

HV ETF Cutline Report: As of 10/18/2024

Ticker	ETF Name	Orientation	%M/A		4 wk	8 wk	12 wk	YTD	M-Index	DD%
AGQ	ProShares Ultra Silver	Leveraged Commoditie	32.99%	+256	14.94%	23.29%	39.21%	71.84	37	-33.01%
RING	iShares MCSI Global Gold Miners Fund	Commodity Producers	27.46%	+255	6.11%	9.25%	20.54%	45.65	20	-2.98%
GDXJ	VanEck Vectors Junior Gold Miners	Commodity Producers	26.86%	+254	8.37%	12.86%	21.25%	42.10	21	-15.89%
SIL	Global X Silver Miners	Commodity Producers	25.93%	+253	10.72%	16.36%	18.35%	38.67	21	-26.59%
GDX	Mkt Vector Gold Miners	Specialty-Precious Met	24.75%	+252	6.52%	9.68%	18.28%	39.15	18	-3.10%
FXI	iShares China 25 Index	China Equities	22.86%	+251	18.49%	21.49%	26.06%	33.87	25	-40.94%
URE	ProShares Ultra Real Estate	Leveraged Real Estate	22.66%	+250	0.40%	5.87%	19.52%	19.54	11	-34.57%
SLV	iShares Silver Trust	Precious Metals	19.61%	+249	7.85%	12.65%	20.25%	40.68	20	0.00%
MCHI	iShares MSCI China	China Equities	18.46%	+248	18.35%	18.74%	22.40%	23.93	21	-48.05%
EZA	iShares South Africa Index	Emerging Markets Equi	17.79%	+247	4.31%	5.75%	15.20%	20.94	12	-33.48%
XLU	Utilities Select Sector *	Utilities Equities	17.00%	+246	2.34%	8.66%	15.15%	29.40	14	-0.32%
IYZ	Down Jones US Telecom	Commun. Equities	16.53%	+245	5.90%	11.40%	16.19%	15.07	12	-28.33%
ITB	iShares DJ US Home Construction	Building and Constructi	16.26%	+244	2.99%	5.03%	8.60%	27.14	11	0.00%
VPU	Vanguard Utilities VIPERS	Utilities Equities	16.24%	+243	2.01%	7.96%	13.81%	28.63	13	-0.43%
KBWB	PowerShares KBW Bank Portfolio	Financials Equities	15.95%	+242	6.13%	7.51%	6.28%	27.69	12	-17.08%
KRE	SPDR S&P Region.Banking	Specialty-Financial	15.86%	+241	3.38%	3.31%	0.69%	13.75	5	-24.30%
IDU	Dow Jones US Utilities	Utilities Equities	15.85%	+240	2.38%	7.70%	14.08%	29.63	13	-41.48%
KBE	SPDR S&P Bank	Specialty-Financial	15.84%	+239	3.54%	4.00%	1.66%	20.86	8	-7.93%
THD	iShares Thailand Capped Invest Mrkt Idx	Emerging Markets Equi	15.75%	+238	1.82%	12.60%	24.25%	8.57	12	-31.85%
XHB	SPDR Series Trust SPDR Home Builders	Building & Construction	15.73%	+237	2.71%	5.30%	7.40%	31.24	12	0.00%
IAU	iShares Gold Trust	Precious Metals	15.60%	+236	3.74%	8.31%	13.95%	31.62	14	0.00%
GLD	SPDR Gold Shares	Precious Metals	15.54%	+235	3.74%	8.30%	13.89%	31.44	14	0.00%
FXU	1st Trust Utilities AlphaDEX	Utilities Equities	14.93%	+234	2.45%	8.19%	13.86%	22.95	12	-0.46%
JXI	iShares S&P Global Utilities	Utilities Equities	14.35%	+233	1.95%	6.80%	13.11%	21.47	11	-0.38%
ITA	iShares DJ US Aerospace&Defense	Industrials Equities	14.16%	+232	4.71%	6.94%	9.91%	22.32	11	-35.42%
REZ	iShares Residential Real Estate Capped	Specialty-Real Estate	14.15%	+231	-1.38%	2.39%	9.81%	19.68	8	-11.28%
FXO	1st Trust Financials AlphaDEX	Financial Equities	14.11%	+230	5.07%	6.77%	7.71%	24.90	11	-0.31%
IYF	Dow Jones US Financial Sector	Specialty-Financial	14.05%	+229	5.25%	7.15%	8.44%	28.47	12	-23.49%
ASHR	Deutsche X-Trackers China A-Shares	China Equities	13.87%	+228	20.98%	17.75%	17.85%	16.23	18	-40.11%
EWS	iShares Singapore Index	Pacific Asia/excl. Japan	13.39%	+227	0.09%	7.28%	13.21%	18.24	10	-21.57%
VFH	Vanguard Financials	Financials Equities	13.33%	+226	4.82%	7.44%	9.19%	25.80	12	0.00%
PEZ	PowerShares Consumer Cyclical	All Cap Equities	13.01%	+225	4.04%	4.79%	11.31%	29.90	13	0.00%
XLF	Financial Select Sector *	Financial Equities	12.87%	+224	4.29%	7.18%	9.70%	26.65	12	0.00%
KIE	SPDR S&P Insurance	Specialty-Financial	12.82%	+223	3.45%	5.93%	9.69%	29.17	12	-37.75%
SPHD	PowerShares S&P 500 HiDivLowVol	Large Cap Value	12.03%	+222	1.90%	4.46%	8.18%	20.42	9	0.00%
SCHH	Schwab U.S. REIT	Real Estate	11.94%	+221	-0.04%	3.11%	9.29%	11.93	6	-56.01%
ICF	Cohen & Steers Realty	Real Estate	11.80%	+220	-0.44%	2.84%	9.88%	12.31	6	-47.64%
IYR	Dow Jones US Real Estate	Real Estate	11.77%	+219	-0.32%	2.82%	9.10%	11.52	6	-12.23%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	11.54%	+218	4.84%	6.97%	12.50%	26.13	13	-81.58%
EWH	iShares Hong Kong Index	China Equities	11.54%	+217	8.59%	14.47%	19.11%	4.78	12	-35.23%
XPH	SPDR Pharmaceuticals	Health & Biotech Equiti	11.50%	+216	5.39%	7.09%	9.29%	13.62	9	-15.57%

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XLI	Industrial Select Sector *	Industrial Equities	11.49%	+215	4.57%	7.73%	10.27%	22.18	11	0.00%
EWT	iShares Taiwan Index	Pacific Asia/excl. Japan	11.48%	+214	6.58%	4.15%	8.67%	23.09	11	-16.39%
VNQ	Vanguard REIT Index	Real Estate	11.34%	+213	-0.29%	2.88%	8.86%	10.36	5	-15.95%
RWR	Wilshire REIT Fund	Real Estate	11.33%	+212	-0.11%	2.74%	9.05%	12.18	6	-12.47%
EWM	iShares Malaysia Index	Emerging Markets Equi	11.27%	+211	-3.79%	3.06%	12.01%	21.98	8	-28.93%
IYJ	Dow Jones US Industrial	Industrial Equities	11.24%	+210	4.24%	7.81%	10.48%	20.55	11	-28.56%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	10.95%	+209	6.23%	6.73%	10.36%	18.09	10	-22.99%
VIS	Vanguard Industrials	industrials Equities	10.92%	+208	4.34%	7.14%	8.83%	21.26	10	0.00%
XME	SPDR S&P Metals & Mining	Commodity Producers	10.80%	+207	10.38%	11.45%	6.33%	11.40	10	0.00%
MTUM	iShares Edge MSCI USA Momentum Fact	All Cap Equities	10.73%	+206	3.85%	5.79%	11.29%	33.42	14	0.00%
PKW	PowerShares Buyback Achievers	All Cap Equities	10.67%	+205	4.05%	6.27%	8.50%	18.72	9	0.00%
VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	10.64%	+204	2.77%	4.06%	8.46%	29.92	11	-0.23%
SPYG	S&P 500 Growth	Large Cap Growth	10.62%	+203	2.79%	3.96%	8.54%	29.85	11	-0.27%
IVW	S&P 500/BARRA Growth	Large Growth	10.60%	+202	2.76%	3.88%	8.48%	29.85	11	-0.29%
DHS	Wisdom Tree High-Yield Equity	Large Cap Value	10.59%	+201	3.04%	4.08%	5.54%	16.90	7	-0.08%
VGT	Vanguard Info Technology	Technolgy Equities	10.57%	+200	4.49%	4.06%	7.48%	24.70	10	-0.71%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equi	10.44%	+199	5.43%	6.28%	9.92%	17.51	10	-15.88%
SDOG	ALPS Sector Dividend Dogs	Large Cap Value Equiti	10.33%	+198	3.33%	4.06%	6.29%	16.99	8	-0.30%
IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	10.31%	+197	2.75%	3.95%	8.13%	29.03	11	-0.26%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	10.23%	+196	2.59%	4.81%	7.94%	17.63	8	0.00%
PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	10.15%	+195	4.44%	5.77%	10.69%	25.29	12	-0.18%
DVY	iShares Select Dividend Index	Large Cap Value	10.15%	+194	1.20%	3.49%	5.71%	16.77	7	-0.18%
IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	10.03%	+193	3.74%	4.42%	5.58%	12.98	7	-44.32%
FBT	1st Trust Biotechnolgy Index	Health & Biotech Equiti	9.99%	+192	0.68%	1.52%	4.35%	9.45	4	-6.41%
XMLV	PowerShares S&P MidCap Low Volatility	Mid Cap Blend Equities	9.91%	+191	2.87%	4.44%	6.40%	17.15	8	-0.05%
SPLV	PowerShares S&P 500 Low Volat.	Large Cap Blend	9.89%	+190	2.75%	4.61%	8.76%	16.71	8	0.00%
IYW	Dow Jones US Technology	Technology Equities	9.89%	+189	3.87%	3.90%	7.38%	26.44	10	-2.22%
IWY	Russell Top 200 Growth	Small Growth	9.88%	+188	2.40%	3.73%	8.12%	27.74	10	-0.95%
VWO	Vanguard Emerging Markets	Emerging Markets Equi	9.86%	+187	5.61%	6.12%	9.40%	16.37	9	-15.33%
IWF	Russell 1000 Growth	Large Growth	9.76%	+186	2.62%	4.00%	8.38%	26.27	10	-0.20%
VUG	Vanguard Growth	Large Cap Growth	9.75%	+185	2.96%	3.81%	8.42%	26.15	10	0.00%
MGK	Vanguard Mega Cap Growth	Large Cap Growth Equi	9.68%	+184	2.64%	3.52%	8.37%	26.30	10	-0.75%
EWC	iShares Canada Index	Foreign Large Cap Equ	9.62%	+183	2.26%	4.55%	9.68%	14.61	8	0.00%
GSLC	Goldman Sachs ActiveBeta U.S. Large C	Large Cap Blend Equiti	9.55%	+182	2.89%	4.24%	7.48%	22.92	9	0.00%
IWB	Russell 1000 Index	Large Blend	9.52%	+181	2.68%	4.11%	7.45%	22.32	9	0.00%
VO	Vanguard Mid-Cap	Mid-Cap Blend	9.51%	+180	3.32%	5.37%	8.52%	16.20	8	0.00%
SPY	SPDR S&P 500	Large Cap Blend	9.51%	+179	2.88%	4.00%	7.37%	22.99	9	0.00%
IWP	Russell MidCap Growth	Mid-Cap Growth	9.50%	+178	4.61%	6.66%	10.69%	16.85	10	-0.99%
VV	Vanguard LargeCap	Large Cap Blend	9.50%	+177	2.64%	4.06%	7.50%	23.00	9	0.00%
VOO	Vanguard S&P 500	Large Cap Blend Equiti	9.49%	+176	2.57%	4.01%	7.40%	23.02	9	0.00%
IWV	Russell 3000 Index	All Cap Equities	9.49%	+175	2.67%	4.11%	7.08%	21.81	9	0.00%
IVV	S&P 500	Large Blend	9.48%	+174	2.53%	3.93%	7.32%	22.99	9	0.00%
VTI	Total Stock Market VIPERs	All Cap Equities	9.44%	+173	2.64%	4.07%	7.12%	21.78	9	0.00%
ITOT	iShares Core S&P Total U.S. Stock Marke	All Cap Equities	9.43%	+172	2.58%	4.00%	7.01%	21.79	9	0.00%

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USMV	iShares Edge MSCI Min Vol USA	All Cap Equities	9.34%	+171	1.73%	2.90%	7.51%	19.02	8	0.00%
SPHQ	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	9.34%	+170	1.29%	3.17%	6.59%	25.87	9	-0.06%
VOX	Vanguard Telecom Serv's	Communication Equitie	9.31%	+169	2.89%	5.23%	10.02%	25.03	11	-2.30%
SDY	SPDR Dividend ETF	Large Value	9.31%	+168	2.61%	3.94%	7.28%	14.97	7	0.00%
FDL	1st Trust Morningstar Div. Lead's	Large Cap Value	9.29%	+167	1.39%	3.31%	4.82%	18.28	7	-0.31%
DGRO	iShares Core Dividend Growth	Large Cap Value Equiti	9.26%	+166	2.19%	3.99%	6.61%	18.71	8	0.00%
VTV	Vanguard Value	Large Cap Value	9.20%	+165	2.38%	4.29%	6.54%	18.94	8	0.00%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	9.19%	+164	1.55%	5.20%	10.44%	10.41	7	-11.19%
IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	9.16%	+163	3.15%	3.74%	5.02%	11.44	6	-26.55%
VIG	Vanguard Div. Appreciation	Large Cap Value Equiti	9.16%	+162	2.00%	4.11%	6.96%	18.26	8	0.00%
DON	Wisdom Tree MidCap Div.	Mid-Cap Value	9.14%	+161	3.14%	4.35%	5.27%	14.47	7	-48.46%
VXF	Vanguard Extended Markets VIPERS	Mid Cap Blend	9.13%	+160	3.33%	4.47%	5.02%	14.20	7	-6.11%
VYM	Vanguard High Div. Yield Index	Large Cap Value	9.10%	+159	3.49%	4.50%	6.40%	17.74	8	-0.03%
XLY	Consumer Discretionary Sec.*	Consumer Discretionar	9.06%	+158	1.43%	6.20%	9.25%	11.58	7	-5.63%
IYC	iShares US Consumer Services	Consumer Discretionar	9.06%	+157	2.15%	5.48%	9.84%	16.88	9	-68.03%
VBR	Vanguard SmallCap Value	Small Cap Value	8.98%	+156	2.59%	3.67%	4.13%	13.94	6	0.00%
IWO	Russell 2000 Growth	Small Growth	8.96%	+155	2.31%	3.32%	1.97%	15.20	6	-13.68%
FEX	First Trust Large Cap Core AlphaDEX	Large Cap Blend Equity	8.90%	+154	3.27%	5.02%	7.53%	18.30	9	0.00%
IWD	Russell 1000 Value	Large Value	8.90%	+153	2.66%	4.19%	6.39%	17.19	8	0.00%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	8.88%	+152	2.25%	2.84%	7.71%	23.98	9	-0.42%
IWR	Russell MidCap Index Fs	Mid-Cap Blend	8.85%	+151	2.89%	4.32%	7.01%	15.86	8	-59.81%
DES	Wisdom Tree SmallCap Div.	Small Cap Value	8.83%	+150	2.15%	2.63%	0.95%	9.29	4	-58.84%
RWO	SPDR DJ Wilshire Global Real Estate	Global Real Estate	8.76%	+149	-1.53%	1.53%	7.92%	7.57	4	-16.85%
DIA	SPDR Dow Jones Industrial Average	Large Cap Value	8.74%	+148	2.87%	5.05%	6.57%	14.80	7	0.00%
IWS	Russell MidCap Value	Mid-Cap Value	8.70%	+147	2.43%	3.68%	5.92%	15.46	7	0.00%
EPHE	iShares MSCI Philippines	Emerging Markets Equi	8.70%	+146	-1.57%	3.74%	13.58%	11.00	7	-28.57%
VOT	Vanguard Mid-Cap Growth	Mid-Cap Growth	8.66%	+145	4.44%	6.03%	9.30%	14.59	9	-5.34%
IWM	Russell 2000	Small Blend	8.63%	+144	1.84%	2.39%	0.64%	12.43	4	-6.97%
RSP	Guggenheim S&P Equal Weight	Large Blend	8.61%	+143	2.50%	4.34%	7.15%	15.25	7	0.00%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	8.59%	+142	5.10%	4.74%	8.40%	14.20	8	-20.77%
VB	Vanguard SmallCap	Small Cap Blend	8.47%	+141	2.63%	3.87%	4.43%	13.62	6	-0.01%
PEY	PowerShares Hi Yields Div. Achiev's	Mid-Cap Value	8.46%	+140	2.44%	3.10%	3.39%	5.35	4	-0.93%
VAW	Vanguard Materials VIPERS	Materials	8.35%	+139	4.09%	5.67%	6.74%	13.30	7	0.00%
IWN	Russell 2000 Value	Small Value	8.28%	+138	1.41%	1.63%	-0.61%	9.64	3	-3.72%
NOBL	ProShares S&P 500 Dividend Aristocrats	Large Cap Value Equiti	8.26%	+137	2.33%	4.25%	7.37%	13.40	7	0.00%
PJP	Dynamic Pharmaceuticals	Health & Biotech Equiti	8.25%	+136	0.53%	0.83%	2.93%	16.35	5	-0.88%
IVE	S&P 500/BARRA Value	Large Value	8.21%	+135	2.28%	3.85%	5.99%	15.44	7	-0.01%
ACWI	iShares MSCI ACWI	Global Equities	8.17%	+134	2.45%	3.21%	6.99%	18.55	8	-0.11%
SMH	VanEch Vectors Semiconductor	Technology Equities	8.03%	+133	5.72%	1.26%	4.66%	43.83	14	-10.58%
IJS	S&P SmallCap 600/BARRA Value	Small Value	8.03%	+132	1.52%	2.06%	1.08%	6.17	3	-36.84%
VCR	Vanguard Consumer Discretionary	Consumer Discretionar	8.03%	+131	0.79%	5.09%	7.80%	11.28	6	-4.70%
PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	8.02%	+130	2.22%	3.66%	5.22%	17.47	7	-76.44%
ACWV	iShares Edge MSCI Min Vol Global	Global Equities	8.01%	+129	1.41%	2.44%	6.91%	14.92	6	0.00%
XLB	Materials Select Sector *	Materials	8.00%	+128	3.78%	5.28%	6.90%	14.13	8	0.00%

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QQQ	PowerShares QQQ Trust, Series 1	Large Growth	7.99%	+127	2.49%	3.01%	6.80%	20.74	8	-1.69%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equi	7.93%	+126	4.41%	4.16%	7.68%	13.33	7	-17.48%
VBK	Vanguard SmallCap Growth	Small Cap Growth	7.90%	+125	2.76%	4.23%	4.94%	13.21	6	-10.49%
XLK	Technology Select *	Technology Equities	7.88%	+124	3.77%	3.10%	6.76%	19.97	8	-2.85%
VT	Vanguard Total World Stock Index	Global Equities	7.71%	+123	2.26%	2.70%	6.19%	17.19	7	-0.10%
EWP	iShares Spain Index	Europe Stock	7.65%	+122	-1.03%	2.46%	5.39%	13.03	5	-4.50%
HDV	iShares Core High Dividend	Large Cap Value Equiti	7.64%	+121	1.12%	2.05%	4.71%	17.03	6	0.00%
MDY	MidCap Trust Series I	Mid-Cap Blend	7.64%	+120	3.08%	3.14%	3.97%	15.10	6	0.00%
IJR	S&P Sm.Cap 600	Small Blend	7.55%	+119	1.03%	1.46%	0.35%	9.15	3	-1.80%
IYM	Dow Jones US Basic Mat's	Materials	7.27%	+118	5.34%	6.01%	6.87%	10.92	7	-0.50%
EWA	iShares Australia Index	Asia Pacific Equities	7.20%	+117	0.19%	2.55%	7.62%	9.12	5	-2.99%
EWK	iShares Belgium Index	Europe Stock	7.11%	+116	0.64%	2.49%	5.49%	9.13	4	-11.42%
VNQL	Vanguard Global ex-U.S. Real Estate	Global Real Estate	7.08%	+115	-0.70%	2.19%	7.52%	6.46	4	-30.40%
IJT	S&P SmallCap 600/BARRA Growth	Small Growth	7.05%	+114	0.76%	0.65%	-0.35%	11.91	3	-33.01%
CWB	SPDR Barclays Convertible Securities	Convertible Bonds	6.81%	+113	3.15%	4.80%	6.42%	7.69	6	-15.73%
EWG	iShares Germany Index	Europe Stock	6.53%	+112	2.05%	2.90%	6.55%	12.36	6	-8.55%
IJK	S&P MidCap 400/BARRA Growth	Mid-Cap Growth	6.22%	+111	2.38%	2.32%	2.85%	18.53	7	-63.46%
FXD	First Trust Cons. Discret. AlphaDEX	Consumer Discretionar	6.08%	+110	2.84%	3.43%	8.08%	9.33	6	-1.66%
RPV	Guggenheim S&P 500 Pure Value	Large Value	6.04%	+109	2.29%	2.55%	2.80%	10.38	5	-0.60%
VLUE	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	6.00%	+108	2.28%	3.71%	3.38%	9.57	5	-3.55%
XBI	SPDR Series Trust SPDR S&P Biotech	Health & Biotech Equiti	5.94%	+107	-1.75%	-1.66%	-1.68%	11.80	2	-42.62%
IHI	iShares DJ US Medical Devices	Health & Biotech Equiti	5.91%	+106	2.01%	3.61%	10.88%	11.75	7	-83.76%
FV	First Trust Dorsey Wright Focus 5	Large Cap Value Equiti	5.83%	+105	3.84%	3.28%	5.97%	14.98	7	-1.05%
XLP	Consumer Staples Select *	Consumer Staples	5.82%	+104	-0.98%	0.49%	4.78%	14.17	5	-2.40%
EWI	iShares Italy Index	Europe Stock	5.76%	+103	1.58%	1.95%	4.51%	15.50	6	-0.63%
PPLT	ETFS Physical Platinum Shares	Precious Metals	5.71%	+102	3.80%	5.25%	8.10%	2.00	5	-22.15%
VDC	Vanguard Consumer Staples	Consumer Staples Equi	5.40%	+101	-0.78%	0.40%	4.27%	13.74	4	-1.87%
EWL	iShares Switzerland Index	Europe Stock	5.31%	+100	1.68%	-1.90%	2.90%	6.71	2	-2.85%
DWX	SPDR S&P International Dividend	Foreign Large Cap Equi	5.26%	+99	-2.63%	-1.20%	4.57%	6.19	2	-12.03%
SCHF	Schwab International Equity	Foreign Large Cap Equi	5.24%	+98	-0.20%	-0.74%	3.59%	9.36	3	-2.72%
PGX	PowerShares Preferred Portfolio	Preferred Stock/Conver	5.19%	+97	-0.48%	3.83%	6.86%	8.63	5	-19.46%
EWU	iShares United Kingdom Index	Europe Stock	5.15%	+96	-0.08%	-1.04%	2.75%	11.98	3	-2.30%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	5.13%	+95	0.00%	-0.11%	3.36%	8.43	3	-14.18%
ACWX	iShares MSCI ACWI ex US	Global Equities	5.12%	+94	1.20%	0.97%	5.18%	10.50	4	-4.63%
VEU	Vanguard FTSE All-Word ex-US	Global Equities	5.04%	+93	1.12%	0.57%	4.65%	10.63	4	-4.86%
IBB	Nasdaq Biotechnology	Health & Biotech Equiti	5.00%	+92	-1.40%	-1.38%	-1.59%	7.41	1	-57.19%
VXUS	Vanguard Total International Stock	Global Equities	5.00%	+91	1.24%	0.66%	4.50%	10.18	4	-5.39%
IXUS	iShares Core MSCI Total International Sto	Global Equities	4.99%	+90	1.06%	0.86%	4.80%	10.29	4	-5.19%
PIN	PowerShares India Portfolio	Emerging Markets Equi	4.84%	+89	-3.04%	-0.93%	-0.97%	16.02	3	-43.74%
VSS	Vanguard FTSE All-Wld ex-US SmCP Idx	Foreign Small & Mid Ca	4.83%	+88	0.67%	0.26%	3.35%	7.70	3	-12.77%
PGF	PowerShares Fin. Preferred Portf.	Specialty-Financial	4.75%	+87	-0.44%	3.81%	6.39%	8.50	5	-19.00%
DBA	PowerShares DB Agriculture Fd	Agriculture Commoditie	4.74%	+86	-0.24%	2.92%	6.28%	22.47	8	-4.33%
BBH	VanEck Vectors Biotech	Health & Biotech	4.56%	+85	-1.89%	-2.40%	-0.94%	7.30	1	-19.65%
PFF	iShares S&P Preferred Stock	Preferred Stock/Conver	4.50%	+84	0.00%	3.43%	5.28%	7.34	4	-16.88%

Ticker	ETF Name	Orientation	%M/A	4 wk	8 wk	12 wk	YTD	M-Index	DD%	
INDA	iShares MSCI India	Emerging Markets Equi	4.33%	+83	-3.71%	-0.91%	-0.46%	15.88	3	-4.46%
VHT	Vanguard Health Care	Health & Biotech Equiti	4.29%	+82	-1.31%	-1.43%	2.14%	12.22	3	-2.35%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equ	4.20%	+81	-0.42%	0.07%	3.39%	8.81	3	-4.83%
IFGL	iShares FTSE EPRA/NAREIT Global Real	Global Real Estate	4.17%	+80	-4.07%	-0.45%	5.95%	0.64	1	-30.94%
IXJ	S&P Global Healthcare	Health & Biotech Equiti	4.10%	+79	-1.17%	-2.70%	2.08%	12.51	3	-20.71%
FPE	First Trust Preferred Securities and Incom	Preferred Stock	4.05%	+78	-0.11%	2.25%	3.89%	7.83	3	-12.39%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	3.98%	+77	-0.92%	-0.62%	3.23%	6.27	2	-16.82%
XRT	SPDR S&P Retail *	Consumer Discretionar	3.97%	+76	2.02%	0.10%	1.23%	8.02	3	-25.00%
IGE	iShares North American Natural Resource	Commodity Producers	3.95%	+75	2.75%	1.60%	1.65%	11.98	4	-1.94%
DBEF	Deutsche X-Trackers MSCI EAFE Hedge	Foreigh Large Cap Equ	3.91%	+74	2.49%	2.00%	2.49%	14.63	5	-0.45%
XLV	Health Care Select SPDR *	Health & Biotech Equiti	3.88%	+73	-1.38%	-1.49%	2.11%	12.28	3	-2.61%
INDY	iShares S&P India Nifty 50 Index Fund	Emerging Markets Equi	3.86%	+72	-3.64%	-0.69%	-0.04%	10.60	2	-4.86%
DBEU	Deutsche X-Trackers MSCI Europe Hedg	Europe Equities	3.85%	+71	2.77%	1.28%	2.45%	13.03	5	-0.02%
IDV	iShares International Select Dividend	Foreign Large Cap Equ	3.78%	+70	-1.33%	-0.64%	2.24%	6.00	2	-17.31%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	3.51%	+69	-0.23%	-0.99%	3.12%	8.20	3	-2.99%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equ	3.35%	+68	-0.43%	-0.90%	3.37%	8.56	3	-3.01%
PCY	PowerShares Emerging Markets Sovereig	Emerging Markets Bon	3.13%	+67	-2.09%	0.00%	4.09%	2.47	1	-31.73%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equ	3.12%	+66	-0.39%	-1.06%	3.19%	8.75	3	-2.95%
RWX	SPDR DJ Wil Intern. RE	Real Estate	3.04%	+65	-4.40%	-2.10%	5.87%	-2.86	-1	-38.51%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equ	3.02%	+64	2.38%	1.71%	2.24%	13.20	5	-1.82%
PXF	PowerShares FTSE RAFI Developed Mar	Foreign Large Cap Equ	3.02%	+63	-1.14%	-0.87%	2.49%	7.81	2	-2.94%
FXH	1st Trust Health Care AlphaDEX	Health & Biotech Equiti	3.00%	+62	-1.78%	-2.35%	1.44%	6.77	1	-13.70%
VRP	PowerShares Variable Rate Preferred Por	Preferred Stock	2.89%	+61	0.00%	1.69%	2.41%	6.72	3	-6.95%
EMB	iShares Emerging Markets Bond	Emerging Market Bond	2.88%	+60	-1.29%	-0.18%	2.89%	3.69	1	-21.72%
VGK	Vanguard European	Europe Equities	2.75%	+59	-0.36%	-1.71%	2.11%	7.88	2	-3.01%
FXG	1st Trust Consumer Staples	Consumer Staples Equi	2.73%	+58	0.12%	0.06%	2.81%	7.73	3	-1.59%
IEV	S&P Europe 350 Index	Europe Stock	2.50%	+57	-0.44%	-1.54%	2.50%	7.91	2	-2.96%
HYG	iShares Lehman Hi-Yield Corp.	High Yield Bond	2.49%	+56	-0.57%	0.50%	1.93%	3.11	1	-10.31%
VWOB	Vanguard Emerging Markets Gov Bonds	Emerging Markets Bon	2.44%	+55	-1.37%	-0.34%	2.65%	2.57	1	-21.47%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	2.43%	+54	-0.79%	-1.93%	2.67%	6.37	2	-10.55%
DXJ	Wisdom Tree Japan Hedged Equity	Japan Stock	2.40%	+53	3.39%	2.48%	-0.20%	23.69	7	-7.40%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equ	2.21%	+52	-0.17%	-2.11%	3.33%	8.51	2	-7.77%
HEZU	iShares Currency Hedged MSCI Eurozon	Europe Equities	2.19%	+51	2.60%	2.37%	3.20%	10.27	5	-5.70%
EWD	iShares Sweden Index	Europe Stock	2.17%	+50	-2.46%	-1.79%	3.88%	4.38	1	-16.58%
BNDX	Vanguard Total International Bond	Total Bond Market	2.16%	+49	0.14%	0.56%	2.05%	1.78	1	-15.16%
JNK	Barclays Cap. High Yield Bond	High Yield Bond	2.08%	+48	-0.67%	0.24%	1.62%	2.49	1	-70.11%
VCIT	Vanguard Intermediate-Term Corporate B	Corporate Bonds	2.07%	+47	-1.68%	-0.75%	1.83%	1.54	0	-15.07%
HEWJ	iShares Currency Hedged MSCI Japan	Japan Equities	1.94%	+46	2.29%	1.75%	0.19%	20.08	6	-7.99%
UUP	PowerShares DB US Dollar Bullish	Currency	1.94%	+45	3.16%	3.83%	0.73%	7.16	4	-5.35%
FXB	CurrencyShares British Pound	Currency	1.90%	+44	-2.09%	-1.34%	1.22%	2.19	0	-13.74%
DEM	WisdomTree Emerg. Mkts Hi-Yld E.	Emerging Mkts Equities	1.75%	+43	0.53%	-1.85%	1.70%	7.06	2	-13.39%
HYS	PIMCO 0-5 Year High Yield Corp Bond	High Yield Bonds	1.74%	+42	-0.41%	0.39%	1.43%	2.06	1	-6.80%
TIP	iShares TIPS Bond Fd	Inflation-Protected Bon	1.72%	+41	-1.08%	-0.01%	1.82%	1.74	1	-16.43%
EZU	European Monetary Union Index	Europe Stock	1.72%	+40	-0.20%	-0.80%	2.81%	7.25	2	-3.65%

Ticker	ETF Name	Orientation	%M/A	4 wk	8 wk	12 wk	YTD	M-Index	DD%	
LQD	iShares iBoxx \$ Liquid Invest. Gr.	Corporate Bonds	1.70%	+39	-2.38%	-1.27%	1.97%	0.08	0	-20.41%
SHYG	iShares 0-5 Year High Yield Corporate Bo	High Yield Bonds	1.67%	+38	-0.42%	0.33%	1.31%	2.30	1	-10.08%
SJNK	SPDR Barclays Short Term High Yield Bo	High Yield Bonds	1.67%	+37	-0.47%	0.39%	1.51%	1.79	1	-9.06%
PHB	PowerShares High Yield Corp Bond	High Yield Bonds	1.60%	+36	-0.86%	0.22%	1.54%	1.77	1	-6.20%
BIV	Vanguard Intermed. Term Bond	Intermediate-Term Bon	1.60%	+35	-2.02%	-1.24%	1.33%	0.76	0	-18.45%
EWJ	iShares Japan Index	Japan Stock	1.60%	+34	-1.60%	-2.50%	2.10%	9.34	2	-5.38%
FLTB	Fidelity Limited Term Bond	Corporate Bonds	1.53%	+33	-0.73%	-0.08%	1.05%	1.97	1	-5.14%
VCLT	Vanguard Long-Term Corporate Bond	Corporate Bonds	1.52%	+32	-3.37%	-2.12%	2.48%	-1.50	-1	-30.11%
BWX	SPDR Lehman Intl Treasury Bond	World Gov Bond	1.48%	+31	-3.01%	-2.63%	2.78%	-2.63	-1	-28.24%
VCSH	Vanguard Short-Term Corporate Bond	Corporate Bonds	1.46%	+30	-0.84%	-0.10%	1.13%	1.89	1	-5.31%
DFE	Wisdom Tree Europe SmCap Div.	Europe Stock	1.46%	+29	-1.67%	-3.50%	-0.93%	3.44	-1	-22.03%
VTIP	Vanguard Short-Term Inflation-Protected	Inflation-Protected Bon	1.37%	+28	-0.79%	0.20%	1.16%	3.03	1	-7.33%
TOTL	SPDR DoubleLine Total Return Tactical	Total Bond Market	1.36%	+27	-1.91%	-1.33%	1.19%	1.04	0	-19.23%
GVI	iShares Lehman Intern. Govt/Credit	Total Bond Market	1.36%	+26	-1.32%	-0.58%	1.04%	1.10	0	-10.51%
BND	Vanguard Total Bond Market	Intermediate-Term Bon	1.35%	+25	-1.94%	-1.22%	1.23%	0.39	0	-17.48%
AGG	iShares Lehman Aggregate Bond	Intermediate-Term Bon	1.32%	+24	-1.93%	-1.24%	1.22%	0.27	0	-16.81%
IEI	iShares Lehman 3-7 Yr. Treasury	Government Bonds	1.27%	+23	-1.62%	-0.95%	0.92%	0.68	0	-12.06%
BAB	PowerShares Build America Bond Portfoli	National Munis	1.26%	+22	-2.59%	-1.63%	1.38%	0.67	-1	-21.80%
BSV	Vanguard Short Term Bond	Total Bond Market	1.23%	+21	-0.96%	-0.29%	0.89%	1.32	0	-6.31%
BOND	PIMCO Total Return Active Exchange-Tra	Total Bond Market	1.22%	+20	-1.89%	-1.29%	0.97%	0.64	0	-17.79%
VGIT	Vanguard Intermediate-Term Gov Bonds	Government Bonds	1.12%	+19	-1.85%	-1.20%	0.83%	0.22	0	-16.09%
IEF	iShares Lehman 7-10 Yr Treasury	Government Bonds	1.11%	+18	-2.52%	-1.89%	0.98%	-0.47	-1	-22.04%
GOVT	iShares Core U.S. Treasury Bond	Government Bonds	1.02%	+17	-2.04%	-1.41%	0.96%	-0.04	-1	-18.62%
FEZ	SPDR Euro Stoxx 50	Europe Stock	1.02%	+16	-0.56%	-1.50%	2.58%	8.24	2	-4.02%
FXV	CurrencyShares Japanese Yen Trust	Currency	0.97%	+15	-3.72%	-3.63%	2.76%	-6.09	-3	-36.08%
BLV	Vanguard Long Term Bond	Long-Term Bond	0.90%	+14	-4.02%	-3.06%	1.78%	-2.65	-2	-38.23%
MOO	VanEck Vectors Agribusiness	Commodity Producers	0.90%	+13	-0.73%	-0.05%	1.05%	-4.08	-1	-32.55%
DBJP	Deutsche X-Trackers MSCI Japan Hedge	Japan Equities	0.89%	+12	2.64%	1.64%	0.44%	17.83	6	-7.91%
IHDG	WisdomTree International Hedged Divide	Foreign Large Cap Equ	0.86%	+11	1.72%	-1.04%	0.66%	8.45	2	-2.65%
GUNR	FlexShares Global Upstream Natural Res	Commodity Producers	0.86%	+10	2.12%	0.49%	0.86%	-0.22	1	-16.49%
SHY	iShares Lehman 1-3 Year Treasury	Government Bonds	0.76%	+9	-0.75%	-0.27%	0.56%	0.67	0	-4.85%
PZA	Pshares Insured National Munis	National Munis	0.75%	+8	-0.46%	0.42%	0.80%	-0.58	0	-12.65%
VGSH	Vanguard Short-Term Government	Government Bonds	0.72%	+7	-0.74%	-0.22%	0.55%	0.51	0	-5.95%
TLH	iShares Lehman 10-20 Yr Treasury	Government Bonds	0.72%	+6	-4.07%	-3.27%	1.23%	-2.61	-2	-38.82%
DJP	Bloomberg Commodity Index	Commodities	0.71%	+5	0.51%	3.13%	4.25%	4.21	3	-23.13%
GNR	SPDR S&P Global Natural Resources	Commodity Producers	0.64%	+4	1.50%	0.27%	0.93%	0.14	1	-13.10%
MUB	iShares S&P National Muni Bond	National Munis	0.49%	+3	-0.42%	-0.19%	0.58%	-0.46	0	-8.50%
BKLN	PowerShares Exchange-Traded Fund Tru	High Yield Bonds	0.33%	+2	0.14%	1.10%	0.86%	-0.09	1	-9.65%
FTSM	First Trust Enhanced Short Maturity	Total Bond Market	0.32%	+1	-0.15%	-0.03%	0.12%	0.55	0	-0.38%
RSX	Market Vectors Russia	Emerging Markets Equi	0.00%	-1	0.00%	0.00%	0.00%	0.00	0	-83.14%
FLOT	iShares Floating Rate Bond	Corporate Bonds	-0.01%	-2	-0.06%	-0.16%	-0.23%	0.65	0	-0.39%
IYE	Dow Jones US Energy	Specialty-Natural Res.	-0.02%	-3	1.28%	-0.48%	-2.27%	7.50	2	-7.31%
XLE	Energy Select Sector *	Energy Equities	-0.05%	-4	1.78%	-0.06%	-2.01%	7.75	2	-7.89%

Ticker	ETF Name	Orientation	%M/A	4 wk	8 wk	12 wk	YTD	M-Index	DD%	
FXE	CurrencyShares Euro Currency Trust	Currency	-0.08%	-5	-2.71%	-2.99%	0.00%	-1.69	-2	-16.73%
TLT	iShares 20+ Treas. Bd	Government Bonds	-0.14%	-6	-5.07%	-4.59%	0.95%	-5.07	-3	-45.29%
VDE	Vanguard Energy VIPERS	Energy Equities	-0.18%	-7	1.47%	-0.30%	-2.48%	7.43	2	-7.83%
IXC	S&P Global Energy	Energy Equities	-0.19%	-8	1.82%	-0.77%	-0.65%	5.93	2	-7.44%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equi	-0.28%	-9	0.15%	-0.65%	-0.65%	4.60	1	-24.34%
FTGC	First Trust Global Tactical Commodity Str	Commodities	-0.59%	-10	-0.09%	1.65%	2.27%	4.50	2	-25.46%
ECH	iShares Chile Index	Latin America	-0.76%	-11	1.98%	-2.74%	2.25%	-6.74	-1	-53.16%
TBF	ProShares Short 20+Year Treasury	Inverse Bonds	-0.78%	-12	4.47%	4.14%	-1.45%	4.66	3	-14.01%
ZROZ	PIMCO 25 Yr Zero Coupon US Treas Idx	Government Bonds	-1.08%	-13	-7.76%	-7.29%	1.77%	-9.93	-6	-59.54%
EDV	Vanguard Extended Duration Treasury	Government Bonds	-1.10%	-14	-7.57%	-6.69%	1.24%	-8.05	-5	-58.22%
EWQ	iShares France Index	Europe Stock	-1.39%	-15	-1.13%	-2.05%	1.47%	0.18	0	-7.82%
EWN	iShares Netherlands Index	Europe Stock	-1.59%	-16	-1.68%	-3.94%	-0.45%	8.78	1	-9.72%
DBC	PowerShares DB Commodity Index	Commodities	-1.68%	-17	0.50%	0.31%	0.40%	1.32	1	-26.86%
TBT	ProShares UltraShort Lehman 20 Yr Trea	Leveraged Bonds	-2.10%	-18	9.69%	8.48%	-3.25%	7.58	6	-27.07%
HEDJ	WisdomTree Europe Hedged Equity	Europe Equities	-2.34%	-19	2.29%	0.56%	-0.16%	4.06	2	-46.87%
GSG	iShares GSCI Commodity Index	Commodities.	-2.79%	-20	-0.19%	-0.76%	-1.18%	4.64	1	-20.31%
HEWG	iShares Currency Hedged MSCI Germany	Europe Equities	-3.26%	-21	0.00%	0.00%	-5.23%	2.20	-1	-9.09%
EWY	iShares S. Korea Index	Pacific Asia/excl. Japan	-3.72%	-22	-1.97%	-7.65%	-4.58%	-5.28	-5	-35.49%
EFZ	ProSharesShort MSCI EAFE	Inverse Equities	-4.46%	-23	-1.14%	0.00%	-3.81%	-8.80	-3	-56.18%
ILF	iShares S&P 40 Latin America	Latin America Stock	-5.32%	-24	-1.10%	-3.88%	1.49%	-13.04	-4	-36.03%
IEO	iShares DJ Oil & Gas Expl.&Prod.	Energy Equities	-5.33%	-25	-0.67%	-3.44%	-5.64%	0.20	-2	-16.58%
FXN	1st Trust Energy AlphaDEX	Energy Equities	-6.28%	-26	-1.08%	-4.83%	-8.92%	-0.90	-4	-14.74%
EWZ	iShares Brazil Index	Latin America Stock	-7.06%	-27	-3.39%	-7.36%	1.66%	-19.34	-7	-41.75%
DOG	ProShares Short Dow 30	Bear Market	-8.05%	-28	-3.60%	-5.20%	-6.15%	-11.55	-7	-70.63%
SH	Short S&P 500 ProShares ETF	Inverse Equities	-9.02%	-29	-3.61%	-4.22%	-6.97%	-17.78	-8	-74.36%
RWM	ProShares Short Russell2000	Inverse Equities	-9.13%	-30	-3.13%	-3.28%	-1.54%	-11.86	-5	-70.56%
HDGE	Ranger Equity Bear	Inverse Equities	-9.58%	-31	-5.11%	-3.99%	-4.70%	-5.90	-5	-83.94%
EWV	iShares Mexico Index	Latin America Stock	-11.87%	-32	0.04%	-2.58%	-4.63%	-20.41	-7	-23.48%
IYG	Dow Jones US Financial Serv's	Specialty-Financial	-12.09%	-33	5.36%	7.59%	8.78%	-58.02	-9	-63.04%
TUR	iShares Turkey Investment Index	Emerging Markets Equi	-14.39%	-34	-11.05%	-9.72%	-22.39%	2.76	-10	-29.61%
IHE	iShares DJ US Pharmaceuticals	Health & Biotech Equiti	-18.71%	-35	0.20%	0.20%	3.92%	-61.24	-14	-65.56%
IYK	Dow Jones US Cons. Goods	Consumer Staples Equi	-19.76%	-36	-0.78%	0.09%	2.49%	-63.45	-15	-67.17%
SOXX	iShares PHLX SOX Semiconductor Secto	Technology Equities	-20.97%	-37	2.54%	-1.73%	0.00%	-60.19	-15	-66.74%
IJH	S&P MidCap 400	Mid-Cap Blend	-22.24%	-38	2.75%	3.15%	3.99%	-76.94	-17	-78.00%
IYT	Dow Jones Transportation	Transportation Equities	-27.99%	-39	5.35%	5.92%	8.69%	-72.99	-13	-74.86%
IGV	iShares North American Tech-Software	Technology Equities	-33.09%	-40	3.49%	6.88%	8.89%	-77.24	-14	-79.33%
IYH	Dow Jones US Healthcare	Specialty-Health	-34.74%	-41	-1.42%	-1.52%	2.65%	-77.40	-19	-79.11%
IHF	iShares DJ US Healthcare Provid's	Health & Biotech Equiti	-37.51%	-42	-5.56%	-6.25%	-3.67%	-79.38	-24	-81.70%
SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	-44.20%	-43	-48.96%	-48.52%	-48.77%	-44.26	-48	-76.09%
SCHP	Schwab U.S. TIPs	Inflation-Protected Bon	-47.83%	-44	-50.51%	-50.07%	-49.22%	-49.14	-50	-58.44%
SCHZ	Schwab US Aggregate Bond	Total Bond Market	-48.02%	-45	-51.00%	-50.66%	-49.40%	-49.91	-50	-58.98%
SCHR	Schwab Intermediate-Term U.S. Treasury	Government Bonds	-48.10%	-46	-50.93%	-50.61%	-49.58%	-49.94	-50	-57.78%
SCHO	Schwab Short-Term U.S. Treasury	Government Bonds	-48.33%	-47	-50.39%	-50.15%	-49.74%	-49.80	-50	-52.99%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	-62.07%	-48	-65.76%	-65.28%	-64.17%	-59.08	-64	-79.86%

Ticker	ETF Name	Orientation	%M/A	4 wk	8 wk	12 wk	YTD	M-Index	DD%	
SCHB	Schwab U.S. Broad Market	All Cap Equities	-62.10%	-49	-65.77%	-65.31%	-64.30%	-59.37	-64	-80.11%
SCHV	Schwab U.S. Large-Cap Value	Large Cap Value Equiti	-62.39%	-50	-65.80%	-65.21%	-64.43%	-61.06	-64	-66.05%
FNDX	Schwab Fundamental U.S. Large Compa	Large Cap Value Equiti	-62.50%	-51	-65.95%	-65.41%	-64.72%	-60.78	-64	-66.15%
SCHD	Schwab US Dividend Equity	All Cap Equities	-62.58%	-52	-65.90%	-65.51%	-65.07%	-62.16	-65	-66.13%
SCHM	Schwab U.S. Mid Cap	Mid Cap Blend Equities	-62.86%	-53	-65.75%	-65.32%	-64.89%	-62.39	-65	-66.03%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	-71.24%	-54	-74.30%	-74.02%	-72.97%	-67.98	-72	-84.08%