

HV Domestic ETFs as of 10/10/2019

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	7	0.14%	2.98%	1.56%	22.81%	6.39%	-1.16%
MGK	Vanguard Mega Cap Growth	Large Cap Growth Equi	6	-2.19%	2.92%	-0.99%	23.20%	4.21%	-2.46%
USMV	iShares Edge MSCI Min Vol USA	All Cap Equities	6	-0.66%	2.10%	0.36%	21.56%	5.75%	-1.53%
PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	6	-0.88%	0.00%	-2.23%	25.46%	4.41%	-3.81%
VUG	Vanguard Growth	Large Cap Growth	6	-2.10%	2.70%	-1.41%	23.29%	3.94%	-2.73%
SPHQ	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	5	-2.33%	3.46%	-1.89%	19.20%	2.60%	-2.87%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	5	-2.03%	2.81%	-1.72%	21.63%	3.58%	-2.70%
IWF	Russell 1000 Growth	Large Growth	5	-2.01%	2.19%	-1.95%	21.46%	3.29%	-3.16%
QQQ	PowerShares QQQ Trust, Series 1	Large Growth	5	-2.35%	3.36%	-1.94%	22.31%	3.59%	-3.38%
GSLC	Goldman Sachs ActiveBeta U.S. Large CaP	Large Cap Blend Equiti	4	-2.36%	3.35%	-1.59%	17.80%	2.76%	-2.45%
SCHB	Schwab U.S. Broad Market	All Cap Equities	4	-3.02%	2.68%	-2.34%	16.94%	1.69%	-3.40%
IVE	S&P 500/BARRA Value	Large Value	4	-2.85%	4.74%	-0.84%	16.08%	2.57%	-3.06%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	4	-2.42%	3.01%	-2.08%	18.92%	2.31%	-3.00%
IWV	Russell 3000 Index	All Cap Equities	4	-2.95%	2.71%	-2.35%	16.72%	1.64%	-3.41%
PKW	PowerShares Buyback Achievers	All Cap Equities	4	-3.39%	3.78%	-3.27%	17.88%	1.02%	-4.24%
IVV	S&P 500	Large Blend	4	-2.68%	3.01%	-1.90%	17.23%	2.28%	-2.90%
IWP	Russell MidCap Growth	Mid-Cap Growth	4	-2.51%	0.36%	-4.61%	23.12%	1.42%	-5.60%
IWB	Russell 1000 Index	Large Blend	4	-2.75%	2.78%	-2.23%	17.16%	1.99%	-3.27%
IVW	S&P 500/BARRA Growth	Large Growth	4	-2.60%	1.56%	-2.79%	18.23%	2.03%	-3.75%
XMLV	PowerShares S&P MidCap Low Volatility Portfolio	Mid Cap Blend Equities	4	-1.39%	1.89%	-0.23%	16.69%	2.55%	-1.73%
VTI	Total Stock Market VIPERs	All Cap Equities	4	-2.99%	2.68%	-2.38%	16.77%	1.64%	-3.48%
VOO	Vanguard S&P 500	Large Cap Blend Equiti	4	-2.65%	3.03%	-1.86%	17.19%	2.29%	-2.91%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	4	-2.67%	2.94%	-2.05%	17.39%	2.20%	-3.03%
VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	4	-2.59%	1.54%	-2.84%	18.48%	2.06%	-3.77%
VO	Vanguard Mid-Cap	Mid-Cap Blend	4	-2.88%	2.36%	-3.10%	19.05%	1.23%	-4.09%
VOT	Vanguard Mid-Cap Growth	Mid-Cap Growth	4	-2.13%	0.81%	-4.10%	22.47%	1.55%	-4.81%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	4	-3.50%	4.11%	-2.00%	15.57%	0.96%	-6.53%
VV	Vanguard LargeCap	Large Cap Blend	4	-2.60%	2.98%	-2.01%	17.24%	2.24%	-3.00%
SPYG	S&P 500 Growth	Large Cap Growth	4	-2.58%	1.58%	-2.80%	18.40%	2.07%	-3.73%
SPY	SPDR S&P 500	Large Cap Blend	4	-2.67%	3.02%	-1.87%	17.33%	2.35%	-2.90%
IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	3	-4.23%	4.82%	-2.00%	13.67%	-0.78%	-8.58%
PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	3	-3.50%	3.85%	-2.04%	13.72%	0.91%	-4.39%
IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	3	-2.78%	1.40%	-2.92%	18.01%	1.84%	-3.88%
IWS	Russell MidCap Value	Mid-Cap Value	3	-3.79%	3.37%	-2.48%	14.41%	0.04%	-5.90%
ITOT	iShares Core S&P Total U.S. Stock Market	All Cap Equities	3	-3.08%	2.68%	-2.46%	16.60%	1.52%	-3.49%
IWD	Russell 1000 Value	Large Value	3	-3.46%	3.42%	-2.43%	13.17%	0.79%	-4.46%
MTUM	iShares Edge MSCI USA Momentum Factores	All Cap Equities	3	-2.36%	0.27%	-3.68%	17.67%	2.63%	-4.14%
DIA	SPDR Dow Jones Industrial Average	Large Cap Value	3	-2.68%	3.37%	-2.67%	13.64%	1.53%	-3.14%
SCHV	Schwab U.S. Large-Cap Value	Large Cap Value Equiti	3	-3.41%	3.29%	-2.27%	12.68%	0.67%	-4.24%
FNDX	Schwab Fundamental U.S. Large Company Index	Large Cap Value Equiti	3	-3.24%	4.07%	-1.80%	14.30%	1.42%	-3.62%
RSP	Guggenheim S&P Equal Weight	Large Blend	3	-3.68%	3.12%	-3.04%	15.57%	0.40%	-4.13%

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IWR	Russell MidCap Index Fs	Mid-Cap Blend	3	-3.25%	2.22%	-3.35%	18.01%	0.64%	-75.52%
VB	Vanguard SmallCap	Small Cap Blend	2	-4.68%	1.40%	-4.30%	14.09%	-1.84%	-9.18%
IJS	S&P SmallCap 600/BARRA Value	Small Value	2	-5.98%	4.19%	-0.89%	9.87%	-2.17%	-16.39%
IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	2	-4.73%	4.32%	-2.57%	12.01%	-1.63%	-9.10%
SCHM	Schwab U.S. Mid Cap	Mid Cap Blend Equities	2	-3.81%	1.88%	-4.21%	15.29%	-0.85%	-5.94%
FEX	First Trust Large Cap Core AlphaDEX	Large Cap Blend Equity	2	-3.72%	2.29%	-4.02%	14.20%	-0.43%	-5.58%
VTV	Vanguard Value	Large Cap Value	2	-3.16%	3.23%	-2.53%	11.75%	0.63%	-3.36%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	2	-2.73%	0.16%	-4.34%	16.62%	0.04%	-5.09%
MDY	MidCap Trust Series I	Mid-Cap Blend	2	-4.23%	2.58%	-3.03%	13.37%	-1.08%	-8.13%
VBK	Vanguard SmallCap Growth	Small Cap Growth	2	-4.33%	-0.32%	-4.90%	19.41%	-0.67%	-6.29%
IJH	S&P MidCap 400	Mid-Cap Blend	2	-4.29%	2.54%	-3.09%	13.28%	-1.15%	-8.23%
VXF	Vanguard Extended Markets VIPERs	Mid Cap Blend	2	-4.50%	1.06%	-4.82%	14.28%	-1.74%	-8.87%
IJK	S&P MidCap 400/BARRA Growth	Mid-Cap Growth	2	-3.76%	1.00%	-3.53%	14.59%	-0.60%	-7.87%
VLUE	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	2	-5.36%	5.11%	-2.89%	10.32%	-0.40%	-10.44%
RPV	Guggenheim S&P 500 Pure Value	Large Value	2	-4.77%	5.63%	-3.71%	10.55%	-1.46%	-11.59%
IJR	S&P Sm.Cap 600	Small Blend	1	-5.98%	2.00%	-2.59%	8.87%	-2.60%	-16.43%
IWN	Russell 2000 Value	Small Value	1	-5.32%	4.64%	-2.08%	8.31%	-2.69%	-15.04%
VBR	Vanguard SmallCap Value	Small Cap Value	1	-4.89%	3.16%	-3.74%	9.63%	-2.90%	-12.52%
IWM	Russell 2000	Small Blend	0	-5.93%	1.53%	-4.52%	10.32%	-3.33%	-14.62%
SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	0	-5.69%	0.65%	-5.19%	11.95%	-3.20%	-13.16%
IJT	S&P SmallCap 600/BARRA Growth	Small Growth	-1	-6.01%	-0.14%	-4.31%	7.84%	-3.07%	-16.78%
IWO	Russell 2000 Growth	Small Growth	-1	-6.59%	-1.39%	-6.80%	12.03%	-4.05%	-14.58%