

HV Domestic ETFs as of 12/14/2017

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
MTUM	iShares Edge MSCI USA Momentum Factores	All Cap Equities	12	1.17%	4.10%	7.92%	34.93%	11.47%	-0.92%
QQQ	PowerShares QQQ Trust, Series 1	Large Growth	11	0.87%	5.10%	7.91%	31.57%	9.21%	-0.45%
IWF	Russell 1000 Growth	Large Growth	11	2.14%	4.79%	7.68%	27.91%	9.81%	-0.27%
DIA	SPDR Dow Jones Industrial Average	Large Cap Value	11	4.54%	6.01%	9.89%	24.33%	12.12%	-0.30%
VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	10	2.08%	4.21%	6.77%	25.46%	8.72%	-0.21%
IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	10	2.05%	4.13%	6.76%	25.16%	8.64%	-0.26%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	10	2.30%	4.80%	7.23%	25.94%	8.80%	-0.16%
IWW	S&P 500/BARRA Growth	Large Growth	10	2.01%	4.10%	6.68%	25.33%	8.66%	-0.27%
MGK	Vanguard Mega Cap Growth	Large Cap Growth Equi	10	1.89%	4.46%	6.49%	27.74%	8.56%	-0.15%
VUG	Vanguard Growth	Large Cap Growth	9	1.65%	3.99%	6.16%	25.91%	8.05%	-0.17%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	9	3.32%	4.35%	7.63%	19.66%	8.87%	-0.41%
SCHB	Schwab U.S. Broad Market	All Cap Equities	8	2.59%	3.52%	6.32%	18.33%	7.54%	-0.47%
IWP	Russell MidCap Growth	Mid-Cap Growth	8	1.43%	2.74%	6.13%	22.05%	7.93%	-1.14%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	8	2.65%	3.80%	6.43%	19.11%	7.70%	-0.42%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	8	-0.22%	1.98%	5.67%	24.95%	7.87%	-1.47%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	8	1.25%	0.97%	2.53%	25.29%	6.59%	-0.76%
IWB	Russell 1000 Index	Large Blend	8	2.62%	3.69%	5.89%	18.69%	7.60%	-0.47%
IVV	S&P 500	Large Blend	8	2.76%	3.88%	6.01%	18.91%	7.75%	-0.41%
VLUE	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	8	3.01%	5.01%	7.95%	18.01%	9.48%	-0.78%
ITOT	iShares Core S&P Total U.S. Stock Market	All Cap Equities	8	2.58%	3.56%	5.80%	18.39%	7.53%	-0.49%
VOO	Vanguard S&P 500	Large Cap Blend Equiti	8	2.75%	3.86%	6.55%	18.88%	7.77%	-0.42%
GSLC	Goldman Sachs ActiveBeta U.S. Large CaP	Large Cap Blend Equiti	8	2.79%	4.31%	6.67%	19.61%	8.16%	-0.45%
VTI	Total Stock Market VIPERs	All Cap Equities	8	2.59%	3.51%	5.83%	18.22%	7.53%	-0.47%
VV	Vanguard LargeCap	Large Cap Blend	8	2.75%	3.85%	6.51%	19.20%	7.78%	-0.45%
FEX	First Trust Large Cap Core AlphaDEX	Large Cap Blend Equity	8	2.46%	3.67%	6.90%	18.80%	7.55%	-0.79%
SPY	SPDR S&P 500	Large Cap Blend	8	2.72%	3.86%	6.52%	18.85%	7.76%	-0.42%
IWO	Russell 2000 Growth	Small Growth	7	1.42%	1.45%	5.20%	18.85%	7.25%	-2.04%
IWW	Russell 3000 Index	All Cap Equities	7	2.55%	3.44%	5.78%	18.12%	7.45%	-0.47%
IJK	S&P MidCap 400/BARRA Growth	Mid-Cap Growth	7	1.84%	3.55%	7.15%	17.42%	7.43%	-1.36%
FNDX	Schwab Fundamental U.S. Large Company Index	Large Cap Value Equiti	7	3.61%	3.96%	6.44%	13.52%	7.37%	-0.59%
PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	7	0.29%	2.39%	5.23%	21.60%	6.75%	-1.71%
USMV	iShares Edge MSCI Min Vol USA	All Cap Equities	7	1.87%	2.80%	4.89%	16.76%	5.99%	-0.43%
VTV	Vanguard Value	Large Cap Value	7	3.78%	3.75%	5.81%	13.51%	7.58%	-0.78%
VOT	Vanguard Mid-Cap Growth	Mid-Cap Growth	7	0.66%	1.99%	5.12%	19.58%	5.91%	-1.26%
VBK	Vanguard SmallCap Growth	Small Cap Growth	7	1.06%	2.28%	5.29%	18.64%	6.86%	-1.88%
PKW	PowerShares Buyback Achievers	All Cap Equities	7	4.70%	2.90%	6.19%	15.30%	7.74%	-0.63%
SPHQ	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	7	3.48%	3.26%	6.11%	16.85%	7.11%	-0.43%
RPV	Guggenheim S&P 500 Pure Value	Large Value	7	3.60%	3.85%	7.68%	13.01%	7.80%	-1.23%
RSP	Guggenheim S&P Equal Weight	Large Blend	7	2.68%	3.26%	5.89%	15.32%	6.55%	-0.70%
SCHM	Schwab U.S. Mid Cap	Mid Cap Blend Equities	7	1.98%	3.15%	5.96%	16.17%	7.01%	-1.19%
IVE	S&P 500/BARRA Value	Large Value	6	3.66%	3.52%	5.14%	11.62%	6.52%	-0.77%

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VXF	Vanguard Extended Markets VIPERs	Mid Cap Blend	6	1.80%	1.72%	4.95%	14.84%	6.26%	-1.62%
IWR	Russell MidCap Index Fs	Mid-Cap Blend	6	1.89%	2.59%	5.10%	14.86%	5.99%	-0.95%
SCHV	Schwab U.S. Large-Cap Value	Large Cap Value Equiti	6	2.99%	2.89%	5.73%	13.12%	6.64%	-0.71%
MDY	MidCap Trust Series I	Mid-Cap Blend	6	1.86%	2.65%	6.26%	12.81%	6.09%	-1.60%
SPLV	PowerShares S&P 500 Low Volat.	Large Cap Blend	6	1.21%	2.36%	4.48%	14.96%	5.49%	-0.93%
IJH	S&P MidCap 400	Mid-Cap Blend	6	1.89%	2.69%	5.95%	12.97%	6.17%	-1.58%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	6	3.12%	2.82%	5.51%	13.20%	5.68%	-0.86%
PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	6	3.38%	3.49%	6.09%	12.95%	6.99%	-0.68%
VO	Vanguard Mid-Cap	Mid-Cap Blend	6	2.04%	2.47%	4.99%	16.14%	5.81%	-0.81%
XMLV	PowerShares S&P MidCap Low Volatility Portfolio	Mid Cap Blend Equities	5	0.79%	2.16%	5.04%	12.83%	4.83%	-1.65%
IJT	S&P SmallCap 600/BARRA Growth	Small Growth	5	1.26%	1.14%	5.55%	11.61%	6.13%	-2.76%
VB	Vanguard SmallCap	Small Cap Blend	5	1.53%	1.74%	5.08%	12.66%	5.83%	-1.77%
IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	5	2.14%	1.97%	5.41%	9.66%	5.45%	-1.80%
SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	5	1.79%	1.10%	4.78%	11.63%	5.87%	-1.96%
IWD	Russell 1000 Value	Large Value	5	3.16%	2.65%	4.20%	9.94%	5.35%	-0.81%
IWS	Russell MidCap Value	Mid-Cap Value	5	2.19%	2.41%	4.26%	9.31%	4.42%	-1.02%
IJS	S&P SmallCap 600/BARRA Value	Small Value	4	1.63%	0.91%	5.44%	7.47%	6.19%	-2.86%
IJR	S&P Sm.Cap 600	Small Blend	4	1.43%	1.01%	5.43%	9.61%	6.13%	-2.75%
IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	4	1.90%	1.74%	4.72%	8.14%	4.76%	-1.87%
IWM	Russell 2000	Small Blend	4	1.58%	0.54%	4.46%	11.31%	5.71%	-2.31%
VBR	Vanguard SmallCap Value	Small Cap Value	4	2.01%	1.24%	4.36%	8.00%	4.98%	-1.83%
IWN	Russell 2000 Value	Small Value	2	1.65%	-0.42%	3.61%	4.67%	4.22%	-2.77%