

# HV Domestic ETFs as of 12/27/2018

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	-5	-6.84%	-3.74%	-5.93%	-3.02%	-4.02%	-8.23%
XMLV	PowerShares S&P MidCap Low Volatility Portfolio	Mid Cap Blend Equities	-6	-8.48%	-5.75%	-8.16%	-3.22%	-6.69%	-11.13%
USMV	iShares Edge MSCI Min Vol USA	All Cap Equities	-6	-7.49%	-5.23%	-8.04%	-1.42%	-4.45%	-9.64%
SPYG	S&P 500 Growth	Large Cap Growth	-9	-8.83%	-9.39%	-14.69%	-2.33%	-9.46%	-16.00%
MTUM	iShares Edge MSCI USA Momentum Factores	All Cap Equities	-9	-8.04%	-9.35%	-15.86%	-4.07%	-10.50%	-17.30%
DIA	SPDR Dow Jones Industrial Average	Large Cap Value	-9	-8.81%	-8.86%	-13.14%	-6.52%	-7.63%	-13.69%
IWF	Russell 1000 Growth	Large Growth	-9	-8.64%	-9.71%	-15.43%	-3.55%	-10.14%	-16.92%
VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	-9	-8.72%	-9.34%	-14.53%	-2.19%	-9.37%	-15.92%
QQQ	PowerShares QQQ Trust, Series 1	Large Growth	-9	-8.98%	-11.05%	-16.08%	-1.74%	-10.95%	-18.04%
IWW	S&P 500/BARRA Growth	Large Growth	-9	-8.76%	-9.34%	-14.60%	-2.18%	-9.32%	-15.91%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	-9	-9.11%	-9.87%	-15.29%	-3.05%	-10.06%	-16.66%
IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	-9	-8.99%	-9.46%	-14.78%	-2.83%	-9.71%	-16.10%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	-10	-9.30%	-9.97%	-15.62%	-5.62%	-12.64%	-18.45%
SCHV	Schwab U.S. Large-Cap Value	Large Cap Value Equiti	-10	-9.71%	-8.62%	-13.08%	-10.41%	-9.49%	-15.55%
IVV	S&P 500	Large Blend	-10	-9.42%	-9.21%	-14.29%	-6.99%	-9.68%	-15.45%
IWB	Russell 1000 Index	Large Blend	-10	-9.57%	-9.49%	-14.51%	-7.46%	-10.15%	-15.85%
MGK	Vanguard Mega Cap Growth	Large Cap Growth Equi	-10	-8.48%	-10.44%	-16.08%	-4.63%	-10.82%	-17.51%
IWP	Russell MidCap Growth	Mid-Cap Growth	-10	-9.44%	-9.49%	-14.49%	-6.61%	-11.26%	-18.05%
SCHB	Schwab U.S. Broad Market	All Cap Equities	-10	-9.73%	-9.70%	-14.75%	-7.67%	-10.52%	-16.23%
VOO	Vanguard S&P 500	Large Cap Blend Equiti	-10	-9.44%	-9.28%	-14.29%	-7.03%	-9.73%	-15.46%
VV	Vanguard LargeCap	Large Cap Blend	-10	-9.50%	-9.34%	-14.36%	-7.11%	-9.90%	-15.60%
SPY	SPDR S&P 500	Large Cap Blend	-10	-9.46%	-9.30%	-14.32%	-7.04%	-9.74%	-15.50%
VUG	Vanguard Growth	Large Cap Growth	-10	-8.97%	-10.44%	-16.03%	-5.30%	-11.11%	-17.52%
VTV	Vanguard Value	Large Cap Value	-10	-9.93%	-8.28%	-12.79%	-8.68%	-8.75%	-14.28%
GSLC	Goldman Sachs ActiveBeta U.S. Large CaP	Large Cap Blend Equiti	-10	-9.43%	-9.61%	-14.24%	-6.43%	-10.06%	-15.73%
VOT	Vanguard Mid-Cap Growth	Mid-Cap Growth	-10	-9.43%	-9.26%	-14.59%	-7.03%	-11.32%	-17.37%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	-10	-9.41%	-9.31%	-14.33%	-7.02%	-9.86%	-15.60%
PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	-11	-9.41%	-10.00%	-16.86%	-6.76%	-12.72%	-19.87%
VTI	Total Stock Market VIPERs	All Cap Equities	-11	-9.80%	-9.66%	-14.81%	-7.77%	-10.62%	-16.34%
SPHQ	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	-11	-8.67%	-10.71%	-15.00%	-9.36%	-10.04%	-16.13%
IWD	Russell 1000 Value	Large Value	-11	-10.26%	-9.03%	-13.39%	-11.40%	-10.04%	-16.25%
RSP	Guggenheim S&P Equal Weight	Large Blend	-11	-10.22%	-9.56%	-14.19%	-10.03%	-11.01%	-16.28%
ITOT	iShares Core S&P Total U.S. Stock Market	All Cap Equities	-11	-9.84%	-9.86%	-14.90%	-7.87%	-10.68%	-16.37%
IVE	S&P 500/BARRA Value	Large Value	-11	-10.13%	-9.06%	-13.84%	-12.07%	-10.10%	-17.06%
IWV	Russell 3000 Index	All Cap Equities	-11	-9.84%	-9.77%	-14.87%	-7.93%	-10.70%	-16.38%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	-11	-8.78%	-9.86%	-15.31%	-8.13%	-10.27%	-16.55%
FNDX	Schwab Fundamental U.S. Large Company Index	Large Cap Value Equiti	-12	-10.32%	-10.44%	-15.24%	-10.04%	-10.82%	-16.38%
IJT	S&P SmallCap 600/BARRA Growth	Small Growth	-12	-12.44%	-12.96%	-18.10%	-6.09%	-14.88%	-23.57%
FEX	First Trust Large Cap Core AlphaDEX	Large Cap Blend Equity	-12	-10.56%	-10.76%	-16.46%	-11.74%	-13.00%	-18.04%
VBK	Vanguard SmallCap Growth	Small Cap Growth	-12	-11.66%	-12.42%	-17.80%	-7.58%	-14.40%	-21.76%
VO	Vanguard Mid-Cap	Mid-Cap Blend	-12	-10.53%	-10.31%	-15.17%	-11.39%	-12.64%	-17.65%

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PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	-12	-10.52%	-10.38%	-15.16%	-11.18%	-11.29%	-16.50%
SCHM	Schwab U.S. Mid Cap	Mid Cap Blend Equities	-12	-11.43%	-11.48%	-16.19%	-10.81%	-13.12%	-19.13%
VXF	Vanguard Extended Markets VIPERs	Mid Cap Blend	-13	-11.55%	-12.32%	-17.54%	-11.68%	-15.00%	-21.16%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	-13	-11.60%	-11.36%	-15.77%	-15.13%	-13.89%	-19.60%
IJH	S&P MidCap 400	Mid-Cap Blend	-13	-11.84%	-11.42%	-16.77%	-13.35%	-14.57%	-19.77%
IJK	S&P MidCap 400/BARRA Growth	Mid-Cap Growth	-13	-11.74%	-11.37%	-16.79%	-12.29%	-14.79%	-20.41%
PKW	PowerShares Buyback Achievers	All Cap Equities	-13	-12.19%	-11.64%	-14.37%	-12.12%	-10.81%	-18.05%
VB	Vanguard SmallCap	Small Cap Blend	-13	-11.99%	-12.28%	-17.59%	-11.63%	-15.00%	-21.23%
IWS	Russell MidCap Value	Mid-Cap Value	-13	-11.06%	-10.84%	-15.47%	-14.96%	-13.37%	-18.33%
MDY	MidCap Trust Series I	Mid-Cap Blend	-13	-11.93%	-11.50%	-16.86%	-13.21%	-14.53%	-19.74%
VBR	Vanguard SmallCap Value	Small Cap Value	-14	-12.31%	-12.30%	-17.46%	-14.85%	-15.53%	-20.90%
VLUE	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	-14	-11.61%	-13.90%	-18.15%	-13.66%	-13.88%	-19.23%
IJR	S&P Sm.Cap 600	Small Blend	-14	-12.86%	-13.80%	-19.08%	-10.71%	-16.58%	-24.06%
IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	-14	-12.11%	-11.54%	-16.95%	-14.33%	-14.35%	-19.54%
IWO	Russell 2000 Growth	Small Growth	-14	-12.57%	-14.09%	-19.71%	-11.19%	-17.18%	-24.74%
SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	-15	-12.79%	-13.65%	-19.06%	-13.92%	-16.83%	-23.25%
RPV	Guggenheim S&P 500 Pure Value	Large Value	-15	-12.93%	-13.55%	-17.67%	-14.54%	-14.32%	-20.32%
IWM	Russell 2000	Small Blend	-15	-12.74%	-13.69%	-19.07%	-13.11%	-16.97%	-23.43%
IWN	Russell 2000 Value	Small Value	-15	-13.15%	-13.43%	-18.56%	-15.36%	-16.93%	-22.36%
IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	-15	-13.16%	-12.69%	-18.02%	-14.39%	-15.06%	-20.28%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	-16	-10.15%	-12.21%	-18.05%	-21.68%	-17.93%	-26.64%
IJS	S&P SmallCap 600/BARRA Value	Small Value	-16	-13.18%	-14.65%	-20.03%	-15.11%	-18.16%	-24.75%
IWR	Russell MidCap Index Fs	Mid-Cap Blend	-44	-10.45%	-10.24%	-78.76%	-77.85%	-73.85%	-79.42%