

HV Domestic ETFs as of 11/29/2018

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
SPLV	PowerShares S&P 500 Low Volat.	Large Cap Blend	2	3.33%	0.98%	-1.15%	4.11%	3.41%	-1.39%
USMV	iShares Edge MSCI Min Vol USA	All Cap Equities	2	2.44%	-0.60%	-1.23%	6.56%	3.67%	-2.33%
XMLV	PowerShares S&P MidCap Low Volatility Portfolio	Mid Cap Blend Equities	2	2.98%	0.36%	-2.36%	5.75%	2.47%	-2.89%
VTV	Vanguard Value	Large Cap Value	-1	1.82%	-3.18%	-2.62%	1.38%	1.02%	-4.83%
SPYG	S&P 500 Growth	Large Cap Growth	-1	-0.62%	-6.43%	-5.96%	7.12%	-0.95%	-7.87%
VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	-1	-0.68%	-6.37%	-6.03%	7.15%	-1.00%	-7.89%
IVW	S&P 500/BARRA Growth	Large Growth	-1	-0.64%	-6.40%	-5.82%	7.21%	-0.86%	-7.84%
PKW	PowerShares Buyback Achievers	All Cap Equities	-1	0.63%	-2.48%	-2.25%	0.08%	0.97%	-6.67%
DIA	SPDR Dow Jones Industrial Average	Large Cap Value	-1	-0.06%	-4.75%	-2.57%	2.51%	1.11%	-5.36%
IWB	Russell 1000 Index	Large Blend	-2	0.09%	-5.46%	-5.32%	2.34%	-1.05%	-6.94%
SCHB	Schwab U.S. Broad Market	All Cap Equities	-2	0.03%	-5.57%	-5.70%	2.28%	-1.31%	-7.20%
RSP	Guggenheim S&P Equal Weight	Large Blend	-2	0.74%	-4.42%	-5.25%	0.22%	-1.38%	-6.75%
QQQ	PowerShares QQQ Trust, Series 1	Large Growth	-2	-2.27%	-7.80%	-7.51%	7.95%	-2.59%	-9.96%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	-2	-0.84%	-6.80%	-6.48%	6.66%	-1.35%	-8.30%
IWD	Russell 1000 Value	Large Value	-2	1.37%	-3.49%	-3.30%	-1.28%	-0.25%	-6.68%
IVV	S&P 500	Large Blend	-2	0.24%	-5.37%	-4.91%	2.69%	-0.66%	-6.66%
IVE	S&P 500/BARRA Value	Large Value	-2	1.19%	-4.13%	-3.73%	-2.16%	-0.49%	-7.71%
IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	-2	-0.52%	-6.36%	-5.99%	6.77%	-1.08%	-7.82%
ITOT	iShares Core S&P Total U.S. Stock Market	All Cap Equities	-2	-0.02%	-5.61%	-5.75%	2.19%	-1.36%	-7.24%
GSLC	Goldman Sachs ActiveBeta U.S. Large CaP	Large Cap Blend Equiti	-2	-0.20%	-5.31%	-5.62%	3.32%	-1.09%	-6.95%
IWV	Russell 3000 Index	All Cap Equities	-2	0.07%	-5.58%	-5.76%	2.12%	-1.40%	-7.25%
VTI	Total Stock Market VIPERs	All Cap Equities	-2	0.15%	-5.55%	-5.76%	2.25%	-1.33%	-7.25%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	-2	0.11%	-5.43%	-5.13%	2.63%	-0.89%	-6.83%
SCHV	Schwab U.S. Large-Cap Value	Large Cap Value Equiti	-2	1.21%	-3.73%	-3.57%	-0.77%	-0.21%	-6.47%
VV	Vanguard LargeCap	Large Cap Blend	-2	0.18%	-5.37%	-5.04%	2.64%	-0.82%	-6.74%
SPY	SPDR S&P 500	Large Cap Blend	-2	0.17%	-5.37%	-4.92%	2.67%	-0.68%	-6.68%
VOO	Vanguard S&P 500	Large Cap Blend Equiti	-2	0.18%	-5.36%	-4.91%	2.66%	-0.71%	-6.65%
IWF	Russell 1000 Growth	Large Growth	-3	-1.17%	-7.43%	-7.36%	5.57%	-2.00%	-9.07%
VO	Vanguard Mid-Cap	Mid-Cap Blend	-3	0.25%	-5.19%	-6.87%	-0.96%	-3.10%	-7.96%
IWP	Russell MidCap Growth	Mid-Cap Growth	-3	-0.06%	-5.57%	-8.12%	3.13%	-2.61%	-9.50%
MGK	Vanguard Mega Cap Growth	Large Cap Growth Equi	-3	-2.14%	-8.31%	-7.73%	4.20%	-3.02%	-9.86%
MTUM	iShares Edge MSCI USA Momentum Factores	All Cap Equities	-3	-1.43%	-8.50%	-7.74%	4.31%	-3.24%	-10.07%
VOT	Vanguard Mid-Cap Growth	Mid-Cap Growth	-3	0.19%	-5.70%	-7.55%	2.65%	-2.67%	-8.76%
PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	-3	0.15%	-5.18%	-4.87%	-0.74%	-1.35%	-6.69%
VBK	Vanguard SmallCap Growth	Small Cap Growth	-3	-0.87%	-6.95%	-10.14%	4.61%	-3.61%	-11.44%
VUG	Vanguard Growth	Large Cap Growth	-3	-1.61%	-7.75%	-7.65%	4.03%	-2.82%	-9.39%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	-3	-0.74%	-6.97%	-8.07%	4.06%	-4.49%	-10.09%
RPV	Guggenheim S&P 500 Pure Value	Large Value	-3	-0.72%	-5.45%	-5.82%	-1.86%	-2.45%	-8.50%
FNDX	Schwab Fundamental U.S. Large Company Index	Large Cap Value Equiti	-3	-0.13%	-5.48%	-4.76%	0.32%	-0.95%	-6.75%
IJT	S&P SmallCap 600/BARRA Growth	Small Growth	-3	-0.59%	-6.46%	-11.60%	7.26%	-3.10%	-12.71%
SCHM	Schwab U.S. Mid Cap	Mid Cap Blend Equities	-3	-0.06%	-5.38%	-7.69%	0.69%	-2.50%	-8.70%

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IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	-3	0.54%	-5.60%	-7.05%	-1.42%	-2.80%	-8.21%
MDY	MidCap Trust Series I	Mid-Cap Blend	-4	0.49%	-5.60%	-8.07%	-1.46%	-3.71%	-8.87%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	-4	0.27%	-4.71%	-6.17%	-3.99%	-3.45%	-9.05%
IJK	S&P MidCap 400/BARRA Growth	Mid-Cap Growth	-4	0.43%	-5.71%	-8.92%	-0.62%	-4.33%	-9.82%
IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	-4	0.64%	-5.51%	-7.29%	-2.52%	-3.19%	-8.45%
IJH	S&P MidCap 400	Mid-Cap Blend	-4	0.47%	-5.60%	-8.20%	-1.71%	-3.87%	-9.00%
IJR	S&P Sm.Cap 600	Small Blend	-4	-1.08%	-7.14%	-11.74%	2.46%	-4.85%	-12.86%
VXF	Vanguard Extended Markets VIPERs	Mid Cap Blend	-4	-0.86%	-6.77%	-9.75%	-0.14%	-4.65%	-10.86%
PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	-4	-0.65%	-8.22%	-10.46%	2.92%	-4.27%	-11.55%
VBR	Vanguard SmallCap Value	Small Cap Value	-4	0.01%	-5.87%	-8.88%	-2.90%	-4.40%	-9.80%
VB	Vanguard SmallCap	Small Cap Blend	-4	-0.32%	-6.36%	-9.47%	0.41%	-4.04%	-10.50%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	-4	-1.18%	-7.16%	-6.79%	0.71%	-2.18%	-8.51%
SPHQ	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	-4	-2.23%	-6.93%	-6.12%	-0.76%	-2.05%	-8.17%
FEX	First Trust Large Cap Core AlphaDEX	Large Cap Blend Equity	-4	-0.22%	-6.60%	-7.18%	-1.32%	-3.54%	-8.36%
IWS	Russell MidCap Value	Mid-Cap Value	-4	0.25%	-4.95%	-6.55%	-4.39%	-3.34%	-8.18%
IWM	Russell 2000	Small Blend	-5	-1.08%	-7.25%	-11.03%	-0.41%	-5.66%	-12.25%
IWO	Russell 2000 Growth	Small Growth	-5	-1.74%	-8.16%	-12.49%	1.58%	-6.16%	-13.92%
VLUE	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	-5	-2.60%	-7.40%	-6.80%	-2.32%	-3.42%	-8.63%
SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	-5	-0.99%	-7.20%	-10.96%	-1.30%	-5.48%	-12.00%
IWN	Russell 2000 Value	Small Value	-5	-0.32%	-6.22%	-9.48%	-2.54%	-5.06%	-10.61%
IJS	S&P SmallCap 600/BARRA Value	Small Value	-6	-1.69%	-7.89%	-11.97%	-2.22%	-6.55%	-13.33%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	-8	-2.29%	-8.80%	-8.98%	-12.83%	-10.34%	-18.36%
IWR	Russell MidCap Index Fs	Mid-Cap Blend	-57	0.23%	-76.28%	-76.81%	-75.26%	-73.29%	-77.02%