HV ETF Master List as of 01/30/2020

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD %	6M/A	DD%
IGV	iShares North American Tech-Software	Technology Equities	11	6.77%	11.77%	16.13%	8.80%	14.13%	0.00%
XLK	Technology Select *	Technology Equities	10	4.96%	12.93%	14.46%	7.06%	18.58%	0.00%
IYW	Dow Jones US Technology	Technology Equities	10	4.66%	12.52%	13.99%	6.92%	18.11%	-0.42%
VGT	Vanguard Info Technology	Technolgy Equities	10	4.76%	12.42%	14.08%	6.78%	17.62%	-0.15%
IDU	Dow Jones US Utilities	Utilities Equities	9	8.06%	8.86%	10.92%	6.87%	10.35%	0.00%
ITB	iShares DJ US Home Construction	Building and Constructi	9	9.73%	6.46%	11.28%	9.48%	16.10%	-1.42%
VPU	Vanguard Utilities VIPERS	Utilities Equities	9	7.96%	8.76%	10.76%	6.73%	10.27%	0.00%
XLU	Utilities Select Sector *	Utilities Equities	9	8.59%	9.29%	11.74%	7.38%	11.32%	0.00%
MGK	Vanguard Mega Cap Growth	Large Cap Growth Equi	8	3.73%	9.69%	11.72%	5.43%	13.43%	-0.58%
ZROZ	PIMCO 25 Yr Zero Coupon US Treas ldx Exchg-Tr	Government Bonds	8	8.27%	5.10%	9.78%	10.13%	8.57%	-3.31%
JXI	iShares S&P Global Utilities	Utilities Equities	8	7.19%	8.76%	10.63%	6.60%	10.39%	0.00%
XPH	SPDR Pharmaceuticals	Health & Biotech Equiti	8	0.55%	12.92%	19.96%	0.35%	16.42%	-8.33%
URE	ProShares Ultra Real Estate	Leveraged Real Estate	8	7.93%	7.29%	10.30%	5.84%	10.32%	-33.70%
PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	7	4.00%	7.21%	10.45%	4.65%	9.08%	-0.33%
MTUM	iShares Edge MSCI USA Momentum Factores	All Cap Equities	7	5.20%	7.40%	10.78%	5.72%	9.72%	-0.07%
EDV	Vanguard Extended Duration Treasury	Government Bonds	7	7.86%	3.93%	7.99%	9.26%	6.69%	-4.24%
VUG	Vanguard Growth	Large Cap Growth	7	3.40%	8.92%	11.11%	5.01%	12.51%	-0.79%
QQQ	PowerShares QQQ Trust, Series 1	Large Growth	7	2.98%	9.75%	11.06%	4.83%	14.15%	-0.89%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	7	3.22%	8.29%	11.09%	4.71%	12.68%	-0.60%
SPYG	S&P 500 Growth	Large Cap Growth	6	2.71%	7.57%	9.59%	4.28%	10.06%	-0.80%
TLT	iShares 20+ Treas. Bd	Government Bonds	6	5.53%	3.92%	6.72%	6.66%	5.65%	-2.18%
IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	6	2.72%	7.18%	9.21%	4.13%	9.69%	-0.72%
IVW	S&P 500/BARRA Growth	Large Growth	6	2.70%	7.31%	9.36%	4.26%	9.85%	-0.76%
IWF	Russell 1000 Growth	Large Growth	6	2.67%	7.93%	10.40%	4.21%	11.86%	-0.98%
VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	6	2.75%	7.73%	9.70%	4.37%	10.19%	-0.74%
XHB	SPDR Series Trust SPDR Home Builders	Building & Construction	6	5.45%	5.13%	6.58%	5.57%	11.16%	-1.23%
FV	First Trust VL Dividend	Large Cap Value Equiti	5	1.69%	6.61%	7.17%	2.82%	6.86%	-1.70%
USMV	iShares Edge MSCI Min Vol USA	All Cap Equities	5	3.58%	5.12%	7.01%	3.77%	7.13%	-0.15%
GLD	SPDR Gold Shares	Precious Metals	5	3.14%	6.81%	7.38%	3.81%	8.49%	-0.35%
SPLV	PowerShares S&P 500 Low Volat.	Large Cap Blend	5	4.56%	5.45%	6.43%	4.05%	7.01%	0.00%
IAU	iShares Gold Trust	Precious Metals	5	3.15%	6.80%	7.41%	3.79%	8.55%	-0.40%
SGOL	ETFS Physical Swiss Gold Shares	Precious Metals	5	3.26%	6.82%	7.43%	3.83%	-84.78%	-89.87%
IHE	iShares DJ US Pharmaceuticals	Health & Biotech Equiti	5	0.24%	5.78%	12.20%	0.66%	8.84%	-5.06%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	5	1.94%	6.16%	8.42%	3.17%	8.17%	-1.37%
PPLT	ETFS Physical Platinum Shares	Precious Metals	5	-0.03%	9.18%	7.70%	1.54%	10.12%	-18.52%
IWP	Russell MidCap Growth	Mid-Cap Growth	5	1.92%	5.18%	8.56%	3.00%	8.22%	-1.37%
IHI	iShares DJ US Medical Devices	Health & Biotech Equiti	5	2.31%	4.55%	9.92%	3.00%	10.02%	-1.94%
CWB	SPDR Barclays Convertible Securities	Convertible Bonds	5	3.23%	6.27%	8.06%	4.24%	7.97%	-0.16%
VOT	Vanguard Mid-Cap Growth	Mid-Cap Growth	5	2.26%	5.86%	8.74%	3.21%	8.08%	-1.57%
BLV	Vanguard Long Term Bond	Long-Term Bond	5	4.15%	3.41%	5.85%	4.73%	5.58%	-0.42%
TUR	iShares Turkey Investment Index	Emerging Markets Equi	4	1.16%	3.63%	8.03%	3.55%	11.19%	-40.64%

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IWB	Russell 1000 Index	Large Blend	4	1.05%	5.06%	6.53%	2.04%	8.65%	-1.23%
IYR	Dow Jones US Real Estate	Real Estate	4	4.00%	3.14%	4.82%	3.05%	4.84%	-0.47%
SPHQ	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	4	0.60%	5.22%	7.00%	1.67%	8.85%	-1.54%
SOXX	iShares PHLX SOX Semiconductor Sector Index	Technology Equities	4	-1.65%	9.09%	7.45%	0.46%	16.30%	-4.42%
SMH	VanEch Vectors Semiconductor	Technology Equities	4	-1.36%	8.09%	7.36%	0.90%	17.21%	-3.77%
GSLC	Goldman Sachs ActiveBeta U.S. Large CaP	Large Cap Blend Equiti	4	1.46%	5.14%	6.85%	2.34%	8.94%	-1.20%
VCLT	Vanguard Long-Term Corporate Bond	Corporate Bonds	4	3.29%	3.61%	6.02%	3.60%	6.20%	0.00%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	4	1.08%	5.01%	6.47%	2.15%	8.68%	-1.19%
VV	Vanguard LargeCap	Large Cap Blend	4	1.12%	5.24%	6.66%	2.23%	8.89%	-1.19%
TLH	iShares Lehman 10-20 Yr Treasury	Government Bonds	4	4.14%	2.97%	4.59%	4.86%	3.76%	-1.47%
EWW	iShares Mexico Index	Latin America Stock	4	1.10%	8.24%	2.90%	3.59%	6.77%	-18.83%
VIG	Vanguard Div. Appreciation	Large Cap Value Equiti	4	1.95%	4.83%	6.09%	2.63%	7.50%	-0.75%
V00	Vanguard S&P 500	Large Cap Blend Equiti	4	0.89%	5.04%	6.35%	1.96%	8.69%	-1.30%
IYK	Dow Jones US Cons. Goods	Consumer Staples Equi	4	2.43%	4.58%	7.35%	2.22%	8.04%	-0.85%
EWL	iShares Switzerland Index	Europe Stock	4	0.93%	6.35%	6.96%	2.10%	8.65%	-1.01%
SPY	SPDR S&P 500	Large Cap Blend	4	0.86%	5.02%	6.33%	1.94%	8.68%	-1.35%
REZ	iShares Residential Real Estate Capped	Specialty-Real Estate	4	5.76%	1.81%	3.31%	4.63%	3.12%	-3.73%
RING	iShares MCSI Global Gold Miners Fund	Commodity Producers	3	-1.67%	4.93%	9.96%	-2.11%	10.68%	-11.20%
ITOT	iShares Core S&P Total U.S. Stock Market	All Cap Equities	3	0.89%	4.65%	6.07%	1.76%	8.18%	-1.39%
IVV	S&P 500	Large Blend	3	0.85%	4.86%	6.16%	1.94%	8.52%	-1.32%
IEF	iShares Lehman 7-10 Yr Treasury	Government Bonds	3	2.47%	1.94%	2.79%	2.88%	2.46%	-0.68%
ICF	Cohen & Steers Realty	Real Estate	3	4.06%	2.52%	4.14%	3.04%	3.05%	-1.62%
IJT	S&P SmallCap 600/BARRA Growth	Small Growth	3	0.53%	3.87%	5.32%	0.53%	6.23%	-6.90%
VTI	Total Stock Market VIPERs	All Cap Equities	3	0.90%	4.77%	6.21%	1.83%	8.29%	-1.36%
IYF	Dow Jones US Financial Sector	Specialty-Financial	3	0.85%	3.65%	4.71%	1.59%	7.74%	-0.68%
BAB	PowerShares Build America Bond Portfolio	National Munis	3	3.18%	2.47%	4.19%	3.60%	3.09%	-0.85%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	3	0.75%	4.54%	6.91%	1.74%	8.98%	-1.84%
VXF	Vanguard Extended Markets VIPERs	Mid Cap Blend	3	0.91%	3.83%	5.80%	1.04%	6.62%	-1.91%
SCHB	Schwab U.S. Broad Market	All Cap Equities	3	0.86%	4.67%	6.12%	1.80%	8.24%	-1.35%
ITA	iShares DJ US Aerospace&Defense	Industrials Equities	3	2.14%	2.66%	2.48%	4.69%	5.57%	-0.62%
VBK	Vanguard SmallCap Growth	Small Cap Growth	3	1.07%	3.66%	7.68%	1.49%	7.23%	-2.17%
ACWV	iShares Edge MSCI Min Vol Global	Global Equities	3	2.08%	2.59%	2.97%	2.54%	4.53%	-0.55%
LQD	iShares iBoxx \$ Liquid Invest. Gr.	Corporate Bonds	3	1.97%	2.36%	3.87%	2.20%	4.06%	0.00%
IXJ	S&P Global Healthcare	Health & Biotech Equiti	3	-0.03%	2.73%	7.78%	0.47%	9.19%	-43.97%
IWO	Russell 2000 Growth	Small Growth	3	0.83%	3.56%	7.17%	0.84%	7.29%	-2.80%
PFF	iShares S&P Preferred Stock	Preferred Stock/Conver	3	1.11%	3.83%	3.24%	1.84%	2.78%	-5.09%
VCR	Vanguard Consumer Discretionary	Consumer Discretionar	3	-0.21%	5.01%	4.76%	0.97%	5.35%	-1.59%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equi	3	0.39%	3.26%	7.71%	1.12%	5.10%	-14.97%
IWV	Russell 3000 Index	All Cap Equities	3	0.87%	4.84%	6.24%	1.79%	8.34%	-1.37%
VNQ	Vanguard REIT Index	Real Estate	3	3.70%	2.60%	4.14%	2.76%	4.36%	-0.72%
IWR	Russell MidCap Index Fs	Mid-Cap Blend	3	0.72%	3.68%	5.17%	1.04%	6.27%	-73.12%
VOX	Vanguard Telecom Serv's	Communication Equitie	3	0.95%	4.41%	6.38%	2.16%	7.17%	-7.88%
FXH	1st Trust Health Care AlphaDEX	Health & Biotech Equiti	3	0.07%	1.94%	8.58%	0.11%	8.17%	-3.65%

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BNDVanguard Total Bond MarketIntermediate-Term Bon21.58%1.45%2.19%1.75%PZAPshares Insured National MunisNational Munis21.28%1.40%2.09%1.47%MUBiShares S&P National Muni BondNational Munis21.47%1.53%2.20%1.54%BIVVanguard Intermed. Term BondIntermediate-Term Bon21.92%1.77%2.48%2.14%PCYPowerShares Emerging Markets Sovereign Debt PEmerging Markets Bon20.37%3.37%2.90%0.74%XLVHealth Care Select SPDR*Health & Biotech Equiti20.95%1.41%7.12%-0.53%XLIIndustrial Select Sector *Industrial Equities20.02%3.61%1.69%2.03%AGGiShares Lehman Aggregate BondIntermediate-Term Bon21.45%1.45%2.18%1.68%VDCVanguard Consumer StaplesConsumer Staples Equi21.51%1.97%4.51%0.79%GOVTiShares Core U.S. Treasury BondGovernment Bonds21.89%1.49%2.24%2.20%VTVanguard Total World Stock IndexGlobal Equities2-0.86%3.23%3.60%0.31%GDXJVarEck Vectors Junior Gold MinersCommodity Producers23.00%4.47%11.74%-3.32%GDKiShares Silver TrustPrecious Metals20.77%5.24%4.25%-0.06%SLViShares Silver Trust	4.17% -61.62%
PZAPshares Insured National MunisNational Munis21.28%1.40%2.09%1.47%MUBiShares S&P National Muni BondNational Munis21.47%1.53%2.20%1.54%BIVVanguard Intermed. Term BondIntermediate-Term Bon21.92%1.78%2.48%2.14%PCYPowerShares Emerging Markets Sovereign Debt PEmerging Markets Bon20.37%3.37%2.90%0.74%XLVHealth Care Select SPDR*Health & Biotech Equiti20.95%1.41%7.12%-0.53%XLIIndustrial Select Sector *Industrial Equities20.02%3.61%1.69%2.03%AGGiShares Lehman Aggregate BondIntermediate-Term Bon21.45%1.45%2.14%1.68%VDCVanguard Consumer StaplesConsumer Staples Equi21.51%1.97%4.51%0.79%GOVTiShares Core U.S. Treasury BondGovernment Bonds21.89%1.49%2.24%2.20%VTVanguard Total World Stock IndexGlobal Equities2-0.86%3.23%3.60%0.31%GDXJVarEck Vectors Junior Gold MinersCommodity Producers2-3.00%4.47%11.74%-3.32%DGROiShares Silver TrustPrecious Metals20.77%5.24%4.25%-0.06%VCITVanguard Intermediate-Term Corporate BondCorporate Bonds21.73%1.92%2.80%1.85%GDXMkt Vector Gold M	4.13% -0.55%
MUBiShares S&P National Muni BondNational Munis21.47%1.53%2.20%1.54%BIVVanguard Intermed. Term BondIntermediate-Term Bon21.92%1.78%2.48%2.14%PCYPowerShares Emerging Markets Sovereign Debt PEmerging Markets Bon20.37%3.37%2.90%0.74%XLVHealth Care Select SPDR*Health & Biotech Equiti20.95%1.41%7.12%-0.53%XLIIndustrial Select Sector*Industrial Equities20.02%3.61%1.69%2.03%AGGiShares Lehman Aggregate BondIntermediate-Term Bon21.45%1.45%2.18%1.68%VDCVanguard Consumer StaplesConsumer Staples Equi21.51%1.97%4.51%0.79%GOVTiShares Core U.S. Treasury BondGovernment Bonds21.89%1.49%2.24%2.20%VTVanguard Total World Stock IndexGlobal Equities2-0.86%3.23%3.60%0.31%GDXJVanEck Vectors Junior Gold MinersCommodity Producers2-3.00%4.47%11.74%-3.32%ITPiShares TIPS Bond FdInflation-Protected Bon21.20%1.69%2.53%1.73%DGROiShares Core Dividend GrowthLarge Cap Value Equiti2-0.19%3.07%4.14%0.59%SLViShares Silver TrustPrecious Metals2-0.77%5.24%4.25%-0.06%VCITVanguard Intermediate-T	2.10% 0.00%
BIVVanguard Intermed. Term BondIntermediate-Term Bon21.92%1.78%2.48%2.14%PCYPowerShares Emerging Markets Sovereign Debt PEmerging Markets Bon20.37%3.37%2.90%0.74%XLVHealth Care Select SPDR*Health & Biotech Equiti2-0.95%1.41%7.12%-0.53%XLIIndustrial Select Sector*Industrial Equities20.02%3.61%1.69%2.03%AGGiShares Lehman Aggregate BondIntermediate-Term Bon21.45%1.45%2.18%1.68%VDCVanguard Consumer StaplesConsumer Staples Equi21.51%1.97%4.51%0.79%GOVTiShares Core U.S. Treasury BondGovernment Bonds21.89%1.49%2.24%2.20%VTVanguard Total World Stock IndexGlobal Equities2-0.86%3.23%3.60%0.31%GDXJVanEck Vectors Junior Gold MinersCommodity Producers2-3.00%4.47%11.74%-3.32%TIPiShares TIPS Bond FdInflation-Protected Bon21.20%1.69%2.53%1.73%DGROiShares Silver TrustPrecious Metals2-0.77%5.24%4.25%-0.06%VCITVanguard Intermediate-Term Corporate BondCorporate Bonds21.73%1.92%2.80%1.85%GDXMkt Vector Gold MinersSpecialty-Precious Met2-2.11%4.02%8.46%-2.31% <trr<tr>GDXMkt Vector</trr<tr>	1.70% 0.00%
PCYPowerShares Emerging Markets Sovereign Debt PEmerging Markets Bon20.37%3.37%2.90%0.74%XLVHealth Care Select SPDR*Health & Biotech Equiti2-0.95%1.41%7.12%-0.53%XLIIndustrial Select Sector*Industrial Equities20.02%3.61%1.69%2.03%AGGiShares Lehman Aggregate BondIntermediate-Term Bon21.45%1.45%2.18%1.68%VDCVanguard Consumer StaplesConsumer Staples Equi21.51%1.97%4.51%0.79%GOVTiShares Core U.S. Treasury BondGovernment Bonds21.89%1.49%2.24%2.20%VTVanguard Total World Stock IndexGlobal Equities2-0.86%3.23%3.60%0.31%GDXJVanEck Vectors Junior Gold MinersCommodity Producers2-3.00%4.47%11.74%-3.32%TIPiShares Core Dividend GrowthLarge Cap Value Equiti2-0.19%3.07%4.14%0.59%SLViShares Silver TrustPrecious Metals2-0.77%5.24%4.25%-0.06%VCITVanguard Intermediate-Term Corporate BondCorporate Bonds21.73%1.92%2.80%1.85%GDXMkt Vector Gold MinersSpecialty-Precious Met2-2.11%4.02%8.46%-2.31%GDXMkt Vector Gold MinersSpecialty-Precious Met2-0.34%3.04%4.15%0.18%GDXMkt Vector G	1.70% -0.07%
XLVHealth Care Select SPDR*Health & Biotech Equiti2-0.95%1.41%7.12%-0.53%XLIIndustrial Select Sector*Industrial Equities20.02%3.61%1.69%2.03%AGGiShares Lehman Aggregate BondIntermediate-Term Bon21.45%1.45%2.18%1.68%VDCVanguard Consumer StaplesConsumer Staples Equi21.51%1.97%4.51%0.79%GOVTiShares Core U.S. Treasury BondGovernment Bonds21.89%1.49%2.24%2.20%VTVanguard Total World Stock IndexGlobal Equities2-0.86%3.23%3.60%0.31%GDXJVanEck Vectors Junior Gold MinersCommodity Producers2-3.00%4.47%11.74%-3.32%TIPiShares Core Dividend GrowthLarge Cap Value Equiti2-0.19%3.07%4.14%0.59%SLViShares Silver TrustPrecious Metals2-0.77%5.24%4.25%-0.06%VCITVanguard Intermediate-Term Corporate BondCorporate Bonds21.73%1.92%2.80%1.85%GDXMkt Vector Gold MinersSpecialty-Precious Met2-2.11%4.02%8.46%-2.31%FEXFirst Trust Large Cap Core AlphaDEXLarge Cap Blend Equity2-0.34%3.04%4.15%0.18%VGITVanguard Intermediate-Term Gov BondsGovernment Bonds21.62%1.36%1.84%1.74%EWCiShares Can	2.43% 0.00%
XLIIndustrial Select Sector *Industrial Equities20.02%3.61%1.69%2.03%AGGiShares Lehman Aggregate BondIntermediate-Term Bon21.45%1.45%2.18%1.68%VDCVanguard Consumer StaplesConsumer Staples Equi21.51%1.97%4.51%0.79%GOVTiShares Core U.S. Treasury BondGovernment Bonds21.89%1.49%2.24%2.20%VTVanguard Total World Stock IndexGlobal Equities2-0.86%3.23%3.60%0.31%GDXJVanEck Vectors Junior Gold MinersCommodity Producers23.00%4.47%11.74%-3.32%TIPiShares TIPS Bond FdInflation-Protected Bon21.20%1.69%2.53%1.73%DGROiShares Core Dividend GrowthLarge Cap Value Equiti2-0.19%3.07%4.14%0.59%SLViShares Silver TrustPrecious Metals2-0.77%5.24%4.25%-0.06%VCITVanguard Intermediate-Term Corporate BondCorporate Bonds21.73%1.92%2.80%1.85%GDXMkt Vector Gold MinersSpecialty-Precious Met2-0.34%3.04%4.15%0.18%FEXFirst Trust Large Cap Core AlphaDEXLarge Cap Blend Equity2-0.34%3.04%4.15%0.18%VGITVanguard Intermediate-Term Gov BondsGovernment Bonds21.62%1.36%1.84%1.74%EWCiShares Canada In	2.33% -3.84%
AGGiShares Lehman Aggregate BondIntermediate-Term Bon21.45%2.18%1.68%VDCVanguard Consumer StaplesConsumer Staples Equi21.51%1.97%4.51%0.79%GOVTiShares Core U.S. Treasury BondGovernment Bonds21.89%1.49%2.24%2.20%VTVanguard Total World Stock IndexGlobal Equities2-0.86%3.23%3.60%0.31%GDXJVanEck Vectors Junior Gold MinersCommodity Producers2-3.00%4.47%11.74%-3.32%TIPiShares TIPS Bond FdInflation-Protected Bon21.20%1.69%2.53%1.73%DGROiShares Core Dividend GrowthLarge Cap Value Equiti2-0.19%3.07%4.14%0.59%SLViShares Silver TrustPrecious Metals2-0.77%5.24%4.25%-0.06%VCITVanguard Intermediate-Term Corporate BondCorporate Bonds21.73%1.92%2.80%1.85%GDXMkt Vector Gold MinersSpecialty-Precious Met2-2.11%4.02%8.46%-2.31%FEXFirst Trust Large Cap Core AlphaDEXLarge Cap Blend Equity2-0.34%3.04%4.15%0.18%VGITVanguard Intermediate-Term Gov BondsGovernment Bonds21.62%1.36%1.84%1.74%EWCiShares Canada IndexForeign Large Cap Equ20.57%2.55%2.41%1.04%EWBiShares Emerging Markets Bond <td>7.60% -3.41%</td>	7.60% -3.41%
VDCVanguard Consumer StaplesConsumer Staples Equi21.51%1.97%4.51%0.79%GOVTiShares Core U.S. Treasury BondGovernment Bonds21.89%1.49%2.24%2.20%VTVanguard Total World Stock IndexGlobal Equities2-0.86%3.23%3.60%0.31%GDXJVanEck Vectors Junior Gold MinersCommodity Producers2-3.00%4.47%11.74%-3.32%TIPiShares TIPS Bond FdInflation-Protected Bon21.20%1.69%2.53%1.73%DGROiShares Core Dividend GrowthLarge Cap Value Equiti2-0.19%3.07%4.14%0.59%SLViShares Silver TrustPrecious Metals2-0.77%5.24%4.25%-0.06%VCITVanguard Intermediate-Term Corporate BondCorporate Bonds21.73%1.92%2.80%1.85%GDXMkt Vector Gold MinersSpecialty-Precious Met2-2.11%4.02%8.46%-2.31%FEXFirst Trust Large Cap Core AlphaDEXLarge Cap Blend Equity2-0.34%3.04%4.15%0.18%VGITVanguard Intermediate-Term Gov BondsGovernment Bonds21.62%1.36%1.84%1.74%EWCiShares Canada IndexForeign Large Cap Equ20.57%2.55%2.41%1.04%EWBiShares Emerging Markets BondEmerging Market Bond20.81%3.18%3.06%0.93%	6.00% -1.63%
GOVTiShares Core U.S. Treasury BondGovernment Bonds21.89%1.49%2.24%2.20%VTVanguard Total World Stock IndexGlobal Equities2-0.86%3.23%3.60%0.31%GDXJVanEck Vectors Junior Gold MinersCommodity Producers2-3.00%4.47%11.74%-3.32%TIPiShares TIPS Bond FdInflation-Protected Bon21.20%1.69%2.53%1.73%DGROiShares Core Dividend GrowthLarge Cap Value Equiti2-0.19%3.07%4.14%0.59%SLViShares Silver TrustPrecious Metals2-0.77%5.24%4.25%-0.06%VCITVanguard Intermediate-Term Corporate BondCorporate Bonds21.73%1.92%2.80%1.85%GDXMkt Vector Gold MinersSpecialty-Precious Met2-2.11%4.02%8.46%-2.31%FEXFirst Trust Large Cap Core AlphaDEXLarge Cap Blend Equity2-0.34%3.04%4.15%0.18%VGITVanguard Intermediate-Term Gov BondsGovernment Bonds21.62%1.36%1.84%1.74%EWCiShares Canada IndexForeign Large Cap Equ20.57%2.55%2.41%1.04%EMBiShares Emerging Markets BondEmerging Market Bond20.81%3.18%3.06%0.93%	2.03% 0.00%
VTVanguard Total World Stock IndexGlobal Equities2-0.86%3.23%3.60%0.31%GDXJVanEck Vectors Junior Gold MinersCommodity Producers2-3.00%4.47%11.74%-3.32%TIPiShares TIPS Bond FdInflation-Protected Bon21.20%1.69%2.53%1.73%DGROiShares Core Dividend GrowthLarge Cap Value Equiti2-0.19%3.07%4.14%0.59%SLViShares Silver TrustPrecious Metals2-0.77%5.24%4.25%-0.06%VCITVanguard Intermediate-Term Corporate BondCorporate Bonds21.73%1.92%2.80%1.85%GDXMkt Vector Gold MinersSpecialty-Precious Met2-2.11%4.02%8.46%-2.31%FEXFirst Trust Large Cap Core AlphaDEXLarge Cap Blend Equity2-0.34%3.04%4.15%0.18%VGITVanguard Intermediate-Term Gov BondsGovernment Bonds21.62%1.36%1.84%1.74%EWCiShares Canada IndexForeign Large Cap Equ20.57%2.55%2.41%1.04%EMBiShares Emerging Markets BondEmerging Market Bond20.81%3.18%3.06%0.93%	5.01% -0.72%
GDXJVanEck Vectors Junior Gold MinersCommodity Producers2-3.00%4.47%11.74%-3.32%TIPiShares TIPS Bond FdInflation-Protected Bon21.20%1.69%2.53%1.73%DGROiShares Core Dividend GrowthLarge Cap Value Equiti2-0.19%3.07%4.14%0.59%SLViShares Silver TrustPrecious Metals2-0.77%5.24%4.25%-0.06%VCITVanguard Intermediate-Term Corporate BondCorporate Bonds21.73%1.92%2.80%1.85%GDXMkt Vector Gold MinersSpecialty-Precious Met2-2.11%4.02%8.46%-2.31%FEXFirst Trust Large Cap Core AlphaDEXLarge Cap Blend Equity2-0.34%3.04%4.15%0.18%VGITVanguard Intermediate-Term Gov BondsGovernment Bonds21.62%1.36%1.84%1.74%EWCiShares Canada IndexForeign Large Cap Equ20.57%2.55%2.41%1.04%EMBiShares Emerging Markets BondEmerging Market Bond20.81%3.18%3.06%0.93%	1.95% -0.56%
TIPiShares TIPS Bond FdInflation-Protected Bon21.20%1.69%2.53%1.73%DGROiShares Core Dividend GrowthLarge Cap Value Equiti2-0.19%3.07%4.14%0.59%SLViShares Silver TrustPrecious Metals2-0.77%5.24%4.25%-0.06%VCITVanguard Intermediate-Term Corporate BondCorporate Bonds21.73%1.92%2.80%1.85%GDXMkt Vector Gold MinersSpecialty-Precious Met2-2.11%4.02%8.46%-2.31%FEXFirst Trust Large Cap Core AlphaDEXLarge Cap Blend Equity2-0.34%3.04%4.15%0.18%VGITVanguard Intermediate-Term Gov BondsGovernment Bonds21.62%1.36%1.84%1.74%EWCiShares Canada IndexForeign Large Cap Equ20.57%2.55%2.41%1.04%EMBiShares Emerging Markets BondEmerging Market Bond20.81%3.18%3.06%0.93%	6.19% -2.37%
DGROiShares Core Dividend GrowthLarge Cap Value Equiti2-0.19%3.07%4.14%0.59%SLViShares Silver TrustPrecious Metals2-0.77%5.24%4.25%-0.06%VCITVanguard Intermediate-Term Corporate BondCorporate Bonds21.73%1.92%2.80%1.85%GDXMkt Vector Gold MinersSpecialty-Precious Met2-2.11%4.02%8.46%-2.31%FEXFirst Trust Large Cap Core AlphaDEXLarge Cap Blend Equity2-0.34%3.04%4.15%0.18%VGITVanguard Intermediate-Term Gov BondsGovernment Bonds21.62%1.36%1.84%1.74%EWCiShares Canada IndexForeign Large Cap Equ20.57%2.55%2.41%1.04%EMBiShares Emerging Markets BondEmerging Market Bond20.81%3.18%3.06%0.93%	1.41% -20.46%
SLViShares Silver TrustPrecious Metals2-0.77%5.24%4.25%-0.06%VCITVanguard Intermediate-Term Corporate BondCorporate Bonds21.73%1.92%2.80%1.85%GDXMkt Vector Gold MinersSpecialty-Precious Met2-2.11%4.02%8.46%-2.31%FEXFirst Trust Large Cap Core AlphaDEXLarge Cap Blend Equity2-0.34%3.04%4.15%0.18%VGITVanguard Intermediate-Term Gov BondsGovernment Bonds21.62%1.36%1.84%1.74%EWCiShares Canada IndexForeign Large Cap Equ20.57%2.55%2.41%1.04%EMBiShares Emerging Markets BondEmerging Market Bond20.81%3.18%3.06%0.93%	2.29% 0.00%
VCITVanguard Intermediate-Term Corporate BondCorporate Bonds21.73%1.92%2.80%1.85%GDXMkt Vector Gold MinersSpecialty-Precious Met2-2.11%4.02%8.46%-2.31%FEXFirst Trust Large Cap Core AlphaDEXLarge Cap Blend Equity2-0.34%3.04%4.15%0.18%VGITVanguard Intermediate-Term Gov BondsGovernment Bonds21.62%1.36%1.84%1.74%EWCiShares Canada IndexForeign Large Cap Equ20.57%2.55%2.41%1.04%EMBiShares Emerging Markets BondEmerging Market Bond20.81%3.18%3.06%0.93%	7.32% -1.40%
GDXMkt Vector Gold MinersSpecialty-Precious Met2-2.11%4.02%8.46%-2.31%FEXFirst Trust Large Cap Core AlphaDEXLarge Cap Blend Equity2-0.34%3.04%4.15%0.18%VGITVanguard Intermediate-Term Gov BondsGovernment Bonds21.62%1.36%1.84%1.74%EWCiShares Canada IndexForeign Large Cap Equ20.57%2.55%2.41%1.04%EMBiShares Emerging Markets BondEmerging Market Bond20.81%3.18%3.06%0.93%	6.85% -14.90%
FEXFirst Trust Large Cap Core AlphaDEXLarge Cap Blend Equity2-0.34%3.04%4.15%0.18%VGITVanguard Intermediate-Term Gov BondsGovernment Bonds21.62%1.36%1.84%1.74%EWCiShares Canada IndexForeign Large Cap Equ20.57%2.55%2.41%1.04%EMBiShares Emerging Markets BondEmerging Market Bond20.81%3.18%3.06%0.93%	2.95% 0.00%
VGITVanguard Intermediate-Term Gov BondsGovernment Bonds21.62%1.36%1.84%1.74%EWCiShares Canada IndexForeign Large Cap Equ20.57%2.55%2.41%1.04%EMBiShares Emerging Markets BondEmerging Market Bond20.81%3.18%3.06%0.93%	8.37% -8.27%
EWCiShares Canada IndexForeign Large Cap Equ20.57%2.55%2.41%1.04%EMBiShares Emerging Markets BondEmerging Market Bond20.81%3.18%3.06%0.93%	5.64% -2.17%
EMBiShares Emerging Markets BondEmerging Market Bond20.81%3.18%3.06%0.93%	1.56% -0.47%
	4.56% -1.44%
	2.32% -1.98%
VHTVanguard Health CareHealth & Biotech Equiti2-0.77%2.12%8.38%-0.44%	8.27% -3.30%
VISVanguard Industrialsindustrials Equities20.02%3.31%1.81%1.70%	6.07% -1.86%
DIA SPDR Dow Jones Industrial Average Large Cap Value 2 -0.03% 4.03% 4.15% 1.38%	6.51% -1.61%
VWOB Vanguard Emerging Markets Gov Bonds Emerging Markets Bon 2 1.10% 3.32% 3.18% 1.29%	2.64% 0.00%
SCHM Schwab U.S. Mid Cap Mid Cap Blend Equities 2 0.27% 2.72% 3.58% 0.37%	5.25% -1.99%
SCHR Schwab Intermediate-Term U.S. Treasury Government Bonds 2 1.62% 1.86% 1.80%	1.57% -0.46%
SCHH Schwab U.S. REIT Real Estate 2 3.27% 0.00% 0.80% 1.99%	1.77% -2.89%
SCHP Schwab U.S. TIPs Inflation-Protected Bon 2 1.23% 1.52% 2.13% 1.73%	1.95% -0.21%
IHDG WisdomTree International Hedged Dividend Growt Foreign Large Cap Equ 2 -0.30% 3.69% 3.98% 0.94%	7.65% -2.51%
SCHZ Schwab US Aggregate Bond Total Bond Market 2 1.53% 1.42% 2.05% 1.76%	2.02% 0.00%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD 9	% М/А	DD%
IHF	iShares DJ US Healthcare Provid's	Health & Biotech Equiti	1	-1.36%	1.21%	7.68%	-1.87%	10.36%	-4.82%
IJH	S&P MidCap 400	Mid-Cap Blend	1	-0.77%	2.03%	2.70%	-0.92%	4.65%	-2.40%
IWM	Russell 2000	Small Blend	1	-1.12%	1.86%	3.33%	-1.31%	5.02%	-5.25%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equ	1	-0.51%	2.52%	3.01%	0.46%	5.90%	-2.27%
EWI	iShares Italy Index	Europe Stock	1	-1.14%	2.64%	0.82%	0.68%	5.49%	-14.17%
IYC	iShares US Consumer Services	Consumer Discretionar	1	-1.16%	2.52%	3.00%	-0.15%	3.42%	-2.27%
ACWI	iShares MSCI ACWI	Global Equities	1	-0.70%	2.91%	3.03%	0.47%	5.99%	-2.21%
BWX	SPDR Lehman Intl Treasury Bond	World Gov Bond	1	0.10%	0.77%	1.34%	0.03%	0.70%	-2.70%
FLTB	Fidelity Limited Term Bond	Corporate Bonds	1	0.67%	0.49%	0.91%	0.75%	0.87%	0.00%
EWA	iShares Australia Index	Asia Pacific Equities	1	0.40%	1.65%	-0.04%	1.29%	2.13%	-5.31%
IWS	Russell MidCap Value	Mid-Cap Value	1	-0.11%	2.52%	2.89%	-0.31%	4.92%	-2.11%
GVI	iShares Lehman Interm. Govt/Credit	Total Bond Market	1	1.01%	1.03%	1.37%	1.22%	1.33%	-0.04%
FPE	First Trust Preferred Securities and Income	Preferred Stock	1	0.70%	2.01%	1.91%	1.05%	2.89%	-0.15%
DVY	iShares Select Dividend Index	Large Cap Value	1	0.07%	2.18%	1.45%	-0.16%	4.13%	-1.76%
BNDX	Vanguard Total International Bond	Total Bond Market	1	1.48%	-0.57%	-0.42%	1.75%	-0.21%	-2.79%
FXO	1st Trust Financials AlphaDEX	Financial Equities	1	0.06%	1.79%	2.38%	0.27%	4.75%	-1.12%
IEI	iShares Lehman 3-7 Yr. Tresury	Government Bonds	1	1.35%	1.20%	1.67%	1.53%	1.43%	-0.27%
DWX	SPDR S&P International Dividend	Foreign Large Cap Equ	1	0.30%	1.84%	0.30%	0.77%	2.83%	-5.76%
BSV	Vanguard Short Term Bond	Total Bond Market	1	0.61%	0.66%	0.84%	0.69%	0.78%	-0.01%
IWD	Russell 1000 Value	Large Value	1	-0.78%	1.85%	2.30%	-0.29%	5.09%	-1.81%
IDV	iShares International Select Dividend	Foreign Large Cap Equ	1	-1.36%	3.37%	3.11%	0.03%	6.54%	-6.80%
DBEU	Deutsche X-Trackers MSCI Europe Hedged	Europe Equities	1	-1.17%	2.94%	1.50%	0.48%	4.64%	-1.95%
HYG	iShares Lehman Hi-Yield Corp.	High Yield Bond	1	-0.48%	1.24%	1.29%	-0.06%	1.11%	-1.21%
IVE	S&P 500/BARRA Value	Large Value	1	-1.26%	2.14%	2.63%	-0.71%	7.01%	-2.15%
FNDX	Schwab Fundamental U.S. Large Company Index	Large Cap Value Equiti	1	-1.02%	2.53%	2.60%	-0.28%	6.36%	-2.16%
RWO	SPDR DJ Wilshire Global Real Estate	Global Real Estate	1	2.07%	0.13%	0.40%	1.52%	2.02%	-2.14%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	1	-0.01%	2.42%	2.80%	-0.07%	5.43%	-1.93%
PGX	PowerShares Preferred Portfolio	Preferred Stock/Conver	1	-0.26%	2.65%	1.89%	0.60%	1.52%	-2.46%
PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	1	-0.70%	2.79%	2.98%	0.02%	6.23%	-1.91%
VFH	Vanguard Financials	Financials Equities	1	-1.34%	1.92%	2.37%	-0.45%	6.87%	-1.49%
RSX	Market Vectors Russia	Emerging Markets Equi	1	-1.56%	4.47%	0.12%	1.16%	7.09%	-5.08%
PGF	PowerShares Fin. Preferred Portf.	Specialty-Financial	1	0.05%	2.48%	2.10%	0.74%	1.64%	-2.71%
VB	Vanguard SmallCap	Small Cap Blend	1	-0.28%	2.23%	3.80%	-0.29%	5.01%	-2.56%
PJP	Dynamic Pharmaceuticals	Health & Biotech Equiti	1	-1.90%	0.62%	6.79%	-1.81%	5.79%	-14.32%
TOTL	SPDR DoubleLine Total Return Tactical	Total Bond Market	1	0.98%	1.33%	1.58%	1.12%	1.14%	-1.41%
SJNK	SPDR Barclays Short Term High Yield Bond	High Yield Bonds	1	-0.15%	1.31%	0.86%	0.15%	0.01%	-4.16%
SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	1	-1.02%	1.99%	2.97%	-1.12%	4.47%	-4.15%
SHYG	iShares 0-5 Year High Yield Corporate Bond	High Yield Bonds	1	0.02%	1.20%	0.80%	0.24%	0.29%	-3.14%
SCHD	Schwab US Dividend Equity	All Cap Equities	1	-0.22%	1.99%	1.94%	0.16%	5.72%	-2.26%
SCHV	Schwab U.S. Large-Cap Value	Large Cap Value Equiti	1	-1.09%	1.70%	1.89%	-0.47%	4.66%	-2.05%
VCSH	Vanguard Short-Term Corporate Bond	Corporate Bonds	1	0.69%	0.79%	0.94%	0.68%	1.04%	0.00%
VTV	Vanguard Value	Large Cap Value	1	-1.22%	1.59%	2.28%	-0.58%	5.28%	-1.98%
VRP	PowerShares Variable Rate Preferred Portfolio	Preferred Stock	1	0.54%	1.60%	1.44%	1.01%	2.71%	-1.03%
XLY	Consumer Discretionary Sec.*	Consumer Discretionar	1	-1.51%	3.50%	3.06%	-0.26%	3.53%	-2.34%

licker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD 9	%Μ/A	DD%
PEZ	PowerShares High Yield Divi Achievers	All Cap Equities	1	-1.24%	1.86%	4.12%	-1.10%	0.05%	-8.84%
XLF	Financial Select Sector *	Financial Equities	1	-1.54%	2.14%	2.51%	-0.39%	7.51%	-1.54%
JNK	Barclays Cap. High Yield Bond	High Yield Bond	1	-0.39%	1.33%	1.31%	0.01%	-3.90%	-66.27%
MDY	MidCap Trust Series I	Mid-Cap Blend	1	-0.78%	2.02%	2.71%	-0.94%	4.66%	-2.42%
CIU	iShares Lehman Intermed. Credit	Intermediate-Term Bon	0	0.00%	0.00%	0.00%	0.00%	0.00%	-100.00%
BSJI	Guggenheim BulletShares High Yield Corp Bond	High Yield Bonds	0	0.00%	0.00%	0.00%	0.00%	0.00%	-1.34%
HEWG	iShares Currency Hedged MSCI Germany	Europe Equities	0	-1.42%	1.50%	0.34%	1.07%	5.57%	-3.82%
CLY	iShares 10 Year Credit Bond	Corporate Bonds	0	0.00%	0.00%	0.00%	0.00%	0.00%	-100.00%
VYM	Vanguard High Div. Yield Index	Large Cap Value	0	-1.10%	1.62%	1.83%	-0.67%	4.38%	-1.94%
CSJ	iShares Lehman 1-3 Yr Credit Bd	Corporate Bond	0	0.00%	0.00%	0.00%	0.00%	0.00%	-100.00%
HYS	PIMCO 0-5 Year High Yield Corp Bond	High Yield Bonds	0	-0.33%	1.05%	0.58%	-0.05%	0.03%	-2.24%
SHY	iShares Lehman 1-3 Year Treasury	Government Bonds	0	0.40%	0.43%	0.50%	0.46%	0.41%	-0.39%
HEZU	iShares Currency Hedged MSCI Eurozone	Europe Equities	0	-1.55%	2.45%	-1.36%	0.51%	3.25%	-2.03%
UUP	PowerShares DB US Dollar Bullish	Currency	0	1.27%	-1.09%	-1.68%	1.58%	-0.44%	-2.62%
VGK	Vanguard European	Europe Equities	0	-2.39%	2.43%	2.38%	-1.13%	4.74%	-9.15%
CRED	iShares Core U.S. Credit Bond	Bonds	0	0.00%	0.00%	0.00%	0.00%	0.00%	-100.00%
FLOT	iShares Floating Rate Bond	Corporate Bonds	0	0.24%	0.26%	0.26%	0.24%	0.26%	-0.02%
FBT	1st Trust Biotechnolgy Index	Health & Biotech Equiti	0	-3.03%	-3.15%	9.77%	-3.26%	5.20%	-9.68%
EWN	iShares Netherlands Index	Europe Stock	0	-2.57%	2.02%	1.99%	-1.13%	5.15%	-2.57%
IEV	S&P Europe 350 Index	Europe Stock	0	-2.37%	2.26%	2.01%	-1.16%	4.36%	-8.87%
DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreigh Large Cap Equ	0	-1.02%	1.59%	0.39%	0.42%	4.39%	-2.28%
FXB	CurrencyShares British Pound	Currency	0	-0.38%	-0.50%	2.14%	-1.11%	3.07%	-12.75%
VGLTF	Vanguard Long-Term Government Bonds	Government Bonds	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
VGSH	Vanguard Short-Term Government	Government Bonds	0	0.39%	0.39%	0.51%	0.43%	0.39%	-0.60%
VTIP	Vanguard Short-Term Inflation-Protected Securities	Inflation-Protected Bon	0	0.16%	0.16%	0.47%	0.26%	0.22%	-0.66%
FTSM	First Trust Enhanced Short Maturity	Total Bond Market	0	0.22%	0.18%	0.22%	0.23%	0.18%	0.00%
PHB	PowerShares High Yield Corp Bond	High Yield Bonds	0	-0.42%	0.58%	0.74%	-0.26%	0.96%	-0.78%
SCHO	Schwab Short-Term U.S. Treasury	Government Bonds	0	0.44%	0.44%	0.52%	0.42%	0.40%	-0.51%
NOBL	ProShares S&P 500 Dividend Aristocrats	Large Cap Value Equiti	0	-0.75%	1.04%	1.76%	-0.52%	5.27%	-1.74%
VBR	Vanguard SmallCap Value	Small Cap Value	0	-1.37%	1.14%	0.72%	-1.73%	3.25%	-5.55%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	0	-2.12%	1.23%	0.76%	-1.05%	3.82%	-9.19%
FXY	CurrencyShares Japanese Yen Trust	Currency	0	-0.39%	-0.21%	0.20%	-0.31%	-0.77%	-9.85%
IFGL	iShares FTSE EPRA/NAREIT Global Real Estate	Global Real Estate	0	-0.13%	-0.76%	-1.21%	0.10%	0.65%	-4.73%
FXD	First Trust Cons. Discret. AlphaDEX	Consumer Discretionar	0	-2.22%	1.09%	1.58%	-2.14%	3.15%	-3.16%
IJR	S&P Sm.Cap 600	Small Blend	0	-1.75%	1.19%	1.45%	-1.92%	4.27%	-8.71%
PKW	PowerShares Buyback Achievers	All Cap Equities	0	-2.67%	1.76%	1.41%	-1.73%	5.66%	-4.06%
EFZ	ProSharesShort MSCI EAFE	Inverse Equities	0	2.21%	-2.15%	-1.52%	0.99%	-4.97%	-31.19%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equ	0	-1.10%	1.43%	-1.86%	0.56%	2.43%	-2.52%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equ	0	-2.14%	0.84%	0.32%	-0.88%	3.57%	-8.78%
DON	Wisdom Tree MidCap Div.	Mid-Cap Value	0	-0.74%	1.43%	0.35%	-1.31%	3.26%	-62.95%
DFE	Wisdom Tree Europe SmCap Div.	Europe Stock	0	-4.29%	2.34%	4.99%	-3.07%	6.97%	-16.48%
SDY	SPDR Dividend ETF	Large Value	0	-0.75%	0.48%	0.31%	-1.00%	3.66%	-1.83%
IYZ	Down Jones US Telecom	Commun. Equities	0	-0.77%	0.92%	-1.00%	-0.67%	0.66%	-18.80%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	۲TD %	6 M/A	DD%
VEU	Vanguard FTSE All-Word ex-US	Global Equities	-1	-2.94%	1.17%	0.27%	-1.55%	3.38%	-10.27%
INDY	iShares S&P India Nifty 50 Index Fund	Emerging Markets Equi	-1	-2.84%	-0.50%	-0.11%	-1.58%	1.74%	-3.83%
ACWX	iShares MSCI ACWI ex US	Global Equities	-1	-3.00%	0.58%	-0.54%	-1.55%	2.78%	-10.25%
RWM	ProShares Short Russell2000	Inverse Equities	-1	1.16%	-2.40%	-3.66%	1.41%	-5.85%	-40.83%
FEZ	SPDR Euro Stoxx 50	Europe Stock	-1	-3.51%	0.68%	0.10%	-2.02%	3.49%	-9.95%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equ	-1	-3.01%	0.97%	-0.50%	-1.89%	2.43%	-14.55%
EZU	European Monetary Union Index	Europe Stock	-1	-2.95%	1.33%	0.59%	-1.32%	3.59%	-12.57%
EWU	iShares United Kingdom Index	Europe Stock	-1	-2.96%	1.91%	1.07%	-2.39%	2.71%	-12.51%
XBI	SPDR Series Trust SPDR S&P Biotech	Health & Biotech Equiti	-1	-4.53%	-3.10%	10.33%	-4.90%	5.67%	-10.64%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	-1	-1.82%	0.64%	-2.28%	-0.52%	-0.13%	-8.73%
VXUS	Vanguard Total International Stock	Global Equities	-1	-2.86%	1.26%	0.42%	-1.53%	3.43%	-10.58%
DHS	Wisdom Tree High-Yield Equity	Large Cap Value	-1	-1.67%	-0.08%	-0.74%	-1.50%	1.96%	-2.56%
EWK	iShares Belgium Index	Europe Stock	-1	-3.47%	-0.41%	0.83%	-2.50%	2.76%	-15.35%
EWG	iShares Germany Index	Europe Stock	-1	-2.88%	0.48%	-0.31%	-0.89%	3.72%	-18.60%
IXUS	iShares Core MSCI Total International Stock	Global Equties	-1	-2.84%	0.83%	-0.03%	-1.60%	3.21%	-10.44%
EWD	iShares Sweden Index	Europe Stock	-1	-4.11%	1.69%	0.97%	-1.07%	5.28%	-11.34%
INDA	iShares MSCI India	Emerging Markets Equi	-1	-1.88%	0.37%	-0.20%	-0.63%	2.02%	-8.28%
EWQ	iShares France Index	Europe Stock	-1	-3.31%	1.14%	0.63%	-2.18%	3.67%	-5.57%
DBJP	Deutsche X-Trackers MSCI Japan Hedged	Japan Equities	-1	-1.46%	-0.38%	-0.66%	-0.38%	5.83%	-8.77%
VLUE	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	-1	-2.56%	1.49%	0.54%	-1.86%	5.72%	-2.74%
VSS	Vanguard FTSE All-Wld ex-US SmCP ldx	Foreign Small & Mid Ca	-1	-3.17%	0.24%	0.93%	-2.07%	3.18%	-14.61%
EWP	iShares Spain Index	Europe Stock	-1	-2.83%	0.85%	-1.04%	-1.18%	0.42%	-21.44%
IBB	Nasdaq Biotechnology	Health & Biotech Equiti	-1	-3.63%	-2.79%	6.64%	-3.96%	6.28%	-66.10%
HEDJ	WisdomTree Europe Hedged Equity	Europe Equities	-1	-3.22%	0.49%	-1.07%	-1.14%	3.09%	-3.22%
HEWJ	iShares Currency Hedged MSCI Japan	Japan Equities	-1	-1.62%	-1.65%	-1.97%	-0.55%	4.85%	-6.90%
SPHD	PowerShares S&P 500 HiDivLowVol	Large Cap Value	-1	-1.65%	-0.26%	-0.92%	-2.50%	1.14%	-3.38%
IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	-1	-1.98%	0.58%	0.49%	-2.41%	3.75%	-3.41%
SCHF	Schwab International Equity	Foreign Large Cap Equ	-1	-1.92%	0.15%	-0.57%	-0.84%	3.18%	-8.53%
SDOG	ALPS Sector Dividend Dogs	Large Cap Value Equiti	-1	-2.22%	0.68%	-0.09%	-2.29%	3.59%	-7.11%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equ	-1	-2.26%	0.59%	0.30%	-0.98%	3.71%	-9.03%
IYT	Dow Jones Transportation	Transportation Equities	-1	-1.40%	2.18%	-2.37%	-0.55%	2.40%	-6.76%
FXG	1st Trust Consumer Staples	Consumer Staples Equi	-1	-1.86%	-0.94%	1.40%	-2.90%	2.24%	-5.52%
FXE	CurrencyShares Euro Currency Trust	Currency	-1	-1.28%	-0.76%	-0.34%	-1.69%	-1.20%	-13.26%
XRT	SPDR S&P Retail *	Consumer Discretionar	-2	-2.83%	1.42%	-0.74%	-3.88%	3.28%	-15.49%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equ	-2	-3.61%	-1.20%	-2.76%	-2.35%	0.91%	-18.36%
SIL	Global X Silver Miners	Commodity Producers	-2	-6.25%	-0.19%	4.64%	-7.02%	8.96%	-42.38%
RWX	SPDR DJ Wil Intern. RE	Real Estate	-2	0.33%	-3.80%	-4.22%	0.59%	-1.01%	-9.53%
BBH	VanEck Vectors Biotech	Health & Biotech	-2	-3.72%	-3.86%	4.66%	-3.52%	5.07%	-5.90%
IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	-2	-2.07%	-0.67%	-0.80%	-2.48%	2.92%	-3.50%
EWJ	iShares Japan Index	Japan Stock	-2	-1.92%	-2.10%	-2.08%	-0.81%	3.77%	-9.22%
IWN	Russell 2000 Value	Small Value	-2	-3.15%	-0.17%	-0.76%	-3.63%	2.47%	-9.27%
DOG	ProShares Short Dow 30	Bear Market	-2	0.06%	-4.28%	-4.39%	-1.32%	-6.96%	-45.49%
XLB	Materials Select Sector *	Materials	-2	-2.92%	-0.94%	-1.67%	-3.94%	1.42%	-8.05%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	-2	-3.35%	-1.29%	0.09%	-2.46%	3.05%	-13.76%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD %M/A	DD%
HDV	iShares Core High Dividend	Large Cap Value Equiti	-2	-2.75%	-0.49%	-0.97%	-2.36% 0.82%	-2.83%
EWY	iShares S. Korea Index	Pacific Asia/excl. Japan	-2	-4.54%	3.49%	-3.51%	-4.61% 2.30%	-24.91%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	-2	-3.37%	-1.32%	0.43%	-2.25% 3.67%	-12.24%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	-2	-2.62%	-0.98%	-2.27%	-1.53% 2.38%	-12.15%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equi	-3	-5.89%	-0.60%	-2.44%	-3.76% 1.33%	-15.19%
DXJ	Wisdom Tree Japan Hedged Equity	Japan Stock	-3	-2.69%	-3.22%	-3.28%	-1.62% 4.08%	-15.62%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equi	-3	-5.94%	0.19%	-2.48%	-4.00% 1.37%	-17.67%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	-3	-6.12%	0.37%	-2.50%	-4.13% 1.42%	-17.47%
VNQI	Vanguard Global ex-U.S. Real Estate	Global Real Estate	-3	-2.29%	-3.82%	-4.93%	-1.53% -1.62%	-10.82%
МОО	VanEck Vectors Agribusiness	Commodity Producers	-3	-4.33%	0.02%	-2.34%	-3.61% 0.01%	-4.59%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	-3	-6.06%	0.95%	-2.28%	-4.15% 1.89%	-15.72%
MCHI	iShares MSCI China	China Equities	-3	-7.50%	2.08%	-0.29%	-4.42% 3.33%	-20.15%
VWO	Vanguard Emerging Markets	Emerging Markets Equi	-3	-6.06%	0.66%	-1.09%	-3.82% 1.63%	-16.10%
RPV	Guggenheim S&P 500 Pure Value	Large Value	-3	-4.25%	-0.95%	-2.26%	-3.98% 1.74%	-6.43%
FDL	1st Trust Morningstar Div. Lead's	Large Cap Value	-3	-3.95%	-2.12%	-3.36%	-3.47% 0.87%	-3.95%
GUNR	FlexShares Global Upstream Natural Resources	Commodity Producers	-3	-5.38%	0.09%	-1.67%	-4.78% -0.34%	-10.05%
EWZ	iShares Brazil Index	Latin America Stock	-3	-7.44%	1.82%	0.63%	-5.36% 3.17%	-7.44%
IJS	S&P SmallCap 600/BARRA Value	Small Value	-3	-4.21%	-1.65%	-2.61%	-4.56% 2.02%	-11.12%
VAW	Vanguard Materials VIPERS	Materials	-3	-3.35%	-1.47%	-2.16%	-4.33% 1.21%	-11.23%
KRE	SPDR S&P Region.Banking	Specialty-Financial	-4	-5.32%	-1.43%	-2.57%	-5.24% 2.25%	-15.88%
SH	Short S&P 500 ProShares ETF	Inverse Equities	-4	-0.76%	-5.41%	-6.39%	-1.83% -8.91%	-43.34%
DEM	WisdomTree Emerg. Mkts Hi-Yld E.	Emerging Mkts Equities	-4	-7.45%	0.07%	-3.60%	-5.79% -0.94%	-14.30%
DES	Wisdom Tree SmallCap Div.	Small Cap Value	-4	-3.79%	-2.59%	-3.07%	-4.56% 0.38%	-67.89%
EWS	iShares Singapore Index	Pacific Asia/excl. Japan	-4	-4.25%	-2.74%	-5.98%	-3.02% -2.19%	-16.96%
KBE	SPDR S&P Bank	Specialty-Financial	-4	-4.83%	-2.06%	-2.68%	-4.77% 2.25%	-13.04%
DBA	PowerShares DB Agriculture Fd	Agriculture Commoditie	-4	-4.61%	-2.78%	-2.11%	-4.89% -2.03%	-31.45%
EWM	iShares Malaysia Index	Emerging Markets Equi	-4	-5.08%	-0.51%	-5.02%	-3.62% -3.81%	-24.76%
EWH	iShares Hong Kong Index	China Equities	-4	-6.18%	0.43%	-5.92%	-3.79% -4.18%	-13.85%
IYM	Dow Jones US Basic Mat's	Materials	-4	-4.37%	-1.85%	-3.75%	-5.10% -0.12%	-14.18%
KBWB	PowerShares KBW Bank Portfolio	Financials Equities	-4	-6.00%	-2.49%	-2.70%	-5.36% 4.83%	-8.30%
EWT	iShares Taiwan Index	Pacific Asia/excl. Japan	-5	-7.13%	-3.47%	-4.23%	-5.84% 4.57%	-7.46%
GNR	SPDR S&P Global Natural Resources	Commodity Producers	-5	-6.38%	-2.27%	-4.91%	-5.79% -1.83%	-18.17%
FTGC	First Trust Global Tactical Commodity Strategy	Commodities	-5	-6.65%	-3.44%	-4.94%	-6.45% -3.75%	-19.29%
IGE	iShares North American Natural Resources	Commodity Producers	-5	-6.40%	-3.09%	-4.98%	-6.02% -4.27%	-25.76%
ILF	iShares S&P 40 Latin America	Latin America Stock	-5	-7.98%	-1.29%	-4.47%	-5.57% -2.00%	-18.86%
HDGE	Ranger Equity Bear	Inverse Equities	-5	-0.37%	-7.79%	-10.87%	-0.56% -15.22%	-52.54%
TBF	ProShares Short 20+Year Treasury	Inverse Bonds	-6	-5.21%	-4.27%	-6.89%	-6.32% -6.68%	-24.79%
FXI	iShares China 25 Index	China Equities	-6	-9.34%	-0.51%	-5.48%	-6.72% -2.04%	-24.65%
VDE	Vanguard Energy VIPERS	Energy Equities	-7	-9.90%	-3.29%	-7.48%	-9.03% -7.54%	-32.01%
DBC	PowerShares DB Commodity Index	Commodities	-7	-7.95%	-5.59%	-5.59%	-7.89% -5.05%	-20.71%
EPHE	iShares MSCI Philippines	Emerging Markets Equi	-7	-6.07%	-6.15%	-10.21%	-6.24% -6.72%	-20.33%
DJP	Bloomberg Commodity Index	Commodities	-7	-8.08%	-3.93%	-6.53%	-8.00% -4.73%	-18.07%
PSQ	ProShares Short QQQ	Inverse Equities	-7	-2.90%	-9.24%	-10.21%	-4.59% -13.34%	-57.80%
			-	2.0070			1.0070 10.0170	0007.0

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD %M/A	DD%
XLE	Energy Select Sector *	Energy Equities	-8	-8.95%	-5.87%	-9.48%	-7.99% -8.66%	-30.10%
GSG	iShares GSCI Commodity Index	Commodities.	-8	-9.88%	-5.84%	-5.72%	-9.49% -5.28%	-21.58%
ECH	iShares Chile Index	Latin America	-8	-9.59%	-5.28%	-8.35%	-7.53% -16.38%	-45.11%
IYE	Dow Jones US Energy	Specialty-Natural Res.	-8	-9.26%	-6.16%	-9.98%	-8.30% -9.24%	-32.30%
ASHR	Deutsche X-Trackers China A-Shares	China Equities	-8	-11.00%	-3.44%	-7.71%	-9.05% -3.34%	-22.73%
IEO	iShares DJ Oil & Gas Expl.&Prod.	Energy Equities	-8	-11.04%	-1.80%	-7.54%	-10.70% -6.10%	-36.81%
EZA	iShares South Africa Index	Emerging Markets Equi	-8	-6.99%	-6.35%	-11.38%	-6.14% -9.58%	-39.43%
THD	iShares Thailand Capped Invest Mrkt Idx	Emerging Markets Equi	-9	-9.91%	-6.88%	-11.48%	-8.62% -10.69%	-21.52%
FXN	1st Trust Energy AlphaDEX	Energy Equities	-10	-14.20%	-2.27%	-8.02%	-14.37% -11.92%	5 -50.17%
XES	SPDR Oil & Gas Equip./Services	Energy Equities	-11	-17.02%	-3.03%	-5.87%	-17.02% -16.45%	-71.63%
USO	U.S. Oil Fund	Oil & Gas.	-11	-13.51%	-9.11%	-6.73%	-13.44% -7.00%	-31.09%
OIH	Oil Services HOLDRs	Energy Equities	-11	-16.29%	-5.83%	-7.24%	-16.17% -13.61%	-68.22%
XME	SPDR S&P Metals & Mining	Commodity Producers	-11	-12.93%	-10.50%	-7.57%	-13.43% -6.10%	-35.18%
TBT	ProShares UltraShort Lehman 20 Yr Treas	Leveraged Bonds	-11	-10.39%	-8.42%	-13.52%	-12.25% -13.61%	-45.43%
PIN	PowerShares India Portfolio	Emerging Markets Equi	-12	-2.09%	-21.27%	-22.24%	-0.91% -17.79%	-62.70%
XOP	SPDR Oil & Gas Explor & Product	Energy Equities	-13	-17.03%	-4.20%	-13.49%	-17.35% -17.01%	-55.96%
UNG	U.S. Natural Gas Fund	Oil & Gas	-22	-13.11%	-22.73%	-35.10%	-15.28% -27.29%	-83.80%