HV ETF Master List as of 03/10/2022

Name	Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk <i>'</i>	12 wk	YTD 9	%M/A	DD%
VDE Vanguard Energy VIPERS Energy Equities 29 13.88% 25.59% 40.58% 38.67% 36.16% 11.19% GSG IShares GSCI Commodity Index Commodities 27 15.79% 26.57% 36.11% 31.97% 30.79% 12.25% AGQ ProShares Ultra Silver Leveraged Commoditie 27 25.77% 26.57% 36.57% 33.51% 31.81% 36.28% VING U.S. Natural Gas Fund Oil & Gas 24 17.49% 14.93% 32.25% 20.66% 30.31% 34.87% 35.55% 21.48% 15.25% 20.66% 30.31% 14.87% 35.18% 31.93% 13.68% 30.34% 27.07% 26.07 26.77% <t< td=""><td>XME</td><td>SPDR S&P Metals & Mining</td><td>Commodity Producers</td><td>32</td><td>26.17%</td><td>27.62%</td><td>40.55%</td><td>33.30%</td><td>33.95%</td><td>0.00%</td></t<>	XME	SPDR S&P Metals & Mining	Commodity Producers	32	26.17%	27.62%	40.55%	33.30%	33.95%	0.00%
Series S	XLE	Energy Select Sector *	Energy Equities	29	13.23%	22.91%	39.59%	39.59%	37.35%	-1.82%
AGG	VDE	Vanguard Energy VIPERS	Energy Equities	29	13.88%	22.53%	40.59%	38.67%	36.19%	-1.19%
NE	GSG	iShares GSCI Commodity Index	Commodities.	27	15.79%	25.65%	36.11%	31.97%	30.79%	-12.65%
UNG U.S. Natural Gas Fund Oil & Gas 24 17.49% 14.93% 32.25% 30.66% 8.09% 81.52% GDX Mkt Vector Gold Miners Specialty-Precious Met 24 26.78% 24.55% 24.75% 21.48% 19.55% 12.22% DJP Bloomberg Commodity Index Commodities 23 11.411% 21.97% 30.34% 27.07% 31.96% 32.96% 40.00% FXM 11 Tinust Energy AlphaDEX Energy Equities 23 11.83% 17.87% 31.56% 30.03% 29.61% 14.74% IGE iShares North American Natural Resources Commodities 21 16.27% 23.03% 20.31% 20.12% 47.40% 10.00% IKC SAP Global Energy Energy Equities 21 7.06% 14.91% 31.26% 20.11% -7.12% IXC SAP Global Energy Commodities 20 12.02% 18.01% 31.26% 22.81% 23.81% 49.07% IXC SAP Global Energy Commodity Producers	AGQ	ProShares Ultra Silver	Leveraged Commoditie	27	26.57%	26.57%	32.86%	23.83%	13.91%	-38.28%
GDX Mkt Vector Gold Miners Specially-Precious Met 24 26.76% 24.75% 21.48% 19.55% -12.62% DJP Bloomberg Commodity Index Commodities 23 14.11% 21.97% 30.34% 27.07% 25.01% -8.98% IEO Ishares DJ Oil & Gas Expl AProd. Energy Equities 23 9.39% 15.76% 35.16% 31.96% 30.03% 22.98% 0.00% FXN 1 st Trust Energy AlphaDEX Energy Equities 21 11.83% 17.87% 31.58% 30.03% 22.74% 0.00% FTGC First Trust Global Tactical Commodity Strategy Commodities 21 15.27% 23.03% 20.44% 26.71% 20.16% 7.12% IXC S&P Global Energy Energy Equities 21 15.97% 13.26% 22.27% 27.40% 0.00% DBC PowerShares DB Commodity Index Commodity Producers 20 12.02% 18.74% 25.95% 22.86% 23.81% 20.05% DBCJ Vancek Vectors Junior Gold Miners	IYE	Dow Jones US Energy	Specialty-Natural Res.	27	13.03%	21.79%	37.68%	36.31%	34.87%	-5.53%
DUP Bloomberg Commodity Index Commodities 23 14.11% 21.97% 30.34% 27.07% 25.01% 8.98% IEO iShares DJ Oil & Gas Expl.&Prod. Energy Equities 23 9.39% 15.76% 35.16% 31.96% 32.59% 0.00% FXN 1st Trust Energy AlphaDEX Energy Equities 23 11.83% 17.67% 31.59% 30.30% 29.61% -14.74% IGE iShares North American Natural Resources Commodity Producers 22 12.09% 16.66% 30.37% 27.22% 27.40% 0.00% Commodities 21 15.27% 23.03% 20.84% 26.71% 20.16% -7.12% 23.03% 20.84% 26.71% 20.16% -7.12% 23.03% 20.84% 26.71% 20.16% -7.12% 23.03% 20.84% 26.71% 20.16% -7.12% 23.03% 20.84% 26.71% 20.16% -7.12% 20.16% -7.12% 23.03% 20.84% 26.71% 20.16% -7.12% 20.16	UNG	U.S. Natural Gas Fund	Oil & Gas	24	17.49%	14.93%	32.25%	30.66%	8.09%	-81.52%
Energy Equities 23 9.39% 15.76% 35.16% 31.96% 32.59% 0.00%	GDX	Mkt Vector Gold Miners	Specialty-Precious Met	24	26.78%	24.55%	24.75%	21.48%	19.55%	-12.62%
FXN	DJP	Bloomberg Commodity Index	Commodities	23	14.11%	21.97%	30.34%	27.07%	25.01%	-8.98%
IGE iShares North American Natural Resources Commodity Producers 22 12.09% 16.66% 30.37% 27.22% 27.40% 0.00%	IEO	iShares DJ Oil & Gas Expl.&Prod.	Energy Equities	23	9.39%	15.76%	35.16%	31.96%	32.59%	0.00%
FTGC First Trust Global Tactical Commodity Strategy Energy Equities 21 15.27% 23.03% 20.84% 26.71% 20.16% 7.12% 1XC S&P Global Energy Energy Equities 21 7.08% 14.91% 31.26% 29.73% 27.24% 9.39% DBC PowerShares DB Commodity Index Commodities 20 12.02% 18.74% 25.95% 22.86% 23.81% 9.95% 6DX VanEck Vectors Junior Gold Miners Commodity Producers 19 24.26% 18.47% 18.58% 15.81% 12.91% 22.418% RING iShares MCSI Global Gold Miners Fund Commodity Producers 19 20.77% 18.07% 20.53% 15.57% 15.33% 15.52% 15.25%	FXN	1st Trust Energy AlphaDEX	Energy Equities	23	11.83%	17.87%	31.58%	30.03%	29.61%	-14.74%
Name	IGE	iShares North American Natural Resources	Commodity Producers	22	12.09%	16.66%	30.37%	27.22%	27.40%	0.00%
DBC PowerShares DB Commodity Index Commodities 20 12.02% 18.74% 25.95% 22.86% 23.81% -9.05% GDXJ VanEck Vectors Junior Gold Miners Commodity Producers 19 24.26% 18.47% 18.58% 15.81% 12.91% -24.18% RING iShares MCSI Global Gold Miners Fund Commodity Producers 19 20.77% 18.07% 20.53% 15.57% 15.33% -15.53% EWZ IShares Brazil Index Latin America Stock 17 5.58% 18.93% 19.64% 21.98% 2.48% 29.27% SLV iShares Brazil Index Latin America Metals 13 11.20% 12.58% 15.49% 11.62% 8.11% -11.07% TBT ProShares UltraShort Lehman 20 Yr Treas Leveraged Bonds 13 1.12% 12.28% 19.27% 18.00% 11.60% 11.60% 13.00% 12.15% 14.00% 11.60% 11.60% 13.00% 12.15% 14.07% 15.20% 30.35% 15.20% 30.35% 15.20% 70.00% </td <td>FTGC</td> <td>First Trust Global Tactical Commodity Strategy</td> <td>Commodities</td> <td>21</td> <td>15.27%</td> <td>23.03%</td> <td>20.84%</td> <td>26.71%</td> <td>20.16%</td> <td>-7.12%</td>	FTGC	First Trust Global Tactical Commodity Strategy	Commodities	21	15.27%	23.03%	20.84%	26.71%	20.16%	-7.12%
GDXJ VanEck Vectors Junior Gold Miners Commodity Producers 19 24.26% 18.47% 18.58% 15.81% 12.91% -24.18% RING IShares MCSI Global Gold Miners Fund Commodity Producers 19 20.77% 18.07% 20.53% 15.57% 15.33% -15.53% EWZ IShares Brazil Index Latin America Stock 17 5.58% 18.93% 19.64% 21.98% 2.48% -29.27% SLV iShares Silver Trust Precious Metals 13 12.09% 12.56% 15.49% 11.62% 8.11% -11.07% TBT ProShares Slort Lehman 20 Yr Treas Leveraged Bonds 13 1.12% 12.28% 19.27% 18.00% 11.86% -53.28% ILF iShares SAP 40 Latin America Latin America Stock 13 4.76% 11.51% 17.31% 17.26% 15.22% 30.35% PSQ ProShares Short QQQ Inverse Equities 13 5.49% 10.06% 18.49% 16.36% 12.15% 14.06% 17.64% 8.24% -7	IXC	S&P Global Energy	Energy Equities	21	7.08%	14.91%	31.26%	29.73%	27.24%	-9.39%
RING IShares MCSI Global Gold Miners Fund Commodity Producers 19 20.77% 18.07% 20.53% 15.57% 15.33% -15.53% EWZ IShares Brazil Index Latin America Stock 17 5.56% 18.93% 19.64% 21.98% 2.48% -29.27% SLV IShares Silver Trust Precious Metals 13 12.09% 12.56% 15.49% 11.62% 8.11% -11.07% TBT ProShares UltraShort Lehman 20 Yr Treas Leveraged Bonds 13 1.12% 12.28% 19.27% 18.00% 11.86% -53.28% ILF IShares SAP 40 Latin America Latin America Stock 13 4.76% 11.51% 17.31% 17.26% 15.2% -30.35% PSQ ProShares Short QQQ Inverse Equities 13 5.49% 10.06% 18.49% 16.36% 17.64% 82.4% -77.09% GUNR FlexShares Global Upstream Natural Resources Commodity Producers 13 5.46% 11.92% 15.86% 12.38% 5.99% -15.41%	DBC	PowerShares DB Commodity Index	Commodities	20	12.02%	18.74%	25.95%	22.86%	23.81%	-9.05%
EWZ Ishares Brazil Index Latin America Stock 17 5.58% 18.93% 19.64% 21.98% 2.48% 29.27% SLV ishares Silver Trust Precious Metals 13 12.09% 12.56% 15.49% 11.62% 8.11% -11.07% TBT ProShares UltraShort Lehman 20 Yr Treas Leveraged Bonds 13 1.12% 12.28% 19.27% 18.00% 11.86% -53.28% ILF ishares S&P 40 Latin America Latin America Stock 13 4.76% 11.51% 17.31% 17.26% 15.2% -30.35% PSQ ProShares Short QQQ Inverse Equities 13 6.88% 12.15% 14.06% 17.64% 8.24% -77.09% GUNR FlexShares Global Upstream Natural Resources Commodity Producers 13 5.49% 10.06% 18.49% 16.36% 17.50% 0.00% PPLT ETFS Physical Platinum Shares Precious Metals 11 5.46% 11.92% 15.86% 12.38% 59.8% -15.41% EFZ ProSharesS	GDXJ	VanEck Vectors Junior Gold Miners	Commodity Producers	19	24.26%	18.47%	18.58%	15.81%	12.91%	-24.18%
SLV iShares Silver Trust Precious Metals 13 12.09% 12.56% 15.49% 11.62% 8.11% -11.07% TBT ProShares UltraShort Lehman 20 Yr Treas Leveraged Bonds 13 1.12% 12.28% 19.27% 18.00% 11.86% -53.28% ILF iShares S&P 40 Latin America Latin America Stock 13 4.76% 11.51% 17.31% 17.26% 1.52% -30.35% PSQ ProShares Short QQQ Inverse Equities 13 6.88% 12.15% 14.06% 17.64% 8.24% -77.09% GUNR FlexShares Global Upstream Natural Resources Commodity Producers 13 5.49% 10.06% 18.49% 16.36% 17.50% 0.00% PPLT ETFS Physical Platinum Shares Precious Metals 11 5.46% 11.92% 15.86% 12.38% 5.98% -15.41% EFZ ProShares Short MSCI EAFE Inverse Equities 11 9.97% 12.63% 10.34% 12.26% 9.99% -44.07% EZA IShares	RING	iShares MCSI Global Gold Miners Fund	Commodity Producers	19	20.77%	18.07%	20.53%	15.57%	15.33%	-15.53%
TBT ProShares UltraShort Lehman 20 Yr Treas Leveraged Bonds 13 1.12% 12.28% 19.27% 18.00% 11.86% -53.28% ILF iShares S&P 40 Latin America Latin America Stock 13 4.76% 11.51% 17.31% 17.26% 1.52% -30.35% PSQ ProShares Short QQQ Inverse Equities 13 6.88% 12.15% 14.06% 17.64% 8.24% -77.09% GUNR FlexShares Global Upstream Natural Resources Commodity Producers 13 5.49% 10.06% 18.49% 16.36% 17.50% 0.00% PPLT ETFS Physical Platinum Shares Precious Metals 11 5.46% 11.92% 15.86% 12.38% 5.98% -15.41% EFZ ProSharesShort MSCI EAFE Inverse Equities 11 9.97% 12.83% 10.34% 12.26% 9.99% 44.07% EZA iShares South Africa Index Emerging Markets Equi 10 3.22% 7.45% 15.85% 14.03% 9.79% 30.36% GLD	EWZ	iShares Brazil Index	Latin America Stock	17	5.58%	18.93%	19.64%	21.98%	2.48%	-29.27%
ILF iShares S&P 40 Latin America Latin America Stock 13 4.76% 11.51% 17.31% 17.26% 1.52% 30.35% PSQ ProShares Short QQQ Inverse Equities 13 6.88% 12.15% 14.06% 17.64% 8.24% 77.709% GUNR FlexShares Global Upstream Natural Resources Commodity Producers 13 5.49% 10.06% 18.49% 16.36% 17.50% 0.00% PPLT ETFS Physical Platinum Shares Precious Metals 11 5.46% 11.92% 15.86% 12.38% 5.98% -15.41% EFZ ProSharesShort MSCI EAFE Inverse Equities 11 9.97% 12.83% 10.34% 12.26% 9.99% 44.07% EZA iShares South Africa Index Emerging Markets Equi 10 3.22% 7.45% 15.85% 14.03% 9.79% 30.36% GLD SPDR Gold Shares Precious Metals 10 9.23% 9.54% 10.85% 9.03% 10.25% 3.368% IAU iShares Gold Trust Precious Metals 10 9.33% 9.58% 10.96% 9.08% 10.33% 3.68% IAU iShares DB Agriculture Fd Agriculture Commoditie 9 3.52% 10.51% 10.28% 10.23% 12.05% 11.89% 0.00% GLD SPDR S&P Global Natural Resources Commodity Producers 8 2.16% 5.39% 12.53% 12.05% 11.98% 0.00% GLD SPDR S&P Global Natural Resources Commodity Producers 8 2.16% 5.39% 12.53% 12.05% 11.98% 0.00% GLD SPDR S&P Global Natural Resources Commodity Producers 8 2.16% 5.39% 12.53% 12.05% 11.98% 0.00% GLD SPDR S&P Global Natural Resources Commodity Producers 8 2.16% 5.39% 12.53% 12.05% 11.98% 0.00% GLD SPDR S&P Global Natural Resources Commodity Producers 7 5.51% 7.80% 6.82% 8.27% 3.55% 6.16% Global X Silver Miners Commodity Producers 7 13.00% 6.55% 5.72% 3.35% -1.29% -2.96% TEF ProShares Short 20+Year Treasury Inverse Bonds 6 0.63% 6.08% 9.34% 9.07% 6.11% -2.867% Global X Silver Miners Commodity Producers 5 1.24% 5.63% 4.81% 9.63% 6.33% 6.375% Global X Silver Miners Commodity Producers 5 1.24% 5.63% 4.81% 9.63% 6.33% 6.375% Global X Silver Miners	SLV	iShares Silver Trust	Precious Metals	13	12.09%	12.56%	15.49%	11.62%	8.11%	-11.07%
PSQ ProShares Short QQQ Inverse Equities 13 6.88% 12.15% 14.06% 17.64% 8.24% -77.09% GUNR FlexShares Global Upstream Natural Resources Commodity Producers 13 5.49% 10.06% 18.49% 16.36% 17.50% 0.00% PPLT ETFS Physical Platinum Shares Precious Metals 11 5.46% 11.92% 15.86% 12.38% 5.98% -15.41% EFZ ProSharesShort MSCI EAFE Inverse Equities 11 9.97% 12.83% 10.34% 12.26% 9.99% -44.07% EZA iShares South Africa Index Emerging Markets Equi 10 3.22% 7.45% 15.85% 14.03 9.79 -30.36% GLD SPDR Gold Shares Precious Metals 10 9.29% 9.54% 10.85% 9.03 10.25% -3.86% IAU iShares Gold Trust Precious Metals 10 9.33% 9.58% 10.96% 9.08 10.33% -3.68% DBA PowerShares DB Agriculture Fd <	TBT	ProShares UltraShort Lehman 20 Yr Treas	Leveraged Bonds	13	1.12%	12.28%	19.27%	18.00%	11.86%	-53.28%
GUNR FlexShares Global Upstream Natural Resources Commodity Producers 13 5.49% 10.06% 18.49% 16.36% 17.50% 0.00% PPLT ETFS Physical Platinum Shares Precious Metals 11 5.46% 11.92% 15.86% 12.38% 5.98% -15.41% EFZ ProSharesShort MSCI EAFE Inverse Equities 11 9.97% 12.83% 10.34% 12.26% 9.99% 44.07% EZA iShares South Africa Index Emerging Markets Equi 10 3.22% 7.45% 15.85% 14.03% 9.79% -30.36% GLD SPDR Gold Shares Precious Metals 10 9.29% 9.54% 10.85% 9.03% 10.25% -3.86% IAU iShares Gold Trust Precious Metals 10 9.33% 9.58% 10.96% 9.08% 10.33 -3.68% DBA PowerShares DB Agriculture Fd Agriculture Commoditie 9 3.52% 10.51% 10.28% 10.28% 10.28% 12.06% -51.8% ECH iSh	ILF	iShares S&P 40 Latin America	Latin America Stock	13	4.76%	11.51%	17.31%	17.26%	1.52%	-30.35%
PPLT ETFS Physical Platinum Shares Precious Metals 11 5.46% 11.92% 15.86% 12.38% 5.98% -15.41% EFZ ProSharesShort MSCI EAFE Inverse Equities 11 9.97% 12.83% 10.34% 12.26% 9.99% -44.07% EZA iShares South Africa Index Emerging Markets Equi 10 3.22% 7.45% 15.85% 14.03% 9.79% -30.36% GLD SPDR Gold Shares Precious Metals 10 9.29% 9.54% 10.85% 9.03% 10.25% -3.86% IAU iShares Gold Trust Precious Metals 10 9.33% 9.58% 10.96% 9.08% 10.33% -3.68% DBA PowerShares DB Agriculture Fd Agriculture Commoditie 9 3.52% 10.51% 10.28% 10.23% 12.06% -5.18% ECH iShares Chile Index Latin America 8 1.63% 6.57% 9.90% 15.89% 1.84% -52.36% GNR SPDR S&P Global Natural Resources Commodit	PSQ	ProShares Short QQQ	Inverse Equities	13	6.88%	12.15%	14.06%	17.64%	8.24%	-77.09%
EFZ ProSharesShort MSCI EAFE Inverse Equities 11 9.97% 12.83% 10.34% 12.26% 9.99% -44.07% EZA iShares South Africa Index Emerging Markets Equi 10 3.22% 7.45% 15.85% 14.03% 9.79% -30.36% GLD SPDR Gold Shares Precious Metals 10 9.29% 9.54% 10.85% 9.03% 10.25% -3.86% IAU iShares Gold Trust Precious Metals 10 9.33% 9.58% 10.96% 9.08% 10.33% -3.68% DBA PowerShares DB Agriculture Fd Agriculture Commoditie 9 3.52% 10.51% 10.28% 10.23% 12.06% -5.18% ECH iShares Chile Index Latin America 8 1.63% 6.57% 9.90% 15.89% 11.98% -50.36% GNR SPDR S&P Global Natural Resources Commodity Producers 8 2.16% 5.39% 12.53% 12.05% 11.98% 0.00% SH Short S&P 500 ProShares ETF Inverse Eq	GUNR	FlexShares Global Upstream Natural Resources	Commodity Producers	13	5.49%	10.06%	18.49%	16.36%	17.50%	0.00%
EZA iShares South Africa Index Emerging Markets Equi 10 3.22% 7.45% 15.85% 14.03% 9.79% -30.36% GLD SPDR Gold Shares Precious Metals 10 9.29% 9.54% 10.85% 9.03% 10.25% -3.86% IAU iShares Gold Trust Precious Metals 10 9.33% 9.58% 10.96% 9.08% 10.33% -3.68% DBA PowerShares DB Agriculture Fd Agriculture Commoditie 9 3.52% 10.51% 10.28% 10.23% 12.06% -51.8% ECH iShares Chile Index Latin America 8 1.63% 6.57% 9.90% 15.89% 1.84% -52.36% GNR SPDR S&P Global Natural Resources Commodity Producers 8 2.16% 5.39% 12.53% 12.05% 11.98% 0.00% SH Short S&P 500 ProShares ETF Inverse Equities 8 4.88% 8.12% 7.97% 10.43% 3.00% -63.89% DOG ProShares Short Dow 30 Bear Market	PPLT	ETFS Physical Platinum Shares	Precious Metals	11	5.46%	11.92%	15.86%	12.38%	5.98%	-15.41%
GLD SPDR Gold Shares Precious Metals 10 9.29% 9.54% 10.85% 9.03% 10.25% -3.86% IAU iShares Gold Trust Precious Metals 10 9.33% 9.58% 10.96% 9.08% 10.33% -3.68% DBA PowerShares DB Agriculture Fd Agriculture Commoditie 9 3.52% 10.51% 10.28% 10.23% 12.06% -5.18% ECH iShares Chile Index Latin America 8 1.63% 6.57% 9.90% 15.89% 1.84% -52.36% GNR SPDR S&P Global Natural Resources Commodity Producers 8 2.16% 5.39% 12.53% 12.05% 11.98% 0.00% SH Short S&P 500 ProShares ETF Inverse Equities 8 4.88% 8.12% 7.97% 10.43% 3.00% -63.89% DOG ProShares Short Dow 30 Bear Market 7 5.51% 7.80% 6.82% 8.27% 3.54% -61.66% SIL Global X Silver Miners Commodity Producers	EFZ	ProSharesShort MSCI EAFE	Inverse Equities	11	9.97%	12.83%	10.34%	12.26%	9.99%	-44.07%
IAU iShares Gold Trust Precious Metals 10 9.33% 9.58% 10.96% 9.08% 10.33% -3.68% DBA PowerShares DB Agriculture Fd Agriculture Commoditie 9 3.52% 10.51% 10.28% 10.23% 12.06% -5.18% ECH iShares Chile Index Latin America 8 1.63% 6.57% 9.90% 15.89% 1.84% -52.36% GNR SPDR S&P Global Natural Resources Commodity Producers 8 2.16% 5.39% 12.53% 12.05% 11.98% 0.00% SH Short S&P 500 ProShares ETF Inverse Equities 8 4.88% 8.12% 7.97% 10.43% 3.00% -63.89% DOG ProShares Short Dow 30 Bear Market 7 5.51% 7.80% 6.82% 8.27% 3.54% -61.66% SIL Global X Silver Miners Commodity Producers 7 13.00% 6.55% 5.72% 3.35% -1.29% -29.26% TBF ProShares Short 20+Year Treasury Inverse Equit	EZA	iShares South Africa Index	Emerging Markets Equi	10	3.22%	7.45%	15.85%	14.03%	9.79%	-30.36%
DBA PowerShares DB Agriculture Fd Agriculture Commoditie 9 3.52% 10.51% 10.28% 12.06% -5.18% ECH iShares Chile Index Latin America 8 1.63% 6.57% 9.90% 15.89% 1.84% -52.36% GNR SPDR S&P Global Natural Resources Commodity Producers 8 2.16% 5.39% 12.53% 12.05% 11.98% 0.00% SH Short S&P 500 ProShares ETF Inverse Equities 8 4.88% 8.12% 7.97% 10.43% 3.00% -63.89% DOG ProShares Short Dow 30 Bear Market 7 5.51% 7.80% 6.82% 8.27% 3.54% -61.66% SIL Global X Silver Miners Commodity Producers 7 13.00% 6.55% 5.72% 3.35% -1.29% -29.26% TBF ProShares Short 20+Year Treasury Inverse Equities 5 1.24% 5.63% 4.81% 9.63% 6.33% -63.75% MOO VanEck Vectors Agribusiness Commodity Producers	GLD	SPDR Gold Shares	Precious Metals	10	9.29%	9.54%	10.85%	9.03%	10.25%	-3.86%
ECH iShares Chile Index Latin America 8 1.63% 6.57% 9.90% 15.89% 1.84% -52.36% GNR SPDR S&P Global Natural Resources Commodity Producers 8 2.16% 5.39% 12.53% 12.05% 11.98% 0.00% SH Short S&P 500 ProShares ETF Inverse Equities 8 4.88% 8.12% 7.97% 10.43% 3.00% -63.89% DOG ProShares Short Dow 30 Bear Market 7 5.51% 7.80% 6.82% 8.27% 3.54% -61.66% SIL Global X Silver Miners Commodity Producers 7 13.00% 6.55% 5.72% 3.35% -1.29% -29.26% TBF ProShares Short 20+Year Treasury Inverse Bonds 6 0.63% 6.08% 9.34% 9.07% 6.11% -28.67% RWM ProShares Short Russell2000 Inverse Equities 5 1.24% 5.63% 4.81% 9.63% 6.33% -63.75% MOO VanEck Vectors Agribusiness Commodity Producers 4 2.31% 3.91% 5.48% 3.92% 6.13% 0.00% ITA iShares DJ US Aerospace&Defense Industrials Equities 4 1.77% 0.21% 9.08% 4.51% 1.72% -555.20% UUP PowerShares DB US Dollar Bullish Currency 3 2.97% 3.70% 2.49% 2.89% 4.22% -6.12%	IAU	iShares Gold Trust	Precious Metals	10	9.33%	9.58%	10.96%	9.08%	10.33%	-3.68%
GNR SPDR S&P Global Natural Resources Commodity Producers 8 2.16% 5.39% 12.53% 12.05% 11.98% 0.00% SH Short S&P 500 ProShares ETF Inverse Equities 8 4.88% 8.12% 7.97% 10.43% 3.00% -63.89% DOG ProShares Short Dow 30 Bear Market 7 5.51% 7.80% 6.82% 8.27% 3.54% -61.66% SIL Global X Silver Miners Commodity Producers 7 13.00% 6.55% 5.72% 3.35% -1.29% -29.26% TBF ProShares Short 20+Year Treasury Inverse Bonds 6 0.63% 6.08% 9.34% 9.07% 6.11% -28.67% RWM ProShares Short Russell2000 Inverse Equities 5 1.24% 5.63% 4.81% 9.63% 6.33% -63.75% MOO VanEck Vectors Agribusiness Commodity Producers 4 2.31% 3.91% 5.48% 3.92% 6.13% 0.00% ITA iShares DJ US Aerospace&Defense Indu	DBA	PowerShares DB Agriculture Fd	Agriculture Commoditie	9	3.52%	10.51%	10.28%	10.23%	12.06%	-5.18%
SH Short S&P 500 ProShares ETF Inverse Equities 8 4.88% 8.12% 7.97% 10.43% 3.00% -63.89% DOG ProShares Short Dow 30 Bear Market 7 5.51% 7.80% 6.82% 8.27% 3.54% -61.66% SIL Global X Silver Miners Commodity Producers 7 13.00% 6.55% 5.72% 3.35% -1.29% -29.26% TBF ProShares Short 20+Year Treasury Inverse Bonds 6 0.63% 6.08% 9.34% 9.07% 6.11% -28.67% RWM ProShares Short Russell2000 Inverse Equities 5 1.24% 5.63% 4.81% 9.63% 6.33% -63.75% MOO VanEck Vectors Agribusiness Commodity Producers 4 2.31% 3.91% 5.48% 3.92% 6.13% 0.00% ITA iShares DJ US Aerospace&Defense Industrials Equities 4 1.77% 0.21% 9.08% 4.51% 1.72% -55.20% UUP PowerShares DB US Dollar Bullish Curre	ECH	iShares Chile Index	Latin America	8	1.63%	6.57%	9.90%	15.89%	1.84%	-52.36%
DOG ProShares Short Dow 30 Bear Market 7 5.51% 7.80% 6.82% 8.27% 3.54% -61.66% SIL Global X Silver Miners Commodity Producers 7 13.00% 6.55% 5.72% 3.35% -1.29% -29.26% TBF ProShares Short 20+Year Treasury Inverse Bonds 6 0.63% 6.08% 9.34% 9.07% 6.11% -28.67% RWM ProShares Short Russell2000 Inverse Equities 5 1.24% 5.63% 4.81% 9.63% 6.33% -63.75% MOO VanEck Vectors Agribusiness Commodity Producers 4 2.31% 3.91% 5.48% 3.92% 6.13% 0.00% ITA iShares DJ US Aerospace&Defense Industrials Equities 4 1.77% 0.21% 9.08% 4.51% 1.72% -55.20% UUP PowerShares DB US Dollar Bullish Currency 3 2.97% 3.70% 2.49% 2.89% 4.22% -6.12%	GNR	SPDR S&P Global Natural Resources	Commodity Producers	8	2.16%	5.39%	12.53%	12.05%	11.98%	0.00%
SIL Global X Silver Miners Commodity Producers 7 13.00% 6.55% 5.72% 3.35% -1.29% -29.26% TBF ProShares Short 20+Year Treasury Inverse Bonds 6 0.63% 6.08% 9.34% 9.07% 6.11% -28.67% RWM ProShares Short Russell2000 Inverse Equities 5 1.24% 5.63% 4.81% 9.63% 6.33% -63.75% MOO VanEck Vectors Agribusiness Commodity Producers 4 2.31% 3.91% 5.48% 3.92% 6.13% 0.00% ITA iShares DJ US Aerospace&Defense Industrials Equities 4 1.77% 0.21% 9.08% 4.51% 1.72% -55.20% UUP PowerShares DB US Dollar Bullish Currency 3 2.97% 3.70% 2.49% 2.89% 4.22% -6.12%	SH	Short S&P 500 ProShares ETF	Inverse Equities	8	4.88%	8.12%	7.97%	10.43%	3.00%	-63.89%
TBF ProShares Short 20+Year Treasury Inverse Bonds 6 0.63% 6.08% 9.34% 9.07% 6.11% -28.67% RWM ProShares Short Russell2000 Inverse Equities 5 1.24% 5.63% 4.81% 9.63% 6.33% -63.75% MOO VanEck Vectors Agribusiness Commodity Producers 4 2.31% 3.91% 5.48% 3.92% 6.13% 0.00% ITA iShares DJ US Aerospace&Defense Industrials Equities 4 1.77% 0.21% 9.08% 4.51% 1.72% -55.20% UUP PowerShares DB US Dollar Bullish Currency 3 2.97% 3.70% 2.49% 2.89% 4.22% -6.12%	DOG	ProShares Short Dow 30	Bear Market	7	5.51%	7.80%	6.82%	8.27%	3.54%	-61.66%
RWM ProShares Short Russell2000 Inverse Equities 5 1.24% 5.63% 4.81% 9.63% 6.33% -63.75% MOO VanEck Vectors Agribusiness Commodity Producers 4 2.31% 3.91% 5.48% 3.92% 6.13% 0.00% ITA iShares DJ US Aerospace&Defense Industrials Equities 4 1.77% 0.21% 9.08% 4.51% 1.72% -55.20% UUP PowerShares DB US Dollar Bullish Currency 3 2.97% 3.70% 2.49% 2.89% 4.22% -6.12%	SIL	Global X Silver Miners	Commodity Producers	7	13.00%	6.55%	5.72%	3.35%	-1.29%	-29.26%
MOO VanEck Vectors Agribusiness Commodity Producers 4 2.31% 3.91% 5.48% 3.92% 6.13% 0.00% ITA iShares DJ US Aerospace&Defense Industrials Equities 4 1.77% 0.21% 9.08% 4.51% 1.72% -55.20% UUP PowerShares DB US Dollar Bullish Currency 3 2.97% 3.70% 2.49% 2.89% 4.22% -6.12%	TBF	ProShares Short 20+Year Treasury	Inverse Bonds	6	0.63%	6.08%	9.34%	9.07%	6.11%	-28.67%
ITA iShares DJ US Aerospace&Defense Industrials Equities 4 1.77% 0.21% 9.08% 4.51% 1.72% -55.20% UUP PowerShares DB US Dollar Bullish Currency 3 2.97% 3.70% 2.49% 2.89% 4.22% -6.12%	RWM	ProShares Short Russell2000	Inverse Equities	5	1.24%	5.63%	4.81%	9.63%	6.33%	-63.75%
UUP PowerShares DB US Dollar Bullish Currency 3 2.97% 3.70% 2.49% 2.89% 4.22% -6.12%	MOO	VanEck Vectors Agribusiness	Commodity Producers	4	2.31%	3.91%	5.48%	3.92%	6.13%	0.00%
·	ITA	iShares DJ US Aerospace&Defense	Industrials Equities	4	1.77%	0.21%	9.08%	4.51%	1.72%	-55.20%
HDV iShares Core High Dividend Large Cap Value Equiti 3 1.46% 1.45% 4.63% 3.54% 5.84% -1.36%	UUP	PowerShares DB US Dollar Bullish	Currency	3	2.97%	3.70%	2.49%	2.89%	4.22%	-6.12%
	HDV	iShares Core High Dividend	Large Cap Value Equiti	3	1.46%	1.45%	4.63%	3.54%	5.84%	-1.36%
HDGE Ranger Equity Bear Inverse Equities 3 2.83% 5.22% 0.39% 4.58% 4.13% -77.03%	HDGE	Ranger Equity Bear	Inverse Equities	3	2.83%	5.22%	0.39%	4.58%	4.13%	-77.03%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD %	%М/A	DD%
EWM	iShares Malaysia Index	Emerging Markets Equi	2	0.16%	-0.24%	6.02%	0.68%	-0.46%	-30.90%
DHS	Wisdom Tree High-Yield Equity	Large Cap Value	2	0.60%	0.05%	4.39%	3.74%	6.07%	-1.25%
EWC	iShares Canada Index	Foreign Large Cap Equ	1	-0.51%	-0.79%	4.11%	0.75%	2.19%	-3.20%
FDL	1st Trust Morningstar Div. Lead's	Large Cap Value	1	0.83%	-0.57%	3.05%	2.64%	6.05%	-1.32%
VTIP	Vanguard Short-Term Inflation-Protected Securities	Inflation-Protected Bon	1	2.65%	1.58%	-0.38%	1.05%	-0.04%	-1.63%
XLU	Utilities Select Sector *	Utilities Equities	1	5.49%	1.13%	-0.58%	-1.27%	4.96%	-1.59%
FXU	1st Trust Utilities AlphaDEX	Utilities Equities	1	4.15%	0.06%	0.03%	-1.04%	3.73%	-1.04%
IDU	Dow Jones US Utilities	Utilities Equities	1	5.24%	0.35%	-0.80%	-2.27%	3.94%	-51.19%
SCHP	Schwab U.S. TIPs	Inflation-Protected Bon	1	3.85%	1.02%	-0.81%	-1.02%	-0.47%	-2.57%
IYM	Dow Jones US Basic Mat's	Materials	1	2.80%	-1.27%	3.25%	-0.45%	4.68%	-1.68%
EWA	iShares Australia Index	Asia Pacific Equities	1	3.10%	-0.96%	1.27%	-0.77%	-2.60%	-10.01%
VPU	Vanguard Utilities VIPERS	Utilities Equities	1	5.49%	0.87%	0.01%	-1.59%	4.65%	-1.59%
TIP	iShares TIPS Bond Fd	Inflation-Protected Bon	1	3.78%	0.89%	-0.23%	-1.24%	-0.34%	-2.49%
PEY	PowerShares Hi Yields Div. Achiev's	Mid-Cap Value	0	0.05%	-2.79%	2.31%	1.04%	2.96%	-3.54%
BSJI	Guggenheim BulletShares High Yield Corp Bond	High Yield Bonds	0	0.00%	0.00%	0.00%	0.00%	0.00%	-100.00%
DVY	iShares Select Dividend Index	Large Cap Value	0	-0.74%	-2.58%	2.59%	1.15%	3.67%	-2.91%
FTSM	First Trust Enhanced Short Maturity	Total Bond Market	0	-0.18%	-0.37%	-0.42%	-0.38%	-0.50%	-1.08%
SPHD	PowerShares S&P 500 HiDivLowVol	Large Cap Value	0	0.60%	-2.09%	1.21%	0.15%	2.63%	-2.45%
FLOT	iShares Floating Rate Bond	Corporate Bonds	0	-0.37%	-0.36%	-0.24%	-0.43%	-0.47%	-1.14%
FXG	1st Trust Consumer Staples	Consumer Staples Equi	-1	-1.32%	-3.65%	0.34%	-1.05%	3.92%	-4.13%
SCHO	Schwab Short-Term U.S. Treasury	Government Bonds	-1	0.00%	-1.30%	-1.71%	-1.59%	-1.80%	-3.27%
THD	iShares Thailand Capped Invest Mrkt ldx	Emerging Markets Equi	-1	-4.13%	-0.47%	1.33%	0.09%	-0.49%	-25.09%
IHF	iShares DJ US Healthcare Provid's	Health & Biotech Equiti	-1	0.33%	1.03%	-2.08%	-4.80%	2.36%	-5.26%
SHY	iShares Lehman 1-3 Year Treasury	Government Bonds	-1	0.01%	-1.27%	-1.67%	-1.57%	-1.78%	-3.00%
SDOG	ALPS Sector Dividend Dogs	Large Cap Value Equiti	-1	-0.92%	-3.33%	1.22%	0.88%	1.85%	-3.91%
EWW	iShares Mexico Index	Latin America Stock	-1	-1.05%	-4.04%	2.69%	-2.73%	0.63%	-14.58%
RPV	Guggenheim S&P 500 Pure Value	Large Value	-1	-3.40%	-4.52%	2.64%	1.46%	3.55%	-5.09%
FXY	CurrencyShares Japanese Yen Trust	Currency	-1	0.00%	-1.73%	-2.19%	-0.87%	-3.37%	-16.45%
JXI	iShares S&P Global Utilities	Utilities Equities	-1	1.69%	-1.56%	-1.25%	-3.42%	0.96%	-3.42%
VGSH	Vanguard Short-Term Government	Government Bonds	-1	0.02%	-1.29%	-1.96%	-1.58%	-1.98%	-3.96%
IJS	S&P SmallCap 600/BARRA Value	Small Value	-1	1.26%	-4.05%	0.69%	-2.75%	-1.20%	-41.34%
BSV	Vanguard Short Term Bond	Total Bond Market	-2	-0.28%	-1.98%	-2.86%	-2.44%	-3.03%	-5.33%
IEI	iShares Lehman 3-7 Yr. Tresury	Government Bonds	-2	0.25%	-2.08%	-3.21%	-2.90%	-3.37%	-6.83%
XPH	SPDR Pharmaceuticals	Health & Biotech Equiti	-2	-0.93%	-0.36%	-2.29%	-4.88%	-7.92%	-21.62%
FLTB	Fidelity Limited Term Bond	Corporate Bonds	-2	-0.91%	-2.58%	-3.11%	-3.05%	-3.33%	-5.05%
SCHR	Schwab Intermediate-Term U.S. Treasury	Government Bonds	-2	0.37%	-2.12%	-3.56%	-3.12%	-3.49%	-7.75%
GVI	iShares Lehman Interm. Govt/Credit	Total Bond Market	-2	-0.35%	-2.62%	-3.61%	-3.20%	-3.72%	-6.96%
VGIT	Vanguard Intermediate-Term Gov Bonds	Government Bonds	-2	0.30%	-2.19%	-4.10%	-3.11%	-3.94%	-9.10%
REZ	iShares Residential Real Estate Capped	Specialty-Real Estate	-2	2.19%	-3.01%	-1.21%	-5.26%	3.06%	-5.26%
IWN	Russell 2000 Value	Small Value	-2	0.70%	-4.21%	-0.66%	-4.47%	-2.58%	-10.32%
SDY	SPDR Dividend ETF	Large Value	-3	-0.35%	-4.72%	-2.64%	-3.61%	0.22%	-4.81%
EPP	Of DIVIDIVIDATION ETT	•							
	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	-3	-2.92%	-3.93%	-1.99%	-3.29%	-6.87%	-14.42%
FXB		-	-3 -3	-2.92% -3.50%	-3.93% -4.60%		-3.29% -3.24%	-6.87% -4.10%	-14.42% -13.47%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD %N	/I/A	DD%
MUB	iShares S&P National Muni Bond	National Munis	-3	-0.92%	-3.18%	-3.99%	-3.90% -3	3.69%	-5.25%
HYS	PIMCO 0-5 Year High Yield Corp Bond	High Yield Bonds	-3	-1.20%	-3.44%	-3.65%	-4.12% -3	3.65%	-6.77%
VYM	Vanguard High Div. Yield Index	Large Cap Value	-3	-2.83%	-5.09%	-2.43%	-2.77%).74%	-5.23%
BKLN	PowerShares Exchange-Traded Fund Trust	High Yield Bonds	-3	-2.32%	-3.03%	-2.59%	-2.94% -2	2.82%	-8.41%
IDV	iShares International Select Dividend	Foreign Large Cap Equ	-3	-6.92%	-5.84%	0.88%	-0.77% -2	2.68%	-13.77%
PJP	Dynamic Pharmaceuticals	Health & Biotech Equiti	-3	-0.61%	-2.51%	-3.26%	-5.76% -3	3.57%	-8.07%
DON	Wisdom Tree MidCap Div.	Mid-Cap Value	-3	-1.99%	-4.92%	-1.24%	-3.27% -0).18%	-57.71%
IEF	iShares Lehman 7-10 Yr Treasury	Government Bonds	-3	0.54%	-2.44%	-4.46%	-3.83% -3	3.84%	-10.13%
SHYG	iShares 0-5 Year High Yield Corporate Bond	High Yield Bonds	-3	-1.25%	-3.50%	-3.35%	-3.89% -3	3.95%	-9.35%
DES	Wisdom Tree SmallCap Div.	Small Cap Value	-3	0.06%	-5.23%	-1.13%	-4.05% -1	1.26%	-63.09%
IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	-3	-1.70%	-5.69%	-0.82%	-4.23% -1	1.02%	-38.74%
TOTL	SPDR DoubleLine Total Return Tactical	Total Bond Market	-3	-1.09%	-3.55%	-5.03%	-4.27% -5	5.01%	-9.99%
VCSH	Vanguard Short-Term Corporate Bond	Corporate Bonds	-3	-1.08%	-2.89%	-3.68%	-3.37% -3	3.90%	-5.68%
VBR	Vanguard SmallCap Value	Small Cap Value	-3	-1.79%	-5.38%	-1.58%	-4.39% -1	1.91%	-7.93%
VTV	Vanguard Value	Large Cap Value	-3	-2.86%	-4.86%	-2.37%	-2.98%).54%	-5.06%
PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	-4	-3.45%	-5.82%	-2.63%	-3.98% -0	0.26%	-6.05%
FNDX	Schwab Fundamental U.S. Large Company Index	Large Cap Value Equiti	-4	-3.43%	-5.61%	-2.03%	-3.82%	0.02%	-5.89%
RHS	Guggenheim S&P 500 = Wt. Consum Staples	Consumer Staples	-4	-3.15%	-6.05%	-3.68%	-4.34%	0.03%	-6.54%
IYK	Dow Jones US Cons. Goods	Consumer Staples Equi	-4	-4.54%	-5.75%	-2.67%	-4.31%).97%	-6.41%
IJR	S&P Sm.Cap 600	Small Blend	-4	-0.21%	-5.75%	-2.78%	-7.02% -4	1.15%	-11.51%
AGG	iShares Lehman Aggregate Bond	Intermediate-Term Bon	-4	-0.87%	-3.87%	-5.19%	-4.95% -5	5.06%	-9.36%
BIV	Vanguard Intermed. Term Bond	Intermediate-Term Bon	-4	-0.52%	-3.58%	-6.33%	-4.77% -5	5.85%	-11.58%
BND	Vanguard Total Bond Market	Intermediate-Term Bon	-4	-0.95%	-3.99%	-5.62%	-5.10% -5	5.36%	-10.11%
BNDX	Vanguard Total International Bond	Total Bond Market	-4	-0.62%	-3.59%	-7.53%	-4.04% -6	5.28%	-10.62%
BOND	PIMCO Total Return Active Exchange-Traded	Total Bond Market	-4	-1.88%	-4.48%	-5.93%	-5.60% -5	5.83%	-8.75%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	-4	-3.41%	-6.07%	-2.97%	-4.65% -1	1.08%	-6.07%
IWD	Russell 1000 Value	Large Value	-4	-3.53%	-5.90%	-3.21%	-4.85% -1	1.60%	-6.29%
IHE	iShares DJ US Pharmaceuticals	Health & Biotech Equiti	-4	-1.16%	-3.17%	-5.62%	-6.33% -1	1.66%	-6.64%
RWR	Wilshire REIT Fund	Real Estate	-4	1.13%	-5.10%	-4.37%	-7.44%	0.68%	-7.44%
DWX	SPDR S&P International Dividend	Foreign Large Cap Equ	-4	-4.31%	-5.57%	-2.47%	-3.58% -4	1.41%	-12.63%
IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	-4	-1.79%	-5.77%	-2.75%	-4.29% -1	1.83%	-7.71%
SJNK	SPDR Barclays Short Term High Yield Bond	High Yield Bonds	-4	-1.78%	-4.10%	-4.24%	-4.35% -4	1.40%	-7.71%
SCHZ	Schwab US Aggregate Bond	Total Bond Market	-4	-0.85%	-3.80%	-5.34%	-5.05% -5	5.19%	-10.08%
IVE	S&P 500/BARRA Value	Large Value	-4	-3.55%	-5.79%	-2.86%	-4.51% -1	1.07%	-5.97%
FV	First Trust VL Dividend	Large Cap Value Equiti	-4	-2.33%	-5.18%	-1.95%	-4.72% -2	2.05%	-9.06%
FXE	CurrencyShares Euro Currency Trust	Currency	-4	-4.13%	-4.34%	-3.42%	-3.74% -5	5.51%	-15.50%
IXJ	S&P Global Healthcare	Health & Biotech Equiti	-5	-2.11%	-4.01%	-7.09%	-8.65% -3	3.67%	-32.94%
HYG	iShares Lehman Hi-Yield Corp.	High Yield Bond	-5	-1.72%	-5.40%	-5.70%	-6.31% -5	5.84%	-8.37%
FPE	First Trust Preferred Securities and Income	Preferred Stock	-5	-2.27%	-6.46%	-6.46%	-6.69% -6	6.69%	-8.63%
ICF	Cohen & Steers Realty	Real Estate	-5	0.77%	-5.30%	-6.75%	-10.59% -1	1.57%	-46.00%
IYH	Dow Jones US Healthcare	Specialty-Health	-5	-1.94%	-3.69%	-7.36%	-9.01% -3	3.39%	-9.47%
IFGL	iShares FTSE EPRA/NAREIT Global Real Estate	Global Real Estate	-5	-3.64%	-5.81%	-4.96%	-7.23% -8	3.28%	-16.62%
KIE	SPDR S&P Insurance	Specialty-Financial	-5	-5.78%	-6.42%	-3.25%	-4.26% -2	2.11%	-58.81%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equi	-5	-4.83%	-7.16%	-4.01%	-5.71% -4	1.56%	-10.51%
KIE	SPDR S&P Insurance	Specialty-Financial	-5	-5.78%	-6.42%	-3.25%	-4.26% -2	2.11%	

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD 9	/ ₆ Μ/Α	DD%
IWS	Russell MidCap Value	Mid-Cap Value	-5	-3.27%	-6.39%	-3.49%	-6.32%	-2.38%	-7.23%
JNK	Barclays Cap. High Yield Bond	High Yield Bond	-5	-1.95%	-5.63%	-6.12%	-6.47%	-6.06%	-68.74%
KRE	SPDR S&P Region.Banking	Specialty-Financial	-5	-6.43%	-10.36%	-0.07%	-1.20%	1.15%	-11.14%
SCHV	Schwab U.S. Large-Cap Value	Large Cap Value Equiti	-5	-3.87%	-6.83%	-4.44%	-6.04%	-2.18%	-7.27%
VDC	Vanguard Consumer Staples	Consumer Staples Equi	-5	-3.89%	-6.11%	-4.44%	-6.31%	-0.84%	-6.79%
VCIT	Vanguard Intermediate-Term Corporate Bond	Corporate Bonds	-5	-1.93%	-5.34%	-7.49%	-6.52%	-7.21%	-10.76%
VAW	Vanguard Materials VIPERS	Materials	-5	-2.02%	-6.61%	-4.86%	-7.41%	-1.56%	-7.59%
VNQ	Vanguard REIT Index	Real Estate	-5	0.27%	-5.40%	-6.60%	-9.92%	-2.22%	-9.92%
TLH	iShares Lehman 10-20 Yr Treasury	Government Bonds	-5	-0.58%	-4.74%	-7.55%	-7.05%	-6.46%	-19.96%
DEM	WisdomTree Emerg. Mkts Hi-Yld E.	Emerging Mkts Equities	-5	-10.25%	-6.36%	-2.83%	-2.38%	-5.18%	-15.89%
SPLV	PowerShares S&P 500 Low Volat.	Large Cap Blend	-5	-0.76%	-4.83%	-5.47%	-7.17%	-0.27%	-7.17%
VRP	PowerShares Variable Rate Preferred Portfolio	Preferred Stock	-5	-2.01%	-5.73%	-5.58%	-6.02%	-6.14%	-7.97%
EPHE	iShares MSCI Philippines	Emerging Markets Equi	-5	-6.17%	-5.03%	-6.06%	-3.92%	-2.38%	-24.73%
SCHH	Schwab U.S. REIT	Real Estate	-5	1.01%	-4.84%	-5.14%	-9.24%	-0.88%	-9.24%
SCHD	Schwab US Dividend Equity	All Cap Equities	-5	-2.91%	-6.92%	-4.31%	-5.81%	-1.67%	-7.09%
XLI	Industrial Select Sector *	Industrial Equities	-5	-2.15%	-7.29%	-5.27%	-6.69%	-3.97%	-7.83%
RWO	SPDR DJ Wilshire Global Real Estate	Global Real Estate	-5	-0.21%	-5.00%	-5.28%	-7.62%	-2.50%	-7.66%
ACWV	iShares Edge MSCI Min Vol Global	Global Equities	-5	-2.27%	-4.84%	-6.16%	-7.06%	-3.97%	-7.06%
XMLV	PowerShares S&P MidCap Low Volatility Portfolio	Mid Cap Blend Equities	-5	-0.92%	-6.54%	-6.00%	-8.35%	-2.53%	-8.47%
PZA	Pshares Insured National Munis	National Munis	-5	-2.19%	-4.85%	-5.87%	-5.94%	-5.37%	-7.34%
PHB	PowerShares High Yield Corp Bond	High Yield Bonds	-5	-1.61%	-5.09%	-5.58%	-5.87%	-5.42%	-7.07%
XLV	Health Care Select SPDR *	Health & Biotech Equiti	-5	-1.64%	-3.27%	-6.47%	-7.79%	-1.43%	-8.18%
VHT	Vanguard Health Care	Health & Biotech Equiti	-6	-2.18%	-3.75%	-7.14%	-9.18%	-4.26%	-9.55%
VB	Vanguard SmallCap	Small Cap Blend	-6	-3.21%	-6.89%	-6.12%	-9.31%	-7.39%	-14.38%
USMV	iShares Edge MSCI Min Vol USA	All Cap Equities	-6	-2.03%	-5.34%	-7.21%	-8.84%	-3.33%	-9.00%
VIS	Vanguard Industrials	industrials Equities	-6	-2.09%	-7.56%	-5.73%	-7.92%	-4.86%	-9.93%
NOBL	ProShares S&P 500 Dividend Aristocrats	Large Cap Value Equiti	-6	-2.93%	-7.18%	-6.82%	-7.54%	-2.78%	-8.02%
MDY	MidCap Trust Series I	Mid-Cap Blend	-6	-3.05%	-6.78%	-4.95%	-8.46%	-4.46%	-10.76%
IWM	Russell 2000	Small Blend	-6	-1.73%	-6.58%	-6.22%	-10.13%	-8.89%	-17.58%
XLP	Consumer Staples Select *	Consumer Staples	-6	-4.29%	-6.00%	-5.53%	-6.26%	-0.70%	-6.88%
BWX	SPDR Lehman Intl Treasury Bond	World Gov Bond	-6	-2.94%	-6.31%	-7.10%	-6.47%	-7.78%	-15.93%
IJH	S&P MidCap 400	Mid-Cap Blend	-6	-3.07%	-6.79%	-4.65%	-8.44%	-4.53%	-10.79%
EWU	iShares United Kingdom Index	Europe Stock	-6	-8.41%	-8.06%	-1.40%	-4.32%	-4.38%	-16.29%
KBE	SPDR S&P Bank	Specialty-Financial	-6	-7.65%	-11.33%	-1.72%	-2.42%	-1.15%	-11.87%
IYT	Dow Jones Transportation	Transportation Equities	-6	-4.02%	-6.59%	-4.21%	-8.03%	-2.57%	-9.17%
RWX	SPDR DJ Wil Intern. RE	Real Estate	-6	-3.34%	-5.71%	-8.07%	-8.12%	-9.55%	-24.12%
IYR	Dow Jones US Real Estate	Real Estate	-6	-0.39%	-6.01%	-6.93%	-10.70%	-3.11%	-10.70%
RSP	Guggenheim S&P Equal Weight	Large Blend	-6	-4.00%	-6.64%	-5.00%	-7.15%	-2.72%	-7.97%
DGRO	iShares Core Dividend Growth	Large Cap Value Equiti	-7	-4.56%	-7.66%	-6.42%	-7.65%	-2.51%	-8.44%
EWT	iShares Taiwan Index	Pacific Asia/excl. Japan	-7	-6.93%	-9.35%	-4.54%	-7.85%	-4.34%	-9.43%
FBT	1st Trust Biotechnolgy Index	Health & Biotech Equiti	-7	-4.32%	-5.25%	-9.33%	-10.93%	-11.33%	-21.95%
FEX	First Trust Large Cap Core AlphaDEX	Large Cap Blend Equity	-7	-4.63%	-6.80%	-6.93%	-8.70%	-4.51%	-9.38%
IJT	S&P SmallCap 600/BARRA Growth	Small Growth	-7	-1.92%	-7.65%	-6.33%	-11.44%	-6.80%	-41.21%

	ETF Name	Orientation	M-Index	4 WK	o wk	12 wk	YTD %M/A	DD%
PFF	iShares S&P Preferred Stock	Preferred Stock/Conver	-7	-1.93%	-8.42%	-8.39%	-9.76% -7.81%	-11.67%
LQD	iShares iBoxx \$ Liquid Invest. Gr.	Corporate Bonds	-7	-2.98%	-7.74%	-9.40%	-9.27% -9.10%	-13.60%
VLUE	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	-7	-5.30%	-10.69%	-4.18%	-6.71% -3.10%	-11.14%
TLT	iShares 20+ Treas. Bd	Government Bonds	-7	-1.30%	-6.81%	-9.84%	-9.27% -7.85%	-21.63%
VNQI	Vanguard Global ex-U.S. Real Estate	Global Real Estate	-7	-5.43%	-6.56%	-10.25%	-7.30% -11.48%	-23.23%
SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	-7	-3.03%	-7.30%	-6.31%	-10.19% -8.66%	-16.50%
XLB	Materials Select Sector *	Materials	-7	-3.35%	-7.93%	-7.11%	-8.99% -2.72%	-8.99%
FXH	1st Trust Health Care AlphaDEX	Health & Biotech Equiti	-7	-2.90%	-4.43%	-9.32%	-12.00% -7.90%	-14.71%
PKW	PowerShares Buyback Achievers	All Cap Equities	-7	-5.23%	-9.05%	-6.62%	-8.63% -5.11%	-10.13%
SCHM	Schwab U.S. Mid Cap	Mid Cap Blend Equities	-7	-4.72%	-7.53%	-6.42%	-9.72% -7.15%	-12.93%
DXJ	Wisdom Tree Japan Hedged Equity	Japan Stock	-7	-7.52%	-8.62%	-7.15%	-5.47% -5.09%	-9.31%
V00	Vanguard S&P 500	Large Cap Blend Equiti	-8	-5.33%	-8.42%	-8.79%	-10.40% -4.89%	-10.95%
VIG	Vanguard Div. Appreciation	Large Cap Value Equiti	-8	-4.44%	-7.71%	-8.82%	-9.82% -4.12%	-10.06%
BAB	PowerShares Build America Bond Portfolio	National Munis	-8	-4.23%	-8.21%	-9.95%	-9.41% -9.24%	-13.80%
CWB	SPDR Barclays Convertible Securities	Convertible Bonds	-8	-5.31%	-6.98%	-9.24%	-10.85% -11.74%	-19.78%
IWR	Russell MidCap Index Fs	Mid-Cap Blend	-8	-5.01%	-7.78%	-7.72%	-10.72% -7.33%	-66.93%
PGF	PowerShares Fin. Preferred Portf.	Specialty-Financial	-8	-1.52%	-9.51%	-9.75%	-10.52% -9.73%	-13.77%
PGX	PowerShares Preferred Portfolio	Preferred Stock/Conver	-8	-1.75%	-9.49%	-9.55%	-10.33% -9.43%	-13.06%
PIN	PowerShares India Portfolio	Emerging Markets Equi	-8	-5.02%	-11.38%	-9.93%	-7.40% -8.90%	-53.08%
IYZ	Down Jones US Telecom	Commun. Equities	-8	-4.26%	-9.97%	-8.31%	-11.12% -10.00%	-19.95%
SCHB	Schwab U.S. Broad Market	All Cap Equities	-8	-5.43%	-8.50%	-8.81%	-10.92% -6.30%	-11.47%
IWV	Russell 3000 Index	All Cap Equities	-8	-5.29%	-8.39%	-8.66%	-10.78% -6.11%	-11.29%
IVV	S&P 500	Large Blend	-8	-5.33%	-8.41%	-8.44%	-10.41% -4.83%	-10.94%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equ	-8	-10.48%	-10.74%	-4.58%	-5.79% -7.87%	-20.31%
DIA	SPDR Dow Jones Industrial Average	Large Cap Value	-8	-5.80%	-8.05%	-7.60%	-8.59% -5.26%	-9.72%
SPY	SPDR S&P 500	Large Cap Blend	-8	-5.31%	-8.41%	-8.78%	-10.42% -4.84%	-10.93%
IWB	Russell 1000 Index	Large Blend	-8	-5.55%	-8.52%	-8.82%	-10.84% -5.94%	-11.41%
FXO	1st Trust Financials AlphaDEX	Financial Equities	-8	-8.54%	-10.24%	-5.44%	-6.03% -4.54%	-10.53%
EWP	iShares Spain Index	Europe Stock	-8	-10.77%	-9.65%	-2.99%	-7.31% -10.60%	-32.81%
TUR	iShares Turkey Investment Index	Emerging Markets Equi	-8	-9.94%	-10.86%	-7.90%	-1.45% -12.81%	-61.14%
ITOT	iShares Core S&P Total U.S. Stock Market	All Cap Equities	-8	-5.40%	-8.49%	-8.71%	-10.90% -6.31%	-11.44%
INDY	iShares S&P India Nifty 50 Index Fund	Emerging Markets Equi	-8	-6.40%	-12.19%	-4.98%	-7.25% -10.39%	-18.26%
IJK	S&P MidCap 400/BARRA Growth	Mid-Cap Growth	-8	-4.36%	-7.84%	-8.43%	-12.44% -7.95%	-70.95%
EDV	Vanguard Extended Duration Treasury	Government Bonds	-9	-2.09%	-8.99%	-12.91%	-11.81% -10.23%	-30.77%
DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreigh Large Cap Equ	-9	-7.90%	-9.45%	-9.03%	-9.75% -7.49%	-11.27%
EWH	iShares Hong Kong Index	China Equities	-9	-12.34%	-8.92%	-7.70%	-7.50% -13.35%	-23.67%
GSLC	Goldman Sachs ActiveBeta U.S. Large CaP	Large Cap Blend Equiti	-9	-5.49%	-8.85%	-9.68%	-11.44% -5.88%	-11.88%
ACWI	iShares MSCI ACWI	Global Equities	-9	-7.31%	-9.85%	-9.29%	-10.99% -8.22%	-12.20%
BLV	Vanguard Long Term Bond	Long-Term Bond	-9	-3.07%	-8.94%	-11.84%	-11.01% -10.57%	-22.07%
IHI	iShares DJ US Medical Devices	Health & Biotech Equiti	-9	-5.35%	-7.78%	-10.19%	-13.24% -47.44%	-84.62%
ZROZ	PIMCO 25 Yr Zero Coupon US Treas Idx Exchg-Tr	Government Bonds	-9	-2.05%	-9.36%	-13.23%	-12.16% -9.97%	-29.59%
IYF	Dow Jones US Financial Sector	Specialty-Financial	-9	-9.65%	-11.05%	-6.84%	-6.74% -5.08%	-43.63%
SPHQ	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	-9	-7.18%	-9.95%	-9.78%	-10.34% -5.67%	-11.19%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	-9	-6.96%	-10.81%	-8.60%	-11.48% -12.16%	-17.81%

VFH Vanguard Financials Financials Equities 9 9.00 1.17 8.00 4.00 1.17.15 0.00 1.17.15 0.00 1.17.15 0.00 1.17.15 0.00 1.17.15 0.00 1.17.15 0.00 1.17.16 0.00 1.17.16 0.00 1.17.16 0.00 1.17.16 0.00 1.17.16 0.00 1.17.16 0.00 1.17.16 0.00 1.17.16 0.00 1.17.16 0.00 1.17.16 0.00 1.17.16 0.00 1.17.16 0.00 1.17.16 0.00 1.17.16 0.00 1.17.16 0.00 1.17.16 0.00	Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD %M/A	DD%
SCHW Schwab U.S. Large-Cap Large Cap Band Equil -9 -5.7% -6.6% -9.0% -1.09% -6.09% -4.15% -4.00% -4.00% -4.00% -9.0% -1.15% -9.0% -4.00%	VFH	Vanguard Financials	Financials Equities	-9	-9.80%	-11.37%	-6.89%	-6.98% -5.38%	-11.71%
No. Dow Jones US Industrial Industrial Equities 9 5,74% 10,78% 9,74% 11,90% 9,46% 18,00% 15,00% 11,04% 14,00% 10,00% 10,00% 11,04% 10,00% 10,00% 11,04% 12,04%	VO	Vanguard Mid-Cap	Mid-Cap Blend	-9	-5.55%	-7.94%	-9.00%	-11.52% -7.18%	-13.70%
VSS Vanguard FTSE Al-Wild ox US SmCP latx Foreign Small & Mid Ca -9 -6.74% -10.10% -10.29% -11.4% -16.64% IHDO WisdomTree International Hedged Dividend Growt Foreign Large Cap Equ -9 -5.83% -3.31% -961% -11.25% -3.31% -12.23% VTI Vanguard Large-Cap Al Cap Equities -9 -5.85% -4.76% -9.65% -1.76% -9.65% -1.76% -0.95% -1.24% -1.17% -1.174% -1.174% VV Vanguard Large-Cap Al Cap Equities -9 -5.85% -4.76% -9.62% -1.15% -1.11%	SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	-9	-5.67%	-8.65%	-9.06%	-10.99% -6.09%	-11.57%
HDG WisdomTrale International Hedged Dividend Grow Foreign Large Cap Equ -9 -7.0% -9.6% -9.6% -9.1% -1.02% -8.29% -1.22% -	IYJ	Dow Jones US Industrial	Industrial Equities	-9	-5.74%	-10.76%	-9.74%	-11.50% -9.49%	-48.30%
VT Vanguard Total World Stock Index Global Equities -9 -7.09% -9.69% -9.61% -10.75% -8.29% -11.25% -11	VSS	Vanguard FTSE All-Wld ex-US SmCP ldx	Foreign Small & Mid Ca	-9	-6.74%	-10.10%	-10.02%	-10.99% -11.14%	-16.04%
VTI Total Stock Market VPERs All Cap Equities -9 -5.47% -9.52% -9.14% -10.99% -6.42% -11.55% VV Vanguard LargeCap Large Cap Bellend -9 -5.60% -9.67% -9.50% -11.45% -6.17% -11.74% PXF PowerShares FTSE RAFI Developed Markets Foreign Large Cap Equ -9 -9.09% -8.65% -11.21% -11.84 -11.08 -11.72% -12.47% VWO Financial Select Sector* Financial Equities -9 -9.09% -8.65% -11.21% -11.84 -11.08% -11.48% -11.08% -11.18% -11.08 -11.08% -11.18% -11.08% -11.18% -11.08% -11.14% -11.08% -11.48% -11.08% -11.48% -11.08% -11.14% -11.08% -11.14% -11.08% -11.14% -11.08% -11.14% -11.08% -11.14% -11.04% -11.14% -11.04% -11.14% -11.04% -11.14% -11.04% -11.14% -11.04% -11.14% -11.04% -11.14% <t< td=""><td>IHDG</td><td>WisdomTree International Hedged Dividend Growt</td><td>Foreign Large Cap Equ</td><td>-9</td><td>-5.83%</td><td>-8.31%</td><td>-9.61%</td><td>-11.02% -8.31%</td><td>-12.34%</td></t<>	IHDG	WisdomTree International Hedged Dividend Growt	Foreign Large Cap Equ	-9	-5.83%	-8.31%	-9.61%	-11.02% -8.31%	-12.34%
VV Vanguard LargeCap Large Cap Biend 4.9 5.80% 4.76% 9.16% 6.17% 6.17% 7.174% PXF PowerShares FTSE RAFI Developed Markets Erreign Large Cap Equ 49 9.97% 10.55% 8.88% 6.92% 7.79% 12.47% VWOB Vanguard Emerging Markets Dor Einancial Select Sector* Financial Equities 49 9.88% 1.115% 7.10% 6.12% 4.72% 11.49% HEFA IShares Cure MSCI Total International Stock Global Equities 49 7.80% 9.92% 10.77% 9.65% -8.19% 11.10% 7.10% -8.67% 11.51% -7.00% -9.65% -8.19% -11.01%	VT	Vanguard Total World Stock Index	Global Equities	-9	-7.09%	-9.66%	-9.61%	-10.75% -8.29%	-12.22%
PXF PowerShares FTSE RAFI Developed Markets Foreign Large Cap Equ -9 -9.8% -10.5% 6.8% -6.9% -7.7% -21.47% VMOB Vanguard Emerging Markets GoV Bonds Emerging Markets Bon -9 -6.98% -8.5% -11.12% -11.13% -11.08% -17.19% -11.15% -11.13% -11.08% -11.15%	VTI	Total Stock Market VIPERs	All Cap Equities	-9	-5.47%	-8.52%	-9.14%	-10.99% -6.42%	-11.55%
VVOBB Vanguard Emerging Markets Gov Bonds Emerging Markets Bon 49 6.09% 8.65% 1.1.2% 1.1.0% 1.1.0% 1.1.0% 1.1.0% 1.1.0% 1.1.0% 1.1.0% 1.1.0% 4.1.0% 4.1.2% 1.1.1.0% 4.1.0% 4.1.2% 4.1.0% 4.1.2% 4.1.1.0% 4.1.2% 4.1.1.0% 4.1.2% 4.0.0% 4.1.1% 4.9.1% 4.0.0% 4.1.1% 4.9.1% 4.0.0% 4.1.1% 4.9.2% 4.0.0% 4.1.1% 4.9.4% 4.0.0% 4.1.1% 4.9.4% 4.0.0% 4.1.1% 4.9.4% 4.0.0% 4.1.1% 4.9.4% 4.0.0% 4.1.1% 4.9.4% 4.0.0% 4.1.1% 4.0.0% 4.0.0% 4.0.0% 4.0.0% 4.0.0% 4.0.0% 4.0.0% 4.0.0% 4.0.0% 4.0.0% 4.0.0%	VV	Vanguard LargeCap	Large Cap Blend	-9	-5.80%	-8.76%	-9.56%	-11.45% -6.17%	-11.74%
XLF Financial Select Sector* Financial Equities 49 9.88% 11.15% 7.10% 6.12% 4.72% 11.49% HEFA IShares Currency Hedged MSCI EAFE Foreign Large Cap Equ -9 -7.80% 9.93% -9.65% -8.19% -12.14% VPL Vanguard Pacific ETF Asia Pacific Equities -9 -5.83% -9.25% -10.77% -8.70% -11.51% -6.70% -11.64% -6.70% -11.64% -6.07% -11.51% -6.10% -6.70% -11.51% -9.07% -11.51% -9.60% -10.70% -11.54% -6.10% -6.0% -10.70% -10.57% -10.60% -10.0% -10.56% -9.60% -10.70% -11.54% -9.20% -12.25% -22.41% -6.00% -6.00% -11.54% -6.00% -10.57% -6.00% -10.57% -6.00% -10.57% -6.00% -11.54% -12.25% -12.25% -12.25% -12.25% -12.25% -12.25% -12.25% -12.25% -12.25% -12.25% -12.25% -12.25% -12	PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equ	-9	-9.87%	-10.55%	-6.88%	-6.92% -7.79%	-12.47%
HEFA Shares Currency Hedged MSCI EAFE Foreign Large Cap Equ -9 -7.80% -9.93% -9.55% -8.19% -2.14% VPL Vanguard Pacific ETF Asia Pacific Equities -9 5.83% -9.26% -10.77% -8.76% -11.01% -16.90% KUS Schwas MSCI Total International Stock Global Equities -10 -8.72% -11.31% -9.48% -10.00% -11.54% -11.54% -11.54% -10.00% -11.54% -10.00% -11.54% -10.00% -11.54% -10.00% -11.54% -10.00% -11.54% -10.00% -11.54% -10.00% -11.54% -10.91% -11.54% -10.00% -11.54% -10.00% -10.00% -10.00% -10.00% -10.00% -10.00% -10.00% -10.00% -10.00% -10.00% -10.00% -10.00% -10.00% -10.00% -10.10% -10.00% -10.00% -10.00% -10.00% -10.00% -10.00% -10.00% -10.00% -10.00% -10.00% -10.00% -10.00% -10.00% -10.00%	VWOB	Vanguard Emerging Markets Gov Bonds	Emerging Markets Bon	-9	-6.09%	-8.65%	-11.12%	-11.18% -11.08%	-17.16%
VPL Vanguard Pacific ETF Asia Pacific Equities .9 .5.83% .9.26% .10.77% .8.76% .11.01% .16.90% XXUS iShares Core MSCI Total International Stock Global Equities .10 .9.28% .1.51% .9.21% .10.70% .11.54% .16.13% SCHF Schwab International Equity Foreign Large Cap Equ .10 .9.70% .11.66% .9.60% .10.76% .11.51% .16.10% ACWX IShares Emerging Markets Equity Emerging Markets Equit .10 .9.70% .11.66% .9.60% .11.51% .16.10% EMB iShares Emerging Markets Equity Emerging Markets Equit .10 .7.00% .9.95% .11.84% .12.20% .12.21% .18.45% EMB IShares Edge MSCI USA Quality Factor All Cap Equities .10 .7.57% .9.84% .10.50% .12.20% .12.23% .12.23% .12.23% .12.23% .12.23% .12.23% .10.33% .12.23% .12.23% .10.30% .10.30% .10.20% .11.23% .10.90%	XLF	Financial Select Sector *	Financial Equities	-9	-9.88%	-11.15%	-7.10%	-6.12% -4.72%	-11.49%
IXUS IShares Core MSCI Total International Stock Global Equities -10 9-28% -11.51% -9-21% -10.70% -11.54% -16.13% SCHF Schwab International Equity Foreign Large Cap Equ -10 -8.72% -11.31% -9.48% -10.60% -11.99% -14.91% ACWX IShares MSCI ACWI ex US Global Equities -10 -9.70% -11.66% -9.60% -10.76% -11.51% -16.10% SCHE Schwab Emerging Markets Equity Emerging Markets Equit -10 -11.33% -11.61% -9.26% -12.55% -22.41% EMB IShares Edge MSCI USA Quality Factor All Cap Equities -10 -7.57% -9.94% -10.50% -12.34% -12.04% -21.20% -12.21% -8.84% -10.56% -10.94 -13.01% -7.84% -9.04% -10.56% -10.94% -13.74% -13.37% -12.21% -12.55% -22.11% -12.56% -9.95% -16.76% -9.95% -16.76% -9.95% -16.76% -9.95% -10.76% -9.95% <td< td=""><td>HEFA</td><td>iShares Currency Hedged MSCI EAFE</td><td>Foreign Large Cap Equ</td><td>-9</td><td>-7.80%</td><td>-9.40%</td><td>-9.93%</td><td>-9.65% -8.19%</td><td>-12.14%</td></td<>	HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equ	-9	-7.80%	-9.40%	-9.93%	-9.65% -8.19%	-12.14%
SCHF Schwab International Equity Foreign Large Cap Equ -10 -8.72% -11.31% -9.48% -10.60% -11.51% -1.610% ACWX IShares MSCI ACWI ex US Global Equities -10 -9.70% -11.66% -9.60% -10.76% -11.51% -15.10% -12.50%	VPL	Vanguard Pacific ETF	Asia Pacific Equities	-9	-5.83%	-9.26%	-10.77%	-8.76% -11.01%	-16.90%
ACWXX iShares MSCI ACWI ex US Global Equities -10 -9.70% -11.66% -9.60% -10.76% -11.51% -15.16% -5.25% -22.41% -15.16% -5.25% -22.81% -22.55% -22.41% </td <td>IXUS</td> <td>iShares Core MSCI Total International Stock</td> <td>Global Equties</td> <td>-10</td> <td>-9.28%</td> <td>-11.51%</td> <td>-9.21%</td> <td>-10.70% -11.54%</td> <td>-16.13%</td>	IXUS	iShares Core MSCI Total International Stock	Global Equties	-10	-9.28%	-11.51%	-9.21%	-10.70% -11.54%	-16.13%
SCHE Schwab Emerging Markets Equity Emerging Markets Equit -10 -11.35% -11.61% 8-26% -9.28% -12.55% -22.41% EMB iShares Emerging Markets Bond Emerging Market Bond -10 -7.00% -9.55% -11.89% -12.20% -12.21% -18.84% QUAL iShares Edge MSCI USA Quality Factor All Cap Equities -10 -7.57% -9.84% -10.56% -13.01% -7.80% -13.67% VXUS Vanguard Total International Stock Global Equities -10 -9.09% -11.23% -10.34% -10.43% -15.64% VXUS Vanguard Extended Markets VIPERS Mid Cap Blend -10 -7.66% -9.95% -11.67% -10.27% -9.14% -10.43% -11.23% -10.37% -10.43% -11.23% -10.37% -10.43% -10.37% -10.43% -10.37% -10.43% -10.27% -9.95% -11.67% -10.43% -10.27% -9.94% -10.75% -9.95% -11.67% -10.43% -10.75% -9.94% -10.75% -10.75% <	SCHF	Schwab International Equity	Foreign Large Cap Equ	-10	-8.72%	-11.31%	-9.48%	-10.60% -11.09%	-14.91%
EMB iShares Emerging Markets Bond Emerging Market Bond 10 -7.00% -9.55% 11.89% -12.20% -12.21% -13.45% QUAL iShares Edge MSCI USA Quality Factor All Cap Equities -10 -4.80% -9.01% -11.24% -13.01% -7.80% -13.45% DBJP Deutsche X-Trackers MSCI Japan Hedged Japan Equities -10 -9.09% -11.23% -10.30% -14.30% -10.33% -10.39% -11.23% -10.39% -11.23% -10.39% -11.23% -10.30% -11.23% -10.37% -14.80% -9.99% -11.67% -10.37% -14.89% -10.37% -14.89% -10.39% -11.67% -10.37% -10.37% -11.24% -10.37% -11.24% -10.27% -9.14% -11.23% -10.27% -9.14% -11.23% -10.27% -9.14% -11.23% -11.23% -10.27% -9.14% -11.23% -10.27% -9.14% -11.23% -9.14% -11.23% -9.14% -11.23% -9.14% -10.27% -9.14% -11.23% -10.27%	ACWX	iShares MSCI ACWI ex US	Global Equities	-10	-9.70%	-11.66%	-9.60%	-10.76% -11.51%	-16.10%
QUAL ishares Edge MSCI USA Quality Factor All Cap Equities -10 4.80% 9-91% -1124% -13.01% -7.80% -13.45% DBJP Deutsche X-Trackers MSCI Japan Hedged Japan Equities -10 -7.57% 9-84% -10.56% -10.34% -8.40% -13.67% VXUS Vanguard Total International Stock Global Equities -10 -9.09% -11.23% -10.39% -11.67% -10.43% -11.23% -15.64% HEWJ iShares Currency Hedged MSCI Japan Japan Equities -10 -7.66% 9-9.5% -11.67% -10.27% -9.14% -14.78% VXF Vanguard Extended Markets VIPERs Mild Cap Blend -10 -5.84% -9.04% -10.76% -13.78% -13.27% -20.75% VEA Vanguard FTSE Developed Markets Emerging Markets Equi -10 -8.55% -11.24% -10.59% -10.73% -10.26% -11.79% DBEU Deutsche X-Trackers MSCI Europe Hedged Europe Equities -10 -8.73% -10.27% -9.01% -16.67% -	SCHE	Schwab Emerging Markets Equity	Emerging Markets Equi	-10	-11.35%	-11.61%	-8.26%	-9.28% -12.55%	-22.41%
DBJP Deutsche X-Trackers MSCI Japan Hedged Japan Equities -10 -7.57% 9.84% -10.56% -10.34% -8.40% -13.67% VXUS Vanguard Total International Stock Global Equities -10 -9.09% -11.23% -10.39% -11.23% -10.39% -11.23% -10.39% -11.23% -10.39% -11.23% -10.39% -11.23% -10.39% -11.23% -10.39% -11.23% -10.39% -11.23% -10.39% -11.23% -10.39% -11.23% -10.39% -10.43% -10.43% -10.43% -10.43% -10.43% -10.27% -9.14% -14.78% VXF Vanguard Extended Markets VIPERs Mid Cap Blend -10 -5.84% -9.04% -10.76% -9.48% -11.29% -20.75% -20.75% -20.75% -20.75% -20.75% -20.75% -20.93% -10.25% -11.24% -10.59% -10.29% -11.79% -10.29% -10.94% -11.24% -10.59% -10.27% -20.75% -20.75% -20.75% -20.95% -11.24% -10.25%	EMB	iShares Emerging Markets Bond	Emerging Market Bond	-10	-7.00%	-9.55%	-11.89%	-12.20% -12.21%	-18.84%
VXUS Vanguard Total International Stock Global Equities -10 -9.09% -11.23% -10.43% -11.23% -15.64 HEWJ iShares Currency Hedged MSCI Japan Japan Equities -10 -7.66% -9.95% -11.67% -9.14% -14.78% VXF Vanguard Extended Markets VIPERS Mid Cap Blend -10 -5.84% -9.04% -10.76% -13.78% -3.37% -21.17% VWO Vanguard Emerging Markets Emerging Markets Equi -10 -8.55% -11.24% -10.59% -10.73% -10.86% -14.69% VEA Vanguard FTSE Developed Markets Foreign Large Cap -10 -8.75% -11.24% -10.59% -10.73% -10.86% -14.69% DBEU Deutsche X-Trackers MSCI Europe Hedged Europe Equities -10 -8.73% -10.27% -9.01% -10.67% -7.44% -11.11% IWO Russell 2000 Growth Small Growth -10 -8.46% -11.49% -10.39% -10.67% -14.49% -10.39% -10.67% -14.49% -10.	QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	-10	-4.80%	-9.01%	-11.24%	-13.01% -7.80%	-13.45%
HEWU İShares Currency Hedged MSCI Japan Japan Equities -10 -7.66% -9.95% -11.67% -9.14% -14.78 VXF Vanguard Extended Markets VIPERs Mid Cap Blend -10 -5.84% -9.04% -10.76% -13.78% -13.73% -21.17% VWO Vanguard Emerging Markets Emerging Markets Equi -10 -11.15% -11.50% -9.19% -9.48% -11.92% -20.75% VEA Vanguard FTSE Developed Markets Foreign Large Cap -10 -8.55% -11.24% -10.59% -10.73% -10.86% -14.69% DBEU Deutsche X-Trackers MSCI Europe Hedged Europe Equities -10 -8.73% -10.27% -9.01% -10.67% -7.44% -12.11% IWO Russell 2000 Growth Small Growth -10 -9.46% -11.99% -10.39% -10.26% -15.26% -10.91% -12.667 -15.89% EWS iShares Singapore Index Pacific Asia/excl. Japan -10 -12.85% -9.94% -7.62% -9.30% -14.26% -11.86 <td>DBJP</td> <td>Deutsche X-Trackers MSCI Japan Hedged</td> <td>Japan Equities</td> <td>-10</td> <td>-7.57%</td> <td>-9.84%</td> <td>-10.56%</td> <td>-10.34% -8.40%</td> <td>-13.67%</td>	DBJP	Deutsche X-Trackers MSCI Japan Hedged	Japan Equities	-10	-7.57%	-9.84%	-10.56%	-10.34% -8.40%	-13.67%
VXF Vanguard Extended Markets VIPERs Mid Cap Blend -10 5.84% -9.04% -10.76% -13.78% -13.77% -21.77% VWO Vanguard Emerging Markets Emerging Markets Equi -10 -11.15% -11.50% -9.19% -9.48% -11.92% -20.75% VEA Vanguard FTSE Developed Markets Foreign Large Cap -10 -8.55% -11.24% -10.59% -10.73% -10.86% -14.69% DBEU Deutsche X-Trackers MSCI Europe Hedged Europe Equities -10 -8.73% -10.27% -9.01% -10.67% -7.44% -12.11% IWO Russell 2000 Growth Small Growth -10 -4.44% -9.04% -10.39% -15.84% -15.15% -26.74% VEU Vanguard FTSE All-Word ex-US Global Equities -10 -9.46% -11.49% -10.39% -11.26% -9.94% -7.62% -9.30% -14.6% -31.78% -22.74% -22.87% VEU Vanguard Singapore Index Pacific Asia/excl. Japan -10 -12.56% -19.94%	VXUS	Vanguard Total International Stock	Global Equities	-10	-9.09%	-11.23%	-10.39%	-10.43% -11.23%	-15.64%
VWO Vanguard Emerging Markets Emerging Markets Equi -10 -11.15% -11.50% -9.19% -9.48% -11.29% -20.78 VEA Vanguard FTSE Developed Markets Foreign Large Cap -10 -8.55% -11.24% -10.59% -10.73% -10.86% -14.69% DBEU Deutsche X-Trackers MSCI Europe Hedged Europe Equities -10 -8.73% -10.27% -9.01% -10.67% -7.44% -12.11% IWO Russell 2000 Growth Small Growth -10 -4.44% -9.06% -11.39% -15.68% -26.74% VEU Vanguard FTSE All-Word ex-US Global Equities -10 -9.46% -11.49% -10.39% -10.39% -11.26% -9.94% -7.629 -9.30% -14.26% -31.88% VEU Vanguard Long-Term Corporate Bond Corporate Bonds -11 -4.71% -11.17% -13.61% -13.23% -12.79% -13.88% VCLT Vanguard Singapore Index Europe Stock -11 -4.71% -11.17% -13.61% -13.22%	HEWJ	iShares Currency Hedged MSCI Japan	Japan Equities	-10	-7.66%	-9.95%	-11.67%	-10.27% -9.14%	-14.78%
VEA Vanguard FTSE Developed Markets Foreign Large Cap -10 -8.55% -11.24% -10.59% -10.73% -10.86% -14.69% DBEU Deutsche X-Trackers MSCI Europe Hedged Europe Equities -10 -8.73% -10.27% -9.01% -10.67% -7.44% -12.11% IWO Russell 2000 Growth Small Growth -10 -8.73% -10.27% -9.01% -15.84% -15.15% -26.74% VEU Vanguard FTSE All-Word ex-US Global Equities -10 -9.46% -11.49% -10.39% -11.28% -15.84% -15.84% -15.89% EWS iShares Singapore Index Pacific Asia/excl. Japan -10 -12.85% -9.94% -7.62% -9.30% -14.42% -31.18% VCLT Vanguard Long-Term Corporate Bond Corporate Bonds -11 -4.71% -11.17% -13.61% -13.13% -12.70% -18.61% SCZ iShares MSCI EAFE Small-Cap Foreign Small & Mid Ca -11 -8.51% -12.26% -10.91% -13.23% -13.73% <t< td=""><td>VXF</td><td>Vanguard Extended Markets VIPERs</td><td>Mid Cap Blend</td><td>-10</td><td>-5.84%</td><td>-9.04%</td><td>-10.76%</td><td>-13.78% -13.37%</td><td>-21.17%</td></t<>	VXF	Vanguard Extended Markets VIPERs	Mid Cap Blend	-10	-5.84%	-9.04%	-10.76%	-13.78% -13.37%	-21.17%
DBEU Deutsche X-Trackers MSCI Europe Hedged Europe Equitites -10 -8.73% -10.27% -9.01% -10.67% -7.44% -12.11% IWO Russell 2000 Growth Small Growth -10 -4.44% -9.06% -11.93% -15.84% -15.15% -26.74% VEU Vanguard FTSE All-Word ex-US Global Equities -10 -9.46% -11.49% -10.39% -10.39% -11.66% -15.89% EWS iShares Singapore Index Pacific Asia/excl. Japan -10 -12.85% -9.94% -7.62% -9.30% -14.42% -31.18% VCLT Vanguard Long-Term Corporate Bond Corporate Bonds -11 -4.71% -11.17% -13.61% -13.13% -12.70% -18.61% SCZ iShares MSCI EAFE Small-Cap Foreign Small & Mid Ca -11 -8.51% -12.56% -10.91% -13.22% -13.85% -19.79% EWL iShares Switzerland Index Europe Stock -11 -6.63% -10.89% -11.82% -13.26% -7.94% -13.73%	VWO	Vanguard Emerging Markets	Emerging Markets Equi	-10	-11.15%	-11.50%	-9.19%	-9.48% -11.92%	-20.75%
IWO Russell 2000 Growth Small Growth -10 -4.44% -9.06% -11.93% -15.15% -26.74% VEU Vanguard FTSE All-Word ex-US Global Equities -10 -9.46% -11.49% -10.39% -11.26% -15.89% EWS iShares Singapore Index Pacific Asia/excl. Japan -10 -12.85% -9.94% -7.62% -9.30% -14.42% -31.18% VCLT Vanguard Long-Term Corporate Bond Corporate Bonds -11 -4.71% -11.17% -13.61% -12.70% -18.61% SCZ iShares MSCI EAFE Small-Cap Foreign Small & Mid Ca -11 -8.51% -12.25% -10.91% -13.22% -13.85% -19.79% EWL iShares Switzerland Index Europe Stock -11 -6.63% -10.89% -11.82% -13.26% -7.94% -13.73% EFA MSCI EAFE iShares Index Fd Foreign Large Cap Equ -11 -9.68% -12.24% -10.60 -11.79% -11.80% -12.31% -12.25% -14.75% -22.80% VBK	VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	-10	-8.55%	-11.24%	-10.59%	-10.73% -10.86%	-14.69%
VEU Vanguard FTSE All-Word ex-US Global Equities -10 -9.46% -11.49% -10.39% -11.26% -15.89% EWS iShares Singapore Index Pacific Asia/excl. Japan -10 -12.85% -9.94% -7.62% -9.30% -14.42% -31.18% VCLT Vanguard Long-Term Corporate Bond Corporate Bonds -11 -4.71% -11.17% -13.61% -13.13% -12.70% -18.61% SCZ iShares MSCI EAFE Small-Cap Foreign Small & Mid Ca -11 -8.51% -12.56% -10.91% -13.22% -13.85% -19.79% EWL iShares Switzerland Index Europe Stock -11 -6.63% -10.89% -11.82% -13.26% -7.94% -13.73% EFA MSCI EAFE iShares Index Fd Foreign Large Cap Equ -11 -9.68% -12.24% -10.60% -11.79% -11.82% -15.50% VBK Vanguard SmallCap Growth Small Cap Growth -11 -5.31% -9.19% -12.31% -16.22% -14.75% -22.80% EWJ <	DBEU	Deutsche X-Trackers MSCI Europe Hedged	Europe Equities	-10	-8.73%	-10.27%	-9.01%	-10.67% -7.44%	-12.11%
EWS iShares Singapore Index Pacific Asia/excl. Japan -10 -12.85% -9.94% -7.62% -9.30% -14.42% -31.18% VCLT Vanguard Long-Term Corporate Bond Corporate Bonds -11 -4.71% -11.17% -13.61% -13.13% -12.70% -18.61% SCZ iShares MSCI EAFE Small-Cap Foreign Small & Mid Ca -11 -8.51% -12.56% -10.91% -13.22% -13.85% -19.79% EWL iShares Switzerland Index Europe Stock -11 -6.63% -10.89% -11.82% -13.26% -7.94% -13.73% EFA MSCI EAFE iShares Index Fd Foreign Large Cap Equ -11 -9.68% -12.24% -10.60% -11.79% -11.80% -15.50% VBK Vanguard SmallCap Growth Small Cap Growth -11 -5.31% -9.19% -12.31% -16.22% -14.75% -22.80% EWJ iShares Japan Index Japan Stock -11 -7.72% -11.60% -12.55% -11.14% -12.15% -19.72% MTUM </td <td>IWO</td> <td>Russell 2000 Growth</td> <td>Small Growth</td> <td>-10</td> <td>-4.44%</td> <td>-9.06%</td> <td>-11.93%</td> <td>-15.84% -15.15%</td> <td>-26.74%</td>	IWO	Russell 2000 Growth	Small Growth	-10	-4.44%	-9.06%	-11.93%	-15.84% -15.15%	-26.74%
VCLT Vanguard Long-Term Corporate Bond Corporate Bonds -11 4.71% -11.17% -13.61% -13.13% -12.70% -18.61% SCZ iShares MSCI EAFE Small-Cap Foreign Small & Mid Ca -11 -8.51% -12.56% -10.91% -13.22% -13.85% -19.79% EWL iShares Switzerland Index Europe Stock -11 -6.63% -10.89% -11.82% -13.26% -7.94% -13.73% EFA MSCI EAFE iShares Index Fd Foreign Large Cap Equ -11 -9.68% -12.24% -10.60% -11.79% -11.80% -15.50% VBK Vanguard SmallCap Growth Small Cap Growth -11 -5.31% -9.19% -12.31% -16.22% -14.75% -22.80% EWJ iShares Japan Index Japan Stock -11 -7.72% -11.60% -12.55% -11.14 -12.15% -19.72% MTUM iShares Edge MSCI USA Momentum Factores All Cap Equities -11 -7.76% -10.13% -12.94% -14.57% -11.82% -19.33% <	VEU	Vanguard FTSE All-Word ex-US	Global Equities	-10	-9.46%	-11.49%	-10.39%	-10.39% -11.26%	-15.89%
SCZ iShares MSCI EAFE Small-Cap Foreign Small & Mid Ca -11 -8.51% -12.56% -10.91% -13.22% -13.85% -19.79% EWL iShares Switzerland Index Europe Stock -11 -6.63% -10.89% -11.82% -13.26% -7.94% -13.73% EFA MSCI EAFE iShares Index Fd Foreign Large Cap Equ -11 -9.68% -12.24% -10.60% -11.79% -11.80% -15.50% VBK Vanguard SmallCap Growth Small Cap Growth -11 -5.31% -9.19% -12.31% -16.22% -14.75% -22.80% EWJ iShares Japan Index Japan Stock -11 -7.72% -11.60% -12.55% -11.14% -12.15% -19.72% MTUM iShares Edge MSCI USA Momentum Factores All Cap Equities -11 -7.76% -10.13% -12.94% -14.57% -11.82% -19.83% EWK iShares Belgium Index Europe Stock -11 -10.11% -13.10% -9.50% -12.13% -12.66% -19.13% FXD	EWS	iShares Singapore Index	Pacific Asia/excl. Japan	-10	-12.85%	-9.94%	-7.62%	-9.30% -14.42%	-31.18%
EWL iShares Switzerland Index Europe Stock -11 -6.63% -10.89% -11.82% -13.26% -7.94% -13.73% EFA MSCI EAFE iShares Index Fd Foreign Large Cap Equ -11 -9.68% -12.24% -10.60% -11.79% -11.80% -15.50% VBK Vanguard SmallCap Growth Small Cap Growth -11 -5.31% -9.19% -12.31% -16.22% -14.75% -22.80% EWJ iShares Japan Index Japan Stock -11 -7.72% -11.60% -12.55% -11.14% -12.15% -19.72% MTUM iShares Edge MSCI USA Momentum Factores All Cap Equities -11 -7.76% -10.11% -12.94% -14.57% -11.82% -19.83% EWK iShares Belgium Index Europe Stock -11 -10.11% -13.10% -9.50% -12.13% -12.66% -19.13% FXD First Trust Cons. Discret. AlphaDEX Consumer Discretionar -11 -8.24% -10.87% -10.25% -13.31% -10.92% -17.98% IEFA iShares Core MSCI EAFE Foreign Large Cap Equ -11 -9.55% -12.31% -10.61% -12.03% -12.06% -16.04% EWY iShares S. Korea Index Pacific Asia/excl. Japan -11 -7.48% -13.07% -12.91% -12.51% -16.45% -22.91% IEMG iShares Core MSCI Emerging Markets Equi -11 -11.30% -12.52% -9.44% -10.57% -13.81% -22.93% KBWB PowerShares KBW Bank Portfolio Financials Equities -11 -13.42% -15.66% -7.12% -5.82% -5.98% -15.66%	VCLT	Vanguard Long-Term Corporate Bond	Corporate Bonds	-11	-4.71%	-11.17%	-13.61%	-13.13% -12.70%	-18.61%
EFA MSCI EAFE iShares Index Fd Foreign Large Cap Equ -11 -9.68% -12.24% -10.60% -11.79% -11.80% -15.50% VBK Vanguard SmallCap Growth Small Cap Growth -11 -5.31% -9.19% -12.31% -16.22% -14.75% -22.80% EWJ iShares Japan Index Japan Stock -11 -7.72% -11.60% -12.55% -11.14% -12.15% -19.72% MTUM iShares Edge MSCI USA Momentum Factores All Cap Equities -11 -7.76% -10.13% -12.94% -14.57% -11.82% -19.83% EWK iShares Belgium Index Europe Stock -11 -10.11% -13.10% -9.50% -12.13% -12.66% -19.13% FXD First Trust Cons. Discret. AlphaDEX Consumer Discretionar -11 -8.24% -10.87% -10.25% -13.31% -10.92% -17.98% IEFA iShares Core MSCI EAFE Foreign Large Cap Equ -11 -9.55% -12.31% -10.61% -12.03% -12.06% -16.04%	SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	-11	-8.51%	-12.56%	-10.91%	-13.22% -13.85%	-19.79%
VBK Vanguard SmallCap Growth Small Cap Growth -11 -5.31% -9.19% -12.31% -16.22% -14.75% -22.80% EWJ iShares Japan Index Japan Stock -11 -7.72% -11.60% -12.55% -11.14% -12.15% -19.72% MTUM iShares Edge MSCI USA Momentum Factores All Cap Equities -11 -7.76% -10.13% -12.94% -14.57% -11.82% -19.83% EWK iShares Belgium Index Europe Stock -11 -10.11% -13.10% -9.50% -12.13% -12.66% -19.13% FXD First Trust Cons. Discret. AlphaDEX Consumer Discretionar -11 -8.24% -10.87% -10.25% -13.31% -10.92% -17.98% IEFA iShares Core MSCI EAFE Foreign Large Cap Equ -11 -9.55% -12.31% -10.61% -12.03% -12.06% -16.04% EWY iShares S. Korea Index Pacific Asia/excl. Japan -11 -7.48% -13.07% -12.91% -12.51% -16.45% -29.19% <	EWL	iShares Switzerland Index	Europe Stock	-11	-6.63%	-10.89%	-11.82%	-13.26% -7.94%	-13.73%
EWJ iShares Japan Index Japan Stock -11 -7.72% -11.60% -12.55% -11.14% -12.15% -19.72% MTUM iShares Edge MSCI USA Momentum Factores All Cap Equities -11 -7.76% -10.13% -12.94% -14.57% -11.82% -19.83% EWK iShares Belgium Index Europe Stock -11 -10.11% -13.10% -9.50% -12.13% -12.66% -19.13% FXD First Trust Cons. Discret. AlphaDEX Consumer Discretionar -11 -8.24% -10.87% -10.25% -13.31% -10.92% -17.98% IEFA iShares Core MSCI EAFE Foreign Large Cap Equ -11 -9.55% -12.31% -10.61% -12.03% -12.06% -16.04% EWY iShares S. Korea Index Pacific Asia/excl. Japan -11 -7.48% -13.07% -12.91% -12.51% -16.45% -29.19% IEMG iShares Core MSCI Emerging Markets Equi -11 -11.30% -12.52% -9.44% -10.57% -13.81% -22.93% KBWB PowerShares KBW Bank Portfolio Financials Equities -11 -13.42% -15.66% -7.12% -5.82% -5.98% -15.66%	EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equ	-11	-9.68%	-12.24%	-10.60%	-11.79% -11.80%	-15.50%
MTUM iShares Edge MSCI USA Momentum Factores All Cap Equities -11 -7.76% -10.13% -12.94% -14.57% -11.82% -19.83% EWK iShares Belgium Index Europe Stock -11 -10.11% -13.10% -9.50% -12.13% -12.66% -19.13% FXD First Trust Cons. Discret. AlphaDEX Consumer Discretionar -11 -8.24% -10.87% -10.25% -13.31% -10.92% -17.98% IEFA iShares Core MSCI EAFE Foreign Large Cap Equ -11 -9.55% -12.31% -10.61% -12.03% -12.06% -16.04% EWY iShares S. Korea Index Pacific Asia/excl. Japan -11 -7.48% -13.07% -12.91% -12.51% -16.45% -29.19% IEMG iShares Core MSCI Emerging Markets Equi -11 -11.30% -12.52% -9.44% -10.57% -13.81% -22.93% KBWB PowerShares KBW Bank Portfolio Financials Equities -11 -13.42% -15.66% -7.12% -5.82% -5.98% -15.66%	VBK	Vanguard SmallCap Growth	Small Cap Growth	-11	-5.31%	-9.19%	-12.31%	-16.22% -14.75%	-22.80%
EWK iShares Belgium Index Europe Stock -11 -10.11% -13.10% -9.50% -12.13% -12.66% -19.13% FXD First Trust Cons. Discret. AlphaDEX Consumer Discretionar -11 -8.24% -10.87% -10.25% -13.31% -10.92% -17.98% IEFA iShares Core MSCI EAFE Foreign Large Cap Equ -11 -9.55% -12.31% -10.61% -12.03% -12.06% -16.04% EWY iShares S. Korea Index Pacific Asia/excl. Japan -11 -7.48% -13.07% -12.91% -12.51% -16.45% -29.19% IEMG iShares Core MSCI Emerging Markets Emerging Markets Equi -11 -11.30% -12.52% -9.44% -10.57% -13.81% -22.93% KBWB PowerShares KBW Bank Portfolio Financials Equities -11 -13.42% -15.66% -7.12% -5.82% -5.98% -15.66%	EWJ	iShares Japan Index	Japan Stock	-11	-7.72%	-11.60%	-12.55%	-11.14% -12.15%	-19.72%
FXD First Trust Cons. Discret. AlphaDEX Consumer Discretionar -11 -8.24% -10.87% -10.25% -13.31% -10.92% -17.98% IEFA iShares Core MSCI EAFE Foreign Large Cap Equ -11 -9.55% -12.31% -10.61% -12.03% -12.06% -16.04% EWY iShares S. Korea Index Pacific Asia/excl. Japan -11 -7.48% -13.07% -12.91% -12.51% -16.45% -29.19% IEMG iShares Core MSCI Emerging Markets Emerging Markets Equi -11 -11.30% -12.52% -9.44% -10.57% -13.81% -22.93% KBWB PowerShares KBW Bank Portfolio Financials Equities -11 -13.42% -15.66% -7.12% -5.82% -5.98% -15.66%	MTUM	iShares Edge MSCI USA Momentum Factores	All Cap Equities	-11	-7.76%	-10.13%	-12.94%	-14.57% -11.82%	-19.83%
IEFA iShares Core MSCI EAFE Foreign Large Cap Equ -11 -9.55% -12.31% -10.61% -12.03% -12.06% -16.04% EWY iShares S. Korea Index Pacific Asia/excl. Japan -11 -7.48% -13.07% -12.91% -12.51% -16.45% -29.19% IEMG iShares Core MSCI Emerging Markets Emerging Markets Equi -11 -11.30% -12.52% -9.44% -10.57% -13.81% -22.93% KBWB PowerShares KBW Bank Portfolio Financials Equities -11 -13.42% -15.66% -7.12% -5.82% -5.98% -15.66%	EWK	iShares Belgium Index	Europe Stock	-11	-10.11%	-13.10%	-9.50%	-12.13% -12.66%	-19.13%
EWY iShares S. Korea Index Pacific Asia/excl. Japan -11 -7.48% -13.07% -12.91% -16.45% -29.19% IEMG iShares Core MSCI Emerging Markets Emerging Markets Equi -11 -11.30% -12.52% -9.44% -10.57% -13.81% -22.93% KBWB PowerShares KBW Bank Portfolio Financials Equities -11 -13.42% -15.66% -7.12% -5.82% -5.98% -15.66%	FXD	First Trust Cons. Discret. AlphaDEX	Consumer Discretionar	-11	-8.24%	-10.87%	-10.25%	-13.31% -10.92%	-17.98%
IEMG iShares Core MSCI Emerging Markets Emerging Markets Equi -11 -11.30% -12.52% -9.44% -10.57% -13.81% -22.93% KBWB PowerShares KBW Bank Portfolio Financials Equities -11 -13.42% -15.66% -7.12% -5.82% -5.98% -15.66%	IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equ	-11	-9.55%	-12.31%	-10.61%	-12.03% -12.06%	-16.04%
KBWB PowerShares KBW Bank Portfolio Financials Equities -11 -13.42% -15.66% -7.12% -5.82% -5.98% -15.66%	EWY	iShares S. Korea Index	Pacific Asia/excl. Japan	-11	-7.48%	-13.07%	-12.91%	-12.51% -16.45%	-29.19%
·	IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equi	-11	-11.30%	-12.52%	-9.44%	-10.57% -13.81%	-22.93%
URE ProShares Ultra Real Estate Leveraged Real Estate -12 -1.12% -12.56% -14.86% -21.14% -6.23% -21.14%	KBWB	PowerShares KBW Bank Portfolio	Financials Equities	-11	-13.42%	-15.66%	-7.12%	-5.82% -5.98%	-15.66%
	URE	ProShares Ultra Real Estate	Leveraged Real Estate	-12	-1.12%	-12.56%	-14.86%	-21.14% -6.23%	-21.14%

SPYG S8P 500 Growth Large Cap Growth -12 -7.03% -10.94% -13.63% -8.49% -16.79% EEM iShares Emeriging Mits Index Emerging Mits Equilies -12 -12.11% -13.27% -10.17% -10.99% -14.37% -24.97% VOT Vanguard Info Technology Technology Equilies -12 -7.13% -11.92% -14.05% -16.67% -17.45% -27.76% -10.89% -13.71% -15.66% -8.57% -17.45% -27.76% -10.89% -13.71% -15.66% -8.57% -17.55% -10.04% -13.87% -16.29% -9.97% -17.35% -10.04% -13.87% -16.29% -9.97% -17.35% -10.04% -13.87% -16.29% -9.97% -17.35% -10.04% -13.04% -16.08% -15.22% -9.97% -17.35% -10.04% -13.04% -16.04% -15.20% -9.97% -17.35% -10.08% -13.29% -15.22% -9.97% -17.35% -15.20% -10.10% -9.97% -17.35% -10.04% -12.04%
VOT Vanguard Info Technology Technology Equities -12 -8.66% -10.96% -16.43% -8.99% -17.85% XRT SPDR S&P Retail* Consumer Discretionar -12 -7.13% -11.92% -14.05% -16.67% -17.45% -27.76% VOOG Vanguard S&P 500 Growth Large Growth -12 -7.04% -10.89% -13.71% -15.66% -8.52% -16.62% IWF Russell 1000 Growth Large Growth -12 -8.97% -10.089 -13.27% -15.63% -8.45% -17.35% AAXJ IShares MSCI All Country Asia ex Japan Asia Pacific -12 -11.92% -13.09% -13.05% -15.63% -15.33% -15.33% -15.37% -15.66% -10.95% -15.64% -11.09% -10.19% -13.04% -11.09% -10.15% -10.53% -10.53% -15.23% -15.63% -10.53% -10.53% -10.53% -10.53% -10.53% -10.53% -10.53% -10.53% -10.53% -10.53% -10.53% -10.53% -10.53%
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VOOG Vanguard S&P 500 Growth Large Cap Growth Equit -12 -7.04% -10.89% -13.71% -15.66% 8.52% -16.82% IWF Russell 1000 Growth Large Growth -12 -7.59% -11.04% -13.87% -16.29% -9.97% -17.35% IWW S&P 500BARRA Growth Large Growth -12 -6.57% -10.89% -13.52% -16.53% -16.53% -16.53% -16.53% -16.53% -16.53% -18.06% SCHG Schwab U.S. Large-Cap Growth Large Cap Growth Equi -12 -7.64% -10.78% -14.18% -16.53% -10
IWF Russell 1000 Growth Large Growth -12 -7.59% -11.04% -13.87% -16.29% -9.9% -17.35% IVW S&P 500/BARRA Growth Large Growth -12 -6.97% -10.89% -13.52% -15.63% -8.45% -16.77% AAXJ iShares MSCI All Country Asia ex Japan Asia Pacific -12 -11.92% -13.79% -10.98% -11.93% -15.32% -28.65% SCHG Schwab U.S. Large-Cap Growth Large Cap Growth Equil -12 -7.64% -10.78% -14.18% -16.53% -10.53% -16.53% -10.53% -16.53% -10.53%
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SCHGI Schwab U.S. Large-Cap Growth Large Cap Growth Equi -12 -7.64% -10.78% -14.18% -16.53% -10.53% -18.06% IYG Dow Jones US Financial Serv's Specially-Financial -12 -13.04% -14.04% -10.26% -10.15% -9.40% -14.77% IUSG iShares Core U.S. Growth Large Cap Growth Equi -12 -6.78% -10.80% -13.25% -15.42% -8.39% -16.52% ASHR Deutsche X-Trackers China A-Shares China Equities -12 -9.99% -12.87% -11.83% -13.92% -12.33% -17.23% -14.80% HEDJ Wisdom Tree Europe Hedged Equity Europe Equities -12 -5.30% -12.10% -13.23% -17.23% -14.81% -26.07% XLK Technology Select * Technology Equities -12 -8.22% -10.70% -13.24% -15.66% -17.24% -24.25% IEV S&P Europe 350 Index Europe Stock -13 -12.19% -14.36% -15.27% -17.68% -16.09%
IYG Dow Jones US Financial Serv's Specialty-Financial -12 -13.04% -14.04% -10.26% -10.15% -9.40% -14.77 IUSG iShares Core U.S. Growth Large Cap Growth Equi -12 6.78% -10.80% -13.25% -15.42% -8.39% -16.52% ASHR Deutsche X.Trackers China AShares China Equities -12 8.39% -10.39% -15.90% -13.92% -12.38% -27.48% HEDJ WisdomTree Europe Hedged Equity Europe Equities -12 -9.98% -12.10% -13.21% -17.23% -14.81% -26.07% XLK Technology Select Technology Equities -12 -8.22% -10.79% -13.24% -15.66% -7.18% -16.99% VOX Vanguard Telecom Serv's Communication Equitie -13 -7.82% -13.99% -14.16% -15.66% -7.18% -16.99% VOX Vanguard Telecom Serv's Communication Equitie -13 -14.36% -11.59% -14.36% -11.178% -14.36% -11.16% -16.56% </td
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IGV iShares North American Tech-Software Technology Equities -14 -10.48% -9.72% -17.46% -19.25% -18.65% -28.09%
IBB Nasdaq Biotechnology Health & Biotech Equiti -14 -6.68% -10.90% -18.21% -19.41% -20.27% -63.91%
HEWG iShares Currency Hedged MSCI Germany Europe Equities -15 -13.29% -15.92% -14.91% -15.51% -14.87% -18.49%
XBI SPDR Series Trust SPDR S&P Biotech Health & Biotech Equiti -15 -6.76% -10.32% -20.26% -21.42% -25.48% -49.43%
EWQ iShares France Index Europe Stock -15 -14.74% -16.37% -13.14% -15.51% -14.09% -18.79%
BBH VanEck Vectors Biotech Health & Biotech -15 -7.83% -12.84% -20.71% -20.22% -21.32% -31.57%
XHB SPDR Series Trust SPDR Home Builders Building & Construction -15 -5.73% -16.04% -18.99% -21.15% -11.33% -21.59%
PCY PowerShares Emerging Markets Sovereign Debt P Emerging Markets Bon -15 -11.06% -14.21% -17.21% -17.31% -17.61% -29.60%
SMH VanEch Vectors Semiconductor Technology Equities -15 -10.08% -16.34% -15.25% -18.57% -8.32% -20.57%
EFG iShares MSCI EAFE Growth Index Foreign Large Cap Equ -15 -9.26% -14.31% -16.91% -18.17% -15.84% -20.79%
ITB iShares DJ US Home Construction Building and Constructi -15 -4.52% -16.74% -18.50% -21.73% -9.73% -21.84%
EZU European Monetary Union Index Europe Stock -16 -15.47% -17.87% -15.37% -17.28% -17.12% -21.33%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk 12 wk	YTD %M/A	DD%
EWI	iShares Italy Index	Europe Stock	-17	-17.31%	-18.98% -15.07%	-17.01% -16.15%	-21.00%
FEZ	SPDR Euro Stoxx 50	Europe Stock	-17	-15.42%	-17.68% -15.95%	-17.10% -16.68%	-21.62%
EWG	iShares Germany Index	Europe Stock	-18	-16.87%	-19.59% -17.68%	-18.21% -19.55%	-26.51%
EWD	iShares Sweden Index	Europe Stock	-19	-13.92%	-21.31% -19.27%	-22.06% -21.00%	-26.89%
EWN	iShares Netherlands Index	Europe Stock	-19	-15.69%	-20.50% -19.03%	-21.98% -20.56%	-27.15%
MCHI	iShares MSCI China	China Equities	-19	-19.09%	-18.70% -18.22%	-18.15% -24.99%	-47.13%
FXI	iShares China 25 Index	China Equities	-19	-20.76%	-19.58% -17.48%	-17.03% -23.90%	-44.28%
RSX	Market Vectors Russia	Emerging Markets Equ	i -78	-77.50%	-77.63% -79.58%	-78.81% -79.47%	-83.05%