

HV Domestic ETFs as of 12/12/2019

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD %M/A	DD%	
QQQ	PowerShares QQQ Trust, Series 1	Large Growth	13	2.52%	6.70%	7.09%	33.87%	9.14%	0.00%
PKW	PowerShares Buyback Achievers	All Cap Equities	12	2.16%	8.43%	7.86%	31.21%	9.15%	0.00%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	12	3.18%	6.72%	7.04%	30.02%	8.47%	0.00%
SPHQ	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	12	3.50%	6.66%	6.41%	29.56%	8.13%	0.00%
IWO	Russell 2000 Growth	Small Growth	11	4.50%	7.93%	5.70%	25.98%	6.55%	-3.94%
VUG	Vanguard Growth	Large Cap Growth	11	2.13%	5.20%	5.09%	32.28%	7.62%	-0.22%
MGK	Vanguard Mega Cap Growth	Large Cap Growth Equi	11	2.15%	5.37%	5.06%	32.42%	7.96%	-0.16%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	11	2.11%	5.71%	5.56%	31.28%	8.00%	-0.54%
IWP	Russell MidCap Growth	Mid-Cap Growth	11	2.18%	5.11%	4.35%	32.17%	5.74%	-1.12%
IWF	Russell 1000 Growth	Large Growth	11	2.46%	5.82%	5.70%	31.24%	7.90%	-0.17%
IVE	S&P 500/BARRA Value	Large Value	11	2.50%	7.30%	6.99%	27.44%	9.46%	0.00%
VBK	Vanguard SmallCap Growth	Small Cap Growth	11	2.95%	5.73%	4.25%	29.66%	5.58%	-1.21%
IWM	Russell 2000	Small Blend	10	3.71%	6.93%	5.26%	22.45%	6.31%	-5.24%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	10	2.85%	5.68%	4.07%	25.50%	5.34%	0.00%
IWB	Russell 1000 Index	Large Blend	10	2.41%	5.98%	5.27%	26.72%	7.35%	0.00%
IVV	S&P 500	Large Blend	10	2.46%	6.00%	5.31%	26.77%	7.54%	0.00%
IWV	Russell 3000 Index	All Cap Equities	10	2.50%	6.00%	5.23%	26.37%	7.22%	0.00%
IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	10	2.53%	6.44%	6.10%	24.73%	7.26%	0.00%
VXF	Vanguard Extended Markets VIPERs	Mid Cap Blend	10	2.68%	6.15%	4.69%	24.59%	5.51%	-0.65%
ITOT	iShares Core S&P Total U.S. Stock Market	All Cap Equities	10	2.42%	5.96%	5.04%	26.25%	7.13%	0.00%
VV	Vanguard LargeCap	Large Cap Blend	10	2.44%	5.97%	5.76%	26.81%	7.54%	0.00%
GSLC	Goldman Sachs ActiveBeta U.S. Large CaP	Large Cap Blend Equiti	10	2.31%	5.53%	5.10%	26.72%	7.45%	0.00%
VLUE	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	10	1.97%	8.09%	6.42%	22.42%	8.65%	-0.62%
VO	Vanguard Mid-Cap	Mid-Cap Blend	10	2.23%	4.70%	4.00%	27.23%	5.59%	-0.06%
SPY	SPDR S&P 500	Large Cap Blend	10	2.46%	5.98%	5.34%	26.91%	7.62%	0.00%
VOO	Vanguard S&P 500	Large Cap Blend Equiti	10	2.47%	6.01%	5.35%	26.77%	7.59%	0.00%
VOT	Vanguard Mid-Cap Growth	Mid-Cap Growth	10	2.29%	4.08%	3.66%	30.04%	4.85%	-0.72%
VTI	Total Stock Market VIPERs	All Cap Equities	10	2.53%	6.01%	5.64%	26.40%	7.21%	0.00%
IVW	S&P 500/BARRA Growth	Large Growth	9	2.39%	4.80%	3.86%	26.19%	5.90%	-0.01%
VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	9	2.39%	4.82%	3.88%	26.55%	5.96%	0.00%
MDY	MidCap Trust Series I	Mid-Cap Blend	9	2.44%	5.37%	4.42%	22.86%	5.63%	-0.44%
RPV	Guggenheim S&P 500 Pure Value	Large Value	9	1.49%	6.53%	5.03%	21.12%	6.54%	-3.14%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	9	2.23%	5.38%	4.44%	24.29%	6.39%	0.00%
IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	9	2.34%	4.72%	3.78%	26.00%	5.78%	-0.06%
FEX	First Trust Large Cap Core AlphaDEX	Large Cap Blend Equity	9	2.30%	6.30%	4.19%	23.70%	5.83%	0.00%
IWR	Russell MidCap Index Fs	Mid-Cap Blend	9	2.13%	5.12%	3.90%	26.70%	5.64%	-73.72%
IWD	Russell 1000 Value	Large Value	9	2.38%	6.05%	4.64%	22.37%	6.74%	0.00%
SPYG	S&P 500 Growth	Large Cap Growth	9	2.42%	4.85%	3.89%	26.43%	5.97%	0.00%
IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	9	2.59%	6.43%	5.51%	22.85%	6.64%	-0.31%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	9	1.78%	5.30%	4.61%	26.11%	6.77%	-0.21%
SCHB	Schwab U.S. Broad Market	All Cap Equities	9	1.81%	5.35%	4.43%	25.78%	6.55%	-0.25%

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SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	9	2.64%	5.99%	4.18%	22.81%	5.05%	-4.73%
RSP	Guggenheim S&P Equal Weight	Large Blend	9	2.34%	5.92%	4.56%	25.12%	6.42%	0.00%
IJS	S&P SmallCap 600/BARRA Value	Small Value	9	2.76%	6.56%	5.35%	21.78%	7.54%	-7.32%
PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	9	1.14%	2.43%	1.57%	29.65%	4.29%	-1.43%
VB	Vanguard SmallCap	Small Cap Blend	9	2.56%	5.75%	4.63%	24.19%	5.35%	-1.15%
VTV	Vanguard Value	Large Cap Value	9	2.74%	6.76%	6.39%	21.79%	7.43%	0.00%
IJR	S&P Sm.Cap 600	Small Blend	9	3.42%	5.94%	4.66%	20.08%	6.58%	-7.83%
PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	9	2.29%	6.23%	5.21%	23.61%	7.29%	0.00%
FNDX	Schwab Fundamental U.S. Large Company Index	Large Cap Value Equiti	9	1.55%	5.95%	5.07%	23.75%	7.17%	0.00%
IJH	S&P MidCap 400	Mid-Cap Blend	9	2.47%	5.43%	4.42%	22.84%	5.64%	-0.48%
IJT	S&P SmallCap 600/BARRA Growth	Small Growth	8	4.08%	5.42%	3.92%	18.37%	5.63%	-8.66%
IJK	S&P MidCap 400/BARRA Growth	Mid-Cap Growth	8	2.33%	4.39%	3.36%	22.76%	4.64%	-1.31%
IWN	Russell 2000 Value	Small Value	8	2.82%	5.98%	5.03%	18.74%	6.09%	-6.86%
IWS	Russell MidCap Value	Mid-Cap Value	8	2.04%	5.13%	3.46%	22.70%	5.44%	0.00%
DIA	SPDR Dow Jones Industrial Average	Large Cap Value	8	1.34%	4.28%	3.88%	20.90%	5.87%	0.00%
SCHM	Schwab U.S. Mid Cap	Mid Cap Blend Equities	8	1.02%	4.68%	3.26%	23.56%	4.41%	-1.04%
SCHV	Schwab U.S. Large-Cap Value	Large Cap Value Equiti	8	1.49%	4.91%	3.61%	20.45%	5.48%	0.00%
VBR	Vanguard SmallCap Value	Small Cap Value	8	1.94%	5.51%	4.75%	19.38%	4.96%	-4.74%
MTUM	iShares Edge MSCI USA Momentum Factores	All Cap Equities	8	1.48%	3.85%	2.16%	23.23%	4.62%	-0.74%
USMV	iShares Edge MSCI Min Vol USA	All Cap Equities	7	1.42%	1.28%	0.68%	23.76%	4.37%	-0.26%
XMLV	PowerShares S&P MidCap Low Volatility Portfolio	Mid Cap Blend Equities	6	0.45%	1.60%	1.33%	20.12%	3.25%	-0.91%
SPLV	PowerShares S&P 500 Low Volat.	Large Cap Blend	5	-0.33%	-0.40%	-0.89%	22.40%	2.80%	-1.48%