

HV Domestic ETFs as of 10/25/2018

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
USMV	iShares Edge MSCI Min Vol USA	All Cap Equities	-1	-3.95%	-3.47%	-0.82%	3.32%	1.01%	-5.30%
DIA	SPDR Dow Jones Industrial Average	Large Cap Value	-2	-5.48%	-3.94%	-1.32%	0.97%	-0.53%	-6.78%
SPLV	PowerShares S&P 500 Low Volat.	Large Cap Blend	-2	-2.54%	-3.62%	-1.74%	0.42%	0.05%	-4.88%
XMLV	PowerShares S&P MidCap Low Volatility Portfolio	Mid Cap Blend Equities	-3	-3.62%	-5.33%	-3.25%	2.18%	-0.34%	-6.17%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	-3	-8.30%	-7.79%	-4.33%	6.43%	-1.46%	-8.50%
IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	-3	-7.85%	-7.55%	-4.33%	6.34%	-1.37%	-8.19%
VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	-3	-7.71%	-7.39%	-4.06%	6.94%	-1.06%	-8.07%
IVW	S&P 500/BARRA Growth	Large Growth	-3	-7.72%	-7.26%	-3.97%	6.93%	-0.99%	-8.09%
SPYG	S&P 500 Growth	Large Cap Growth	-3	-7.72%	-7.36%	-4.03%	6.85%	-1.06%	-8.11%
QQQ	PowerShares QQQ Trust, Series 1	Large Growth	-3	-7.95%	-8.23%	-4.72%	9.82%	-0.76%	-8.40%
IWF	Russell 1000 Growth	Large Growth	-4	-8.67%	-8.27%	-4.76%	5.78%	-1.77%	-8.88%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	-4	-7.26%	-7.18%	-4.56%	1.16%	-2.49%	-8.17%
SPY	SPDR S&P 500	Large Cap Blend	-4	-7.09%	-6.97%	-4.36%	1.21%	-2.27%	-8.00%
MGK	Vanguard Mega Cap Growth	Large Cap Growth Equi	-4	-8.26%	-7.56%	-4.48%	6.00%	-1.44%	-8.31%
VOO	Vanguard S&P 500	Large Cap Blend Equiti	-4	-7.09%	-6.96%	-4.33%	1.17%	-2.33%	-8.01%
IVV	S&P 500	Large Blend	-4	-7.10%	-6.93%	-4.30%	1.18%	-2.30%	-8.03%
VUG	Vanguard Growth	Large Cap Growth	-4	-8.89%	-8.38%	-5.29%	4.60%	-2.39%	-8.89%
GSLC	Goldman Sachs ActiveBeta U.S. Large CaP	Large Cap Blend Equiti	-4	-7.46%	-7.45%	-4.60%	1.80%	-2.68%	-8.32%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	-5	-8.29%	-7.48%	-4.46%	-0.17%	-3.26%	-9.31%
IWD	Russell 1000 Value	Large Value	-5	-6.03%	-6.56%	-4.74%	-4.38%	-3.85%	-9.61%
IWB	Russell 1000 Index	Large Blend	-5	-7.41%	-7.44%	-4.76%	0.77%	-2.77%	-8.37%
MTUM	iShares Edge MSCI USA Momentum Factores	All Cap Equities	-5	-9.77%	-9.08%	-5.12%	3.98%	-3.85%	-10.36%
ITOT	iShares Core S&P Total U.S. Stock Market	All Cap Equities	-5	-7.70%	-7.92%	-5.25%	0.62%	-3.07%	-8.67%
PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	-5	-6.62%	-6.93%	-4.84%	-2.40%	-3.38%	-8.25%
FNDX	Schwab Fundamental U.S. Large Company Index	Large Cap Value Equiti	-5	-6.68%	-6.59%	-4.17%	-1.20%	-2.68%	-8.16%
IWV	Russell 3000 Index	All Cap Equities	-5	-7.67%	-7.90%	-5.23%	0.56%	-3.10%	-8.67%
SPHQ	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	-5	-7.68%	-6.51%	-3.36%	-0.89%	-2.52%	-8.30%
VV	Vanguard LargeCap	Large Cap Blend	-5	-7.61%	-7.11%	-4.50%	1.14%	-2.47%	-8.10%
VTV	Vanguard Value	Large Cap Value	-5	-6.50%	-5.98%	-3.85%	-1.98%	-2.61%	-7.99%
SCHB	Schwab U.S. Broad Market	All Cap Equities	-5	-7.70%	-7.87%	-5.21%	0.67%	-3.06%	-8.66%
PKW	PowerShares Buyback Achievers	All Cap Equities	-5	-7.30%	-6.70%	-3.69%	-4.00%	-3.70%	-10.48%
VTI	Total Stock Market VIPERs	All Cap Equities	-5	-8.08%	-7.90%	-5.23%	0.66%	-3.05%	-8.69%
SCHV	Schwab U.S. Large-Cap Value	Large Cap Value Equiti	-5	-6.14%	-6.74%	-5.00%	-3.77%	-3.66%	-9.29%
VLUE	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	-6	-7.01%	-7.86%	-4.96%	-2.39%	-3.98%	-8.69%
IVE	S&P 500/BARRA Value	Large Value	-6	-6.30%	-6.50%	-4.68%	-4.90%	-3.82%	-10.30%
RPV	Guggenheim S&P 500 Pure Value	Large Value	-6	-7.30%	-8.52%	-5.88%	-4.06%	-5.17%	-10.55%
RSP	Guggenheim S&P Equal Weight	Large Blend	-6	-7.99%	-8.36%	-6.37%	-2.88%	-4.78%	-9.63%
FEX	First Trust Large Cap Core AlphaDEX	Large Cap Blend Equity	-7	-9.31%	-9.54%	-6.97%	-3.31%	-6.09%	-10.22%
PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	-7	-11.50%	-11.84%	-8.21%	1.78%	-5.59%	-12.53%
IWS	Russell MidCap Value	Mid-Cap Value	-8	-7.36%	-8.98%	-7.54%	-6.58%	-6.16%	-10.29%
IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	-8	-9.13%	-10.51%	-8.13%	-4.24%	-5.67%	-10.83%

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VOT	Vanguard Mid-Cap Growth	Mid-Cap Growth	-8	-11.20%	-11.30%	-8.23%	-0.85%	-6.20%	-11.88%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	-8	-8.17%	-9.02%	-8.03%	-6.61%	-6.81%	-11.53%
VO	Vanguard Mid-Cap	Mid-Cap Blend	-8	-9.77%	-10.23%	-8.20%	-4.03%	-6.60%	-10.81%
IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	-8	-9.08%	-10.65%	-8.49%	-5.37%	-6.28%	-11.13%
IWR	Russell MidCap Index Fs	Mid-Cap Blend	-8	-9.04%	-10.24%	-7.87%	-3.92%	-6.24%	-10.76%
VBK	Vanguard SmallCap Growth	Small Cap Growth	-8	-11.75%	-12.90%	-8.59%	2.44%	-5.46%	-13.27%
SCHM	Schwab U.S. Mid Cap	Mid Cap Blend Equities	-8	-9.67%	-10.60%	-7.56%	-2.18%	-5.48%	-11.30%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	-8	-11.10%	-11.67%	-9.14%	1.74%	-7.01%	-12.10%
IWP	Russell MidCap Growth	Mid-Cap Growth	-8	-11.58%	-11.97%	-8.25%	-0.67%	-6.44%	-12.84%
IJK	S&P MidCap 400/BARRA Growth	Mid-Cap Growth	-9	-10.62%	-11.78%	-9.61%	-3.72%	-7.80%	-12.64%
IJR	S&P Sm.Cap 600	Small Blend	-9	-11.05%	-13.91%	-11.04%	0.64%	-6.38%	-14.41%
IJH	S&P MidCap 400	Mid-Cap Blend	-9	-9.83%	-11.26%	-9.14%	-4.65%	-7.13%	-11.72%
IJS	S&P SmallCap 600/BARRA Value	Small Value	-9	-10.00%	-13.10%	-10.90%	-2.59%	-7.04%	-13.65%
VXF	Vanguard Extended Markets VIPERs	Mid Cap Blend	-9	-10.63%	-12.41%	-9.63%	-2.18%	-6.86%	-12.68%
IJT	S&P SmallCap 600/BARRA Growth	Small Growth	-9	-12.15%	-14.86%	-11.15%	3.88%	-5.69%	-15.46%
IWM	Russell 2000	Small Blend	-9	-11.27%	-13.49%	-10.70%	-2.20%	-7.53%	-13.82%
IWN	Russell 2000 Value	Small Value	-9	-9.25%	-12.02%	-10.32%	-4.41%	-7.14%	-12.32%
MDY	MidCap Trust Series I	Mid-Cap Blend	-9	-9.79%	-11.13%	-8.99%	-4.37%	-6.91%	-11.57%
VB	Vanguard SmallCap	Small Cap Blend	-9	-10.71%	-12.19%	-9.27%	-1.83%	-6.32%	-12.50%
VBR	Vanguard SmallCap Value	Small Cap Value	-9	-9.98%	-11.63%	-9.90%	-5.33%	-7.16%	-12.06%
SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	-10	-11.22%	-13.58%	-10.66%	-3.37%	-7.76%	-13.85%
IWO	Russell 2000 Growth	Small Growth	-10	-13.08%	-14.87%	-11.08%	-0.14%	-7.86%	-15.38%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	-12	-11.09%	-11.51%	-11.54%	-12.91%	-12.08%	-18.44%