

HV Domestic ETFs as of 12/06/2018

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD %M/A	DD%
XMLV	PowerShares S&P MidCap Low Volatility Portfolio	Mid Cap Blend Equities	2	0.02%	3.88%	-2.90%	5.64% 2.10%	-2.99%
SPLV	PowerShares S&P 500 Low Volat.	Large Cap Blend	2	0.53%	5.13%	-1.23%	4.27% 3.36%	-1.33%
USMV	iShares Edge MSCI Min Vol USA	All Cap Equities	1	-1.06%	3.40%	-2.39%	6.01% 2.92%	-2.83%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	-2	-4.16%	-1.27%	-8.87%	5.33% -2.67%	-9.45%
IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	-2	-3.86%	-0.79%	-8.26%	5.60% -2.26%	-8.83%
VTV	Vanguard Value	Large Cap Value	-2	-3.08%	0.36%	-4.99%	-0.45% -0.88%	-6.55%
IVW	S&P 500/BARRA Growth	Large Growth	-2	-3.81%	-0.67%	-7.96%	6.16% -1.93%	-8.74%
VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	-2	-3.88%	-0.75%	-8.17%	6.05% -2.10%	-8.83%
QQQ	PowerShares QQQ Trust, Series 1	Large Growth	-2	-4.34%	-1.60%	-9.56%	7.15% -3.37%	-10.63%
DIA	SPDR Dow Jones Industrial Average	Large Cap Value	-2	-4.72%	-0.22%	-4.61%	0.95% -0.54%	-6.80%
SPYG	S&P 500 Growth	Large Cap Growth	-2	-3.79%	-0.68%	-8.06%	6.09% -2.00%	-8.76%
IWP	Russell MidCap Growth	Mid-Cap Growth	-3	-3.38%	0.48%	-10.68%	1.45% -4.24%	-10.98%
RSP	Guggenheim S&P Equal Weight	Large Blend	-3	-3.47%	-0.27%	-7.53%	-1.51% -3.11%	-8.36%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	-3	-4.05%	-0.38%	-10.50%	2.62% -5.78%	-11.33%
PKW	PowerShares Buyback Achievers	All Cap Equities	-3	-4.52%	0.33%	-5.88%	-2.90% -2.06%	-9.45%
MTUM	iShares Edge MSCI USA Momentum Factores	All Cap Equities	-3	-4.51%	-0.76%	-9.22%	3.99% -3.56%	-10.35%
SCHB	Schwab U.S. Broad Market	All Cap Equities	-3	-3.85%	-1.08%	-8.01%	0.64% -2.95%	-8.69%
IWV	Russell 3000 Index	All Cap Equities	-3	-3.89%	-1.11%	-8.03%	0.49% -3.02%	-8.73%
IWF	Russell 1000 Growth	Large Growth	-3	-4.19%	-1.60%	-9.49%	4.54% -3.03%	-9.96%
IWD	Russell 1000 Value	Large Value	-3	-3.14%	-0.07%	-5.51%	-3.12% -2.14%	-8.42%
IWB	Russell 1000 Index	Large Blend	-3	-3.66%	-0.87%	-7.52%	0.86% -2.53%	-8.28%
IVV	S&P 500	Large Blend	-3	-3.79%	-0.91%	-7.20%	1.10% -2.25%	-8.09%
ITOT	iShares Core S&P Total U.S. Stock Market	All Cap Equities	-3	-3.89%	-1.08%	-8.03%	0.56% -3.00%	-8.73%
GSLC	Goldman Sachs ActiveBeta U.S. Large CaP	Large Cap Blend Equiti	-3	-3.87%	-0.79%	-7.73%	1.84% -2.56%	-8.29%
MGK	Vanguard Mega Cap Growth	Large Cap Growth Equi	-3	-4.74%	-2.48%	-9.66%	3.31% -3.90%	-10.64%
SPY	SPDR S&P 500	Large Cap Blend	-3	-3.80%	-0.86%	-7.22%	1.12% -2.24%	-8.09%
VOO	Vanguard S&P 500	Large Cap Blend Equiti	-3	-3.76%	-0.88%	-7.19%	1.11% -2.26%	-8.06%
VOT	Vanguard Mid-Cap Growth	Mid-Cap Growth	-3	-2.86%	0.29%	-9.92%	1.24% -4.04%	-10.01%
VTI	Total Stock Market VIPERS	All Cap Equities	-3	-3.82%	-0.98%	-7.99%	0.66% -2.92%	-8.69%
VUG	Vanguard Growth	Large Cap Growth	-3	-4.30%	-2.00%	-9.69%	2.96% -3.86%	-10.32%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	-3	-3.66%	-0.77%	-7.35%	1.18% -2.36%	-8.16%
SCHV	Schwab U.S. Large-Cap Value	Large Cap Value Equiti	-3	-3.11%	-0.22%	-5.64%	-2.43% -1.91%	-8.03%
VV	Vanguard LargeCap	Large Cap Blend	-3	-3.66%	-0.73%	-7.27%	1.17% -2.30%	-8.08%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	-4	-4.62%	-1.68%	-8.43%	-0.31% -3.19%	-9.45%
SPHQ	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	-4	-5.10%	-1.16%	-7.99%	-1.67% -2.95%	-9.02%
FNDX	Schwab Fundamental U.S. Large Company Index	Large Cap Value Equiti	-4	-4.31%	-1.92%	-7.29%	-1.58% -2.87%	-8.51%
PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	-4	-4.08%	-1.82%	-7.27%	-2.66% -3.29%	-8.49%
VBK	Vanguard SmallCap Growth	Small Cap Growth	-4	-4.31%	-1.70%	-12.88%	2.49% -5.64%	-13.23%
VO	Vanguard Mid-Cap	Mid-Cap Blend	-4	-3.38%	-0.44%	-9.14%	-2.61% -4.70%	-9.49%
SCHM	Schwab U.S. Mid Cap	Mid Cap Blend Equities	-4	-3.86%	-0.89%	-10.29%	-1.31% -4.49%	-10.52%
IVE	S&P 500/BARRA Value	Large Value	-4	-3.68%	-0.99%	-6.14%	-4.18% -2.56%	-9.61%

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IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	-5	-4.76%	-3.36%	-9.76%	-4.10%	-5.49%	-10.70%
IJT	S&P SmallCap 600/BARRA Growth	Small Growth	-5	-5.77%	-2.66%	-14.27%	3.78%	-6.39%	-15.54%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	-5	-3.90%	-1.16%	-8.25%	-5.79%	-5.21%	-10.76%
IJH	S&P MidCap 400	Mid-Cap Blend	-5	-4.33%	-2.36%	-10.99%	-4.27%	-6.37%	-11.37%
VXF	Vanguard Extended Markets VIPERs	Mid Cap Blend	-5	-4.40%	-2.33%	-12.03%	-2.17%	-6.59%	-12.67%
IJK	S&P MidCap 400/BARRA Growth	Mid-Cap Growth	-5	-3.91%	-1.50%	-11.75%	-3.10%	-6.70%	-12.07%
IWS	Russell MidCap Value	Mid-Cap Value	-5	-3.43%	-1.27%	-8.28%	-5.91%	-4.86%	-9.64%
MDY	MidCap Trust Series I	Mid-Cap Blend	-5	-4.33%	-2.36%	-10.87%	-4.03%	-6.23%	-11.25%
VB	Vanguard SmallCap	Small Cap Blend	-5	-4.60%	-2.52%	-12.00%	-1.95%	-6.33%	-12.60%
PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	-5	-4.59%	-2.71%	-13.17%	0.76%	-6.33%	-13.42%
FEX	First Trust Large Cap Core AlphaDEX	Large Cap Blend Equity	-5	-4.12%	-1.90%	-9.52%	-3.07%	-5.23%	-9.99%
IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	-6	-4.76%	-3.21%	-10.02%	-5.18%	-5.86%	-10.95%
VBR	Vanguard SmallCap Value	Small Cap Value	-6	-4.92%	-3.17%	-11.25%	-5.49%	-6.95%	-12.21%
RPV	Guggenheim S&P 500 Pure Value	Large Value	-6	-7.45%	-3.51%	-9.28%	-5.33%	-5.86%	-11.73%
VLUE	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	-6	-6.36%	-3.86%	-9.38%	-4.59%	-5.63%	-10.75%
IJR	S&P Sm.Cap 600	Small Blend	-7	-6.72%	-4.44%	-14.54%	-1.17%	-8.30%	-15.95%
IWN	Russell 2000 Value	Small Value	-7	-5.86%	-4.70%	-11.99%	-5.75%	-8.20%	-13.55%
IWO	Russell 2000 Growth	Small Growth	-7	-6.67%	-3.68%	-15.37%	-1.37%	-8.89%	-16.43%
SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	-7	-5.66%	-3.84%	-13.58%	-4.12%	-8.16%	-14.51%
IWM	Russell 2000	Small Blend	-7	-6.24%	-4.15%	-13.75%	-3.45%	-8.54%	-14.92%
IJS	S&P SmallCap 600/BARRA Value	Small Value	-9	-7.51%	-6.09%	-14.71%	-5.83%	-10.01%	-16.53%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	-9	-5.17%	-5.66%	-11.72%	-14.88%	-12.17%	-20.28%
IWR	Russell MidCap Index Fs	Mid-Cap Blend	-58	-3.36%	-75.13%	-77.32%	-75.66%	-73.17%	-77.40%