

HV Domestic ETFs as of 05/16/2019

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD %M/A	DD%	
PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	8	0.80%	2.97%	6.75%	19.99%	6.26%	-3.20%
QQQ	PowerShares QQQ Trust, Series 1	Large Growth	7	-1.31%	1.29%	7.76%	19.88%	6.48%	-3.23%
VUG	Vanguard Growth	Large Cap Growth	7	-0.35%	1.50%	6.58%	19.59%	6.38%	-2.20%
IWP	Russell MidCap Growth	Mid-Cap Growth	7	-0.52%	1.44%	4.60%	21.86%	7.35%	-2.33%
VOT	Vanguard Mid-Cap Growth	Mid-Cap Growth	7	0.23%	1.62%	5.53%	21.88%	7.62%	-1.56%
MGK	Vanguard Mega Cap Growth	Large Cap Growth Equi	7	-0.52%	1.56%	6.94%	19.23%	6.31%	-2.45%
IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	6	0.23%	1.77%	5.71%	17.04%	5.49%	-1.64%
IWW	S&P 500/BARRA Growth	Large Growth	6	0.39%	1.83%	5.96%	17.14%	5.73%	-1.53%
IWF	Russell 1000 Growth	Large Growth	6	-0.50%	1.47%	5.82%	18.35%	5.84%	-2.36%
PKW	PowerShares Buyback Achievers	All Cap Equities	6	-1.98%	2.66%	3.33%	18.36%	5.07%	-3.26%
XMLV	PowerShares S&P MidCap Low Volatility Portfolio	Mid Cap Blend Equities	6	1.71%	3.57%	3.11%	14.98%	5.88%	-0.91%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	6	-0.24%	0.93%	3.76%	17.56%	4.70%	-3.45%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	6	-0.22%	1.50%	5.53%	18.02%	5.55%	-2.38%
SPLV	PowerShares S&P 500 Low Volat.	Large Cap Blend	6	2.11%	2.85%	4.84%	15.18%	7.41%	-0.07%
SPYG	S&P 500 Growth	Large Cap Growth	6	0.42%	1.87%	6.07%	17.26%	5.75%	-1.47%
VBK	Vanguard SmallCap Growth	Small Cap Growth	6	0.01%	-0.24%	2.40%	20.80%	4.59%	-4.26%
USMV	iShares Edge MSCI Min Vol USA	All Cap Equities	6	1.54%	2.45%	4.51%	14.14%	6.19%	-0.45%
VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	6	0.45%	1.58%	6.12%	17.36%	5.85%	-1.50%
IWR	Russell MidCap Index Fs	Mid-Cap Blend	5	-0.81%	1.09%	2.43%	17.84%	-42.01%	-75.56%
ITOT	iShares Core S&P Total U.S. Stock Market	All Cap Equities	5	-0.74%	0.97%	3.23%	15.49%	3.74%	-2.69%
VXF	Vanguard Extended Markets VIPERs	Mid Cap Blend	5	-0.35%	0.13%	0.88%	17.53%	2.72%	-6.27%
IVV	S&P 500	Large Blend	5	-0.84%	1.04%	3.71%	15.08%	3.94%	-2.18%
VV	Vanguard LargeCap	Large Cap Blend	5	-0.70%	0.52%	3.59%	15.09%	3.96%	-2.12%
IWB	Russell 1000 Index	Large Blend	5	-0.73%	1.07%	3.60%	15.44%	4.06%	-2.15%
VTI	Total Stock Market VIPERs	All Cap Equities	5	-0.67%	0.45%	3.12%	15.40%	3.70%	-2.66%
IWV	Russell 3000 Index	All Cap Equities	5	-0.73%	0.96%	3.27%	15.48%	3.80%	-2.57%
MTUM	iShares Edge MSCI USA Momentum Factores	All Cap Equities	5	2.22%	1.74%	4.03%	13.87%	3.96%	-4.59%
VOO	Vanguard S&P 500	Large Cap Blend Equiti	5	-0.80%	1.06%	3.58%	14.97%	3.92%	-2.16%
VO	Vanguard Mid-Cap	Mid-Cap Blend	5	-0.96%	0.79%	2.90%	18.05%	4.46%	-2.17%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	5	-1.31%	1.14%	4.47%	16.92%	4.79%	-2.39%
SPY	SPDR S&P 500	Large Cap Blend	5	-0.80%	1.04%	3.71%	15.12%	4.01%	-2.15%
SPHQ	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	5	-1.21%	0.93%	5.13%	17.12%	5.16%	-2.16%
SCHB	Schwab U.S. Broad Market	All Cap Equities	5	-0.70%	1.01%	3.27%	15.53%	3.77%	-2.63%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	5	-0.79%	1.06%	3.64%	15.29%	4.03%	-2.16%
IJK	S&P MidCap 400/BARRA Growth	Mid-Cap Growth	4	-1.04%	0.24%	1.18%	15.49%	1.96%	-7.16%
IWS	Russell MidCap Value	Mid-Cap Value	4	-1.12%	0.71%	0.79%	14.93%	2.08%	-5.47%
IWM	Russell 2000	Small Blend	4	-0.41%	-0.17%	-1.14%	15.76%	0.42%	-10.41%
IWO	Russell 2000 Growth	Small Growth	4	0.07%	-1.03%	0.16%	17.98%	1.65%	-10.04%
SCHM	Schwab U.S. Mid Cap	Mid Cap Blend Equities	4	-1.58%	0.22%	1.01%	16.61%	2.66%	-4.87%
SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	4	-0.39%	0.35%	-0.41%	17.11%	1.32%	-9.15%
RSP	Guggenheim S&P Equal Weight	Large Blend	4	-1.61%	0.54%	1.38%	15.33%	3.11%	-2.92%

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD %M/A	DD%	
GSLC	Goldman Sachs ActiveBeta U.S. Large CaP	Large Cap Blend Equiti	4	-0.86%	0.33%	3.11%	14.62%	3.43%	-2.72%
FEX	First Trust Large Cap Core AlphaDEX	Large Cap Blend Equity	4	-1.78%	0.44%	1.27%	15.08%	2.36%	-4.85%
VB	Vanguard SmallCap	Small Cap Blend	4	-0.83%	-0.06%	0.22%	17.21%	2.14%	-6.70%
IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	3	-3.04%	0.47%	-1.89%	14.70%	0.63%	-6.93%
IJH	S&P MidCap 400	Mid-Cap Blend	3	-2.03%	0.34%	-0.40%	15.11%	1.35%	-6.75%
IVE	S&P 500/BARRA Value	Large Value	3	-2.19%	0.11%	1.12%	12.64%	2.00%	-5.94%
FNDX	Schwab Fundamental U.S. Large Company Index	Large Cap Value Equiti	3	-1.77%	0.24%	1.35%	12.71%	1.72%	-4.96%
IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	3	-3.07%	0.49%	-1.55%	15.23%	0.46%	-7.33%
IWD	Russell 1000 Value	Large Value	3	-1.03%	0.57%	1.35%	12.48%	2.26%	-5.04%
VTV	Vanguard Value	Large Cap Value	3	-1.08%	-0.31%	0.84%	10.94%	1.69%	-4.05%
IWN	Russell 2000 Value	Small Value	3	-0.97%	0.83%	-2.46%	13.41%	-0.86%	-11.04%
PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	3	-1.70%	0.31%	1.39%	12.95%	1.66%	-5.05%
VBR	Vanguard SmallCap Value	Small Cap Value	3	-1.41%	0.23%	-1.58%	14.40%	0.22%	-8.72%
MDY	MidCap Trust Series I	Mid-Cap Blend	3	-1.98%	0.36%	-0.27%	15.20%	1.42%	-6.65%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	3	-2.13%	0.01%	0.29%	14.23%	1.28%	-7.61%
SCHV	Schwab U.S. Large-Cap Value	Large Cap Value Equiti	3	-1.39%	0.49%	1.43%	12.19%	2.19%	-4.66%
IJT	S&P SmallCap 600/BARRA Growth	Small Growth	2	-0.08%	-0.26%	-2.63%	11.87%	-1.36%	-13.67%
IJS	S&P SmallCap 600/BARRA Value	Small Value	2	-2.45%	0.01%	-4.25%	13.33%	-2.03%	-13.75%
IJR	S&P Sm.Cap 600	Small Blend	2	-1.21%	-0.10%	-3.34%	12.67%	-1.64%	-13.52%
RPV	Guggenheim S&P 500 Pure Value	Large Value	2	-2.45%	0.53%	-1.40%	12.72%	-0.62%	-9.86%
DIA	SPDR Dow Jones Industrial Average	Large Cap Value	2	-2.41%	-0.16%	0.24%	11.13%	1.97%	-3.28%
VLUE	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	1	-3.79%	-1.35%	-2.21%	9.95%	-2.26%	-10.74%