

HV ETF Cutline Report: As of 12/29/2023

Ticker	ETF Name	Orientation	%M/A	4 wk	8 wk	12 wk	YTD	M-Index	DD%	
ITB	iShares DJ US Home Construction	Building and Constructi	23.53%	+273	13.63%	25.22%	33.24%	67.87	35	-0.84%
XHB	SPDR Series Trust SPDR Home Builders	Building & Construction	22.02%	+272	11.94%	23.51%	27.63%	58.59	30	-0.84%
KBE	SPDR S&P Bank	Specialty-Financial	20.39%	+271	9.47%	19.69%	26.74%	1.93	14	-23.82%
KRE	SPDR S&P Region.Banking	Specialty-Financial	20.12%	+270	10.47%	20.20%	27.60%	-10.74	12	-33.45%
PEZ	PowerShares Consumer Cyclical	All Cap Equities	19.36%	+269	11.63%	23.87%	31.51%	28.59	24	-19.47%
SOXX	iShares PHLX SOX Semiconductor Secto	Technology Equities	18.47%	+268	11.63%	21.22%	19.97%	65.56	30	-0.92%
SMH	VanEck Vectors Semiconductor	Technology Equities	17.90%	+267	8.53%	16.96%	17.88%	72.34	29	-0.56%
IGV	iShares North American Tech-Software	Technology Equities	17.17%	+266	2.07%	15.96%	16.33%	58.55	23	-9.16%
URE	ProShares Ultra Real Estate	Leveraged Real Estate	17.15%	+265	11.81%	29.55%	40.57%	9.99	23	-45.26%
KBWB	PowerShares KBW Bank Portfolio	Financials Equities	16.97%	+264	9.46%	20.27%	26.32%	-4.71	13	-35.06%
XME	SPDR S&P Metals & Mining	Commodity Producers	16.47%	+263	6.36%	16.86%	17.75%	20.12	15	-9.14%
XRT	SPDR S&P Retail *	Consumer Discretionar	14.63%	+262	7.86%	16.49%	22.95%	19.64	17	-30.57%
IYW	Dow Jones US Technology	Technology Equities	14.56%	+261	4.32%	13.00%	13.69%	64.79	24	-0.45%
XLK	Technology Select *	Technology Equities	13.44%	+260	3.72%	12.06%	14.42%	54.68	21	-0.31%
VGT	Vanguard Info Technology	Technolgy Equities	12.84%	+259	4.16%	13.12%	14.10%	51.53	21	-0.57%
EWD	iShares Sweden Index	Europe Stock	12.73%	+258	7.28%	19.32%	19.21%	22.08	17	-20.09%
QQQ	PowerShares QQQ Trust, Series 1	Large Growth	12.66%	+257	5.02%	11.37%	12.29%	53.79	21	-0.48%
IYG	Dow Jones US Financial Serv's	Specialty-Financial	12.66%	+256	6.06%	14.44%	16.75%	13.77	13	-11.96%
VXF	Vanguard Extended Markets VIPERs	Mid Cap Blend	12.58%	+255	7.37%	15.99%	16.37%	23.75	16	-17.79%
IYF	Dow Jones US Financial Sector	Specialty-Financial	12.51%	+254	4.84%	12.40%	15.11%	13.17	11	-40.45%
FV	First Trust Dorsey Wright Focus 5	Large Cap Value Equiti	12.41%	+253	7.46%	17.11%	16.73%	10.74	13	-1.51%
XBI	SPDR Series Trust SPDR S&P Biotech	Health & Biotech Equiti	12.31%	+252	14.72%	24.95%	23.62%	7.58	18	-48.68%
FXO	1st Trust Financials AlphaDEX	Financial Equities	12.21%	+251	5.79%	13.38%	16.12%	5.69	10	-10.94%
VFH	Vanguard Financials	Financials Equities	12.18%	+250	4.98%	12.83%	15.43%	11.52	11	-9.33%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	12.17%	+249	3.92%	10.86%	11.51%	49.32	19	-50.26%
MGK	Vanguard Mega Cap Growth	Large Cap Growth Equi	11.85%	+248	3.40%	10.60%	11.64%	50.82	19	-1.82%
DES	Wisdom Tree SmallCap Div.	Small Cap Value	11.65%	+247	7.34%	12.88%	16.52%	13.12	12	-62.34%
VUG	Vanguard Growth	Large Cap Growth	11.63%	+246	3.76%	11.07%	11.86%	45.88	18	-4.54%
IWF	Russell 1000 Growth	Large Growth	11.52%	+245	3.84%	10.79%	11.67%	41.51	17	-2.05%
IWN	Russell 2000 Value	Small Value	11.47%	+244	8.24%	14.18%	17.59%	12.01	13	-12.18%
INDA	iShares MSCI India	Emerging Markets Equi	11.38%	+243	5.19%	10.55%	9.49%	16.94	11	-3.88%
IJT	S&P SmallCap 600/BARRA Growth	Small Growth	11.25%	+242	9.26%	14.59%	15.56%	15.80	14	-40.14%
EWZ	iShares Brazil Index	Latin America Stock	11.20%	+241	1.57%	9.59%	19.11%	24.99	14	-27.78%
IJR	S&P Sm.Cap 600	Small Blend	11.19%	+240	9.29%	14.89%	17.47%	14.38	14	-10.03%
FXD	First Trust Cons. Discret. AlphaDEX	Consumer Discretionar	11.16%	+239	7.02%	15.92%	18.89%	22.44	16	-10.05%
VCR	Vanguard Consumer Discretionary	Consumer Discretionar	11.14%	+238	5.14%	12.87%	14.14%	39.05	18	-14.36%
IWP	Russell MidCap Growth	Mid-Cap Growth	11.11%	+237	5.40%	14.72%	14.44%	24.95	15	-15.27%
IJS	S&P SmallCap 600/BARRA Value	Small Value	11.10%	+236	9.51%	15.37%	19.38%	12.88	14	-40.51%
SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	10.76%	+235	7.98%	15.36%	16.53%	16.61	14	-57.11%
PIN	PowerShares India Portfolio	Emerging Markets Equi	10.72%	+234	4.15%	10.11%	8.11%	20.24	11	-51.51%
EWV	iShares Mexico Index	Latin America Stock	10.66%	+233	6.35%	13.98%	24.02%	37.21	20	-1.41%

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XLF	Financial Select Sector *	Financial Equities	10.63%	+232	3.95%	11.31%	13.80%	9.94	10	-9.22%
ITA	iShares DJ US Aerospace&Defense	Industrials Equities	10.58%	+231	4.39%	11.62%	21.63%	13.18	13	-47.21%
VOX	Vanguard Telecom Serv's	Communication Equitie	10.53%	+230	4.64%	8.41%	9.85%	43.12	17	-21.86%
VBR	Vanguard SmallCap Value	Small Cap Value	10.45%	+229	6.31%	12.59%	15.31%	13.33	12	-3.10%
VIS	Vanguard Industrials	industrials Equities	10.40%	+228	5.46%	13.42%	13.74%	20.69	13	-0.33%
PKW	PowerShares Buyback Achievers	All Cap Equities	10.33%	+227	5.81%	10.44%	11.98%	15.73	11	-0.47%
IWM	Russell 2000	Small Blend	10.25%	+226	8.54%	15.03%	16.02%	15.11	14	-17.25%
IYJ	Dow Jones US Industrial	Industrial Equities	10.20%	+225	5.21%	13.24%	13.69%	18.56	13	-40.74%
IYC	iShares US Consumer Services	Consumer Discretionar	10.19%	+224	4.77%	11.92%	14.09%	33.02	16	-72.65%
ILF	iShares S&P 40 Latin America	Latin America Stock	10.05%	+223	2.36%	9.41%	19.05%	26.96	14	-26.43%
VOT	Vanguard Mid-Cap Growth	Mid-Cap Growth	10.00%	+222	5.81%	14.39%	13.07%	22.15	14	-17.39%
VB	Vanguard SmallCap	Small Cap Blend	9.99%	+221	6.79%	13.85%	15.00%	16.23	13	-10.88%
XLY	Consumer Discretionary Sec.*	Consumer Discretionar	9.75%	+220	4.51%	11.60%	11.33%	38.44	16	-15.42%
IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	9.70%	+219	6.80%	13.99%	15.66%	13.13	12	-34.09%
INDY	iShares S&P India Nifty 50 Index Fund	Emerging Markets Equi	9.64%	+218	5.19%	9.93%	8.00%	16.40	10	-8.25%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	9.54%	+217	3.69%	9.00%	10.31%	29.12	13	-0.57%
VBK	Vanguard SmallCap Growth	Small Cap Growth	9.44%	+216	7.39%	15.71%	14.57%	20.56	15	-20.94%
IVE	S&P 500/BARRA Value	Large Value	9.31%	+215	4.18%	10.64%	13.57%	19.87	12	-0.18%
DON	Wisdom Tree MidCap Div.	Mid-Cap Value	9.31%	+214	5.13%	10.71%	13.57%	11.06	10	-54.97%
DIA	SPDR Dow Jones Industrial Average	Large Cap Value	9.28%	+213	3.81%	10.65%	12.80%	13.74	10	-0.04%
IYT	Dow Jones Transportation	Transportation Equities	9.23%	+212	4.40%	15.44%	13.20%	22.89	14	-6.26%
SCHB	Schwab U.S. Broad Market	All Cap Equities	9.18%	+211	4.02%	10.22%	11.43%	24.24	12	-51.04%
XLI	Industrial Select Sector *	Industrial Equities	9.17%	+210	4.83%	12.19%	13.11%	16.07	12	-0.12%
IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	9.15%	+209	5.65%	12.90%	14.51%	-43.18	-3	-50.72%
IWV	Russell 3000 Index	All Cap Equities	9.13%	+208	4.07%	10.20%	11.39%	24.04	12	-1.92%
ITOT	iShares Core S&P Total U.S. Stock Marke	All Cap Equities	9.11%	+207	4.04%	10.25%	11.41%	24.09	12	-2.23%
VTI	Total Stock Market VIPERs	All Cap Equities	9.10%	+206	3.97%	10.12%	11.39%	24.08	12	-2.37%
IWB	Russell 1000 Index	Large Blend	9.05%	+205	3.82%	9.91%	11.15%	24.58	12	-1.45%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	9.04%	+204	3.68%	9.79%	11.00%	24.92	12	-50.77%
IYR	Dow Jones US Real Estate	Real Estate	9.04%	+203	5.59%	14.22%	19.07%	8.58	12	-21.29%
IWR	Russell MidCap Index Fs	Mid-Cap Blend	9.02%	+202	5.24%	12.64%	13.51%	15.24	12	-65.31%
PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	8.94%	+201	4.54%	10.71%	11.07%	20.32	12	-15.31%
MTUM	iShares Edge MSCI USA Momentum Fact	All Cap Equities	8.93%	+200	4.24%	9.14%	11.66%	7.51	8	-19.02%
VV	Vanguard LargeCap	Large Cap Blend	8.90%	+199	3.45%	9.49%	10.77%	25.23	12	-1.62%
IWO	Russell 2000 Growth	Small Growth	8.88%	+198	8.82%	15.87%	14.42%	17.57	14	-25.08%
VLUE	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	8.86%	+197	5.73%	10.63%	13.13%	10.99	10	-11.97%
SCHH	Schwab U.S. REIT	Real Estate	8.86%	+196	5.23%	13.48%	18.95%	7.36	11	-60.69%
SCHM	Schwab U.S. Mid Cap	Mid Cap Blend Equities	8.77%	+195	5.52%	12.74%	12.99%	14.80	12	-9.68%
FEX	First Trust Large Cap Core AlphaDEX	Large Cap Blend Equity	8.75%	+194	3.88%	10.23%	12.24%	12.60	10	-3.03%
GSLC	Goldman Sachs ActiveBeta U.S. Large C	Large Cap Blend Equiti	8.72%	+193	3.66%	9.39%	11.00%	23.22	12	-1.89%
VNQ	Vanguard REIT Index	Real Estate	8.67%	+192	5.52%	13.88%	18.89%	7.13	11	-23.83%
MDY	MidCap Trust Series I	Mid-Cap Blend	8.66%	+191	5.66%	12.00%	13.11%	14.59	11	-4.45%
IJH	S&P MidCap 400	Mid-Cap Blend	8.65%	+190	5.69%	12.07%	13.19%	14.58	11	-4.61%
SPY	SPDR S&P 500	Large Cap Blend	8.64%	+189	3.53%	9.34%	10.66%	24.29	12	-0.50%

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IVV	S&P 500	Large Blend	8.63%	+188	3.58%	9.40%	10.72%	24.31	12	-0.46%
ICF	Cohen & Steers Realty	Real Estate	8.63%	+187	4.76%	13.47%	18.93%	7.09	11	-53.38%
VOO	Vanguard S&P 500	Large Cap Blend Equiti	8.61%	+186	3.54%	9.35%	10.71%	24.32	12	-0.56%
VO	Vanguard Mid-Cap	Mid-Cap Blend	8.42%	+185	4.86%	11.95%	12.70%	14.15	11	-10.93%
FNDX	Schwab Fundamental U.S. Large Compa	Large Cap Value Equiti	8.37%	+184	4.03%	9.43%	11.56%	15.91	10	-0.27%
EWA	iShares Australia Index	Asia Pacific Equities	8.35%	+183	6.15%	11.60%	13.63%	9.49	10	-11.10%
RPV	Guggenheim S&P 500 Pure Value	Large Value	8.32%	+182	5.02%	11.95%	14.68%	5.26	9	-8.22%
IWS	Russell MidCap Value	Mid-Cap Value	8.15%	+181	5.23%	11.87%	13.24%	10.39	10	-5.91%
RWR	Wilshire REIT Fund	Real Estate	8.10%	+180	5.88%	13.57%	16.90%	9.37	11	-21.97%
IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	8.09%	+179	3.21%	8.52%	8.60%	27.70	12	-11.15%
SPYG	S&P 500 Growth	Large Cap Growth	8.08%	+178	3.07%	8.31%	8.40%	28.40	12	-11.46%
IVW	S&P 500/BARRA Growth	Large Growth	8.06%	+177	3.10%	8.35%	8.39%	28.38	12	-11.45%
VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	8.02%	+176	3.04%	8.29%	8.34%	28.37	12	-11.49%
IFGL	iShares FTSE EPRA/NAREIT Global Real	Global Real Estate	7.97%	+175	6.98%	11.30%	16.05%	3.32	9	-31.38%
PCY	PowerShares Emerging Markets Sovereig	Emerging Markets Bon	7.91%	+174	4.30%	10.44%	16.43%	10.44	10	-33.38%
PEY	PowerShares Hi Yields Div. Achiev's	Mid-Cap Value	7.88%	+173	5.81%	10.05%	13.41%	2.17	8	-5.96%
RWO	SPDR DJ Wilshire Global Real Estate	Global Real Estate	7.80%	+172	6.07%	12.63%	16.40%	6.87	10	-22.71%
IJK	S&P MidCap 400/BARRA Growth	Mid-Cap Growth	7.80%	+171	4.82%	10.49%	11.15%	15.99	11	-69.18%
RSP	Guggenheim S&P Equal Weight	Large Blend	7.73%	+170	4.83%	11.45%	12.71%	11.72	10	-3.90%
KIE	SPDR S&P Insurance	Specialty-Financial	7.47%	+169	-0.04%	3.98%	5.90%	10.43	5	-51.81%
EWP	iShares Spain Index	Europe Stock	7.45%	+168	-0.20%	9.95%	13.11%	26.63	12	-15.51%
RWX	SPDR DJ Wil Intern. RE	Real Estate	7.41%	+167	7.10%	11.03%	15.68%	1.94	9	-36.70%
SPHQ	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	7.37%	+166	3.62%	7.66%	7.64%	22.91	10	-0.26%
IBB	Nasdaq Biotechnology	Health & Biotech Equiti	7.32%	+165	10.81%	13.41%	10.92%	3.47	10	-60.14%
VT	Vanguard Total World Stock Index	Global Equities	7.30%	+164	3.44%	9.04%	10.58%	19.36	11	-5.81%
EWI	iShares Italy Index	Europe Stock	7.27%	+163	2.35%	8.26%	12.69%	25.95	12	-1.57%
EWN	iShares Netherlands Index	Europe Stock	7.16%	+162	5.11%	12.99%	17.17%	19.84	14	-17.01%
ACWI	iShares MSCI ACWI	Global Equities	7.15%	+161	3.06%	8.51%	10.05%	19.90	10	-5.09%
VAW	Vanguard Materials VIPERS	Materials	7.11%	+160	3.74%	10.16%	11.37%	11.60	9	-4.79%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	6.96%	+159	3.99%	9.78%	12.38%	7.22	8	-5.33%
DFE	Wisdom Tree Europe SmCap Div.	Europe Stock	6.49%	+158	7.33%	13.32%	15.81%	8.97	11	-24.62%
FEZ	SPDR Euro Stoxx 50	Europe Stock	6.44%	+157	3.82%	11.68%	13.64%	23.54	13	-3.12%
VIG	Vanguard Div. Appreciation	Large Cap Value Equiti	6.43%	+156	2.79%	8.03%	9.93%	12.22	8	-1.05%
IYM	Dow Jones US Basic Mat's	Materials	6.30%	+155	3.26%	9.22%	10.91%	10.73	9	-10.30%
IWD	Russell 1000 Value	Large Value	6.24%	+154	3.79%	8.84%	10.48%	8.97	8	-3.08%
EWC	iShares Canada Index	Foreign Large Cap Equi	6.21%	+153	3.35%	8.52%	11.93%	12.07	9	-9.79%
XLB	Materials Select Sector *	Materials	6.01%	+152	2.63%	8.57%	9.68%	10.12	8	-5.60%
EWG	iShares Germany Index	Europe Stock	5.98%	+151	3.34%	13.54%	13.80%	20.06	13	-18.61%
VTV	Vanguard Value	Large Cap Value	5.93%	+150	3.44%	7.87%	9.88%	6.50	7	-0.86%
SCHV	Schwab U.S. Large-Cap Value	Large Cap Value Equiti	5.82%	+149	3.48%	8.63%	10.39%	6.18	7	-5.51%
VCLT	Vanguard Long-Term Corporate Bond	Corporate Bonds	5.77%	+148	4.88%	12.79%	15.42%	5.86	10	-29.05%
SIL	Global X Silver Miners	Commodity Producers	5.72%	+147	0.14%	12.76%	21.81%	0.71	9	-47.06%
EZU	European Monetary Union Index	Europe Stock	5.69%	+146	3.15%	10.82%	12.74%	20.19	12	-7.94%
PXF	PowerShares FTSE RAFI Developed Mar	Foreign Large Cap Equi	5.67%	+145	3.18%	8.12%	10.18%	14.08	9	-5.93%

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CWB	SPDR Barclays Convertible Securities	Convertible Bonds	5.57%	+144	4.53%	8.55%	7.73%	12.14	8	-21.75%
VGK	Vanguard European	Europe Equities	5.53%	+143	3.65%	10.71%	11.79%	16.31	11	-8.67%
DGRO	iShares Core Dividend Growth	Large Cap Value Equiti	5.53%	+142	3.30%	7.99%	9.86%	7.64	7	-4.00%
IEV	S&P Europe 350 Index	Europe Stock	5.51%	+141	3.40%	10.35%	11.12%	16.71	10	-5.20%
VYM	Vanguard High Div. Yield Index	Large Cap Value	5.41%	+140	3.51%	7.52%	10.19%	3.16	6	-2.94%
DEM	WisdomTree Emerg. Mkts Hi-Yld E.	Emerging Mkts Equities	5.39%	+139	3.51%	7.00%	9.53%	14.14	9	-19.09%
IHDG	WisdomTree International Hedged Divide	Foreign Large Cap Equ	5.38%	+138	3.45%	8.17%	8.25%	17.85	9	-9.58%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	5.37%	+137	4.47%	9.60%	11.59%	9.60	9	-21.72%
DXJ	Wisdom Tree Japan Hedged Equity	Japan Stock	5.36%	+136	-3.59%	-2.97%	1.98%	36.85	8	-4.26%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equ	5.26%	+135	2.00%	6.48%	7.73%	13.56	7	-12.54%
SCHD	Schwab US Dividend Equity	All Cap Equities	5.24%	+134	4.07%	8.37%	9.34%	0.78	6	-7.09%
USMV	iShares Edge MSCI Min Vol USA	All Cap Equities	5.22%	+133	1.50%	5.85%	8.01%	8.22	6	-3.71%
HEWJ	iShares Currency Hedged MSCI Japan	Japan Equities	5.17%	+132	-2.16%	-1.52%	3.44%	33.45	8	-16.36%
EWL	iShares Switzerland Index	Europe Stock	5.12%	+131	5.32%	11.76%	10.89%	15.12	11	-8.96%
EWY	iShares S. Korea Index	Pacific Asia/excl. Japan	5.12%	+130	3.49%	9.82%	11.81%	16.02	10	-31.90%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	5.04%	+129	3.17%	8.40%	10.47%	14.13	9	-10.35%
IAU	iShares Gold Trust	Precious Metals	5.03%	+128	-0.46%	3.45%	12.67%	12.84	7	-0.99%
DBJP	Deutsche X-Trackers MSCI Japan Hedge	Japan Equities	5.03%	+127	-1.02%	-0.43%	4.67%	29.12	8	-1.74%
VNQL	Vanguard Global ex-U.S. Real Estate	Global Real Estate	5.01%	+126	2.38%	6.69%	9.77%	3.02	5	-34.62%
IDV	iShares International Select Dividend	Foreign Large Cap Equ	5.00%	+125	3.63%	8.87%	11.03%	3.06	7	-21.99%
GLD	SPDR Gold Shares	Precious Metals	4.99%	+124	-0.44%	3.45%	12.65%	12.69	7	-1.40%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equ	4.98%	+123	2.97%	8.17%	9.97%	14.79	9	-8.26%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equ	4.98%	+122	3.06%	8.23%	10.01%	14.13	9	-10.04%
FPE	First Trust Preferred Securities and Incom	Preferred Stock	4.97%	+121	2.49%	5.11%	7.66%	0.36	4	-18.75%
REZ	iShares Residential Real Estate Capped	Specialty-Real Estate	4.89%	+120	6.01%	12.55%	12.40%	7.58	10	-25.87%
SCHF	Schwab International Equity	Foreign Large Cap Equ	4.89%	+119	2.41%	7.60%	9.64%	14.75	9	-9.50%
EWJ	iShares Japan Index	Japan Stock	4.86%	+118	1.47%	3.45%	8.02%	17.82	8	-13.46%
HEWG	iShares Currency Hedged MSCI Germany	Europe Equities	4.86%	+117	1.96%	11.00%	9.86%	19.63	11	-5.06%
VSS	Vanguard FTSE All-Wld ex-US SmCP Idx	Foreign Small & Mid Ca	4.77%	+116	2.79%	8.36%	9.85%	11.89	8	-19.00%
HEZU	iShares Currency Hedged MSCI Eurozon	Europe Equities	4.73%	+115	1.83%	8.15%	8.97%	19.87	10	-14.48%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equ	4.72%	+114	4.20%	10.08%	12.15%	15.63	11	-15.00%
FBT	1st Trust Biotechnolgy Index	Health & Biotech Equiti	4.71%	+113	10.17%	12.63%	7.73%	2.55	8	-14.49%
EMB	iShares Emerging Markets Bond	Emerging Market Bond	4.70%	+112	2.54%	6.63%	10.30%	5.28	6	-24.51%
BBH	VanEck Vectors Biotech	Health & Biotech	4.63%	+111	7.59%	8.94%	5.87%	3.49	6	-25.11%
ACWX	iShares MSCI ACWI ex US	Global Equities	4.50%	+110	2.59%	7.23%	9.25%	12.18	8	-13.70%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	4.49%	+109	2.72%	5.43%	8.81%	11.93	7	-15.91%
IXUS	iShares Core MSCI Total International Sto	Global Equities	4.47%	+108	2.53%	7.29%	9.05%	12.18	8	-14.03%
IYZ	Down Jones US Telecom	Commun. Equities	4.43%	+107	3.97%	4.69%	9.53%	1.47	5	-37.71%
LQD	iShares iBoxx \$ Liquid Invest. Gr.	Corporate Bonds	4.42%	+106	3.26%	8.59%	10.68%	4.96	7	-20.47%
VWOB	Vanguard Emerging Markets Gov Bonds	Emerging Markets Bon	4.37%	+105	2.89%	7.02%	10.16%	4.54	6	-23.44%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	4.34%	+104	2.92%	8.05%	10.13%	10.87	8	-20.85%
VXUS	Vanguard Total International Stock	Global Equities	4.33%	+103	2.60%	7.31%	9.03%	12.06	8	-14.13%
FDL	1st Trust Morningstar Div. Lead's	Large Cap Value	4.23%	+102	2.69%	7.23%	9.46%	-1.86	4	-8.42%
VEU	Vanguard FTSE All-Word ex-US	Global Equities	4.23%	+101	2.46%	7.06%	8.90%	11.97	8	-14.00%

Ticker	ETF Name	Orientation	%M/A		4 wk	8 wk	12 wk	YTD	M-Index	DD%
SDOG	ALPS Sector Dividend Dogs	Large Cap Value Equiti	4.22%	+100	3.45%	9.32%	12.09%	-0.35	6	-10.77%
PZA	Pshares Insured National Munis	National Munis	4.20%	+99	3.20%	8.82%	10.31%	5.41	7	-12.14%
EWQ	iShares France Index	Europe Stock	4.16%	+98	3.79%	9.90%	10.52%	18.30	11	-3.14%
BWX	SPDR Lehman Intl Treasury Bond	World Gov Bond	4.11%	+97	3.48%	7.76%	10.75%	3.34	6	-26.30%
BLV	Vanguard Long Term Bond	Long-Term Bond	4.07%	+96	5.50%	12.32%	15.27%	2.95	9	-36.54%
DVY	iShares Select Dividend Index	Large Cap Value	4.05%	+95	2.86%	7.53%	11.37%	-2.80	5	-11.29%
EZA	iShares South Africa Index	Emerging Markets Equi	4.05%	+94	2.43%	3.11%	13.04%	-1.46	4	-45.00%
SPHD	PowerShares S&P 500 HiDivLowVol	Large Cap Value	4.04%	+93	2.84%	7.67%	11.02%	-3.24	5	-13.87%
DBEF	Deutsche X-Trackers MSCI EAFE Hedge	Foreign Large Cap Equ	4.02%	+92	2.24%	5.51%	6.57%	14.74	7	-7.41%
PHB	PowerShares High Yield Corp Bond	High Yield Bonds	3.97%	+91	1.74%	4.08%	7.09%	5.90	5	-7.83%
VCIT	Vanguard Intermediate-Term Corporate B	Corporate Bonds	3.92%	+90	2.90%	6.89%	8.75%	4.86	6	-16.35%
XMLV	PowerShares S&P MidCap Low Volatility	Mid Cap Blend Equities	3.92%	+89	2.88%	6.23%	8.91%	-0.58	4	-9.16%
RING	iShares MCSI Global Gold Miners Fund	Commodity Producers	3.91%	+88	-1.95%	6.27%	18.69%	10.08	8	-33.39%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	3.91%	+87	4.75%	7.32%	9.07%	1.45	6	-19.57%
DBEU	Deutsche X-Trackers MSCI Europe Hedg	Europe Equities	3.85%	+86	2.78%	7.61%	7.15%	13.05	8	-0.42%
VHT	Vanguard Health Care	Health & Biotech Equiti	3.81%	+85	4.39%	8.31%	5.97%	1.07	5	-6.28%
NOBL	ProShares S&P 500 Dividend Aristocrats	Large Cap Value Equiti	3.74%	+84	3.31%	8.17%	9.27%	5.79	7	-3.55%
GDXJ	VanEck Vectors Junior Gold Miners	Commodity Producers	3.72%	+83	-3.88%	6.85%	19.10%	6.34	7	-40.81%
EWK	iShares Belgium Index	Europe Stock	3.68%	+82	2.73%	6.80%	10.89%	5.13	6	-18.83%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equ	3.65%	+81	1.06%	4.30%	5.38%	16.70	7	-13.27%
IHF	iShares DJ US Healthcare Provid's	Health & Biotech Equiti	3.65%	+80	2.12%	5.41%	5.04%	-1.92	3	-11.26%
SDY	SPDR Dividend ETF	Large Value	3.64%	+79	3.10%	8.11%	10.51%	-0.11	5	-5.57%
HYG	iShares Lehman Hi-Yield Corp.	High Yield Bond	3.62%	+78	1.84%	4.00%	6.47%	5.11	4	-13.02%
XLV	Health Care Select SPDR *	Health & Biotech Equiti	3.56%	+77	3.45%	7.04%	4.90%	0.39	4	-4.52%
JNK	Barclays Cap. High Yield Bond	High Yield Bond	3.45%	+76	1.93%	3.83%	6.39%	5.26	4	-70.84%
IYH	Dow Jones US Healthcare	Specialty-Health	3.44%	+75	3.84%	7.56%	5.14%	0.89	4	-5.18%
DWX	SPDR S&P International Dividend	Foreign Large Cap Equ	3.34%	+74	2.33%	5.61%	8.95%	9.99	7	-17.15%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equi	3.29%	+73	1.32%	5.07%	6.62%	8.31	5	-27.18%
VRP	PowerShares Variable Rate Preferred Por	Preferred Stock	3.27%	+72	1.63%	3.41%	5.15%	3.08	3	-12.81%
PPLT	ETFS Physical Platinum Shares	Precious Metals	3.23%	+71	5.72%	6.12%	12.36%	-8.18	4	-23.67%
DHS	Wisdom Tree High-Yield Equity	Large Cap Value	3.16%	+70	3.03%	5.53%	7.71%	-4.51	3	-9.88%
IHE	iShares DJ US Pharmaceuticals	Health & Biotech Equiti	3.15%	+69	4.70%	7.68%	4.17%	-0.39	4	-8.14%
BAB	PowerShares Build America Bond Portfoli	National Munis	3.05%	+68	3.02%	6.62%	8.46%	4.67	6	-22.32%
IHI	iShares DJ US Medical Devices	Health & Biotech Equiti	2.96%	+67	6.34%	14.22%	12.37%	2.66	9	-85.47%
ZROZ	PIMCO 25 Yr Zero Coupon US Treas Idx	Government Bonds	2.89%	+66	9.45%	20.59%	26.90%	-2.28	14	-55.08%
IXJ	S&P Global Healthcare	Health & Biotech Equiti	2.74%	+65	3.16%	6.78%	4.54%	2.17	4	-29.53%
PGX	PowerShares Preferred Portfolio	Preferred Stock/Conver	2.71%	+64	0.97%	4.75%	9.45%	2.59	4	-25.86%
XPH	SPDR Pharmaceuticals	Health & Biotech Equiti	2.69%	+63	10.66%	11.49%	6.58%	1.64	8	-25.69%
PFF	iShares S&P Preferred Stock	Preferred Stock/Conver	2.65%	+62	1.20%	4.00%	8.00%	2.16	4	-22.57%
ACWV	iShares Edge MSCI Min Vol Global	Global Equities	2.64%	+61	1.11%	3.90%	5.55%	5.61	4	-7.32%
MUB	iShares S&P National Muni Bond	National Munis	2.60%	+60	1.45%	5.50%	6.74%	2.74	4	-8.08%
HYS	PIMCO 0-5 Year High Yield Corp Bond	High Yield Bonds	2.60%	+59	1.31%	2.79%	4.19%	4.28	3	-8.68%
BIV	Vanguard Intermed. Term Bond	Intermediate-Term Bon	2.57%	+58	2.45%	5.37%	7.17%	2.77	4	-19.06%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	2.55%	+57	1.21%	4.55%	6.29%	6.09	5	-30.62%

Ticker	ETF Name	Orientation	%M/A		4 wk	8 wk	12 wk	YTD	M-Index	DD%
AGG	iShares Lehman Aggregate Bond	Intermediate-Term Bon	2.54%	+56	2.50%	5.38%	7.01%	2.33	4	-17.04%
BND	Vanguard Total Bond Market	Intermediate-Term Bon	2.50%	+55	2.42%	5.37%	6.94%	2.38	4	-17.80%
SCHZ	Schwab US Aggregate Bond	Total Bond Market	2.38%	+54	2.46%	5.28%	6.93%	2.12	4	-18.10%
TLH	iShares Lehman 10-20 Yr Treasury	Government Bonds	2.38%	+53	5.59%	10.56%	13.86%	0.07	8	-37.18%
BOND	PIMCO Total Return Active Exchange-Tra	Total Bond Market	2.38%	+52	2.68%	5.46%	6.88%	2.18	4	-18.32%
EDV	Vanguard Extended Duration Treasury	Government Bonds	2.36%	+51	8.65%	18.52%	24.62%	-2.17	12	-54.57%
PGF	PowerShares Fin. Preferred Portf.	Specialty-Financial	2.34%	+50	0.21%	3.70%	8.16%	1.25	3	-25.35%
GNR	SPDR S&P Global Natural Resources	Commodity Producers	2.30%	+49	0.30%	3.19%	4.33%	-0.65	2	-13.22%
SHYG	iShares 0-5 Year High Yield Corporate Bo	High Yield Bonds	2.29%	+48	1.13%	2.30%	4.20%	3.25	3	-12.10%
SJNK	SPDR Barclays Short Term High Yield Bo	High Yield Bonds	2.27%	+47	1.29%	2.70%	4.19%	3.71	3	-10.66%
TLT	iShares 20+ Treas. Bd	Government Bonds	2.20%	+46	6.33%	12.84%	16.62%	-0.68	9	-42.37%
VCSH	Vanguard Short-Term Corporate Bond	Corporate Bonds	2.13%	+45	1.18%	2.69%	3.48%	2.90	3	-7.06%
EWU	iShares United Kingdom Index	Europe Stock	2.04%	+44	0.52%	5.49%	4.99%	7.80	5	-12.75%
VWO	Vanguard Emerging Markets	Emerging Markets Equi	1.94%	+43	0.74%	4.02%	5.12%	5.44	4	-27.24%
IEO	iShares DJ Oil & Gas Expl.&Prod.	Energy Equities	1.94%	+42	-1.48%	-4.94%	0.02%	0.36	-2	-12.04%
FLTB	Fidelity Limited Term Bond	Corporate Bonds	1.93%	+41	1.09%	2.37%	3.15%	2.54	2	-6.98%
EPHE	iShares MSCI Philippines	Emerging Markets Equi	1.90%	+40	2.69%	6.65%	5.56%	-0.76	4	-35.65%
FXE	CurrencyShares Euro Currency Trust	Currency	1.89%	+39	1.67%	3.08%	4.39%	3.28	3	-15.30%
FXG	1st Trust Consumer Staples	Consumer Staples Equi	1.88%	+38	2.95%	5.66%	8.53%	0.51	4	-7.11%
GVI	iShares Lehman Intern. Govt/Credit	Total Bond Market	1.87%	+37	1.42%	3.08%	4.18%	2.24	3	-11.48%
GDX	Mkt Vector Gold Miners	Specialty-Precious Met	1.85%	+36	-2.51%	5.23%	15.32%	8.20	7	-30.36%
FXB	CurrencyShares British Pound	Currency	1.80%	+35	0.56%	3.26%	4.34%	5.73	3	-15.59%
FXU	1st Trust Utilities AlphaDEX	Utilities Equities	1.77%	+34	2.16%	5.92%	13.14%	-4.61	4	-12.24%
SPLV	PowerShares S&P 500 Low Volat.	Large Cap Blend	1.77%	+33	1.34%	4.57%	7.53%	-1.94	3	-9.74%
GOVT	iShares Core U.S. Treasury Bond	Government Bonds	1.72%	+32	2.17%	4.40%	5.83%	1.41	3	-18.59%
IEI	iShares Lehman 3-7 Yr. Treasury	Government Bonds	1.69%	+31	1.46%	3.05%	4.27%	1.95	3	-12.65%
BSV	Vanguard Short Term Bond	Total Bond Market	1.65%	+30	0.98%	2.07%	2.84%	2.31	2	-7.54%
PJP	Dynamic Pharmaceuticals	Health & Biotech Equiti	1.59%	+29	6.60%	7.12%	5.92%	-3.18	4	-8.91%
VGIT	Vanguard Intermediate-Term Gov Bonds	Government Bonds	1.57%	+28	1.66%	3.47%	4.81%	1.44	3	-16.27%
BNDX	Vanguard Total International Bond	Total Bond Market	1.54%	+27	-0.16%	2.26%	3.94%	4.07	3	-16.65%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equi	1.45%	+26	-0.16%	2.61%	3.90%	4.73	3	-28.41%
IEF	iShares Lehman 7-10 Yr Treasury	Government Bonds	1.45%	+25	2.50%	5.19%	7.02%	0.64	4	-21.67%
HDV	iShares Core High Dividend	Large Cap Value Equiti	1.43%	+24	1.29%	4.15%	5.72%	-2.16	2	-7.21%
SCHR	Schwab Intermediate-Term U.S. Treasury	Government Bonds	1.42%	+23	1.68%	3.43%	4.76%	1.00	3	-15.67%
IGE	iShares North American Natural Resource	Commodity Producers	1.40%	+22	-0.66%	-0.73%	2.21%	0.15	0	-10.37%
TOTL	SPDR DoubleLine Total Return Tactical	Total Bond Market	1.37%	+21	2.63%	5.12%	6.03%	0.52	4	-20.06%
FXY	CurrencyShares Japanese Yen Trust	Currency	1.37%	+20	4.11%	5.89%	5.75%	-7.44	2	-31.94%
FXN	1st Trust Energy AlphaDEX	Energy Equities	1.23%	+19	-1.94%	-6.08%	-0.77%	-2.34	-3	-13.97%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	1.13%	+18	1.48%	3.63%	4.42%	2.75	3	-34.79%
FXH	1st Trust Health Care AlphaDEX	Health & Biotech Equiti	1.09%	+17	6.22%	10.64%	7.05%	-4.76	5	-19.17%
TIP	iShares TIPS Bond Fd	Inflation-Protected Bon	0.99%	+16	1.92%	3.12%	5.26%	0.99	3	-17.86%
BKLN	PowerShares Exchange-Traded Fund Tru	High Yield Bonds	0.98%	+15	1.34%	0.95%	1.29%	3.17	2	-9.56%
SHY	iShares Lehman 1-3 Year Treasury	Government Bonds	0.85%	+14	0.49%	1.02%	1.52%	1.07	1	-5.48%
ECH	iShares Chile Index	Latin America	0.80%	+13	1.84%	9.47%	14.30%	4.13	7	-49.78%

Ticker	ETF Name	Orientation	%M/A	4 wk	8 wk	12 wk	YTD	M-Index	DD%	
VGSH	Vanguard Short-Term Government	Government Bonds	0.77%	+12	0.53%	1.07%	1.51%	0.88	1	-6.43%
EWM	iShares Malaysia Index	Emerging Markets Equi	0.76%	+11	-0.51%	0.14%	3.36%	-6.96	-1	-41.73%
SCHP	Schwab U.S. TIPs	Inflation-Protected Bon	0.75%	+10	1.68%	2.82%	5.05%	0.79	3	-18.30%
GUNR	FlexShares Global Upstream Natural Res	Commodity Producers	0.63%	+9	0.74%	2.73%	4.52%	-5.80	1	-16.31%
SCHO	Schwab Short-Term U.S. Treasury	Government Bonds	0.63%	+8	0.54%	1.02%	1.47%	0.44	1	-6.34%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equi	0.61%	+7	-1.31%	2.81%	2.10%	3.26	2	-27.67%
VDC	Vanguard Consumer Staples	Consumer Staples Equi	0.20%	+6	1.74%	4.82%	8.13%	-0.32	4	-8.33%
IXC	S&P Global Energy	Energy Equities	0.16%	+5	-1.81%	-2.88%	-0.53%	0.31	-1	-8.19%
SLV	iShares Silver Trust	Precious Metals	0.15%	+4	-6.64%	2.64%	10.39%	-1.09	1	-19.33%
VTIP	Vanguard Short-Term Inflation-Protected	Inflation-Protected Bon	0.13%	+3	-0.54%	0.17%	1.52%	1.67	1	-10.06%
FTSM	First Trust Enhanced Short Maturity	Total Bond Market	0.12%	+2	0.10%	0.25%	0.30%	0.37	0	-0.93%
IWY	Russell Top 200 Growth	Small Growth	0.00%	+1	3.64%	10.24%	11.30%	0.00	6	-0.40%
RSX	Market Vectors Russia	Emerging Markets Equi	0.00%	-1	0.00%	0.00%	0.00%	-0.53	0	-83.14%
FLOT	iShares Floating Rate Bond	Corporate Bonds	-0.09%	-2	-0.04%	-0.06%	-0.18%	0.58	0	-0.92%
EWS	iShares Singapore Index	Pacific Asia/excl. Japan	-0.10%	-3	2.80%	2.30%	2.47%	-0.58	2	-33.66%
IDU	Dow Jones US Utilities	Utilities Equities	-0.16%	-4	0.41%	3.42%	11.51%	-7.64	2	-54.86%
JXI	iShares S&P Global Utilities	Utilities Equities	-0.16%	-5	-0.49%	3.23%	11.59%	-2.86	3	-13.39%
EWT	iShares Taiwan Index	Pacific Asia/excl. Japan	-0.28%	-6	-6.10%	0.63%	1.01%	14.62	3	-32.08%
XLP	Consumer Staples Select *	Consumer Staples	-0.64%	-7	1.52%	4.77%	8.04%	-3.38	3	-10.60%
VDE	Vanguard Energy VIPERS	Energy Equities	-0.93%	-8	-1.64%	-4.02%	-2.32%	-3.30	-3	-11.07%
IYE	Dow Jones US Energy	Specialty-Natural Res.	-1.19%	-9	-1.25%	-3.39%	-1.96%	-5.10	-3	-12.63%
XLE	Energy Select Sector *	Energy Equities	-1.23%	-10	-1.39%	-3.28%	-2.20%	-4.15	-3	-10.88%
XLU	Utilities Select Sector *	Utilities Equities	-1.56%	-11	-0.31%	2.38%	10.62%	-10.17	1	-18.93%
VPU	Vanguard Utilities VIPERS	Utilities Equities	-1.72%	-12	0.06%	2.57%	10.60%	-10.62	1	-19.09%
IYK	Dow Jones US Cons. Goods	Consumer Staples Equi	-1.86%	-13	0.27%	2.68%	6.15%	-5.46	1	-10.17%
GSG	iShares GSCI Commodity Index	Commodities.	-3.42%	-14	-2.10%	-7.43%	-6.00%	-5.51	-5	-23.84%
DBA	PowerShares DB Agriculture Fd	Agriculture Commodity	-3.51%	-15	-5.81%	-7.41%	-3.89%	2.93	-4	-9.67%
DJP	Bloomberg Commodity Index	Commodities	-3.60%	-16	-2.78%	-6.41%	-3.19%	-9.85	-6	-26.24%
THD	iShares Thailand Capped Invest Mrkt Idx	Emerging Markets Equi	-3.62%	-17	2.70%	0.58%	4.55%	-15.07	-2	-37.23%
TUR	iShares Turkey Investment Index	Emerging Markets Equi	-4.36%	-18	-9.53%	-7.21%	-18.26%	-12.76	-12	-31.49%
FTGC	First Trust Global Tactical Commodity Str	Commodities	-4.44%	-19	-3.11%	-5.91%	-3.65%	-8.37	-5	-28.67%
TBF	ProShares Short 20+Year Treasury	Inverse Bonds	-4.67%	-20	-7.64%	-12.75%	-15.64%	-2.51	-10	-17.84%
MOO	VanEck Vectors Agribusiness	Commodity Producers	-5.06%	-21	2.02%	1.38%	-0.10%	-11.25	-2	-29.68%
AGQ	ProShares Ultra Silver	Leveraged Commodity	-5.37%	-22	-14.24%	2.64%	17.87%	-15.09	-2	-61.02%
UUP	PowerShares DB US Dollar Bullish	Currency	-5.55%	-23	-7.23%	-8.51%	-8.91%	-2.59	-7	-11.67%
EWK	iShares Hong Kong Index	China Equities	-6.22%	-24	3.02%	-0.97%	0.17%	-17.33	-4	-38.19%
EFZ	ProSharesShort MSCI EAFE	Inverse Equities	-6.51%	-25	-5.14%	-9.26%	-10.26%	-14.25	-10	-51.95%
DBC	PowerShares DB Commodity Index	Commodities	-7.58%	-26	-7.39%	-10.70%	-7.86%	-10.59	-9	-27.81%
SH	Short S&P 500 ProShares ETF	Inverse Equities	-8.53%	-27	-4.90%	-9.35%	-9.98%	-18.96	-11	-68.81%
DOG	ProShares Short Dow 30	Bear Market	-8.62%	-28	-4.56%	-10.03%	-11.24%	-10.89	-9	-66.79%
MCHI	iShares MSCI China	China Equities	-8.75%	-29	-3.71%	-5.80%	-5.52%	-14.23	-7	-58.08%
TBT	ProShares UltraShort Lehman 20 Yr Trea	Leveraged Bonds	-9.71%	-30	-13.74%	-23.52%	-29.16%	-7.08	-18	-32.21%
ASHR	Deutsche X-Trackers China A-Shares	China Equities	-9.84%	-31	-3.55%	-5.16%	-7.18%	-14.67	-8	-48.47%

Ticker	ETF Name	Orientation	%M/A	4 wk	8 wk	12 wk	YTD	M-Index	DD%	
FXI	iShares China 25 Index	China Equities	-10.81%	-32	-3.46%	-8.80%	-8.39%	-15.09	-9	-55.88%
RWM	ProShares Short Russell2000	Inverse Equities	-10.87%	-33	-9.41%	-14.38%	-14.86%	-14.31	-13	-66.60%
PSQ	ProShares Short QQQ	Inverse Equities	-12.62%	-34	-6.23%	-11.15%	-11.57%	-35.60	-16	-82.96%
HDGE	Ranger Equity Bear	Inverse Equities	-18.18%	-35	-15.74%	-21.38%	-21.09%	-33.36	-23	-82.94%
UNG	U.S. Natural Gas Fund	Oil & Gas	-23.66%	-36	-6.97%	-30.17%	-34.50%	-64.04	-34	-94.26%
HEDJ	WisdomTree Europe Hedged Equity	Europe Equities	-28.20%	-37	2.51%	8.62%	8.87%	-38.75	-5	-48.95%
PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	-56.78%	-38	4.08%	9.45%	11.71%	-77.31	-13	-79.94%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	-57.96%	-39	3.30%	6.79%	8.22%	-78.72	-15	-85.40%