

HV Domestic ETFs as of 11/15/2018

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	1	2.64%	-1.67%	0.16%	3.48%	2.99%	-1.98%
USMV	iShares Edge MSCI Min Vol USA	All Cap Equities	1	0.98%	-2.82%	-0.46%	5.78%	3.16%	-3.04%
XMLV	PowerShares S&P MidCap Low Volatility Portfolio	Mid Cap Blend Equities	0	2.10%	-2.89%	-2.31%	5.09%	2.15%	-3.50%
DIA	SPDR Dow Jones Industrial Average	Large Cap Value	-1	-0.18%	-5.18%	-1.27%	2.36%	0.88%	-5.50%
VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	-2	-1.91%	-7.94%	-5.28%	6.82%	-1.34%	-8.17%
SPYG	S&P 500 Growth	Large Cap Growth	-2	-1.95%	-7.92%	-5.22%	6.76%	-1.32%	-8.18%
PKW	PowerShares Buyback Achievers	All Cap Equities	-2	0.55%	-5.87%	-2.99%	-0.86%	-0.19%	-7.55%
SPHQ	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	-2	-0.52%	-6.28%	-3.37%	0.89%	-0.63%	-6.65%
IVW	S&P 500/BARRA Growth	Large Growth	-2	-1.87%	-7.78%	-5.12%	6.89%	-1.20%	-8.12%
IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	-2	-1.85%	-7.98%	-5.39%	6.36%	-1.50%	-8.17%
VTV	Vanguard Value	Large Cap Value	-2	0.05%	-5.40%	-2.60%	0.62%	0.18%	-5.54%
GSLC	Goldman Sachs ActiveBeta U.S. Large CaP	Large Cap Blend Equiti	-2	-1.15%	-7.07%	-4.92%	3.19%	-1.30%	-7.07%
IWD	Russell 1000 Value	Large Value	-3	-0.03%	-5.64%	-3.32%	-1.83%	-0.96%	-7.21%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	-3	-1.10%	-7.43%	-4.54%	1.68%	-1.38%	-7.64%
RSP	Guggenheim S&P Equal Weight	Large Blend	-3	-0.32%	-7.12%	-4.99%	-0.25%	-1.96%	-7.18%
QQQ	PowerShares QQQ Trust, Series 1	Large Growth	-3	-2.94%	-9.00%	-7.03%	7.92%	-2.72%	-9.99%
MTUM	iShares Edge MSCI USA Momentum Factores	All Cap Equities	-3	-2.03%	-8.72%	-6.08%	4.84%	-3.00%	-9.61%
SCHB	Schwab U.S. Broad Market	All Cap Equities	-3	-1.37%	-7.58%	-5.37%	1.86%	-1.82%	-7.58%
IWF	Russell 1000 Growth	Large Growth	-3	-2.51%	-8.86%	-6.39%	5.46%	-2.18%	-9.16%
IWB	Russell 1000 Index	Large Blend	-3	-1.29%	-7.30%	-4.88%	1.94%	-1.54%	-7.30%
IVV	S&P 500	Large Blend	-3	-1.27%	-7.03%	-4.44%	2.27%	-1.16%	-7.03%
IVE	S&P 500/BARRA Value	Large Value	-3	-0.44%	-5.93%	-3.53%	-2.50%	-1.01%	-8.03%
ITOT	iShares Core S&P Total U.S. Stock Market	All Cap Equities	-3	-1.36%	-7.60%	-5.40%	1.80%	-1.85%	-7.60%
FNDX	Schwab Fundamental U.S. Large Company Index	Large Cap Value Equiti	-3	-1.29%	-6.78%	-4.48%	0.19%	-1.17%	-6.87%
IWV	Russell 3000 Index	All Cap Equities	-3	-1.22%	-7.44%	-5.24%	1.92%	-1.70%	-7.44%
SPY	SPDR S&P 500	Large Cap Blend	-3	-1.22%	-7.00%	-4.47%	2.31%	-1.12%	-7.00%
VOO	Vanguard S&P 500	Large Cap Blend Equiti	-3	-1.26%	-7.01%	-4.46%	2.27%	-1.19%	-7.01%
VV	Vanguard LargeCap	Large Cap Blend	-3	-1.24%	-7.09%	-4.58%	2.25%	-1.31%	-7.09%
VTI	Total Stock Market VIPERs	All Cap Equities	-3	-1.37%	-7.62%	-5.40%	1.84%	-1.83%	-7.62%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	-3	-1.27%	-7.16%	-4.69%	2.27%	-1.34%	-7.16%
SCHV	Schwab U.S. Large-Cap Value	Large Cap Value Equiti	-3	0.04%	-5.74%	-3.40%	-1.15%	-0.73%	-6.83%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	-3	-2.44%	-8.42%	-5.81%	6.22%	-1.80%	-8.68%
SCHM	Schwab U.S. Mid Cap	Mid Cap Blend Equities	-4	-1.04%	-9.13%	-7.58%	-0.04%	-3.30%	-9.36%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	-4	-2.32%	-10.22%	-8.44%	3.02%	-5.68%	-10.99%
IWP	Russell MidCap Growth	Mid-Cap Growth	-4	-1.22%	-9.78%	-7.85%	2.05%	-3.76%	-10.45%
RPV	Guggenheim S&P 500 Pure Value	Large Value	-4	-1.11%	-7.41%	-6.20%	-1.93%	-2.76%	-8.57%
PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	-4	-1.35%	-6.92%	-4.80%	-1.05%	-1.80%	-6.98%
MGK	Vanguard Mega Cap Growth	Large Cap Growth Equi	-4	-2.99%	-8.94%	-6.69%	4.50%	-2.90%	-9.60%
IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	-4	-1.06%	-7.75%	-7.16%	-1.13%	-2.52%	-7.94%
VUG	Vanguard Growth	Large Cap Growth	-4	-2.70%	-9.03%	-6.82%	4.00%	-2.98%	-9.41%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	-4	-0.18%	-7.35%	-6.01%	-3.88%	-3.62%	-8.95%

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VO	Vanguard Mid-Cap	Mid-Cap Blend	-4	-0.85%	-8.35%	-6.75%	-1.45%	-3.77%	-8.41%
VOT	Vanguard Mid-Cap Growth	Mid-Cap Growth	-4	-1.48%	-9.38%	-7.54%	1.48%	-3.88%	-9.81%
VLUE	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	-5	-2.04%	-8.26%	-6.27%	-2.02%	-3.39%	-8.35%
IJR	S&P Sm.Cap 600	Small Blend	-5	-1.28%	-11.32%	-11.84%	2.67%	-4.62%	-12.68%
IJK	S&P MidCap 400/BARRA Growth	Mid-Cap Growth	-5	-1.28%	-10.05%	-8.80%	-1.48%	-5.36%	-10.61%
IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	-5	-0.75%	-7.98%	-7.35%	-2.19%	-2.94%	-8.14%
IJT	S&P SmallCap 600/BARRA Growth	Small Growth	-5	-1.07%	-11.74%	-11.73%	6.53%	-3.60%	-13.30%
IWS	Russell MidCap Value	Mid-Cap Value	-5	-1.01%	-7.96%	-6.68%	-4.74%	-3.92%	-8.52%
VBR	Vanguard SmallCap Value	Small Cap Value	-5	-0.75%	-9.21%	-8.99%	-2.69%	-4.33%	-9.61%
MDY	MidCap Trust Series I	Mid-Cap Blend	-5	-0.99%	-8.98%	-8.03%	-1.69%	-4.08%	-9.09%
PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	-5	-3.12%	-10.99%	-9.17%	2.40%	-4.93%	-12.00%
FEX	First Trust Large Cap Core AlphaDEX	Large Cap Blend Equity	-5	-1.74%	-8.71%	-6.73%	-1.69%	-4.17%	-8.71%
IJH	S&P MidCap 400	Mid-Cap Blend	-5	-0.99%	-9.08%	-8.15%	-1.95%	-4.26%	-9.23%
VXF	Vanguard Extended Markets VIPERs	Mid Cap Blend	-6	-2.17%	-10.67%	-9.97%	-0.64%	-5.26%	-11.31%
IWN	Russell 2000 Value	Small Value	-6	-1.34%	-9.67%	-10.03%	-2.39%	-5.03%	-10.47%
VBK	Vanguard SmallCap Growth	Small Cap Growth	-6	-3.39%	-11.71%	-10.51%	3.27%	-4.85%	-12.57%
VB	Vanguard SmallCap	Small Cap Blend	-6	-1.93%	-10.40%	-9.67%	-0.07%	-4.58%	-10.93%
SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	-6	-2.15%	-11.25%	-10.98%	-1.46%	-5.78%	-12.15%
IWM	Russell 2000	Small Blend	-6	-2.21%	-11.47%	-11.18%	-0.58%	-5.92%	-12.39%
IJS	S&P SmallCap 600/BARRA Value	Small Value	-7	-1.73%	-10.99%	-12.13%	-1.30%	-5.76%	-12.51%
IWO	Russell 2000 Growth	Small Growth	-7	-3.12%	-13.12%	-12.26%	1.14%	-6.69%	-14.30%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	-9	-3.68%	-11.74%	-9.72%	-12.75%	-10.95%	-18.28%
IWR	Russell MidCap Index Fs	Mid-Cap Blend	-76	-75.28%	-77.18%	-76.79%	-75.43%	-74.55%	-77.18%