HV ETF Cutline Report: As of 1/19/2024

Ticker	ETF Name	Orientation	%M/A		4 wk	8 wk	12 wk	YTD I	M-Index	DD%
SMH	VanEch Vectors Semiconductor	Technology Equities	23.01%	+244	8.02%	15.71%	35.33%	7.04	17	0.00%
ITB	iShares DJ US Home Construction	Building and Constructi	20.97%	+243	0.96%	18.05%	42.57%	0.67	16	-0.18%
SOXX	iShares PHLX SOX Semiconductor Secto	Technology Equities	20.85%	+242	5.50%	16.64%	35.31%	4.36	15	0.00%
XHB	SPDR Series Trust SPDR Home Builders	Building & Construction	18.88%	+241	0.08%	15.89%	37.12%	0.02	13	-0.82%
IGV	iShares North American Tech-Software	Technology Equities	18.12%	+240	2.67%	9.90%	27.09%	3.14	11	-6.30%
IYW	Dow Jones US Technology	Technology Equities	16.87%	+239	4.43%	9.34%	25.58%	4.30	11	0.00%
PEZ	PowerShares Consumer Cyclicals	All Cap Equities	16.81%	+238	-1.11%	14.69%	37.88%	-0.77	13	-20.09%
KBE	SPDR S&P Bank	Specialty-Financial	16.36%	+237	-1.54%	14.58%	30.55%	-1.65	10	-25.08%
XLK	Technology Select *	Technology Equities	15.68%	+236	4.23%	8.55%	24.24%	4.00	10	0.00%
KRE	SPDR S&P Region.Banking	Specialty-Financial	15.20%	+235	-2.63%	14.93%	31.28%	-2.67	10	-35.22%
VGT	Vanguard Info Technology	Technolgy Equities	14.41%	+234	3.33%	8.69%	24.55%	3.24	10	0.00%
QQQ	PowerShares QQQ Trust, Series 1	Large Growth	13.67%	+233	3.13%	8.13%	21.97%	2.85	9	0.00%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	13.50%	+232	3.06%	7.29%	21.56%	3.10	9	-48.72%
MGK	Vanguard Mega Cap Growth	Large Cap Growth Equi	13.41%	+231	3.43%	6.93%	21.82%	3.29	9	0.00%
KBWB	PowerShares KBW Bank Portfolio	Financials Equities	13.35%	+230	-1.07%	13.56%	31.33%	-1.91	10	-36.30%
MTUM	iShares Edge MSCI USA Momentum Fact	All Cap Equities	13.29%	+229	5.25%	8.77%	21.57%	4.90	10	-15.06%
VUG	Vanguard Growth	Large Cap Growth	12.93%	+228	3.03%	7.13%	21.91%	2.93	9	-1.75%
IWF	Russell 1000 Growth	Large Growth	12.92%	+227	3.12%	7.30%	21.27%	2.99	9	0.00%
FV	First Trust Dorsey Wright Focus 5	Large Cap Value Equiti	12.90%	+226	0.81%	11.93%	26.84%	1.57	10	0.00%
DBJP	Deutsche X-Trackers MSCI Japan Hedge	Japan Equities	11.86%	+225	8.55%	6.32%	15.70%	8.20	10	0.00%
VOX	Vanguard Telecom Serv's	Communication Equitie	11.59%	+224	2.58%	6.26%	19.81%	2.50	8	-19.91%
DXJ	Wisdom Tree Japan Hedged Equity	Japan Stock	11.38%	+223	8.08%	3.40%	11.39%	7.84	8	0.00%
FXO	1st Trust Financials AlphaDEX	Financial Equities	11.38%	+222	1.07%	10.39%	22.73%	0.39	9	-10.59%
HEWJ	iShares Currency Hedged MSCI Japan	Japan Equities	11.32%	+221	8.23%	4.65%	13.97%	7.76	9	-9.87%
INDA	iShares MSCI India	Emerging Markets Equi	11.29%	+220	2.54%	9.74%	15.43%	1.60	7	-2.34%
IYF	Dow Jones US Financial Sector	Specialty-Financial	11.19%	+219	1.04%	7.60%	20.98%	0.14	7	-40.36%
VFH	Vanguard Financials	Financials Equities	10.97%	+218	0.88%	7.92%	21.63%	0.15	8	-9.19%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	10.78%	+217	2.80%	6.83%	18.13%	2.49	8	0.00%
IYG	Dow Jones US Financial Serv's	Specialty-Financial	10.61%	+216	0.21%	8.39%	22.82%	-0.61	8	-12.50%
PIN	PowerShares India Portfolio	Emerging Markets Equi	10.58%	+215	2.69%	8.79%	14.84%	1.56	7	-50.75%
XLF	Financial Select Sector *	Financial Equities	10.34%	+214	1.58%	7.21%	20.60%	0.88	8	-8.43%
IVW	S&P 500/BARRA Growth	Large Growth	10.30%	+213	3.40%	6.77%	17.97%	3.33	8	-8.50%
KIE	SPDR S&P Insurance	Specialty-Financial	10.27%	+212	4.57%	4.03%	12.43%	3.83	6	-49.96%
VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	10.27%	+211	3.41%	6.70%	17.94%	3.33	8	-8.54%
SPYG	S&P 500 Growth	Large Cap Growth	10.26%	+210	3.37%	6.70%	17.84%	3.27	8	-8.56%
IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	10.09%	+209	3.22%	6.63%	17.83%	3.07	8	-8.42%
IWP	Russell MidCap Growth	Mid-Cap Growth	9.47%	+208	-0.21%	7.85%	21.40%	-0.45	7	-15.65%
VV	Vanguard LargeCap	Large Cap Blend	9.36%	+207	1.80%	6.05%	17.91%	1.62	7	-0.03%
GSLC	Goldman Sachs ActiveBeta U.S. Large C	Large Cap Blend Equiti	9.28%	+206	1.54%	6.32%	17.75%	1.63	7	-0.29%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	9.27%	+205	1.69%	6.20%	17.97%	1.38	7	-50.09%
PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	9.15%	+204	1.03%	6.36%	18.49%	1.11	7	-14.36%

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VT	Vanguard Total World Stock Index	Global Equities	6.07%	+159	0.23%	4.20%	15.16%	-0.41	5	-6.20%
XLY	Consumer Discretionary Sec.*	Consumer Discretionar	5.98%	+158	-2.56%	3.95%	16.91%	-2.19	4	-17.28%
SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	5.95%	+157	-3.86%	7.66%	19.43%	-3.60	5	-58.65%
VO	Vanguard Mid-Cap	Mid-Cap Blend	5.94%	+156	-1.15%	5.73%	17.00%	-1.60	5	-12.36%
DES	Wisdom Tree SmallCap Div.	Small Cap Value	5.90%	+155	-4.92%	5.53%	15.82%	-4.41	3	-64.01%
BBH	VanEck Vectors Biotech	Health & Biotech	5.89%	+154	2.53%	10.65%	16.40%	1.34	8	-24.11%
IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	5.87%	+153	-2.77%	6.99%	19.18%	-2.75	5	-35.91%
IHI	iShares DJ US Medical Devices	Health & Biotech Equiti	5.80%	+152	3.26%	10.31%	24.55%	2.65	10	-85.09%
ITA	iShares DJ US Aerospace&Defense	Industrials Equities	5.77%	+151	-3.34%	2.72%	13.48%	-3.86	2	-49.25%
RSP	Guggenheim S&P Equal Weight	Large Blend	5.73%	+150	-0.76%	6.06%	16.58%	-1.25	5	-5.10%
VBK	Vanguard SmallCap Growth	Small Cap Growth	5.72%	+149	-2.98%	8.26%	19.74%	-2.75	6	-23.11%
IWN	Russell 2000 Value	Small Value	5.61%	+148	-4.92%	7.10%	18.21%	-4.49	4	-16.12%
XLV	Health Care Select SPDR *	Health & Biotech Equiti	5.56%	+147	3.29%	6.35%	13.25%	2.26	6	-2.36%
SCHD	Schwab US Dividend Equity	All Cap Equities	5.52%	+146	0.98%	6.67%	14.48%	0.60	6	-6.53%
DGRO	iShares Core Dividend Growth	Large Cap Value Equiti	5.51%	+145	1.03%	5.36%	14.19%	0.48	5	-3.53%
IYZ	Down Jones US Telecom	Commun. Equities	5.49%	+144	2.63%	7.17%	15.68%	1.14	7	-37.00%
VHT	Vanguard Health Care	Health & Biotech Equiti	5.40%	+143	2.77%	7.17%	14.42%	1.82	7	-4.58%
IYH	Dow Jones US Healthcare	Specialty-Health	5.38%	+142	3.21%	6.72%	13.68%	2.16	6	-3.13%
IWS	Russell MidCap Value	Mid-Cap Value	5.33%	+141	-1.67%	6.08%	16.74%	-2.00	5	-7.78%
EWW	iShares Mexico Index	Latin America Stock	5.33%	+140	-3.97%	4.21%	19.42%	-4.02	4	-5.38%
IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	5.33%	+139	-2.89%	5.91%	18.06%	-2.76	5	-52.08%
EWI	iShares Italy Index	Europe Stock	5.27%	+138	-0.80%	2.07%	15.13%	-1.33	4	-2.87%
VTV	Vanguard Value	Large Cap Value	5.17%	+137	0.46%	4.83%	13.18%	-0.20	5	-1.06%
SCHH	Schwab U.S. REIT	Real Estate	5.13%	+136	-2.29%	7.15%	19.65%	-2.99	5	-61.87%
RWR	Wilshire REIT Fund	Real Estate	5.04%	+135	-1.52%	8.19%	20.27%	-2.28	6	-23.75%
EWN	iShares Netherlands Index	Europe Stock	5.03%	+134	-0.93%	3.49%	19.32%	-1.77	5	-18.48%
VYM	Vanguard High Div. Yield Index	Large Cap Value	5.02%	+133	0.60%	5.29%	13.08%	-0.01	5	-2.95%
ICF	Cohen & Steers Realty	Real Estate	4.97%	+132	-2.13%	6.84%	19.28%	-2.96	5	-54.76%
IWM	Russell 2000	Small Blend	4.94%	+131	-4.49%	7.30%	18.63%	-4.13	4	-20.67%
FPE	First Trust Preferred Securities and Incom	Preferred Stock	4.91%	+130	0.30%	4.83%	9.44%	0.36	4	-18.46%
IHE	iShares DJ US Pharmaceuticals	Health & Biotech Equiti	4.87%	+129	3.44%	7.36%	13.56%	2.06	7	-6.24%
IYR	Dow Jones US Real Estate	Real Estate	4.83%	+128	-2.71%	6.99%	19.97%	-3.38	5	-23.95%
IHDG	WisdomTree International Hedged Divide	Foreign Large Cap Equ	4.83%	+127	0.07%	3.74%	12.75%	-0.17	4	-9.73%
RPV	Guggenheim S&P 500 Pure Value	Large Value	4.81%	+126	-2.44%	6.25%	17.73%	-2.68	5	-10.68%
SCHV	Schwab U.S. Large-Cap Value	Large Cap Value Equiti	4.78%	+125	0.03%	4.89%	13.98%	-0.56	5	-6.04%
IJS	S&P SmallCap 600/BARRA Value	Small Value	4.76%	+124	-5.06%	7.44%	19.05%	-5.17	4	-43.58%
IWD	Russell 1000 Value	Large Value	4.75%	+123	-0.30%	4.87%	13.98%	-0.89	4	-3.95%
VNQ	Vanguard REIT Index	Real Estate	4.60%	+122	-2.63%	7.07%	19.86%	-3.35	5	-26.39%
PCY	PowerShares Emerging Markets Sovereig	Emerging Markets Bon	4.42%	+121	-2.91%	5.09%	13.36%	-2.86	3	-35.28%
IXJ	S&P Global Healthcare	Health & Biotech Equiti	4.34%	+120	2.98%	5.29%	12.76%	1.73	6	-28.31%
DBEF	Deutsche X-Trackers MSCI EAFE Hedge	Foreigh Large Cap Equ	4.33%	+119	0.92%	3.22%	11.14%	0.62	4	-6.84%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	4.29%	+118	-1.35%	4.65%	14.39%	-1.97	4	-7.19%
IWO	Russell 2000 Growth	Small Growth	4.25%	+117	-3.88%	7.67%	19.04%	-3.68	5	-27.83%
EWC	iShares Canada Index	Foreign Large Cap Equ	4.23%	+116	-0.93%	4.22%	14.64%	-1.61	4	-11.24%

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PGX	PowerShares Preferred Portfolio	Preferred Stock/Conver	4.19%	+115	0.95%	6.40%	13.91%	1.39	6	-24.82%
PGF	PowerShares Fin. Preferred Portf.	Specialty-Financial	4.17%	+114	1.16%	6.00%	12.51%	1.78	5	-24.01%
VRP	PowerShares Variable Rate Preferred Por	Preferred Stock	3.97%	+113	1.04%	4.16%	7.77%	1.00	3	-11.94%
RWO	SPDR DJ Wilshire Global Real Estate	Global Real Estate	3.89%	+112	-2.49%	6.36%	18.30%	-3.27	5	-25.23%
ILF	iShares S&P 40 Latin America	Latin America Stock	3.85%	+111	-3.95%	0.07%	11.63%	-4.51	1	-29.75%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equ	3.81%	+110	0.96%	1.90%	9.84%	0.60	3	-12.74%
EWD	iShares Sweden Index	Europe Stock	3.71%	+109	-7.66%	0.80%	18.21%	-7.75	1	-26.28%
FEZ	SPDR Euro Stoxx 50	Europe Stock	3.64%	+108	-2.10%	1.75%	15.54%	-2.51	3	-5.55%
PFF	iShares S&P Preferred Stock	Preferred Stock/Conver	3.62%	+107	0.83%	5.04%	10.76%	0.96	4	-21.82%
FDL	1st Trust Morningstar Div. Lead's	Large Cap Value	3.54%	+106	-0.28%	4.70%	12.89%	-0.64	4	-9.01%
CWB	SPDR Barclays Convertible Securities	Convertible Bonds	3.53%	+105	-1.06%	5.02%	9.59%	-1.44	3	-22.87%
VCLT	Vanguard Long-Term Corporate Bond	Corporate Bonds	3.51%	+104	-1.71%	6.06%	13.93%	-2.23	4	-30.63%
EWA	iShares Australia Index	Asia Pacific Equities	3.51%	+103	-3.96%	3.70%	13.28%	-4.35	2	-14.97%
EWZ	iShares Brazil Index	Latin America Stock	3.35%	+102	-4.79%	-2.40%	10.12%	-5.72	-1	-31.91%
PHB	PowerShares High Yield Corp Bond	High Yield Bonds	3.31%	+101	-0.39%	3.02%	6.86%	-0.39	2	-8.19%
HEZU	iShares Currency Hedged MSCI Eurozon	Europe Equities	3.17%	+100	-0.99%	1.92%	12.10%	-1.26	3	-15.56%
ACWV	iShares Edge MSCI Min Vol Global	Global Equities	3.16%	+99	2.00%	2.64%	8.66%	0.70	3	-6.68%
IAU	iShares Gold Trust	Precious Metals	3.15%	+98	-1.21%	1.37%	1.00%	-1.64	0	-2.61%
EWG	iShares Germany Index	Europe Stock	3.11%	+97	-2.13%	2.37%	16.63%	-2.69	4	-20.81%
HYG	iShares Lehman Hi-Yield Corp.	High Yield Bond	3.09%	+96	-0.39%	2.89%	6.65%	-0.28	2	-13.26%
HEWG	iShares Currency Hedged MSCI Germany	Europe Equities	3.08%	+95	-1.12%	2.88%	13.65%	-1.52	3	-6.50%
GLD	SPDR Gold Shares	Precious Metals	3.07%	+94	-1.23%	1.30%	0.96%	-1.69	0	-3.07%
EPHE	iShares MSCI Philippines	Emerging Markets Equi	3.00%	+93	1.04%	4.87%	13.03%	1.15	5	-34.91%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equ	2.93%	+92	-0.71%	2.96%	15.35%	-1.70	4	-16.45%
PEY	PowerShares Hi Yields Div. Achiev's	Mid-Cap Value	2.93%	+91	-3.94%	4.49%	12.39%	-4.30	2	-10.01%
EWP	iShares Spain Index	Europe Stock	2.91%	+90	-3.48%	-2.55%	12.41%	-3.89	1	-18.79%
EZU	European Monetary Union Index	Europe Stock	2.91%	+89	-2.16%	1.25%	14.81%	-2.59	3	-10.32%
XMLV	PowerShares S&P MidCap Low Volatility	Mid Cap Blend Equities	2.89%	+88	-0.96%	3.47%	10.94%	-0.86	3	-9.94%
SPHD	PowerShares S&P 500 HiDivLowVol	Large Cap Value	2.88%	+87	-0.62%	5.29%	12.43%	-1.06	4	-14.78%
JNK	Barclays Cap. High Yield Bond	High Yield Bond	2.87%	+86	-0.45%	2.73%	6.51%	-0.37	2	-70.94%
LQD	iShares iBoxx \$ Liquid Invest. Gr.	Corporate Bonds	2.86%	+85	-1.01%	4.08%	9.42%	-1.51	3	-21.67%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equ	2.84%	+84	-1.07%	1.89%	12.29%	-1.88	3	-9.98%
SDOG	ALPS Sector Dividend Dogs	Large Cap Value Equiti	2.79%	+83	-0.94%	5.45%	13.68%	-1.40	4	-12.03%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equ	2.77%	+82	-1.41%	0.91%	9.58%	-2.05	2	-14.34%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	2.69%	+81	0.01%	2.47%	11.19%	-1.36	3	-17.06%
PXF	PowerShares FTSE RAFI Developed Mar	Foreign Large Cap Equ	2.68%	+80	-1.89%	1.76%	11.03%	-2.53	2	-8.32%
EMB	iShares Emerging Markets Bond	Emerging Market Bond	2.66%	+79	-1.74%	2.94%	8.01%	-1.76	2	-25.84%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equ	2.66%	+78	-1.30%	1.80%	12.38%	-2.08	3	-11.91%
VCIT	Vanguard Intermediate-Term Corporate B	Corporate Bonds	2.64%	+77	-0.77%	3.47%	7.55%	-1.21	2	-17.36%
IEV	S&P Europe 350 Index	Europe Stock	2.58%	+76	-2.15%	1.48%	12.94%	-2.72	2	-7.78%
XPH	SPDR Pharmaceuticals	Health & Biotech Equiti	2.52%	+75	1.32%	11.99%	17.47%	-0.14	8	-25.80%
DBEU	Deutsche X-Trackers MSCI Europe Hedg	Europe Equities	2.51%	+74	-0.93%	2.16%	10.20%	-1.27	3	-1.69%
IFGL	iShares FTSE EPRA/NAREIT Global Real	Global Real Estate	2.43%	+73	-4.13%	3.61%	15.76%	-5.15	3	-34.91%
SPLV	PowerShares S&P 500 Low Volat.	Large Cap Blend	2.43%	+72	1.64%	2.91%	9.66%	0.59	4	-9.20%

Ticker	ETF Name	Orientation	%M/A		4 wk	8 wk	12 wk	YTD I	/I-Index	DD%
SDY	SPDR Dividend ETF	Large Value	2.42%	+71	-0.55%	3.75%	12.11%	-1.14	4	-6.65%
PZA	Pshares Insured National Munis	National Munis	2.41%	+70	-1.29%	3.80%	9.43%	-1.65	3	-13.59%
VAW	Vanguard Materials VIPERS	Materials	2.39%	+69	-4.31%	2.47%	11.36%	-4.08	1	-8.67%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	2.38%	+68	-1.54%	1.90%	12.51%	-2.34	3	-12.45%
NOBL	ProShares S&P 500 Dividend Aristocrats	Large Cap Value Equiti	2.38%	+67	-0.49%	3.82%	11.98%	-1.05	4	-4.56%
SCHF	Schwab International Equity	Foreign Large Cap Equ	2.35%	+66	-1.39%	1.18%	11.65%	-2.22	2	-11.51%
IDV	iShares International Select Dividend	Foreign Large Cap Equ	2.31%	+65	-2.44%	1.87%	11.37%	-2.68	2	-24.08%
HYS	PIMCO 0-5 Year High Yield Corp Bond	High Yield Bonds	2.31%	+64	-0.57%	2.09%	4.79%	-0.08	2	-8.75%
VWOB	Vanguard Emerging Markets Gov Bonds	Emerging Markets Bon	2.28%	+63	-1.79%	2.93%	8.00%	-1.90	2	-24.89%
VGK	Vanguard European	Europe Equities	2.21%	+62	-2.51%	1.33%	13.25%	-3.09	2	-11.49%
PJP	Dynamic Pharmaceuticals	Health & Biotech Equiti	2.18%	+61	1.30%	8.30%	12.61%	0.45	6	-8.50%
SHYG	iShares 0-5 Year High Yield Corporate Bo	High Yield Bonds	2.13%	+60	-0.09%	1.83%	4.43%	0.00	2	-12.10%
DVY	iShares Select Dividend Index	Large Cap Value	2.08%	+59	-1.59%	3.76%	11.57%	-2.00	3	-13.06%
BAB	PowerShares Build America Bond Portfoli	National Munis	2.05%	+58	-0.89%	3.98%	8.03%	-1.04	3	-23.12%
SJNK	SPDR Barclays Short Term High Yield Bo	High Yield Bonds	2.04%	+57	-0.24%	1.95%	4.41%	-0.08	2	-10.73%
DFE	Wisdom Tree Europe SmCap Div.	Europe Stock	1.98%	+56	-4.30%	3.19%	16.60%	-4.44	3	-27.97%
HDV	iShares Core High Dividend	Large Cap Value Equiti	1.87%	+55	0.59%	3.63%	9.20%	0.40	3	-6.84%
VCSH	Vanguard Short-Term Corporate Bond	Corporate Bonds	1.87%	+54	0.10%	1.78%	3.07%	-0.16	1	-7.21%
EWL	iShares Switzerland Index	Europe Stock	1.79%	+53	-1.45%	3.54%	12.38%	-3.13	3	-11.81%
FLTB	Fidelity Limited Term Bond	Corporate Bonds	1.76%	+52	-0.20%	1.80%	3.13%	-0.08	1	-7.05%
MUB	iShares S&P National Muni Bond	National Munis	1.71%	+51	-0.74%	2.00%	6.19%	-0.85	2	-8.86%
REZ	iShares Residential Real Estate Capped	Specialty-Real Estate	1.65%	+50	-1.82%	6.68%	16.22%	-2.94	5	-28.05%
XLB	Materials Select Sector *	Materials	1.62%	+49	-3.94%	1.37%	9.71%	-3.87	1	-9.25%
IXUS	iShares Core MSCI Total International Sto	Global Equties	1.61%	+48	-1.45%	0.75%	10.58%	-2.62	2	-16.28%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equi	1.59%	+47	2.70%	-0.34%	8.64%	1.37	3	-26.68%
ACWX	iShares MSCI ACWI ex US	Global Equities	1.55%	+46	-1.59%	0.55%	10.38%	-2.72	2	-16.05%
IYM	Dow Jones US Basic Mat's	Materials	1.54%	+45	-4.70%	1.83%	9.35%	-4.35	1	-14.20%
BIV	Vanguard Intermed. Term Bond	Intermediate-Term Bon	1.53%	+44	-0.85%	3.10%	5.99%	-1.11	2	-19.96%
VEU	Vanguard FTSE All-Word ex-US	Global Equities	1.46%	+43	-1.42%	0.75%	10.41%	-2.51	2	-16.16%
VXUS	Vanguard Total International Stock	Global Equities	1.46%	+42	-1.43%	0.89%	10.54%	-2.62	2	-16.39%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	1.42%	+41	-2.84%	1.85%	13.43%	-3.70	2	-24.62%
BOND	PIMCO Total Return Active Exchange-Tra	Total Bond Market	1.40%	+40	-1.10%	3.15%	6.41%	-1.04	2	-19.16%
RWX	SPDR DJ Wil Intern. RE	Real Estate	1.39%	+39	-4.46%	2.71%	13.80%	-5.72	2	-40.32%
BSV	Vanguard Short Term Bond	Total Bond Market	1.38%	+38	-0.04%	1.51%	2.29%	-0.22	1	-7.74%
IHF	iShares DJ US Healthcare Provid's	Health & Biotech Equiti	1.37%	+37	-1.64%	-0.08%	5.65%	-2.05	0	-13.09%
AGG	iShares Lehman Aggregate Bond	Intermediate-Term Bon	1.37%	+36	-0.82%	3.02%	5.86%	-1.24	2	-18.06%
BND	Vanguard Total Bond Market	Intermediate-Term Bon	1.37%	+35	-0.94%	2.99%	5.76%	-1.20	2	-18.79%
DWX	SPDR S&P International Dividend	Foreign Large Cap Equ	1.37%	+34	-0.57%	1.51%	9.07%	-1.86	2	-18.69%
GVI	iShares Lehman Interm. Govt/Credit	Total Bond Market	1.32%	+33	-0.38%	1.92%	3.34%	-0.56	1	-11.98%
DHS	Wisdom Tree High-Yield Equity	Large Cap Value	1.22%	+32	-1.91%	3.19%	9.27%	-2.01	2	-11.69%
SCHZ	Schwab US Aggregate Bond	Total Bond Market	1.21%	+31	-0.99%	2.93%	5.74%	-1.27	2	-19.13%
FXB	CurrencyShares British Pound	Currency	1.12%	+30	-0.09%	0.67%	4.76%	-0.49	1	-16.00%
IEI	iShares Lehman 3-7 Yr. Tresury	Government Bonds	1.12%	+29	-0.44%	2.11%	3.34%	-0.64	1	-13.21%
FXH	1st Trust Health Care AlphaDEX	Health & Biotech Equiti	1.08%	+28	0.10%	6.47%	14.47%	-0.46	5	-19.55%

Ticker	ETF Name	Orientation	%M/A		4 wk	8 wk	12 wk	YTD	M-Index	DD%
BLV	Vanguard Long Term Bond	Long-Term Bond	1.02%	+27	-2.76%	5.06%	12.32%	-3.31	3	-38.65%
EWQ	iShares France Index	Europe Stock	1.01%	+26	-3.09%	0.56%	12.32%	-3.22	2	-6.25%
VGIT	Vanguard Intermediate-Term Gov Bonds	Government Bonds	0.87%	+25	-0.64%	2.24%	3.74%	-0.83	1	-16.97%
BKLN	PowerShares Exchange-Traded Fund Tru	High Yield Bonds	0.85%	+24	0.05%	1.34%	1.93%	-0.05	1	-9.61%
SHY	iShares Lehman 1-3 Year Treasury	Government Bonds	0.84%	+23	0.10%	0.91%	1.16%	-0.01	1	-5.50%
TIP	iShares TIPS Bond Fd	Inflation-Protected Bon	0.77%	+22	-0.37%	2.70%	3.68%	-0.44	1	-18.22%
BWX	SPDR Lehman Intl Treasury Bond	World Gov Bond	0.77%	+21	-3.15%	1.72%	6.56%	-3.32	0	-28.74%
FXG	1st Trust Consumer Staples	Consumer Staples Equi	0.75%	+20	0.24%	2.41%	8.80%	-1.08	3	-8.11%
SCHR	Schwab Intermediate-Term U.S. Treasury	Government Bonds	0.74%	+19	-0.66%	2.20%	3.68%	-0.82	1	-16.37%
VGSH	Vanguard Short-Term Government	Government Bonds	0.73%	+18	0.10%	0.88%	1.11%	-0.05	1	-6.48%
TOTL	SPDR DoubleLine Total Return Tactical	Total Bond Market	0.63%	+17	-0.52%	3.16%	5.59%	-0.92	2	-20.79%
SCHO	Schwab Short-Term U.S. Treasury	Government Bonds	0.63%	+16	0.10%	0.83%	1.04%	-0.04	0	-6.38%
FBT	1st Trust Biotechnolgy Index	Health & Biotech Equiti	0.62%	+15	-3.08%	7.50%	14.45%	-4.06	4	-17.96%
VSS	Vanguard FTSE All-Wld ex-US SmCP ldx	Foreign Small & Mid Ca	0.62%	+14	-2.92%	0.55%	11.21%	-3.83	1	-22.11%
GOVT	iShares Core U.S. Treasury Bond	Government Bonds	0.57%	+13	-1.04%	2.34%	4.31%	-1.30	1	-19.65%
FXE	CurrencyShares Euro Currency Trust	Currency	0.54%	+12	-1.08%	-0.42%	3.04%	-1.36	0	-16.45%
SCHP	Schwab U.S. TIPs	Inflation-Protected Bon	0.50%	+11	-0.33%	2.38%	3.42%	-0.48	1	-18.69%
FTSM	First Trust Enhanced Short Maturity	Total Bond Market	0.35%	+10	-0.07%	0.18%	0.23%	0.25	0	-0.68%
BNDX	Vanguard Total International Bond	Total Bond Market	0.33%	+9	-1.23%	0.14%	2.20%	-1.15	0	-17.61%
VDC	Vanguard Consumer Staples	Consumer Staples Equi	0.32%	+8	0.99%	2.56%	8.25%	-0.06	3	-8.39%
DEM	WisdomTree Emerg. Mkts Hi-Yld E.	Emerging Mkts Equities	0.30%	+7	-2.83%	-0.72%	6.77%	-4.57	0	-22.79%
FLOT	iShares Floating Rate Bond	Corporate Bonds	0.29%	+6	0.55%	0.10%	-0.02%	0.43	0	-0.49%
VTIP	Vanguard Short-Term Inflation-Protected	Inflation-Protected Bon	0.28%	+5	0.21%	0.30%	0.72%	0.11	0	-9.96%
IEF	iShares Lehman 7-10 Yr Treasury	Government Bonds	0.23%	+4	-1.30%	2.89%	5.40%	-1.50	1	-22.85%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	0.23%	+3	-3.26%	0.60%	11.66%	-3.96	1	-23.98%
TBF	ProShares Short 20+Year Treasury	Inverse Bonds	0.02%	+2	5.47%	-6.00%	-11.66%	5.52	-2	-13.30%
IWY	Russell Top 200 Growth	Small Growth	0.00%	+1	3.62%	7.25%	21.20%	3.49	9	0.00%
RSX	Market Vectors Russia	Emerging Markets Equi	0.00%	-1	0.00%	0.00%	0.00%	0.00	0	-83.14%
EWM	iShares Malaysia Index	Emerging Markets Equi	-0.05%	-2	-0.71%	-1.04%	2.94%	-1.13	0	-42.39%
TUR	iShares Turkey Investment Index	Emerging Markets Equi	-0.09%	-3	1.81%	-4.51%	-0.88%	4.40	0	-28.48%
VNQI	Vanguard Global ex-U.S. Real Estate	Global Real Estate	-0.19%	-4	-3.71%	-1.44%	10.18%	-4.98	0	-37.87%
XLP	Consumer Staples Select *	Consumer Staples	-0.25%	-5	1.17%	2.33%	8.22%	0.03	3	-10.57%
EWK	iShares Belgium Index	Europe Stock	-0.45%	-6	-3.63%	-2.44%	11.37%	-4.30	0	-22.32%
TLH	iShares Lehman 10-20 Yr Treasury	Government Bonds	-0.61%	-7	-2.92%	4.88%	10.14%	-3.51	2	-39.38%
TBT	ProShares UltraShort Lehman 20 Yr Trea	Leveraged Bonds	-0.69%	-8	10.29%	-10.89%	-21.85%	11.09	-3	-24.69%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	-1.05%	-9	-4.21%	-0.02%	7.84%	-5.21	0	-23.75%
EWU	iShares United Kingdom Index	Europe Stock	-1.10%	-10	-2.92%	-1.63%	5.79%	-3.30	-1	-15.63%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equi	-1.22%	-11	-2.20%	-2.38%	5.82%	-4.31	-1	-30.32%
VWO	Vanguard Emerging Markets	Emerging Markets Equi	-1.67%	-12	-1.56%	-2.39%	4.90%	-3.58	-1	-29.85%
GSG	iShares GSCI Commodity Index	Commodities.	-1.93%	-13	0.10%	-1.97%	-7.96%	1.45	-2	-22.74%
TLT	iShares 20+ Treas. Bd	Government Bonds	-1.94%	-14	-4.45%	4.78%	11.52%	-4.84	2	-45.16%
IYK	Dow Jones US Cons. Goods	Consumer Staples Equi	-1.95%	-15	0.65%	0.33%	5.95%	-0.48	2	-10.60%

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FXN 1st Trust Energy AlphaDEX Energy Equities -4.47% -36 -6.40% -7.23% -8.14% -5.39 -7.23% XLU Utilities Select Sector * Utilities Equities -4.47% -37 -2.62% -2.73% 3.83% -3.71 -1 DJP Bloomberg Commodity Index Commodities -4.74% -38 -2.29% -4.44% -8.34% -1.61 -4 VPU Vanguard Utilities VIPERS Utilities Equities -4.82% -39 -3.00% -2.44% 3.92% -3.97 -1 ZROZ PIMCO 25 Yr Zero Coupon US Treas Idx Government Bonds -4.87% -40 -8.85% 5.39% 17.28% -8.77 1 EWY iShares S. Korea Index Pacific Asia/excl. Japan -4.89% -41 -7.36% -4.91% 8.46% -9.57 -3 PPLT ETFS Physical Platinum Shares Precious Metals -5.05% -42 -7.61% -3.26% -0.42% -9.05 -5.8 SIL Global X Silver Miners Com	
XLU Utilities Select Sector * Utilities Equities -4.47% -37 -2.62% -2.73% 3.83% -3.71 -1.61 DJP Bloomberg Commodity Index Commodities -4.74% -38 -2.29% -4.44% -8.34% -1.61 -4 VPU Vanguard Utilities VIPERS Utilities Equities -4.82% -39 -3.00% -2.44% 3.92% -3.97 -1 ZROZ PIMCO 25 Yr Zero Coupon US Treas Idx Government Bonds -4.87% -40 -8.85% 5.39% 17.28% -8.77 1 EWY iShares S. Korea Index Pacific Asia/excl. Japan -4.89% -41 -7.36% -4.91% 8.46% -9.57 -3.26 PPLT ETFS Physical Platinum Shares Precious Metals -5.05% -42 -7.61% -3.26% -0.42% -9.05 -5.5 SIL Global X Silver Miners Commodity Producers -5.18% -43 -13.34% -4.17% 1.66% -11.60 -7 VDE Vanguard Energy VIPERS <td< td=""><td>-19.29%</td></td<>	-19.29%
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VPU Vanguard Utilities VIPERS Utilities Equities -4.82% -39 -3.00% -2.44% 3.92% -3.97 -1.28% ZROZ PIMCO 25 Yr Zero Coupon US Treas Idx Government Bonds -4.87% -40 -8.85% 5.39% 17.28% -8.77 1 EWY iShares S. Korea Index Pacific Asia/excl. Japan -4.89% -41 -7.36% -4.91% 8.46% -9.57 -2.78 PPLT ETFS Physical Platinum Shares Precious Metals -5.05% -42 -7.61% -3.26% -0.42% -9.05 -5.78 SIL Global X Silver Miners Commodity Producers -5.18% -43 -13.34% -4.17% 1.66% -11.60 -7 VDE Vanguard Energy VIPERS Energy Equities -5.19% -44 -5.78% -5.94% -5.96% -4.46 -6	-21.94%
ZROZ PIMCO 25 Yr Zero Coupon US Treas Idx Government Bonds -4.87% -40 -8.85% 5.39% 17.28% -8.77 1 EWY iShares S. Korea Index Pacific Asia/excl. Japan -4.89% -41 -7.36% -4.91% 8.46% -9.57 -3 PPLT ETFS Physical Platinum Shares Precious Metals -5.05% -42 -7.61% -3.26% -0.42% -9.05 -5.8 SIL Global X Silver Miners Commodity Producers -5.18% -43 -13.34% -4.17% 1.66% -11.60 -7 VDE Vanguard Energy VIPERS Energy Equities -5.19% -44 -5.78% -5.94% -5.96% -4.46 -6	-27.43%
EWY iShares S. Korea Index Pacific Asia/excl. Japan -4.89% -41 -7.36% -4.91% 8.46% -9.57 -3.26% PPLT ETFS Physical Platinum Shares Precious Metals -5.05% -42 -7.61% -3.26% -0.42% -9.05 -5.58% SIL Global X Silver Miners Commodity Producers -5.18% -43 -13.34% -4.17% 1.66% -11.60 -7 VDE Vanguard Energy VIPERS Energy Equities -5.19% -44 -5.78% -5.94% -5.96% -4.46 -6	-22.30%
PPLT ETFS Physical Platinum Shares Precious Metals -5.05% -42 -7.61% -3.26% -0.42% -9.05 -5.05% SIL Global X Silver Miners Commodity Producers -5.18% -43 -13.34% -4.17% 1.66% -11.60 -7 VDE Vanguard Energy VIPERS Energy Equities -5.19% -44 -5.78% -5.94% -5.96% -4.46 -6	-59.02%
SIL Global X Silver Miners Commodity Producers -5.18% -43 -13.34% -4.17% 1.66% -11.60 -7 VDE Vanguard Energy VIPERS Energy Equities -5.19% -44 -5.78% -5.94% -5.96% -4.46 -6	-38.41%
VDE Vanguard Energy VIPERS Energy Equities -5.19% -44 -5.78% -5.94% -5.96% -4.46 -6	-30.58%
	-53.20%
XLE Energy Select Sector * Energy Equities -5.28% -45 -5.66% -5.60% -5.27% -4.38 -5.20%	-15.04%
	-14.79%
GUNR FlexShares Global Upstream Natural Res Commodity Producers -5.36% -46 -6.48% -5.13% -1.49% -6.59 -5.59	-21.83%
IYE Dow Jones US Energy Specialty-Natural Res5.56% -47 -5.97% -5.89% -5.61% -4.71 -6	-16.75%
RWM ProShares Short Russell2000 Inverse Equities -6.03% -48 5.10% -8.09% -16.64% 4.60 -4	-65.06%
GDXJ VanEck Vectors Junior Gold Miners Commodity Producers -6.12% -49 -12.72% -5.49% -1.57% -10.60 -6	-47.09%
RING iShares MCSI Global Gold Miners Fund Commodity Producers -6.60% -50 -13.03% -4.67% -3.88% -11.23 -6.60%	-40.87%
DBC PowerShares DB Commodity Index Commodities -7.38% -51 -1.30% -8.66% -12.24% -0.45 -6	-28.14%
GDX Mkt Vector Gold Miners Specialty-Precious Met -7.82% -52 -12.26% -5.56% -5.17% -10.71 -8	-37.82%
ECH iShares Chile Index Latin America -7.88% -53 -6.83% -3.50% 5.60% -9.07 -3.50%	-54.34%
DOG ProShares Short Dow 30 Bear Market -7.94% -54 -0.64% -6.78% -14.26% 0.00 -5	-66.79%
THD iShares Thailand Capped Invest Mrkt Idx Emerging Markets Equi -8.53% -55 -5.04% -3.18% 0.02% -6.17 -4	-41.10%
SH Short S&P 500 ProShares ETF Inverse Equities -8.55% -56 -1.23% -6.48% -15.13% -1.08 -6	-69.15%
MOO VanEck Vectors Agribusiness Commodity Producers -9.01% -57 -4.19% -2.91% 0.03% -5.25 -3	-33.37%
HDGE Ranger Equity Bear Inverse Equities -10.76% -58 -2.43% -13.68% -20.84% 7.05 -7	-81.74%
ASHR Deutsche X-Trackers China A-Shares China Equities -12.97% -59 -2.46% -10.24% -8.31% -5.40 -7	-51.25%
PSQ ProShares Short QQQ Inverse Equities -13.09% -60 -2.63% -8.61% -18.59% -2.53 -8	-83.39%

Ticker	ETF Name	Orientation	%M/A		4 wk	8 wk	12 wk	YTD N	1-Index	DD%
EWH	iShares Hong Kong Index	China Equities	-13.32%	-61	-7.13%	-10.61%	-6.25%	-9.27	-8	-43.91%
AGQ	ProShares Ultra Silver	Leveraged Commoditie	-13.53%	-62	-13.61%	-16.15%	-8.00%	-10.75	-12	-65.21%
MCHI	iShares MSCI China	China Equities	-15.52%	-63	-5.73%	-15.14%	-11.64%	-9.08	-10	-61.89%
FXI	iShares China 25 Index	China Equities	-18.07%	-64	-5.94%	-17.75%	-15.54%	-9.78	-12	-60.20%
UNG	U.S. Natural Gas Fund	Oil & Gas	-21.02%	-65	3.17%	-12.01%	-27.78%	2.56	-9	-94.11%
HEDJ	WisdomTree Europe Hedged Equity	Europe Equities	-25.57%	-66	-1.57%	2.51%	12.33%	-1.75	3	-49.84%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	-51.12%	-67	2.36%	6.91%	13.58%	2.17	6	-85.08%
PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	-51.17%	-68	0.37%	5.65%	15.81%	-0.09	5	-79.96%