech Equiti	4	3.05%	2.83%	8.91%	2.34%	3.62%	-85.52%
EWC	iShares Canada Index	Foreign Large Cap Equi	4	6.72%	-2.01%	4.94%	5.77%	0.88%	-14.85%
VCIT	Vanguard Intermediate-Term Corporate Bond	Corporate Bonds	4	2.72%	3.03%	7.26%	4.26%	1.89%	-16.84%
IEF	iShares Lehman 7-10 Yr Treasury	Government Bonds	4	2.72%	2.80%	4.72%	4.23%	0.17%	-18.88%
IJS	S&P SmallCap 600/BARRA Value	Small Value	4	6.50%	-0.93%	4.37%	5.50%	3.47%	-44.40%
XBI	SPDR Series Trust SPDR S&P Biotech	Health & Biotech Equiti	4	2.50%	4.72%	4.92%	2.28%	6.24%	-51.21%
ICF	Cohen & Steers Realty	Real Estate	4	5.40%	0.05%	7.75%	4.72%	-4.19%	-54.41%
RPV	Guggenheim S&P 500 Pure Value	Large Value	4	5.85%	-1.29%	5.19%	4.72%	3.74%	-7.46%
IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	4	6.14%	-1.57%	6.11%	5.20%	4.80%	-7.71%
VNQ	Vanguard REIT Index	Real Estate	4	5.67%	-0.44%	6.62%	5.07%	-4.33%	-25.30%
RWR	Wilshire REIT Fund	Real Estate	4	5.47%	-0.53%	5.85%	4.92%	-4.04%	-25.15%
XLB	Materials Select Sector *	Materials	4	4.07%	-1.48%	9.65%	4.47%	3.96%	-10.44%
SCHH	Schwab U.S. REIT	Real Estate	4	5.27%	-0.20%	6.94%	4.67%	-3.79%	-61.68%
BBH	VanEck Vectors Biotech	Health & Biotech	4	1.02%	0.31%	9.14%	3.88%	8.50%	-24.83%
BIV	Vanguard Intermed. Term Bond	Intermediate-Term Bon	4	2.32%	2.88%	5.35%	3.79%	0.98%	-18.26%
ILF	iShares S&P 40 Latin America	Latin America Stock	3	7.60%	-0.24%	-2.75%	8.26%	0.12%	-37.27%
GOVT	iShares Core U.S. Treasury Bond	Government Bonds	3	1.91%	2.36%	3.77%	3.08%	0.06%	-17.24%
FXH	1st Trust Health Care AlphaDEX	Health & Biotech Equiti	3	0.92%	2.68%	7.27%	1.49%	4.54%	-13.86%

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JNK	Barclays Cap. High Yield Bond	High Yield Bond	3	2.71%	1.33%	2.66%	3.51%	0.27%	-71.32%
IYZ	Down Jones US Telecom	Commun. Equities	3	5.71%	-0.47%	3.64%	3.97%	-4.31%	-36.18%
AGG	iShares Lehman Aggregate Bond	Intermediate-Term Bon	3	2.23%	2.51%	5.28%	3.62%	0.66%	-15.99%
IJH	S&P MidCap 400	Mid-Cap Blend	3	4.22%	-1.84%	5.19%	3.64%	3.42%	-13.71%
IYG	Dow Jones US Financial Serv's	Specialty-Financial	3	5.25%	-2.67%	4.37%	3.75%	3.18%	-19.72%
MDY	MidCap Trust Series I	Mid-Cap Blend	3	4.20%	-1.88%	5.18%	3.60%	3.47%	-13.62%
IGE	iShares North American Natural Resources	Commodity Producers	3	6.34%	-1.93%	2.76%	3.62%	6.77%	-7.26%
VB	Vanguard SmallCap	Small Cap Blend	3	4.67%	-1.74%	3.58%	4.17%	1.80%	-20.13%
SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	3	5.04%	-1.44%	3.30%	4.44%	1.81%	-61.59%
VGIT	Vanguard Intermediate-Term Gov Bonds	Government Bonds	3	1.73%	2.23%	3.32%	2.86%	0.33%	-15.10%
CWB	SPDR Barclays Convertible Securities	Convertible Bonds	3	3.27%	0.73%	2.89%	3.64%	0.12%	-27.68%
REZ	iShares Residential Real Estate Capped	Specialty-Real Estate	3	5.20%	-0.87%	2.33%	4.54%	-8.39%	-27.97%
DES	Wisdom Tree SmallCap Div.	Small Cap Value	3	4.17%	-2.30%	3.96%	4.43%	2.07%	-65.23%
VBK	Vanguard SmallCap Growth	Small Cap Growth	3	5.48%	-0.11%	2.98%	5.27%	0.62%	-30.97%
PHB	PowerShares High Yield Corp Bond	High Yield Bonds	3	2.27%	2.09%	3.96%	2.80%	1.96%	-10.52%
SCHR	Schwab Intermediate-Term U.S. Treasury	Government Bonds	3	1.95%	2.20%	3.26%	2.88%	0.20%	-14.09%
TOTL	SPDR DoubleLine Total Return Tactical	Total Bond Market	3	2.37%	2.65%	4.38%	3.47%	-0.25%	-17.72%
BND	Vanguard Total Bond Market	Intermediate-Term Bon	3	2.02%	2.54%	5.22%	3.56%	0.65%	-16.85%
SCHM	Schwab U.S. Mid Cap	Mid Cap Blend Equities	3	4.25%	-1.67%	5.09%	3.84%	1.92%	-18.30%
MUB	iShares S&P National Muni Bond	National Munis	3	2.28%	2.62%	6.39%	2.55%	2.37%	-8.25%
SCHZ	Schwab US Aggregate Bond	Total Bond Market	3	2.29%	2.56%	5.34%	3.66%	0.66%	-16.87%
SJNK	SPDR Barclays Short Term High Yield Bond	High Yield Bonds	2	2.18%	1.10%	2.01%	2.60%	0.81%	-11.62%
SCHP	Schwab U.S. TIPs	Inflation-Protected Bond	2	1.92%	0.76%	1.26%	2.57%	-3.26%	-16.86%
IVE	S&P 500/BARRA Value	Large Value	2	3.24%	-1.49%	5.35%	2.32%	3.39%	-6.68%
HYG	iShares Lehman Hi-Yield Corp.	High Yield Bond	2	2.45%	1.35%	2.76%	3.25%	0.79%	-14.56%
HYS	PIMCO 0-5 Year High Yield Corp Bond	High Yield Bonds	2	1.56%	0.74%	1.58%	2.39%	0.84%	-10.34%
GVI	iShares Lehman Intern. Govt/Credit	Total Bond Market	2	1.48%	1.79%	3.02%	2.13%	0.39%	-11.58%
IBB	Nasdaq Biotechnology	Health & Biotech Equiti	2	0.16%	0.17%	7.34%	2.10%	7.85%	-60.67%
IWM	Russell 2000	Small Blend	2	4.86%	-1.91%	1.65%	4.40%	1.04%	-24.95%
IJR	S&P Sm.Cap 600	Small Blend	2	4.63%	-2.40%	2.78%	4.19%	1.68%	-18.04%
IWP	Russell MidCap Growth	Mid-Cap Growth	2	3.23%	-2.28%	3.15%	2.89%	1.22%	-30.22%
VCSH	Vanguard Short-Term Corporate Bond	Corporate Bonds	2	1.00%	1.53%	2.98%	1.60%	0.74%	-8.24%
VBR	Vanguard SmallCap Value	Small Cap Value	2	4.08%	-2.57%	4.10%	3.43%	2.67%	-11.57%
IEI	iShares Lehman 3-7 Yr. Treasury	Government Bonds	2	1.75%	2.17%	3.07%	2.53%	0.45%	-12.16%
XPH	SPDR Pharmaceuticals	Health & Biotech Equiti	2	3.45%	0.02%	1.83%	3.13%	0.72%	-24.60%
XRT	SPDR S&P Retail *	Consumer Discretionary	2	7.15%	-4.61%	2.07%	5.10%	-0.42%	-39.01%
TIP	iShares TIPS Bond Fd	Inflation-Protected Bond	2	1.96%	1.67%	2.44%	2.66%	-2.51%	-16.50%
SHYG	iShares 0-5 Year High Yield Corporate Bond	High Yield Bonds	2	1.80%	0.77%	1.75%	2.25%	0.90%	-12.95%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	2	2.72%	-2.48%	4.85%	2.14%	1.35%	-9.81%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	2	2.37%	-2.30%	4.94%	2.20%	0.02%	-20.39%
VOT	Vanguard Mid-Cap Growth	Mid-Cap Growth	2	3.65%	-1.78%	3.45%	3.07%	-0.32%	-30.29%
FXO	1st Trust Financials AlphaDEX	Financial Equities	2	3.31%	-2.78%	4.69%	3.49%	2.96%	-12.80%
IYJ	Dow Jones US Industrial	Industrial Equities	2	2.14%	-2.31%	5.47%	1.28%	3.48%	-49.38%
IWN	Russell 2000 Value	Small Value	2	4.67%	-2.53%	1.74%	4.11%	0.36%	-18.38%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
RSP	Guggenheim S&P Equal Weight	Large Blend	2	3.24%	-1.74%	5.54%	2.61%	2.29%	-11.73%
IYW	Dow Jones US Technology	Technology Equities	2	3.79%	-3.15%	3.71%	3.62%	-5.67%	-34.08%
VXF	Vanguard Extended Markets VIPERs	Mid Cap Blend	2	4.79%	-1.84%	1.90%	4.27%	-0.40%	-30.73%
EWT	iShares Taiwan Index	Pacific Asia/excl. Japan	2	6.93%	-11.83%	3.86%	7.97%	-11.33%	-36.02%
VO	Vanguard Mid-Cap	Mid-Cap Blend	2	3.20%	-2.16%	4.30%	2.66%	0.62%	-19.89%
XLE	Energy Select Sector *	Energy Equities	2	6.19%	-2.48%	0.73%	2.42%	9.86%	-4.77%
IWS	Russell MidCap Value	Mid-Cap Value	2	3.47%	-2.12%	4.89%	2.77%	1.04%	-12.40%
IWR	Russell MidCap Index Fs	Mid-Cap Blend	2	3.32%	-2.16%	4.18%	2.79%	1.03%	-69.06%
FLTB	Fidelity Limited Term Bond	Corporate Bonds	2	0.93%	1.48%	2.68%	1.50%	0.54%	-7.92%
BKLN	PowerShares Exchange-Traded Fund Trust	High Yield Bonds	2	2.08%	1.93%	2.47%	2.97%	1.25%	-9.74%
IWO	Russell 2000 Growth	Small Growth	2	5.00%	-1.20%	1.55%	4.60%	1.71%	-33.35%
BNDX	Vanguard Total International Bond	Total Bond Market	2	1.87%	-0.04%	1.47%	3.18%	-0.53%	-17.36%
FEX	First Trust Large Cap Core AlphaDEX	Large Cap Blend Equity	1	1.76%	-3.16%	3.49%	1.71%	1.43%	-12.41%
EWZ	iShares Brazil Index	Latin America Stock	1	4.64%	-0.20%	-6.67%	5.54%	-3.15%	-39.02%
BSV	Vanguard Short Term Bond	Total Bond Market	1	0.83%	1.39%	2.02%	1.38%	0.33%	-8.38%
DON	Wisdom Tree MidCap Div.	Mid-Cap Value	1	2.83%	-3.13%	2.56%	2.43%	1.73%	-58.47%
FLOT	iShares Floating Rate Bond	Corporate Bonds	1	0.70%	0.46%	0.58%	0.34%	0.48%	-1.15%
ACVV	iShares Edge MSCI Min Vol Global	Global Equities	1	1.05%	-1.96%	4.75%	0.95%	0.40%	-11.41%
IYF	Dow Jones US Financial Sector	Specialty-Financial	1	3.39%	-3.59%	4.01%	2.12%	3.24%	-46.26%
FNDX	Schwab Fundamental U.S. Large Company Index	Large Cap Value Equiti	1	2.49%	-3.19%	3.80%	1.72%	1.60%	-9.25%
DBC	PowerShares DB Commodity Index	Commodities	1	3.57%	0.73%	-2.58%	1.18%	-4.18%	-18.31%
DVY	iShares Select Dividend Index	Large Cap Value	1	1.27%	-3.00%	4.48%	0.57%	0.46%	-8.21%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	1	3.12%	-3.62%	-0.26%	3.04%	-5.09%	-65.68%
JXI	iShares S&P Global Utilities	Utilities Equities	1	0.33%	-1.77%	7.44%	-0.13%	-1.02%	-10.96%
KBWB	PowerShares KBW Bank Portfolio	Financials Equities	1	5.22%	-4.34%	0.85%	3.02%	-2.06%	-29.80%
KIE	SPDR S&P Insurance	Specialty-Financial	1	1.08%	-2.01%	4.23%	1.03%	5.25%	-55.91%
VOO	Vanguard S&P 500	Large Cap Blend Equiti	1	2.07%	-3.42%	2.26%	1.65%	-1.27%	-18.69%
MGK	Vanguard Mega Cap Growth	Large Cap Growth Equi	1	3.72%	-3.83%	0.24%	3.74%	-5.55%	-32.47%
MOO	VanEck Vectors Agribusiness	Commodity Producers	1	4.05%	-3.76%	0.91%	3.89%	-0.97%	-17.68%
PEZ	PowerShares Consumer Cyclical	All Cap Equities	1	3.82%	-2.89%	1.06%	2.39%	0.33%	-35.88%
VIS	Vanguard Industrials	industrials Equities	1	1.07%	-3.22%	5.32%	0.64%	4.18%	-11.42%
PJP	Dynamic Pharmaceuticals	Health & Biotech Equiti	1	0.01%	0.10%	3.95%	0.09%	3.98%	-5.83%
PKW	PowerShares Buyback Achievers	All Cap Equities	1	2.68%	-3.23%	3.74%	1.60%	4.43%	-11.40%
PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	1	2.27%	-3.07%	3.52%	1.44%	1.37%	-10.31%
QQQ	PowerShares QQQ Trust, Series 1	Large Growth	1	3.15%	-4.10%	0.84%	3.33%	-5.51%	-31.89%
VTI	Total Stock Market VIPERs	All Cap Equities	1	2.44%	-3.24%	2.18%	2.00%	-1.13%	-19.73%
SCHB	Schwab U.S. Broad Market	All Cap Equities	1	2.47%	-3.24%	2.24%	1.94%	-1.11%	-59.83%
VLUE	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	1	2.62%	-4.13%	2.43%	2.12%	-0.76%	-19.01%
SCHO	Schwab Short-Term U.S. Treasury	Government Bonds	1	0.60%	0.85%	0.83%	0.85%	-0.21%	-5.95%
SCHV	Schwab U.S. Large-Cap Value	Large Cap Value Equiti	1	1.51%	-3.17%	4.13%	0.74%	1.74%	-10.35%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	1	2.23%	-3.35%	2.16%	1.75%	-1.36%	-59.90%
VGT	Vanguard Info Technology	Technolgy Equities	1	3.11%	-3.82%	2.41%	3.00%	-3.67%	-29.42%
SHY	iShares Lehman 1-3 Year Treasury	Government Bonds	1	0.60%	0.81%	0.75%	0.84%	-0.23%	-5.70%
SPHD	PowerShares S&P 500 HiDivLowVol	Large Cap Value	1	1.10%	-2.19%	5.05%	0.71%	-0.50%	-10.36%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
SPHQ	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	1	2.34%	-2.95%	4.64%	1.57%	1.08%	-16.81%
SPY	SPDR S&P 500	Large Cap Blend	1	2.08%	-3.40%	2.28%	1.62%	-1.20%	-18.65%
VGSH	Vanguard Short-Term Government	Government Bonds	1	0.41%	0.90%	0.88%	0.86%	-0.09%	-6.45%
VFH	Vanguard Financials	Financials Equities	1	3.34%	-4.02%	3.28%	2.15%	2.56%	-16.94%
VDE	Vanguard Energy VIPERS	Energy Equities	1	5.59%	-3.90%	-0.47%	2.03%	8.55%	-6.17%
VCR	Vanguard Consumer Discretionary	Consumer Discretionary	1	6.05%	-4.13%	-4.27%	5.57%	-6.30%	-34.98%
IGV	iShares North American Tech-Software	Technology Equities	1	3.22%	-1.85%	-1.11%	2.25%	-4.68%	-41.41%
IJT	S&P SmallCap 600/BARRA Growth	Small Growth	1	2.95%	-3.61%	1.71%	2.97%	0.10%	-46.77%
VV	Vanguard LargeCap	Large Cap Blend	1	2.08%	-3.43%	1.95%	1.64%	-1.54%	-20.16%
IWB	Russell 1000 Index	Large Blend	1	2.32%	-3.24%	2.20%	1.78%	-1.23%	-19.48%
IWD	Russell 1000 Value	Large Value	1	2.36%	-2.43%	4.46%	1.47%	1.62%	-9.75%
IVV	S&P 500	Large Blend	1	2.07%	-3.36%	2.35%	1.64%	-1.18%	-18.61%
XLK	Technology Select *	Technology Equities	1	2.74%	-4.28%	2.98%	2.76%	-3.58%	-27.61%
VUG	Vanguard Growth	Large Cap Growth	1	3.82%	-3.44%	0.75%	3.73%	-4.80%	-32.12%
INDA	iShares MSCI India	Emerging Markets Equit	1	1.99%	-1.76%	1.60%	1.84%	1.36%	-16.29%
XLF	Financial Select Sector *	Financial Equities	1	3.08%	-3.63%	4.32%	1.75%	3.38%	-15.98%
IJK	S&P MidCap 400/BARRA Growth	Mid-Cap Growth	1	2.38%	-3.35%	2.99%	2.24%	1.34%	-72.83%
IWV	Russell 3000 Index	All Cap Equities	1	2.45%	-3.17%	2.11%	1.93%	-1.13%	-19.40%
IXC	S&P Global Energy	Energy Equities	1	5.48%	-3.38%	0.63%	2.69%	7.20%	-6.01%
IHE	iShares DJ US Pharmaceuticals	Health & Biotech Equiti	1	0.40%	0.84%	3.97%	-0.13%	0.61%	-7.90%
IXJ	S&P Global Healthcare	Health & Biotech Equiti	1	-0.55%	-1.21%	4.91%	-0.32%	3.09%	-31.24%
IYC	iShares US Consumer Services	Consumer Discretionary	1	5.77%	-3.26%	-2.23%	5.21%	-2.98%	-78.37%
IHDG	WisdomTree International Hedged Dividend Growth	Foreign Large Cap Equi	1	4.80%	-6.46%	0.03%	6.03%	-2.44%	-18.65%
XMLV	PowerShares S&P MidCap Low Volatility Portfolio	Mid Cap Blend Equities	1	1.05%	-3.55%	4.22%	0.54%	1.57%	-8.13%
ITOT	iShares Core S&P Total U.S. Stock Market	All Cap Equities	1	2.54%	-3.08%	2.26%	2.00%	-1.10%	-19.63%
DHS	Wisdom Tree High-Yield Equity	Large Cap Value	0	0.69%	-2.60%	3.25%	0.28%	1.79%	-5.36%
DOG	ProShares Short Dow 30	Bear Market	0	0.27%	3.94%	-3.07%	0.45%	-3.19%	-62.57%
XLI	Industrial Select Sector *	Industrial Equities	0	-0.18%	-3.62%	5.58%	-0.59%	4.06%	-8.86%
IYE	Dow Jones US Energy	Specialty-Natural Res.	0	4.85%	-4.31%	-0.86%	1.83%	8.30%	-6.26%
FTSM	First Trust Enhanced Short Maturity	Total Bond Market	0	0.03%	0.25%	0.35%	0.30%	0.31%	-1.00%
DBJP	Deutsche X-Trackers MSCI Japan Hedged	Japan Equities	0	1.87%	-5.30%	1.87%	3.31%	1.22%	-5.47%
GSG	iShares GSCI Commodity Index	Commodities.	0	2.75%	1.24%	-4.01%	0.24%	-5.11%	-19.21%
FDL	1st Trust Morningstar Div. Lead's	Large Cap Value	0	0.99%	-2.90%	3.14%	0.77%	1.40%	-5.97%
IWF	Russell 1000 Growth	Large Growth	0	2.23%	-4.13%	-0.11%	2.28%	-4.07%	-29.21%
GSLC	Goldman Sachs ActiveBeta U.S. Large CaP	Large Cap Blend Equiti	0	1.33%	-3.64%	2.05%	1.43%	-1.20%	-19.24%
DXJ	Wisdom Tree Japan Hedged Equity	Japan Stock	0	-0.14%	-4.94%	3.90%	2.68%	2.01%	-4.94%
VTV	Vanguard Value	Large Cap Value	0	0.55%	-3.47%	3.14%	-0.23%	1.81%	-7.13%
XLY	Consumer Discretionary Sec.*	Consumer Discretionary	0	5.55%	-4.87%	-6.31%	5.06%	-8.41%	-35.82%
DIA	SPDR Dow Jones Industrial Average	Large Cap Value	0	0.11%	-3.75%	3.17%	-0.21%	2.50%	-10.12%
FV	First Trust Dorsey Wright Focus 5	Large Cap Value Equiti	0	2.53%	-4.40%	0.09%	0.84%	2.92%	-8.89%
DGRO	iShares Core Dividend Growth	Large Cap Value Equiti	0	0.20%	-3.88%	3.68%	-0.38%	0.78%	-11.15%
VIG	Vanguard Div. Appreciation	Large Cap Value Equiti	0	0.13%	-3.65%	3.74%	-0.28%	1.26%	-12.07%
SDY	SPDR Dividend ETF	Large Value	0	0.02%	-4.83%	3.21%	-0.23%	0.98%	-5.68%
VYM	Vanguard High Div. Yield Index	Large Cap Value	0	0.33%	-4.16%	3.01%	-0.37%	1.63%	-6.26%

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PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	0	2.33%	-5.02%	-1.07%	1.89%	-0.82%	-28.28%
HEZU	iShares Currency Hedged MSCI Eurozone	Europe Equities	0	7.02%	-12.47%	-3.98%	8.68%	-4.22%	-22.47%
SCHD	Schwab US Dividend Equity	All Cap Equities	0	-0.07%	-4.33%	3.47%	-0.66%	1.03%	-8.42%
HDV	iShares Core High Dividend	Large Cap Value Equiti	0	0.67%	-3.39%	2.38%	-0.33%	1.05%	-5.48%
NOBL	ProShares S&P 500 Dividend Aristocrats	Large Cap Value Equiti	0	-0.13%	-4.74%	3.68%	-0.10%	0.86%	-8.92%
PEY	PowerShares Hi Yields Div. Achiev's	Mid-Cap Value	0	0.73%	-3.63%	2.27%	0.10%	-0.37%	-7.87%
INDY	iShares S&P India Nifty 50 Index Fund	Emerging Markets Equit	0	2.17%	-4.61%	-0.41%	2.15%	-0.31%	-19.49%
VTIP	Vanguard Short-Term Inflation-Protected Securities	Inflation-Protected Bond	-1	-1.65%	-1.22%	-1.57%	0.86%	-3.95%	-10.78%
VPU	Vanguard Utilities VIPERS	Utilities Equities	-1	-1.83%	-3.27%	4.74%	-2.17%	-2.74%	-11.44%
VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	-1	1.03%	-5.19%	-0.74%	1.00%	-5.89%	-30.37%
VHT	Vanguard Health Care	Health & Biotech Equiti	-1	-1.51%	-2.23%	2.33%	-1.27%	2.01%	-8.46%
XLU	Utilities Select Sector *	Utilities Equities	-1	-1.95%	-2.99%	4.89%	-2.38%	-2.92%	-11.90%
DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreign Large Cap Equi	-1	4.90%	-10.51%	-3.24%	5.71%	-4.26%	-14.70%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	-1	0.88%	-4.97%	0.33%	1.05%	-2.40%	-30.66%
XLV	Health Care Select SPDR *	Health & Biotech Equiti	-1	-2.04%	-2.85%	1.94%	-1.92%	2.05%	-6.71%
DJP	Bloomberg Commodity Index	Commodities	-1	0.60%	-2.62%	-0.24%	-0.68%	-5.79%	-18.74%
SPLV	PowerShares S&P 500 Low Volat.	Large Cap Blend	-1	-1.99%	-3.07%	3.44%	-2.05%	-0.73%	-9.84%
FXU	1st Trust Utilities AlphaDEX	Utilities Equities	-1	-2.45%	-4.15%	3.39%	-1.87%	-1.93%	-9.72%
IYH	Dow Jones US Healthcare	Specialty-Health	-1	-1.73%	-2.06%	2.62%	-1.62%	2.28%	-7.54%
PSQ	ProShares Short QQQ	Inverse Equities	-1	-2.72%	3.85%	-1.72%	-2.99%	3.39%	-74.33%
IVW	S&P 500/BARRA Growth	Large Growth	-1	1.04%	-5.14%	-0.72%	0.99%	-5.86%	-30.34%
SH	Short S&P 500 ProShares ETF	Inverse Equities	-1	-1.74%	3.27%	-2.47%	-1.43%	-0.03%	-62.06%
SPYG	S&P 500 Growth	Large Cap Growth	-1	1.05%	-5.17%	-0.72%	1.01%	-5.86%	-30.35%
IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	-1	1.03%	-5.11%	-0.51%	1.01%	-5.50%	-29.72%
ITA	iShares DJ US Aerospace&Defense	Industrials Equities	-1	-1.50%	-2.87%	3.46%	-3.07%	4.72%	-54.78%
IDU	Dow Jones US Utilities	Utilities Equities	-1	-2.05%	-3.47%	4.11%	-2.42%	-2.98%	-52.30%
USMV	iShares Edge MSCI Min Vol USA	All Cap Equities	-1	-0.54%	-3.70%	2.59%	-0.69%	-0.30%	-11.65%
IEO	iShares DJ Oil & Gas Expl.&Prod.	Energy Equities	-1	5.58%	-7.26%	-4.92%	2.66%	5.26%	-10.02%
RSX	Market Vectors Russia	Emerging Markets Equit	-1	-0.53%	-0.53%	-0.53%	-0.53%	-0.52%	-83.14%
FXG	1st Trust Consumer Staples	Consumer Staples Equi	-2	-2.14%	-5.27%	-0.24%	-0.91%	-0.94%	-8.42%
RWM	ProShares Short Russell2000	Inverse Equities	-2	-4.41%	1.46%	-2.36%	-4.02%	-3.13%	-62.59%
KBE	SPDR S&P Bank	Specialty-Financial	-2	2.45%	-7.62%	-3.59%	1.00%	-3.06%	-24.52%
XLP	Consumer Staples Select *	Consumer Staples	-3	-3.65%	-5.50%	0.64%	-3.34%	-1.92%	-10.56%
IYK	Dow Jones US Cons. Goods	Consumer Staples Equi	-3	-4.09%	-5.26%	0.51%	-3.73%	-1.53%	-8.52%
FXN	1st Trust Energy AlphaDEX	Energy Equities	-3	1.94%	-8.75%	-6.07%	1.35%	2.70%	-10.72%
VDC	Vanguard Consumer Staples	Consumer Staples Equi	-3	-2.99%	-5.41%	0.81%	-2.62%	-1.45%	-10.45%
FTGC	First Trust Global Tactical Commodity Strategy	Commodities	-3	2.04%	-7.33%	-7.51%	0.08%	-8.77%	-22.09%
MTUM	iShares Edge MSCI USA Momentum Factors	All Cap Equities	-3	-1.50%	-5.84%	-1.62%	-2.09%	0.03%	-26.26%
RHS	Guggenheim S&P 500 = Wt. Consum Staples	Consumer Staples	-3	-3.11%	-5.05%	0.31%	-2.67%	-1.40%	-8.17%
DBA	PowerShares DB Agriculture Fd	Agriculture Commoditie	-3	-3.63%	-2.57%	-1.83%	-3.92%	-5.76%	-15.68%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equi	-4	4.39%	-15.86%	-9.05%	5.70%	-9.24%	-21.44%
UUP	PowerShares DB US Dollar Bullish	Currency	-4	-1.82%	-3.85%	-7.57%	-1.19%	-3.78%	-10.40%
IHF	iShares DJ US Healthcare Provid's	Health & Biotech Equiti	-4	-2.65%	-4.92%	-4.02%	-2.63%	-2.28%	-11.91%
KRE	SPDR S&P Region.Banking	Specialty-Financial	-4	0.55%	-9.76%	-6.66%	-0.99%	-5.76%	-26.17%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
PIN	PowerShares India Portfolio	Emerging Markets Equit	-5	1.83%	-13.63%	-9.87%	2.07%	-9.41%	-58.84%
TBF	ProShares Short 20+Year Treasury	Inverse Bonds	-7	-3.68%	-5.20%	-10.39%	-7.63%	-0.69%	-15.08%
HDGE	Ranger Equity Bear	Inverse Equities	-7	-9.16%	-4.25%	-7.68%	-7.55%	-7.18%	-76.33%
EFZ	ProSharesShort MSCI EAFE	Inverse Equities	-9	-6.55%	-5.85%	-16.35%	-6.60%	-10.51%	-47.66%
TBT	ProShares UltraShort Lehman 20 Yr Treas	Leveraged Bonds	-14	-7.82%	-11.00%	-20.88%	-15.11%	-3.93%	-35.33%
HEWJ	iShares Currency Hedged MSCI Japan	Japan Equities	-15	1.28%	-34.15%	-29.22%	3.13%	-25.78%	-35.36%
UNG	U.S. Natural Gas Fund	Oil & Gas	-39	-33.52%	-53.70%	-44.42%	-25.46%	-55.19%	-88.10%