HV ETF Master List as of 03/17/2022

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD %M/A	DD%
UNG	U.S. Natural Gas Fund	Oil & Gas	32	10.85%	35.39%	43.55%	39.07% 14.02%	-80.33%
XME	SPDR S&P Metals & Mining	Commodity Producers	27	17.19%	31.01%	31.40%	30.19% 29.99%	-2.33%
GSG	iShares GSCI Commodity Index	Commodities.	25	13.81%	21.23%	32.04%	31.50% 28.98%	-12.96%
VDE	Vanguard Energy VIPERS	Energy Equities	23	9.03%	16.69%	33.93%	32.75% 29.17%	-5.41%
XLE	Energy Select Sector *	Energy Equities	23	8.00%	16.07%	34.70%	33.24% 29.84%	-6.29%
IYE	Dow Jones US Energy	Specialty-Natural Res.	22	8.34%	16.29%	31.75%	30.70% 28.12%	-9.42%
IEO	iShares DJ Oil & Gas Expl.&Prod.	Energy Equities	21	7.76%	15.53%	31.81%	29.98% 29.43%	-1.50%
DJP	Bloomberg Commodity Index	Commodities	21	10.81%	18.05%	26.93%	26.45% 23.35%	-9.43%
FXN	1st Trust Energy AlphaDEX	Energy Equities	20	9.39%	16.37%	28.09%	27.01% 25.51%	-16.72%
DBC	PowerShares DB Commodity Index	Commodities	18	10.65%	16.19%	23.67%	22.95% 22.87%	-8.98%
IGE	iShares North American Natural Resources	Commodity Producers	18	7.97%	13.91%	26.45%	24.36% 23.71%	-2.25%
IXC	S&P Global Energy	Energy Equities	17	4.03%	10.18%	26.44%	25.85% 22.51%	-12.11%
FTGC	First Trust Global Tactical Commodity Strategy	Commodities	17	9.07%	15.16%	22.08%	21.55% 14.57%	-10.90%
TBT	ProShares UltraShort Lehman 20 Yr Treas	Leveraged Bonds	16	6.20%	13.22%	23.17%	22.74% 16.29%	-51.41%
GDX	Mkt Vector Gold Miners	Specialty-Precious Met	16	8.40%	16.61%	20.45%	17.70% 15.83%	-15.34%
ECH	iShares Chile Index	Latin America	15	6.81%	10.05%	23.43%	20.92% 6.59%	-50.29%
EWZ	iShares Brazil Index	Latin America Stock	14	2.77%	12.25%	21.87%	20.48% 1.76%	-30.14%
ILF	iShares S&P 40 Latin America	Latin America Stock	13	4.08%	9.90%	18.98%	17.31% 1.99%	-30.33%
AGQ	ProShares Ultra Silver	Leveraged Commoditie	13	11.99%	5.32%	19.66%	15.63% 7.13%	-42.37%
GDXJ	VanEck Vectors Junior Gold Miners	Commodity Producers	12	9.22%	12.19%	14.13%	13.26% 10.79%	-25.85%
EZA	iShares South Africa Index	Emerging Markets Equi	12	3.58%	9.62%	17.31%	17.84% 13.46%	-28.03%
GUNR	FlexShares Global Upstream Natural Resources	Commodity Producers	11	3.25%	8.85%	16.20%	14.97% 15.69%	-1.20%
RING	iShares MCSI Global Gold Miners Fund	Commodity Producers	10	3.01%	10.61%	15.00%	11.72% 11.58%	-18.35%
TBF	ProShares Short 20+Year Treasury	Inverse Bonds	8	3.19%	6.59%	11.68%	11.26% 8.20%	-27.24%
GNR	SPDR S&P Global Natural Resources	Commodity Producers	8	1.30%	5.08%	13.04%	11.51% 11.20%	-0.48%
DBA	PowerShares DB Agriculture Fd	Agriculture Commoditie	7	2.61%	6.71%	8.48%	9.47% 10.88%	-5.84%
PSQ	ProShares Short QQQ	Inverse Equities	7	-0.57%	2.95%	12.52%	12.83% 3.80%	-78.03%
MOO	VanEck Vectors Agribusiness	Commodity Producers	7	5.09%	8.79%	7.22%	5.85% 7.94%	0.00%
SLV	iShares Silver Trust	Precious Metals	7	5.85%	3.14%	10.26%	8.46% 5.29%	-13.59%
ITA	iShares DJ US Aerospace&Defense	Industrials Equities	5	2.81%	4.17%	6.10%	5.62% 2.95%	-54.73%
EFZ	ProSharesShort MSCI EAFE	Inverse Equities	5	2.61%	4.48%	5.65%	6.30% 3.82%	-47.04%
GLD	SPDR Gold Shares	Precious Metals	5	2.05%	5.38%	7.05%	5.81% 6.84%	-6.70%
IAU	iShares Gold Trust	Precious Metals	5	2.08%	5.41%	7.09%	5.86% 6.92%	-6.52%
EWM	iShares Malaysia Index	Emerging Markets Equi	4	0.43%	5.19%	5.97%	2.84% 1.82%	-29.42%
FDL	1st Trust Morningstar Div. Lead's	Large Cap Value	4	2.64%	2.24%	5.14%	4.05% 7.36%	0.00%
IYM	Dow Jones US Basic Mat's	Materials	4	5.51%	5.15%	4.35%	1.78% 6.99%	0.00%
RPV	Guggenheim S&P 500 Pure Value	Large Value	4	1.46%	2.57%	6.40%	4.69% 6.80%	-2.07%
DHS	Wisdom Tree High-Yield Equity	Large Cap Value	4	1.89%	2.84%	5.80%	4.91% 7.11%	-0.14%
HDV	iShares Core High Dividend	Large Cap Value Equiti	4	2.64%	3.56%	5.66%	4.41% 6.57%	-0.53%
IDU	Dow Jones US Utilities	Utilities Equities	3	7.68%	3.14%	1.50%	-1.11% 5.04%	-50.61%
IHF	iShares DJ US Healthcare Provid's	Health & Biotech Equiti	3	5.88%	7.05%	-0.89%	-1.86% 5.45%	-2.33%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD 9	%Μ/A	DD%
SH	Short S&P 500 ProShares ETF	Inverse Equities	3	-1.50%	0.21%	5.46%	6.39%	-0.70%	-65.21%
EWW	iShares Mexico Index	Latin America Stock	3	1.94%	3.69%	3.50%	1.70%	5.22%	-10.69%
DVY	iShares Select Dividend Index	Large Cap Value	3	2.33%	2.48%	4.98%	3.21%	5.72%	-0.93%
EWA	iShares Australia Index	Asia Pacific Equities	3	4.96%	5.18%	1.48%	2.17%	0.55%	-7.34%
EWC	iShares Canada Index	Foreign Large Cap Equ	3	3.72%	2.64%	4.43%	3.12%	4.55%	-0.92%
VPU	Vanguard Utilities VIPERS	Utilities Equities	3	7.54%	3.31%	2.07%	-0.56%	5.59%	-0.56%
XLU	Utilities Select Sector *	Utilities Equities	3	7.66%	3.55%	2.44%	-0.22%	5.90%	-0.54%
FXU	1st Trust Utilities AlphaDEX	Utilities Equities	3	6.52%	2.93%	2.45%	-0.03%	4.72%	-0.03%
SDOG	ALPS Sector Dividend Dogs	Large Cap Value Equiti	2	0.64%	0.60%	4.29%	2.50%	3.58%	-2.36%
UUP	PowerShares DB US Dollar Bullish	Currency	2	2.22%	2.10%	1.90%	2.30%	3.40%	-6.66%
PEY	PowerShares Hi Yields Div. Achiev's	Mid-Cap Value	2	1.23%	0.05%	3.62%	1.95%	3.90%	-2.67%
THD	iShares Thailand Capped Invest Mrkt ldx	Emerging Markets Equi	2	-3.40%	2.32%	4.93%	3.22%	2.84%	-22.75%
RWM	ProShares Short Russell2000	Inverse Equities	2	-2.67%	-3.60%	6.16%	6.47%	2.96%	-64.79%
VTIP	Vanguard Short-Term Inflation-Protected Securities	Inflation-Protected Bon	2	1.84%	1.92%	1.45%	1.01%	-0.06%	-1.67%
SPHD	PowerShares S&P 500 HiDivLowVol	Large Cap Value	2	2.07%	1.21%	3.19%	1.37%	3.94%	-1.27%
SCHP	Schwab U.S. TIPs	Inflation-Protected Bon	1	2.67%	1.61%	-0.66%	-1.42%	-0.88%	-2.96%
PJP	Dynamic Pharmaceuticals	Health & Biotech Equiti	1	4.45%	4.18%	-2.46%	-2.11%	0.33%	-4.51%
KIE	SPDR S&P Insurance	Specialty-Financial	1	1.27%	2.24%	1.83%	0.64%	2.96%	-56.70%
IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	1	1.38%	2.21%	0.41%	-1.38%	2.02%	-36.92%
DON	Wisdom Tree MidCap Div.	Mid-Cap Value	1	1.73%	2.25%	0.98%	-0.56%	2.66%	-56.53%
IJS	S&P SmallCap 600/BARRA Value	Small Value	1	1.82%	3.15%	-0.27%	-1.03%	0.74%	-40.31%
VYM	Vanguard High Div. Yield Index	Large Cap Value	1	1.40%	0.84%	1.40%	-0.09%	3.50%	-2.61%
DOG	ProShares Short Dow 30	Bear Market	1	-1.26%	-0.51%	2.78%	3.92%	-0.66%	-63.20%
VTV	Vanguard Value	Large Cap Value	1	2.05%	1.28%	0.75%	-0.03%	3.56%	-2.18%
IHE	iShares DJ US Pharmaceuticals	Health & Biotech Equiti	1	4.90%	3.99%	-1.64%	-1.84%	3.05%	-2.17%
VBR	Vanguard SmallCap Value	Small Cap Value	1	1.78%	2.80%	-0.90%	-1.59%	1.11%	-5.23%
XLV	Health Care Select SPDR *	Health & Biotech Equiti	1	5.98%	4.10%	-2.26%	-3.36%	3.22%	-3.77%
IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	1	1.35%	2.06%	0.28%	-1.46%	1.18%	-4.99%
XPH	SPDR Pharmaceuticals	Health & Biotech Equiti	1	3.42%	5.42%	-3.67%	-2.30%	-4.95%	-19.50%
FXG	1st Trust Consumer Staples	Consumer Staples Equi	1	-0.61%	0.27%	3.32%	0.63%	5.62%	-2.50%
KRE	SPDR S&P Region.Banking	Specialty-Financial	0	-1.88%	-1.38%	2.90%	1.67%	4.03%	-8.57%
SDY	SPDR Dividend ETF	Large Value	0	1.98%	0.39%	0.27%	-1.83%	2.13%	-3.05%
DES	Wisdom Tree SmallCap Div.	Small Cap Value	0	1.71%	1.96%	-0.80%	-2.04%	0.95%	-62.32%
IYH	Dow Jones US Healthcare	Specialty-Health	0	5.60%	3.67%	-3.99%	-4.76%	1.11%	-5.23%
IYT	Dow Jones Transportation	Transportation Equities	0	2.75%	3.41%	-1.47%	-2.72%	3.21%	-3.93%
IXJ	S&P Global Healthcare	Health & Biotech Equiti	0	4.80%	2.85%	-3.21%	-4.28%	0.95%	-29.73%
JXI	iShares S&P Global Utilities	Utilities Equities	0	3.82%	0.43%	-0.24%	-2.23%	2.19%	-2.23%
IWN	Russell 2000 Value	Small Value	0	2.67%	3.16%	-1.88%	-2.62%	-0.46%	-8.58%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	0	0.23%	0.65%	0.00%	0.29%	-3.05%	-11.25%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	0	1.30%	1.28%	-0.34%	-1.78%	1.95%	-3.24%
FNDX	Schwab Fundamental U.S. Large Company Index	Large Cap Value Equiti	0	0.94%	0.63%	-0.02%	-1.26%	2.67%	-3.39%
REZ	iShares Residential Real Estate Capped	Specialty-Real Estate	0	4.76%	1.74%	-1.50%	-4.69%	3.45%	-4.69%
TIP	iShares TIPS Bond Fd	Inflation-Protected Bon	0	2.73%	1.53%	-0.87%	-1.62%	-0.74%	-2.87%
PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	0	1.27%	0.77%	0.09%	-1.25%	2.57%	-3.38%

BSJI	ETFS Physical Platinum Shares Guggenheim BulletShares High Yield Corp Bond	Precious Metals							
	Cuagaphaim BulletSharea High Viold Corn Bond		0	-6.48%	-2.06%	4.71%	5.65%	-0.15%	-20.47%
VHT	Guggerinein builetonales right held Colp bond	High Yield Bonds	0	0.00%	0.00%	0.00%	0.00%	0.00%	-100.00%
	Vanguard Health Care	Health & Biotech Equiti	0	5.44%	3.70%	-4.46%	-5.04%	0.16%	-5.42%
XLF I	Financial Select Sector *	Financial Equities	0	-0.82%	-0.23%	0.23%	-0.36%	1.20%	-6.06%
FTSM I	First Trust Enhanced Short Maturity	Total Bond Market	0	-0.34%	-0.49%	-0.50%	-0.50%	-0.60%	-1.20%
IDV i	iShares International Select Dividend	Foreign Large Cap Equ	0	-3.35%	-2.58%	2.26%	1.73%	0.01%	-11.59%
IVE S	S&P 500/BARRA Value	Large Value	0	1.20%	0.19%	-0.18%	-1.60%	1.97%	-3.10%
XLI I	Industrial Select Sector *	Industrial Equities	0	3.32%	0.30%	-1.41%	-3.18%	-0.22%	-4.36%
FLOT i	iShares Floating Rate Bond	Corporate Bonds	0	-0.41%	-0.37%	-0.32%	-0.47%	-0.49%	-1.17%
IWD I	Russell 1000 Value	Large Value	0	1.61%	0.49%	-0.49%	-1.85%	1.54%	-3.34%
VAW	Vanguard Materials VIPERS	Materials	0	2.46%	0.97%	-1.41%	-3.93%	2.27%	-4.11%
RSP (Guggenheim S&P Equal Weight	Large Blend	-1	1.32%	0.52%	-2.53%	-4.04%	0.58%	-4.89%
FXO	1st Trust Financials AlphaDEX	Financial Equities	-1	-1.38%	-0.63%	-0.65%	-1.43%	0.23%	-6.15%
HDGE I	Ranger Equity Bear	Inverse Equities	-1	-1.11%	-3.19%	0.12%	0.93%	0.20%	-77.84%
IJH S	S&P MidCap 400	Mid-Cap Blend	-1	1.74%	2.03%	-3.68%	-5.25%	-1.04%	-7.68%
DXJ	Wisdom Tree Japan Hedged Equity	Japan Stock	-1	-1.14%	-0.03%	-1.79%	-0.19%	0.33%	-4.25%
MDY I	MidCap Trust Series I	Mid-Cap Blend	-1	1.69%	1.99%	-3.70%	-5.31%	-1.01%	-7.69%
IWS	Russell MidCap Value	Mid-Cap Value	-1	1.51%	1.16%	-1.62%	-3.45%	0.69%	-4.39%
KBE S	SPDR S&P Bank	Specialty-Financial	-1	-3.29%	-2.81%	1.09%	0.18%	1.51%	-9.52%
IYF I	Dow Jones US Financial Sector	Specialty-Financial	-1	-0.77%	-0.79%	-0.97%	-1.43%	0.39%	-40.42%
IJR S	S&P Sm.Cap 600	Small Blend	-1	2.15%	2.59%	-3.78%	-4.77%	-1.61%	-9.37%
SIL	Global X Silver Miners	Commodity Producers	-1	-0.08%	-1.02%	-1.37%	0.08%	-3.71%	-31.50%
VIS	Vanguard Industrials	industrials Equities	-1	3.40%	0.66%	-2.72%	-4.21%	-0.87%	-6.31%
SCHD S	Schwab US Dividend Equity	All Cap Equities	-1	1.71%	-0.15%	-1.27%	-2.77%	1.56%	-4.09%
VFH	Vanguard Financials	Financials Equities	-1	-1.47%	-0.96%	-1.39%	-1.87%	-0.10%	-6.87%
TUR i	iShares Turkey Investment Index	Emerging Markets Equi	-1	-1.84%	-3.86%	-5.79%	5.97%	-5.65%	-58.21%
SCHV S	Schwab U.S. Large-Cap Value	Large Cap Value Equiti	-1	1.17%	0.01%	-1.55%	-3.03%	0.99%	-4.30%
RWR	Wilshire REIT Fund	Real Estate	-1	3.31%	0.74%	-3.31%	-6.32%	1.83%	-6.32%
SPLV I	PowerShares S&P 500 Low Volat.	Large Cap Blend	-1	3.00%	-0.20%	-2.76%	-5.06%	1.93%	-5.06%
SHYG i	iShares 0-5 Year High Yield Corporate Bond	High Yield Bonds	-2	-0.50%	-2.47%	-3.29%	-3.27%	-3.18%	-8.77%
IFGL i	iShares FTSE EPRA/NAREIT Global Real Estate	Global Real Estate	-2	-0.73%	-0.62%	-2.47%	-4.53%	-5.26%	-14.19%
SHY i	iShares Lehman 1-3 Year Treasury	Government Bonds	-2	-0.70%	-1.40%	-1.95%	-1.95%	-2.11%	-3.38%
NOBL I	ProShares S&P 500 Dividend Aristocrats	Large Cap Value Equiti	-2	1.93%	-1.18%	-2.70%	-4.84%	0.13%	-5.34%
XLB I	Materials Select Sector *	Materials	-2	1.88%	-0.65%	-3.09%	-5.55%	1.09%	-5.55%
VDC	Vanguard Consumer Staples	Consumer Staples Equi	-2	-2.11%	-2.12%	-1.63%	-4.00%	1.60%	-4.50%
BKLN I	PowerShares Exchange-Traded Fund Trust	High Yield Bonds	-2	-0.92%	-2.22%	-1.95%	-2.17%	-1.94%	-7.69%
HYS I	PIMCO 0-5 Year High Yield Corp Bond	High Yield Bonds	-2	-0.37%	-2.07%	-3.36%	-3.32%	-2.72%	-5.99%
BSV	Vanguard Short Term Bond	Total Bond Market	-2	-1.08%	-2.03%	-2.90%	-2.91%	-3.39%	-5.79%
FXH	1st Trust Health Care AlphaDEX	Health & Biotech Equiti	-2	4.16%	3.47%	-7.83%	-8.19%	-3.72%	-11.02%
SCHO S	Schwab Short-Term U.S. Treasury	Government Bonds	-2	-0.72%	-1.46%	-2.03%	-2.01%	-2.15%	-3.67%
DGRO i	iShares Core Dividend Growth	Large Cap Value Equiti	-2	1.06%	-0.54%	-2.85%	-4.28%	1.03%	-5.10%
RWO S	SPDR DJ Wilshire Global Real Estate	Global Real Estate	-2	1.81%	0.51%	-3.55%	-6.23%	-0.93%	-6.26%
VGSH	Vanguard Short-Term Government	Government Bonds	-2	-0.72%	-1.42%	-1.99%	-1.99%	-2.32%	-4.36%
VB	Vanguard SmallCap	Small Cap Blend	-2	1.46%	1.63%	-6.16%	-6.51%	-4.24%	-11.73%

RWX S ACWV i RHS C	iShares Edge MSCI Min Vol USA SPDR DJ Wil Intern. RE	All Cap Equities	0	0.1.000					
ACWV i	SPDR DJ Wil Intern. RE		-2	3.44%	0.16%	-4.49%	-5.95%	-0.26%	-6.11%
RHS (Real Estate	-2	-0.41%	0.51%	-3.07%	-5.03%	-6.12%	-21.57%
	iShares Edge MSCI Min Vol Global	Global Equities	-2	1.51%	-0.39%	-3.26%	-4.48%	-1.22%	-4.48%
EWU i	Guggenheim S&P 500 = Wt. Consum Staples	Consumer Staples	-2	-2.31%	-3.15%	-0.65%	-3.16%	1.32%	-5.39%
	iShares United Kingdom Index	Europe Stock	-2	-3.56%	-3.33%	0.55%	-0.18%	-0.07%	-12.67%
DWX S	SPDR S&P International Dividend	Foreign Large Cap Equ	-2	-1.87%	-2.05%	-0.62%	-1.47%	-2.08%	-10.72%
FEX F	First Trust Large Cap Core AlphaDEX	Large Cap Blend Equity	-2	1.09%	0.17%	-4.51%	-5.76%	-1.36%	-6.46%
INDA i	iShares MSCI India	Emerging Markets Equi	-2	-0.38%	-4.80%	-1.49%	-3.08%	-4.69%	-12.50%
IYK [Dow Jones US Cons. Goods	Consumer Staples Equi	-2	-2.75%	-2.81%	0.41%	-1.89%	3.40%	-4.05%
XMLV F	PowerShares S&P MidCap Low Volatility Portfolio	Mid Cap Blend Equities	-2	2.15%	-1.03%	-3.96%	-6.35%	-0.33%	-6.47%
VNQI \	Vanguard Global ex-U.S. Real Estate	Global Real Estate	-2	-1.63%	-1.65%	-2.28%	-4.08%	-7.95%	-20.56%
FV F	First Trust VL Dividend	Large Cap Value Equiti	-2	-0.19%	-0.30%	-3.45%	-4.51%	-1.79%	-8.87%
PKW F	PowerShares Buyback Achievers	All Cap Equities	-2	0.97%	-0.24%	-3.95%	-4.86%	-1.07%	-6.42%
INDY i	iShares S&P India Nifty 50 Index Fund	Emerging Markets Equi	-2	-0.45%	-4.39%	-0.58%	-2.35%	-5.46%	-13.93%
PIN F	PowerShares India Portfolio	Emerging Markets Equi	-2	0.51%	-4.23%	-1.53%	-3.51%	-4.90%	-51.11%
FXE (CurrencyShares Euro Currency Trust	Currency	-2	-2.34%	-1.97%	-2.31%	-2.65%	-4.16%	-14.53%
VNQ \	Vanguard REIT Index	Real Estate	-2	3.67%	0.86%	-5.97%	-8.28%	-0.41%	-8.28%
DIA S	SPDR Dow Jones Industrial Average	Large Cap Value	-2	0.52%	-0.54%	-3.87%	-4.92%	-1.35%	-6.09%
IHI i	iShares DJ US Medical Devices	Health & Biotech Equiti	-3	4.18%	-0.12%	-8.79%	-9.23%	-40.98%	-83.91%
HEWJ i	iShares Currency Hedged MSCI Japan	Japan Equities	-3	-0.35%	-1.75%	-5.35%	-5.32%	-3.90%	-10.09%
IJT S	S&P SmallCap 600/BARRA Growth	Small Growth	-3	2.40%	1.96%	-7.31%	-8.62%	-3.62%	-39.33%
XLP (Consumer Staples Select *	Consumer Staples	-3	-2.46%	-2.48%	-1.63%	-4.01%	1.67%	-4.64%
SPY S	SPDR S&P 500	Large Cap Blend	-3	0.92%	-1.27%	-6.27%	-7.14%	-1.33%	-7.67%
IVV S	S&P 500	Large Blend	-3	0.88%	-1.28%	-6.28%	-7.13%	-1.34%	-7.69%
IJK S	S&P MidCap 400/BARRA Growth	Mid-Cap Growth	-3	1.88%	1.81%	-7.65%	-9.09%	-4.21%	-69.84%
DBJP [Deutsche X-Trackers MSCI Japan Hedged	Japan Equities	-3	-0.44%	-1.69%	-5.34%	-5.40%	-3.10%	-8.91%
IEI i	iShares Lehman 3-7 Yr. Tresury	Government Bonds	-3	-1.47%	-2.54%	-4.05%	-3.96%	-4.31%	-7.85%
ICF (Cohen & Steers Realty	Real Estate	-3	4.76%	-0.01%	-5.86%	-9.21%	-0.08%	-45.17%
VCSH \	Vanguard Short-Term Corporate Bond	Corporate Bonds	-3	-1.40%	-2.55%	-3.51%	-3.53%	-3.92%	-5.84%
SPHQ F	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	-3	-0.38%	-1.25%	-5.42%	-6.45%	-1.55%	-7.33%
VGIT \	Vanguard Intermediate-Term Gov Bonds	Government Bonds	-3	-1.59%	-2.68%	-4.40%	-4.30%	-4.99%	-10.22%
FXY (CurrencyShares Japanese Yen Trust	Currency	-3	-3.21%	-3.85%	-3.68%	-3.07%	-5.34%	-18.31%
VIG \	Vanguard Div. Appreciation	Large Cap Value Equiti	-3	1.22%	-0.48%	-4.83%	-6.45%	-0.51%	-6.70%
VLUE i	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	-3	-0.67%	-3.36%	-2.94%	-4.07%	-0.20%	-8.61%
FXB (CurrencyShares British Pound	Currency	-3	-3.50%	-3.27%	-2.07%	-2.79%	-3.45%	-13.06%
V00 \	Vanguard S&P 500	Large Cap Blend Equiti	-3	0.88%	-1.30%	-6.29%	-7.14%	-1.40%	-7.70%
FLTB F	Fidelity Limited Term Bond	Corporate Bonds	-3	-1.44%	-2.51%	-3.45%	-3.40%	-3.56%	-5.39%
EWP i	iShares Spain Index	Europe Stock	-3	-3.44%	-3.81%	-1.35%	-2.89%	-5.81%	-29.61%
EFV M	MSCI EAFE iShares Value Index	Foreign Large Cap Equ	-3	-5.08%	-4.66%	-1.19%	-1.35%	-3.20%	-16.55%
GVI i	iShares Lehman Interm. Govt/Credit	Total Bond Market	-3	-1.48%	-2.68%	-4.03%	-3.85%	-4.24%	-7.59%
IWM F	Russell 2000	Small Blend	-3	1.94%	2.17%	-7.62%	-7.80%	-6.14%	-15.44%
BNDX \	Vanguard Total International Bond	Total Bond Market	-3	-1.25%	-3.48%	-4.71%	-4.37%	-6.42%	-10.93%
PXF F	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equ	-3	-4.52%	-4.44%	-2.10%	-2.70%	-3.28%	-8.50%
KBWB F	PowerShares KBW Bank Portfolio	Financials Equities	-3	-5.35%	-4.46%	-0.30%	-1.09%	-1.12%	-11.42%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD %	6 M/A	DD%
SCHR	Schwab Intermediate-Term U.S. Treasury	Government Bonds	-3	-1.56%	-2.65%	-4.41%	-4.31%	-4.55%	-8.89%
IWR	Russell MidCap Index Fs	Mid-Cap Blend	-3	0.79%	0.08%	-6.57%	-7.72%	-4.03%	-65.82%
SCHM	Schwab U.S. Mid Cap	Mid Cap Blend Equities	-3	0.20%	0.58%	-5.83%	-6.85%	-3.96%	-10.16%
SJNK	SPDR Barclays Short Term High Yield Bond	High Yield Bonds	-3	-0.95%	-3.00%	-3.68%	-3.68%	-3.59%	-7.07%
IYR	Dow Jones US Real Estate	Real Estate	-3	3.52%	0.01%	-6.03%	-9.05%	-1.28%	-9.05%
BIV	Vanguard Intermed. Term Bond	Intermediate-Term Bon	-4	-1.92%	-3.53%	-5.78%	-5.67%	-6.56%	-12.42%
SCHZ	Schwab US Aggregate Bond	Total Bond Market	-4	-1.68%	-3.60%	-5.60%	-5.58%	-5.57%	-10.59%
IEF	iShares Lehman 7-10 Yr Treasury	Government Bonds	-4	-1.90%	-3.11%	-5.70%	-5.43%	-5.33%	-11.63%
JNK	Barclays Cap. High Yield Bond	High Yield Bond	-4	-0.88%	-4.02%	-5.93%	-5.75%	-5.14%	-68.50%
HYG	iShares Lehman Hi-Yield Corp.	High Yield Bond	-4	-0.62%	-3.71%	-5.62%	-5.46%	-4.80%	-7.54%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equ	-4	-1.38%	-3.34%	-4.66%	-4.92%	-3.17%	-7.54%
BND	Vanguard Total Bond Market	Intermediate-Term Bon	-4	-1.77%	-3.77%	-5.75%	-5.66%	-5.77%	-10.65%
MUB	iShares S&P National Muni Bond	National Munis	-4	-1.55%	-3.43%	-4.73%	-4.60%	-4.27%	-5.94%
PHB	PowerShares High Yield Corp Bond	High Yield Bonds	-4	-0.70%	-3.46%	-5.20%	-5.15%	-4.53%	-6.35%
VO	Vanguard Mid-Cap	Mid-Cap Blend	-4	0.59%	-0.15%	-7.76%	-8.51%	-3.87%	-10.76%
AGG	iShares Lehman Aggregate Bond	Intermediate-Term Bon	-4	-1.62%	-3.52%	-5.55%	-5.45%	-5.41%	-9.84%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	-4	-2.17%	-3.46%	-5.97%	-5.70%	-7.61%	-14.13%
EWK	iShares Belgium Index	Europe Stock	-4	-2.38%	-4.73%	-4.96%	-5.81%	-5.90%	-13.31%
VV	Vanguard LargeCap	Large Cap Blend	-4	0.56%	-1.61%	-7.58%	-8.19%	-2.66%	-8.50%
VTI	Total Stock Market VIPERs	All Cap Equities	-4	0.65%	-1.24%	-7.52%	-7.81%	-2.98%	-8.39%
GSLC	Goldman Sachs ActiveBeta U.S. Large CaP	Large Cap Blend Equiti	-4	0.80%	-1.60%	-7.66%	-8.32%	-2.53%	-8.78%
GOVT	iShares Core U.S. Treasury Bond	Government Bonds	-4	-1.76%	-3.24%	-5.71%	-5.88%	-4.94%	-11.27%
DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreigh Large Cap Equ	-4	-1.61%	-3.52%	-4.86%	-5.19%	-2.61%	-6.79%
TOTL	SPDR DoubleLine Total Return Tactical	Total Bond Market	-4	-1.96%	-3.60%	-5.12%	-4.90%	-5.48%	-10.59%
IYG	Dow Jones US Financial Serv's	Specialty-Financial	-4	-4.30%	-3.54%	-4.72%	-4.74%	-3.76%	-9.65%
EPHE	iShares MSCI Philippines	Emerging Markets Equi	-4	-6.36%	-1.76%	-4.99%	-3.19%	-1.52%	-24.16%
IWV	Russell 3000 Index	All Cap Equities	-4	0.69%	-1.22%	-7.04%	-7.68%	-2.77%	-8.21%
IYJ	Dow Jones US Industrial	Industrial Equities	-4	0.88%	-2.66%	-6.05%	-7.32%	-4.94%	-45.85%
IWB	Russell 1000 Index	Large Blend	-4	0.75%	-1.35%	-6.90%	-7.60%	-2.45%	-8.18%
IHDG	WisdomTree International Hedged Dividend Growt	Foreign Large Cap Equ	-4	0.90%	-3.02%	-6.27%	-6.60%	-3.54%	-7.99%
ITOT	iShares Core S&P Total U.S. Stock Market	All Cap Equities	-4	0.66%	-1.24%	-7.13%	-7.75%	-2.91%	-8.31%
FPE	First Trust Preferred Securities and Income	Preferred Stock	-5	-1.96%	-5.66%	-6.17%	-6.50%	-6.30%	-8.43%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	-5	-1.44%	-4.38%	-6.54%	-7.77%	-8.07%	-14.36%
EWL	iShares Switzerland Index	Europe Stock	-5	-0.31%	-4.29%	-7.50%	-8.59%	-2.76%	-9.09%
PZA	Pshares Insured National Munis	National Munis	-5	-2.39%	-5.28%	-6.43%	-6.64%	-5.90%	-8.03%
FBT	1st Trust Biotechnolgy Index	Health & Biotech Equiti	-5	0.35%	0.65%	-11.73%	-9.57%	-9.50%	-20.76%
EWT	iShares Taiwan Index	Pacific Asia/excl. Japan	-5	-3.95%	-5.04%	-4.61%	-5.87%	-2.16%	-7.48%
EWS	iShares Singapore Index	Pacific Asia/excl. Japan	-5	-7.02%	-4.94%	-3.23%	-4.63%	-9.53%	-27.63%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	-5	1.22%	-2.01%	-9.13%	-10.18%	-4.70%	-10.64%
BWX	SPDR Lehman Intl Treasury Bond	World Gov Bond	-5	-3.51%	-5.17%	-6.48%	-6.58%	-7.58%	-16.03%
MTUM	iShares Edge MSCI USA Momentum Factores	All Cap Equities	-5	1.30%	-0.79%	-10.24%	-10.54%	-7.41%	-16.05%
FXD	First Trust Cons. Discret. AlphaDEX	Consumer Discretionar	-5	-1.86%	-0.52%	-7.86%	-9.70%	-6.91%	-14.56%
VRP	PowerShares Variable Rate Preferred Portfolio	Preferred Stock	-5	-1.46%	-5.25%	-5.47%	-6.06%	-5.99%	-8.01%
SCHF	Schwab International Equity	Foreign Large Cap Equ	-5	-2.88%	-4.78%	-6.05%	-6.17%	-6.31%	-10.70%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk 1	2 wk	YTD %M/A	DD%
BOND	PIMCO Total Return Active Exchange-Traded	Total Bond Market	-5	-2.65%	-4.67%	-6.79%	-6.50% -6.56%	-9.61%
ACWI	iShares MSCI ACWI	Global Equities	-5	-1.45%	-3.35%	-6.90%	-7.50% -4.41%	-8.75%
VCIT	Vanguard Intermediate-Term Corporate Bond	Corporate Bonds	-5	-2.17%	-4.32%	-6.70%	-6.63% -7.10%	-10.87%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	-5	-2.65%	-4.65%	-5.90%	-6.35% -6.09%	-10.50%
DBEU	Deutsche X-Trackers MSCI Europe Hedged	Europe Equities	-5	-2.00%	-4.73%	-5.39%	-5.88% -2.30%	-7.41%
EWH	iShares Hong Kong Index	China Equities	-5	-7.80%	-7.08%	-2.29%	-2.67% -8.32%	-19.68%
VT	Vanguard Total World Stock Index	Global Equities	-5	-1.36%	-3.15%	-6.69%	-7.27% -4.48%	-8.80%
DEM	WisdomTree Emerg. Mkts Hi-Yld E.	Emerging Mkts Equities	-5	-8.94%	-5.99%	-2.60%	-1.48% -4.00%	-15.12%
CWB	SPDR Barclays Convertible Securities	Convertible Bonds	-6	-1.62%	-3.29% -1	10.10%	-9.76% -10.32%	-18.81%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equ	-6	-3.38%	-5.52%	-7.02%	-7.44% -7.08%	-11.65%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equi	-6	-5.71%	-5.77%	-5.08%	-5.80% -4.63%	-10.59%
IYZ	Down Jones US Telecom	Commun. Equities	-6	-0.86%	-4.45%	-9.14%	-9.36% -7.87%	-18.36%
VXUS	Vanguard Total International Stock	Global Equities	-6	-4.21%	-5.84%	-6.20%	-6.69% -7.11%	-12.12%
IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	-6	0.67%	-2.44% -1	11.47%	-11.89% -4.53%	-13.03%
VXF	Vanguard Extended Markets VIPERs	Mid Cap Blend	-6	-0.29%	-0.64% -1	11.56%	-11.10% -10.25%	-18.72%
IEV	S&P Europe 350 Index	Europe Stock	-6	-4.14%	-6.60%	-7.21%	-7.96% -6.18%	-10.22%
ACWX	iShares MSCI ACWI ex US	Global Equities	-6	-4.50%	-6.04%	-6.58%	-6.80% -7.18%	-12.38%
VSS	Vanguard FTSE All-Wld ex-US SmCP ldx	Foreign Small & Mid Ca	-6	-2.37%	-5.02%	-6.83%	-8.19% -7.97%	-13.40%
XRT	SPDR S&P Retail *	Consumer Discretionar	-6	0.05%	0.04% -	11.50%	-12.98% -13.23%	-24.57%
VBK	Vanguard SmallCap Growth	Small Cap Growth	-6	0.94%	0.01% -1	13.32%	-13.46% -11.50%	-20.25%
BAB	PowerShares Build America Bond Portfolio	National Munis	-6	-3.17%	-5.79%	-8.08%	-8.13% -7.74%	-12.59%
PFF	iShares S&P Preferred Stock	Preferred Stock/Conver	-6	0.00%	-5.79%	-7.82%	-8.83% -6.63%	-10.75%
PEZ	PowerShares Consumer Cyclicals	All Cap Equities	-6	0.45%	0.15% -	12.43%	-13.96% -11.01%	-23.15%
IXUS	iShares Core MSCI Total International Stock	Global Equties	-6	-4.15%	-5.84%	-6.35%	-6.84% -7.31%	-12.50%
HEDJ	WisdomTree Europe Hedged Equity	Europe Equities	-6	-2.47%	-5.98%	-6.92%	-7.07% -4.24%	-9.37%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equ	-6	-3.39%	-5.60%	-6.94%	-7.14% -6.77%	-11.04%
IWO	Russell 2000 Growth	Small Growth	-6	1.00%	1.06% -1	13.45%	-13.05% -11.82%	-24.31%
LQD	iShares iBoxx \$ Liquid Invest. Gr.	Corporate Bonds	-6	-1.47%	-5.07%	-8.39%	-8.26% -7.84%	-12.63%
VEU	Vanguard FTSE All-Word ex-US	Global Equities	-6	-4.60%	-6.17%	-6.24%	-6.63% -7.11%	-12.35%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	-7	0.84%	-1.75% -1	13.96%	-14.66% -7.92%	-18.57%
EWJ	iShares Japan Index	Japan Stock	-7	-3.53%	-5.50%	-8.78%	-8.18% -8.87%	-17.05%
IVW	S&P 500/BARRA Growth	Large Growth	-7	0.51%	-2.80% -1	11.83%	-12.12% -4.61%	-13.30%
VGK	Vanguard European	Europe Equities	-7	-4.32%	-7.04%	-7.91%	-8.73% -7.20%	-11.78%
VCR	Vanguard Consumer Discretionary	Consumer Discretionar	-7	-1.59%	-3.06% -1	12.06%	-12.72% -6.93%	-16.40%
VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	-7	0.50%	-2.85% -1	11.82%	-12.14% -4.68%	-13.35%
PGX	PowerShares Preferred Portfolio	Preferred Stock/Conver	-7	-0.81%	-8.04%	-9.09%	-10.00% -8.80%	-12.73%
XLK	Technology Select *	Technology Equities	-7	-1.32%	-3.49% -1	12.13%	-12.60% -3.84%	-13.98%
PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	-7	1.15%	-1.01% -1	14.80%	-15.25% -10.83%	-20.64%
TLH	iShares Lehman 10-20 Yr Treasury	Government Bonds	-7	-3.16%	-5.43%	-9.18%	-8.92% -8.22%	-21.56%
EWY	iShares S. Korea Index	Pacific Asia/excl. Japan	-7	-2.69%	-5.75%	-9.70%	-8.66% -12.07%	-26.08%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	-7	-3.01%	-5.50%	-8.28%	-9.28% -9.52%	-16.15%
SPYG	S&P 500 Growth	Large Cap Growth	-7	0.50%	-2.81% -1	11.81%	-12.12% -4.64%	-13.32%
URE	ProShares Ultra Real Estate	Leveraged Real Estate	-7	6.29%	-1.33% -1	13.07%	-18.64% -3.18%	-18.64%
IWF	Russell 1000 Growth	Large Growth	-7	-0.34%	-3.31% -1	12.77%	-12.95% -6.29%	-14.05%

EMBiShares Emerging Markets BondEmerging Market Bond-8-4.87%-6.74%-9.72%-10.19%BLVVanguard Long Term BondLong-Term Bond-8-2.64%-6.95%-11.37%-10.97%-VWOVanguard Emerging MarketsEmerging Markets Equi-8-8.59%-9.26%-6.91%-7.44%BBHVanEck Vectors BiotechHealth & Biotech-82.26%-3.15%-16.61%-16.13%-VWOBVanguard Emerging Markets Gov BondsEmerging Markets Bon-8-4.68%-6.67%-9.47%-9.88%XLYConsumer Discretionary Sec.*Consumer Discretionar-8-1.65%-4.16%-12.33%-12.87%IEMGiShares Core MSCI Emerging MarketsEmerging Markets Equi-8-9.37%-7.61%-8.09%-QQQPowerShares QQQ Trust, Series 1Large Growth-8-9.19%-9.52%-6.75%-7.26%-GFFPowerShares Fin. Preferred Portf.Specialty-Financial-8-1.47%-8.69%-10.01%-10.68%MGKVanguard Mega Cap GrowthLarge Cap Growth Equi-8-0.65%-1.42%-3.22%-13.42%SOXXiShares PHLX SOX Semiconductor Sector IndexTechnology Equities-8-1.42%-3.22%-13.42%VUGVanguard GrowthLarge Cap Growth-8-0.71%-1.40%-4.63%-1.42%VUGVanguard GrowthLarge Cap Growth-8-0.65%-1.42%-1.42%-2.22% </th <th>-8.25% -15.30% -9.81% -16.97%</th>	-8.25% -15.30% -9.81% -16.97%
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VWOVanguard Emerging MarketsEmerging Markets Equi-8-8.59%-9.26%-6.91%-7.44%BBHVanEck Vectors BiotechHealth & Biotech-82.26%-3.15%-16.61%-16.13%-VWOBVanguard Emerging Markets Gov BondsEmerging Markets Bon-8-4.68%-6.67%-9.47%-9.88%XLYConsumer Discretionary Sec.*Consumer Discretionar-8-1.65%-4.16%-12.33%-12.87%IEMGiShares Core MSCI Emerging MarketsEmerging Markets Equi-8-8.32%-9.37%-7.61%-8.09%-QQQPowerShares QQQ Trust, Series 1Large Growth-8-0.29%-4.78%-13.22%-13.42%SCHESchwab Emerging Markets EquityEmerging Markets Equi-8-9.19%-9.52%-6.75%-7.26%-PGFPowerShares Fin. Preferred Portf.Specialty-Financial-8-1.47%-8.69%-10.01%-10.68%MGKVanguard Mega Cap GrowthLarge Cap Growth-8-0.51%-1.83%-13.87%-14.00%IWPRussell MidCap GrowthMid-Cap Growth-8-0.51%-1.83%-14.23%-14.23%TLTiShares PHLX SOX Semiconductor Sector IndexTechnology Equities-8-1.42%-3.22%-13.99%-14.23%VUGVanguard GrowthLarge Cap Growth-8-0.71%4.10%-14.23%-14.23%VUGVanguard GrowthLarge Cap Growth-8-0.71%4.10%-14.2	-0.01/0 -10.97 %
BBHVanEck Vectors BiotechHealth & Biotech-82.26%-3.15%-16.61%-16.13%VWOBVanguard Emerging Markets Gov BondsEmerging Markets Bon-8-4.68%-6.67%-9.47%-9.88%XLYConsumer Discretionary Sec.*Consumer Discretionar-8-1.65%-4.16%-12.33%-12.87%IEMGiShares Core MSCI Emerging MarketsEmerging Markets Equi-8-8.32%-9.37%-7.61%-8.09%-QQPowerShares QQQ Trust, Series 1Large Growth-80.29%-4.78%-13.22%-13.42%SCHESchwab Emerging Markets EquityEmerging Markets Equi-8-9.19%-9.52%-6.75%-7.26%-PGFPowerShares Fin. Preferred Portf.Specialty-Financial-8-1.47%-8.69%-10.01%-10.68%MGKVanguard Mega Cap GrowthLarge Cap Growth-8-0.51%-1.83%-13.87%-14.00%IWPRussell MidCap GrowthMid-Cap Growth-8-0.51%-1.83%-15.17%-15.29%-SOXXiShares PHLX SOX Semiconductor Sector IndexTechnology Equities-8-1.42%-3.22%-13.99%-14.23%VUGVanguard GrowthLarge Cap Growth-80.71%4.10%-14.23%-14.23%VUGVanguard Long-Term Corporate BondCorporate Bonds-8-1.65%-1.55%-15.73%-IBBNasdaq BiotechnologyHealth & Biotech Equiti-82.08%-1.55%<	10.30% -22.04%
VWOBVanguard Emerging Markets Gov BondsEmerging Markets Bon-8-4.68%-6.67%-9.47%-9.88%XLYConsumer Discretionary Sec.*Consumer Discretionar-8-1.65%-4.16%-12.33%-12.87%-12.87%IEMGiShares Core MSCI Emerging MarketsEmerging Markets Equi-8-8.32%-9.37%-7.61%-8.09%-QQQPowerShares QQQ Trust, Series 1Large Growth-8-0.29%-4.78%-13.22%-13.42%-SCHESchwab Emerging Markets EquityEmerging Markets Equi-8-9.19%-9.52%-6.75%-7.26%-PGFPowerShares Fin. Preferred Portf.Specialty-Financial-8-1.47%-8.69%-10.01%-10.68%MGKVanguard Mega Cap GrowthLarge Cap Growth Equi-8-0.51%-1.83%-15.17%-15.29%-SOXXiShares PHLX SOX Semiconductor Sector IndexTechnology Equities-8-1.42%-3.22%-13.99%-14.23%VUGVanguard GrowthLarge Cap Growth-8-0.51%-1.83%-11.42%-11.04%-VUGVanguard Long-Term Corporate BondCorporate Bonds-8-1.65%-4.65%-11.63%-11.28%-IBBNasdaq BiotechnologyHealth & Biotech Equiti-8-1.89%-1.55%-6.55%-5.73%-IFZUiShares US Consumer ServicesConsumer Discretionar-8-2.31%-3.68%-12.81%-IFZUiShares US co	-9.44% -18.96%
XLYConsumer Discretionary Sec.*Consumer Discretionar-8-1.65%4.16%-12.33%-12.87%IEMGiShares Core MSCI Emerging MarketsEmerging Markets Equi-8-8.32%-9.37%-7.61%-8.09%-QQQPowerShares QQQ Trust, Series 1Large Growth-8-0.29%4.76%-13.22%-13.42%SCHESchwab Emerging Markets EquityEmerging Markets Equi-8-9.19%-9.52%-6.75%-7.26%PGFPowerShares Fin. Preferred Portf.Specialty-Financial-8-1.47%-8.69%-10.01%-10.68%MGKVanguard Mega Cap GrowthLarge Cap Growth Equi-8-0.51%-1.83%-15.17%-15.29%-SOXXiShares PHLX SOX Semiconductor Sector IndexTechnology Equities-8-1.42%-3.22%-13.99%-14.23%VUGVanguard GrowthLarge Cap Growth-8-0.51%-1.83%-15.17%-15.29%-VUGVanguard GrowthLarge Cap Growth-8-0.51%-1.83%-14.23%-14.23%-VUGVanguard GrowthLarge Cap Growth-8-0.51%-1.83%-14.23%-14.23%-14.23%-VUGVanguard Long-Term Corporate BondCorporate Bonds-8-1.42%-7.06%-11.63%-11.28%-IBBNasdaq BiotechnologyHealth & Biotech Equiti-8-2.31%-3.66%+12.81%IYCiShares Currency Hedged MSCI EurozoneEurope Equ	16.72% -28.06%
IEMGiShares Core MSCI Emerging MarketsEmerging Markets Equi-8-8.32%-9.37%-7.61%-8.09%-QQQPowerShares QQQ Trust, Series 1Large Growth-8-0.29%-4.78%-13.22%-13.42%-SCHESchwab Emerging Markets EquityEmerging Markets Equi-8-9.19%-9.52%-6.75%-7.26%-PGFPowerShares Fin. Preferred Portf.Specialty-Financial-8-1.47%-8.69%-10.01%-10.68%MGKVanguard Mega Cap GrowthLarge Cap Growth Equi-8-0.85%-4.63%-13.87%-14.00%IWPRussell MidCap GrowthMid-Cap Growth-8-0.51%-1.83%-15.17%-15.29%-SOXXiShares PHLX SOX Semiconductor Sector IndexTechnology Equities-8-1.42%-3.22%-13.99%-14.23%TLTiShares 20+ Treas. BdGovernment Bonds-8-3.63%-7.12%-11.24%-11.04%VUGVanguard GrowthLarge Cap Growth-8-0.71%-4.10%-14.12%-11.24%VUGVanguard Long-Term Corporate BondCorporate Bonds-8-1.58%-7.06%-11.63%-11.28%-IBBNasdaq BiotechnologyHealth & Biotech Equiti-8-2.31%-3.68%-15.73%IYCiShares US Consumer ServicesConsumer Discretionar-8-2.31%-3.68%-12.81%VGTVanguard Info TechnologyTechnolgy Equities-8 <td>-9.42% -15.95%</td>	-9.42% -15.95%
QQQPowerShares QQQ Trust, Series 1Large Growth-8-0.29%-4.78%-13.22%-13.42%SCHESchwab Emerging Markets EquityEmerging Markets Equi-8-9.19%-9.52%-6.75%-7.26%-PGFPowerShares Fin. Preferred Portf.Specialty-Financial-8-1.47%-8.69%-10.01%-10.68%MGKVanguard Mega Cap GrowthLarge Cap Growth Equi-8-0.51%-1.83%-13.87%-14.00%IWPRussell MidCap GrowthMid-Cap Growth-8-0.51%-1.83%-15.17%-15.29%-SOXXiShares PHLX SOX Semiconductor Sector IndexTechnology Equities-8-1.42%-3.22%-13.99%-14.23%TLTiShares 20+ Treas. BdGovernment Bonds-8-3.63%-7.12%-11.24%-11.04%VUGVanguard GrowthLarge Cap Growth-8-0.71%4.10%-14.12%VUGVanguard GrowthLarge Cap Growth-8-0.71%4.10%-14.23%VUTVanguard Long-Term Corporate BondCorporate Bonds-8-1.58%-7.06%-11.28%IBBNasdaq BiotechnologyHealth & Biotech Equiti-8-8.31%-8.75%-9.11%IYCiShares US Consumer ServicesConsumer Discretionar-8-2.31%-3.68%-12.81%VGTVanguard Info TechnologyTechnolgy Equities-8-1.45%-3.42%-12.97%-13.29%VOTVanguard Mid-Cap GrowthMid-Cap Growth-	-4.98% -15.75%
SCHESchwab Emerging Markets EquityEmerging Markets Equi-8-9.19%-9.52%-6.75%-7.26%-PGFPowerShares Fin. Preferred Portf.Specialty-Financial-8-1.47%-8.69%-10.01%-10.68%MGKVanguard Mega Cap GrowthLarge Cap Growth Equi-8-0.85%4.63%-13.87%-14.00%IWPRussell MidCap GrowthMid-Cap Growth-8-0.51%-1.83%-15.17%-15.29%-SOXXiShares PHLX SOX Semiconductor Sector IndexTechnology Equities-8-1.42%-3.22%-13.99%-14.23%TLTiShares 20+ Treas. BdGovernment Bonds-8-3.63%-7.12%-11.24%-11.04%VUGVanguard GrowthLarge Cap Growth-8-0.71%-4.10%-14.12%-11.24%VCLTVanguard Long-Term Corporate BondCorporate Bonds-8-1.58%-7.06%-11.63%-11.28%-IBBNasdaq BiotechnologyHealth & Biotech Equiti-8-2.31%-3.68%-12.81%-12.81%-11.28%-11.28%-11.28%-11.28%-11.28%-11.28%-12.81%-12.81%-12.81%-12.81%-12.81%-11.28%-11.28%-11.28%-11.28%-11.28%-12.81%-12.81%-12.81%-12.81%-12.81%-12.81%-12.81%-12.81%-12.81%-14.85%-14.85%-14.85%-14.85%-14.85%-14.85%-14.85%-14.85%-14.85%-14.85%-14.85%-14.85%-14.8	10.88% -20.79%
PGFPowerShares Fin. Preferred Portf.Specialty-Financial-8-1.47%-8.69%-10.01%-10.68%MGKVanguard Mega Cap GrowthLarge Cap Growth Equi-8-0.85%-4.63%-13.87%-14.00%IWPRussell MidCap GrowthMid-Cap Growth-8-0.51%-1.83%-15.17%-15.29%-SOXXiShares PHLX SOX Semiconductor Sector IndexTechnology Equities-8-1.42%-3.22%-13.99%-14.23%TLTiShares 20+ Treas. BdGovernment Bonds-8-3.63%-7.12%-11.24%-11.04%VUGVanguard GrowthLarge Cap Growth-8-0.71%-4.10%-14.23%VUGVanguard Long-Term Corporate BondCorporate Bonds-8-1.58%-7.06%-11.63%-11.28%IBBNasdaq BiotechnologyHealth & Biotech Equiti-82.08%-1.55%-16.85%-15.73%-HEZUiShares Currency Hedged MSCI EurozoneEurope Equities-84.89%-8.31%-8.75%-9.11%IYCiShares US Consumer ServicesConsumer Discretionar-8-2.31%-3.68%-12.81%VGTVanguard Info TechnologyTechnolgy Equities-8-1.45%-3.42%-12.97%-13.29%VOTVanguard Mid-Cap GrowthMid-Cap Growth-8-0.14%-1.61%-14.75%-14.85%EWQiShares France IndexEurope Stock-8-6.23%-8.68%-8.59%-9.39%	-6.75% -14.74%
MGKVanguard Mega Cap GrowthLarge Cap Growth Equi-8-0.85%-4.63%-13.87%-14.00%IWPRussell MidCap GrowthMid-Cap Growth-8-0.51%-1.83%-15.17%-15.29%-SOXXiShares PHLX SOX Semiconductor Sector IndexTechnology Equities-8-1.42%-3.22%-13.99%-14.23%TLTiShares 20+ Treas. BdGovernment Bonds-8-3.63%-7.12%-11.24%-11.04%VUGVanguard GrowthLarge Cap Growth-8-0.71%-4.10%-14.03%-14.12%VUGVanguard GrowthLarge Cap Growth-8-0.71%-4.10%-14.03%-14.12%VCLTVanguard Long-Term Corporate BondCorporate Bonds-8-0.71%-4.10%-14.03%-11.28%IBBNasdaq BiotechnologyHealth & Biotech Equiti-82.08%-1.55%-16.85%-15.73%-HEZUiShares Currency Hedged MSCI EurozoneEurope Equities-8-4.89%-8.31%-8.75%-9.11%IYCiShares US Consumer ServicesConsumer Discretionar-8-2.31%-3.68%-12.81%VGTVanguard Info TechnologyTechnolgy Equities-8-1.45%-3.42%-12.97%-13.29%VOTVanguard Mid-Cap GrowthMid-Cap Growth-8-0.14%-1.61%-14.75%-14.85%EWQiShares France IndexEurope Stock-8-6.23%-8.68%-8.59%-9.39%	10.08% -20.68%
IWPRussell MidCap GrowthMid-Cap Growth-8-0.51%-1.83%-15.17%-15.29%-SOXXiShares PHLX SOX Semiconductor Sector IndexTechnology Equities-8-1.42%-3.22%-13.99%-14.23%TLTiShares 20+ Treas. BdGovernment Bonds-8-3.63%-7.12%-11.24%-11.04%VUGVanguard GrowthLarge Cap Growth-8-0.71%-4.10%-14.03%-14.12%VCLTVanguard Long-Term Corporate BondCorporate Bonds-8-1.58%-7.06%-11.63%-11.28%IBBNasdaq BiotechnologyHealth & Biotech Equiti-82.08%-1.55%-16.85%-15.73%-IFZUiShares Currency Hedged MSCI EurozoneEurope Equities-8-2.31%-3.68%-12.08%-12.81%IYCiShares US Consumer ServicesConsumer Discretionar-8-2.31%-3.42%-12.97%-13.29%VOTVanguard Info TechnologyTechnolgy Equities-8-1.45%-3.42%-12.97%-13.29%VOTVanguard Mid-Cap GrowthMid-Cap Growth-8-0.14%-1.61%-14.75%-14.85%EWQiShares France IndexEurope Stock-8-6.23%-8.68%-8.59%-9.39%	-9.58% -13.93%
SOXXiShares PHLX SOX Semiconductor Sector IndexTechnology Equities-8-1.42%-3.22%-13.99%-14.23%TLTiShares 20+ Treas. BdGovernment Bonds-8-3.63%-7.12%-11.24%-11.04%VUGVanguard GrowthLarge Cap Growth-8-0.71%-4.10%-14.03%-14.12%VCLTVanguard Long-Term Corporate BondCorporate Bonds-8-1.58%-7.06%-11.63%-11.28%IBBNasdaq BiotechnologyHealth & Biotech Equiti-82.08%-1.55%-16.85%-15.73%-HEZUiShares Currency Hedged MSCI EurozoneEurope Equities-8-4.89%-8.31%-8.75%-9.11%IYCiShares US Consumer ServicesConsumer Discretionar-8-2.31%-3.68%-12.08%-12.81%VGTVanguard Info TechnologyTechnolgy Equities-8-1.45%-3.42%-12.97%-13.29%VOTVanguard Mid-Cap GrowthMid-Cap Growth-8-0.14%-1.61%-14.75%-14.85%EWQiShares France IndexEurope Stock-8-6.23%-8.68%-8.59%-9.39%	-7.37% -15.16%
TLTiShares 20+ Treas. BdGovernment Bonds-8-3.63%-7.12%-11.24%-11.04%VUGVanguard GrowthLarge Cap Growth-8-0.71%-4.10%-14.03%-14.12%VCLTVanguard Long-Term Corporate BondCorporate Bonds-8-1.58%-7.06%-11.63%-11.28%IBBNasdaq BiotechnologyHealth & Biotech Equiti-82.08%-1.55%-16.85%-15.73%-HEZUiShares Currency Hedged MSCI EurozoneEurope Equities-8-4.89%-8.31%-8.75%-9.11%IYCiShares US Consumer ServicesConsumer Discretionar-8-2.31%-3.68%-12.08%-12.81%VGTVanguard Info TechnologyTechnolgy Equities-8-1.45%-3.42%-12.97%-13.29%VOTVanguard Mid-Cap GrowthMid-Cap Growth-8-0.14%-1.61%-14.75%-14.85%EWQiShares France IndexEurope Stock-8-6.23%-8.68%-8.59%-9.39%	12.25% -20.83%
VUGVanguard GrowthLarge Cap Growth-8-0.71%-4.10%-14.03%-14.12%VCLTVanguard Long-Term Corporate BondCorporate Bonds-8-1.58%-7.06%-11.63%-11.28%-IBBNasdaq BiotechnologyHealth & Biotech Equiti-82.08%-1.55%-16.85%-15.73%-HEZUiShares Currency Hedged MSCI EurozoneEurope Equities-84.89%-8.31%-8.75%-9.11%-IYCiShares US Consumer ServicesConsumer Discretionar-8-2.31%-3.68%-12.08%-12.81%-VGTVanguard Info TechnologyTechnolgy Equities-8-1.45%-3.42%-12.97%-13.29%-VOTVanguard Mid-Cap GrowthMid-Cap Growth-8-0.14%-1.61%-14.75%-14.85%-EWQiShares France IndexEurope Stock-8-6.23%-8.68%-8.59%-9.39%	-2.48% -16.28%
VCLTVanguard Long-Term Corporate BondCorporate Bonds-8-1.58%-7.06%-11.63%-11.28%IBBNasdaq BiotechnologyHealth & Biotech Equiti-82.08%-1.55%-16.85%-15.73%-HEZUiShares Currency Hedged MSCI EurozoneEurope Equities-8-4.89%-8.31%-8.75%-9.11%IYCiShares US Consumer ServicesConsumer Discretionar-8-2.31%-3.68%-12.08%-12.81%VGTVanguard Info TechnologyTechnolgy Equities-8-1.45%-3.42%-12.97%-13.29%VOTVanguard Mid-Cap GrowthMid-Cap Growth-8-0.14%-1.61%-14.75%-14.85%EWQiShares France IndexEurope Stock-8-6.23%-8.68%-8.59%-9.39%	-9.54% -23.16%
IBBNasdaq BiotechnologyHealth & Biotech Equiti-82.08%-1.55%-16.85%-15.73%-HEZUiShares Currency Hedged MSCI EurozoneEurope Equities-8-4.89%-8.31%-8.75%-9.11%IYCiShares US Consumer ServicesConsumer Discretionar-8-2.31%-3.68%-12.08%-12.81%VGTVanguard Info TechnologyTechnolgy Equities-8-1.45%-3.42%-12.97%-13.29%VOTVanguard Mid-Cap GrowthMid-Cap Growth-8-0.14%-1.61%-14.75%-14.85%EWQiShares France IndexEurope Stock-8-6.23%-8.68%-8.59%-9.39%	-7.64% -15.38%
HEZUiShares Currency Hedged MSCI EurozoneEurope Equities-8-4.89%-8.31%-8.75%-9.11%IYCiShares US Consumer ServicesConsumer Discretionar-8-2.31%-3.68%-12.08%-12.81%VGTVanguard Info TechnologyTechnolgy Equities-8-1.45%-3.42%-12.97%-13.29%VOTVanguard Mid-Cap GrowthMid-Cap Growth-8-0.14%-1.61%-14.75%-14.85%EWQiShares France IndexEurope Stock-8-6.23%-8.68%-8.59%-9.39%	10.54% -16.87%
IYC iShares US Consumer Services Consumer Discretionar -8 -2.31% -3.68% -12.81% VGT Vanguard Info Technology Technolgy Equities -8 -1.45% -3.42% -12.97% -13.29% VOT Vanguard Mid-Cap Growth Mid-Cap Growth -8 -0.14% -16.1% -14.75% -14.85% EWQ iShares France Index Europe Stock -8 -6.23% -8.68% -8.59% -9.39%	16.05% -62.26%
VGT Vanguard Info Technology Technolgy Equities -8 -1.45% -3.42% -12.97% -13.29% VOT Vanguard Mid-Cap Growth Mid-Cap Growth -8 -0.14% -1.61% -14.75% -14.85% EWQ iShares France Index Europe Stock -8 -6.23% -8.68% -8.59% -9.39%	-6.73% -12.12%
VOT Vanguard Mid-Cap Growth Mid-Cap Growth -8 -0.14% -1.61% -14.75% -14.85% EWQ iShares France Index Europe Stock -8 -6.23% -8.68% -8.59% -9.39%	-7.35% -73.56%
EWQiShares France IndexEurope Stock-8-6.23%-8.68%-8.59%-9.39%	-5.51% -14.76%
	-9.39% -18.42%
AAXJ iShares MSCI All Country Asia ex Japan Asia Pacific -9 -8 26% -10 43% -8 78% -9 02% -	-7.46% -12.90%
	11.90% -26.29%
EWD iShares Sweden Index Europe Stock -9 -1.29% -8.18% -13.33% -14.42% -	12.66% -19.72%
EFG iShares MSCI EAFE Growth Index Foreign Large Cap Equ -9 -2.08% -6.80% -12.92% -13.28% -	10.39% -16.06%
IYW Dow Jones US Technology Technology Equities -9 -1.12% -4.42% -14.28% -14.34%	-6.85% -16.00%
XHBSPDR Series Trust SPDR Home BuildersBuilding & Construction-90.88%-3.67%-14.84%-17.28%	-6.80% -17.75%
SMH VanEch Vectors Semiconductor Technology Equities -9 -1.76% -4.65% -14.52% -14.67%	-3.87% -16.76%
EEM iShares Emerging Mkts Index Emerging Mkts Equities -9 -9.12% -10.06% -8.21% -8.45%	11.36% -22.84%
VOX Vanguard Telecom Serv's Communication Equitie -9 -1.57% -8.80% -14.04% -13.46% -	14.46% -22.13%
HEWG iShares Currency Hedged MSCI Germany Europe Equities -9 -6.27% -9.65% -9.93% -9.87%	-8.78% -13.05%
ITB iShares DJ US Home Construction Building and Constructi -10 0.30% -4.51% -16.70% -19.33%	-6.83% -19.45%
EDV Vanguard Extended Duration Treasury Government Bonds -10 -4.57% -9.17% -14.15% -13.72% -	12.03% -32.28%
EZU European Monetary Union Index Europe Stock -10 -7.20% -10.14% -10.97% -11.43% -	10.74% -15.76%
FEZ SPDR Euro Stoxx 50 Europe Stock -10 -6.85% -10.06% -10.39% -11.08% -	10.09% -15.93%
IGV iShares North American Tech-Software Technology Equities -10 -1.33% -5.21% -17.44% -16.93% -	15.98% -26.03%
PCY PowerShares Emerging Markets Sovereign Debt P Emerging Markets Bon -11 -6.82% -9.26% -12.97% -13.40% -	13.18% -26.27%
EWG iShares Germany Index Europe Stock -11 -8.48% -11.37% -11.96% -11.74% -	12.59% -20.70%
ZROZ PIMCO 25 Yr Zero Coupon US Treas Idx Exchg-Tr Government Bonds -11 -4.35% -9.23% -14.70% -14.00% -	11.74% -31.07%
EWI iShares Italy Index Europe Stock -12 -10.73% -12.39% -11.61% -12.50% -	11.11% -16.71%
XBI SPDR Series Trust SPDR S&P Biotech Health & Biotech Equiti -12 -1.16% -2.62% -24.24% -20.01% -	23.29% -48.53%
ASHR Deutsche X-Trackers China A-Shares China Equities -13 -8.76% -12.84% -14.73% -14.71% -	12.76% -28.15%
EWN iShares Netherlands Index Europe Stock -13 -6.98% -11.73% -15.32% -16.11% -	14.08% -21.66%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk 12 wk	YTD %M/A	DD%
FXI	iShares China 25 Index	China Equities	-16	-16.35%	-19.01% -13.70%	-13.59% -19.86%	-41.97%
MCHI	iShares MSCI China	China Equities	-17	-16.12%	-18.80% -16.08%	-16.14% -22.21%	-45.84%
SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	-51	-49.29%	-49.16% -53.49%	-53.71% -52.19%	-56.96%
SCHH	Schwab U.S. REIT	Real Estate	-51	-47.90%	-49.47% -52.33%	-53.92% -49.04%	-53.92%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	-52	-49.70%	-50.74% -53.56%	-53.87% -50.72%	-54.18%
SCHB	Schwab U.S. Broad Market	All Cap Equities	-52	-49.68%	-50.63% -53.58%	-53.90% -50.88%	-54.18%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	-54	-50.07%	-51.65% -56.63%	-56.57% -52.86%	-57.36%
RSX	Market Vectors Russia	Emerging Markets Equi	-77	-76.63%	-76.01% -78.37%	-78.81% -79.00%	-83.05%