

HV Domestic ETFs as of 11/22/2017

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD %M/A	DD%	
MTUM	iShares Edge MSCI USA Momentum Factores	All Cap Equities	13	2.54%	6.99%	9.49%	33.97%	12.64%	-0.41%
QQQ	PowerShares QQQ Trust, Series 1	Large Growth	13	5.60%	7.77%	7.63%	31.41%	10.53%	0.00%
IWF	Russell 1000 Growth	Large Growth	11	3.61%	6.47%	7.64%	26.15%	9.66%	-0.07%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	11	2.88%	6.18%	7.99%	25.88%	10.11%	-0.27%
IWP	Russell MidCap Growth	Mid-Cap Growth	10	2.70%	5.34%	8.39%	21.70%	8.82%	-0.11%
IWW	S&P 500/BARRA Growth	Large Growth	10	3.06%	5.48%	6.34%	23.47%	8.26%	-0.09%
PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	10	3.27%	6.48%	7.28%	22.48%	8.64%	-0.31%
VUG	Vanguard Growth	Large Cap Growth	10	3.42%	5.38%	6.29%	24.67%	8.16%	-0.07%
VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	10	3.04%	5.54%	6.41%	23.56%	8.29%	-0.06%
IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	10	3.04%	5.54%	6.56%	23.35%	8.27%	-0.08%
MGK	Vanguard Mega Cap Growth	Large Cap Growth Equi	10	3.57%	5.54%	6.31%	26.10%	8.42%	-0.01%
VBK	Vanguard SmallCap Growth	Small Cap Growth	10	3.85%	5.11%	9.67%	19.83%	9.03%	-0.01%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	10	3.51%	5.57%	6.65%	24.18%	8.49%	0.00%
IJK	S&P MidCap 400/BARRA Growth	Mid-Cap Growth	9	2.98%	5.57%	9.67%	16.86%	7.89%	-0.01%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	9	1.90%	3.25%	5.63%	25.64%	8.33%	0.00%
IWO	Russell 2000 Growth	Small Growth	9	2.48%	3.53%	9.62%	19.57%	9.09%	-0.22%
VOT	Vanguard Mid-Cap Growth	Mid-Cap Growth	9	2.95%	4.94%	6.71%	20.06%	7.34%	-0.06%
IJT	S&P SmallCap 600/BARRA Growth	Small Growth	8	2.65%	3.77%	10.91%	12.88%	8.23%	-0.27%
FEX	First Trust Large Cap Core AlphaDEX	Large Cap Blend Equity	8	1.99%	4.44%	6.78%	16.83%	6.66%	-0.21%
DIA	SPDR Dow Jones Industrial Average	Large Cap Value	8	0.86%	5.40%	7.42%	19.07%	8.58%	-0.24%
SCHM	Schwab U.S. Mid Cap	Mid Cap Blend Equities	8	2.84%	4.55%	7.92%	15.53%	7.30%	0.00%
VLUE	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	8	2.39%	4.93%	8.49%	15.47%	7.97%	0.00%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	7	1.56%	4.34%	7.28%	16.51%	6.92%	-0.21%
MDY	MidCap Trust Series I	Mid-Cap Blend	7	2.15%	3.98%	8.03%	12.08%	6.12%	-0.07%
ITOT	iShares Core S&P Total U.S. Stock Market	All Cap Equities	7	1.88%	3.83%	6.14%	16.20%	6.41%	-0.07%
IWB	Russell 1000 Index	Large Blend	7	1.82%	3.91%	5.78%	16.26%	6.25%	-0.08%
IWV	Russell 3000 Index	All Cap Equities	7	1.85%	3.80%	6.05%	15.96%	6.34%	-0.06%
VB	Vanguard SmallCap	Small Cap Blend	7	2.31%	3.39%	8.12%	12.79%	6.72%	-0.03%
VXF	Vanguard Extended Markets VIPERs	Mid Cap Blend	7	2.26%	3.31%	8.04%	14.87%	7.14%	-0.05%
VV	Vanguard LargeCap	Large Cap Blend	7	1.76%	3.92%	5.64%	16.59%	6.28%	-0.09%
VTI	Total Stock Market VIPERs	All Cap Equities	7	1.83%	3.81%	6.09%	16.02%	6.40%	-0.07%
VOO	Vanguard S&P 500	Large Cap Blend Equiti	7	1.76%	3.90%	5.60%	16.22%	6.22%	-0.07%
GSLC	Goldman Sachs ActiveBeta U.S. Large CaP	Large Cap Blend Equiti	7	1.94%	4.53%	6.26%	17.04%	6.75%	-0.08%
SPY	SPDR S&P 500	Large Cap Blend	7	1.75%	3.88%	5.59%	16.21%	6.23%	-0.09%
IJH	S&P MidCap 400	Mid-Cap Blend	7	2.19%	3.99%	8.21%	12.22%	6.18%	-0.06%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	7	1.85%	3.95%	5.72%	16.64%	6.33%	-0.06%
IJR	S&P Sm.Cap 600	Small Blend	7	2.19%	3.08%	11.20%	10.62%	7.93%	-0.21%
SCHB	Schwab U.S. Broad Market	All Cap Equities	7	1.89%	3.85%	6.07%	16.13%	6.40%	-0.06%
IVV	S&P 500	Large Blend	7	1.75%	3.90%	5.57%	16.25%	6.20%	-0.07%
USMV	iShares Edge MSCI Min Vol USA	All Cap Equities	6	1.03%	3.43%	3.54%	14.64%	4.81%	-0.29%
IJS	S&P SmallCap 600/BARRA Value	Small Value	6	1.75%	2.46%	11.68%	8.14%	7.61%	-0.15%

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SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	6	1.81%	2.46%	8.37%	11.81%	6.82%	0.00%
VO	Vanguard Mid-Cap	Mid-Cap Blend	6	1.83%	3.48%	5.67%	14.96%	5.48%	-0.03%
IWM	Russell 2000	Small Blend	6	1.64%	2.34%	9.05%	11.89%	7.08%	-0.13%
XMLV	PowerShares S&P MidCap Low Volatility Portfolio	Mid Cap Blend Equities	6	1.72%	4.06%	5.58%	12.26%	4.99%	-0.15%
RSP	Guggenheim S&P Equal Weight	Large Blend	6	1.46%	2.93%	5.65%	13.04%	5.15%	-0.04%
IWR	Russell MidCap Index Fs	Mid-Cap Blend	6	2.03%	3.73%	6.37%	13.76%	5.73%	-0.07%
FNDX	Schwab Fundamental U.S. Large Company Index	Large Cap Value Equiti	5	1.01%	2.71%	5.54%	10.27%	4.93%	0.00%
IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	5	1.57%	2.50%	7.29%	8.66%	5.04%	0.00%
PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	5	0.76%	2.44%	5.23%	9.86%	4.67%	-0.01%
RPV	Guggenheim S&P 500 Pure Value	Large Value	5	0.54%	3.17%	6.49%	9.72%	5.23%	-0.11%
SPHQ	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	5	0.51%	2.64%	5.17%	13.51%	4.75%	-0.27%
SPLV	PowerShares S&P 500 Low Volat.	Large Cap Blend	5	1.22%	3.45%	3.92%	13.37%	4.77%	-0.53%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	5	0.86%	2.19%	4.68%	10.67%	3.85%	-0.18%
IVE	S&P 500/BARRA Value	Large Value	4	0.09%	1.89%	4.63%	8.08%	3.57%	-0.47%
IWN	Russell 2000 Value	Small Value	4	0.72%	1.05%	8.50%	5.13%	5.14%	-0.63%
IWS	Russell MidCap Value	Mid-Cap Value	4	1.50%	2.49%	4.88%	7.78%	3.36%	0.00%
SCHV	Schwab U.S. Large-Cap Value	Large Cap Value Equiti	4	0.34%	2.54%	4.91%	10.11%	4.36%	-0.38%
IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	4	1.35%	2.39%	6.74%	7.25%	4.35%	0.00%
VBR	Vanguard SmallCap Value	Small Cap Value	4	1.07%	1.95%	6.97%	7.31%	4.80%	-0.02%
VTV	Vanguard Value	Large Cap Value	4	0.21%	2.52%	4.97%	9.71%	4.56%	-0.43%
PKW	PowerShares Buyback Achievers	All Cap Equities	4	-0.66%	0.76%	4.08%	10.70%	4.11%	-2.02%
IWD	Russell 1000 Value	Large Value	3	0.07%	1.41%	4.00%	6.99%	2.87%	-0.65%