

HV Domestic ETFs as of 11/21/2019

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD %M/A	DD%
QQQ	PowerShares QQQ Trust, Series 1	Large Growth	12	3.92%	6.51%	7.33%	30.75% 7.97%	-0.82%
PKW	PowerShares Buyback Achievers	All Cap Equities	12	3.87%	6.47%	9.52%	27.47% 7.08%	-1.38%
IVE	S&P 500/BARRA Value	Large Value	11	3.43%	5.79%	9.07%	24.26% 7.77%	-0.88%
VUG	Vanguard Growth	Large Cap Growth	11	3.38%	4.42%	4.69%	29.89% 6.89%	-0.74%
IWF	Russell 1000 Growth	Large Growth	11	3.98%	5.34%	5.20%	28.80% 7.09%	-0.67%
MGK	Vanguard Mega Cap Growth	Large Cap Growth Equi	11	3.57%	4.35%	5.01%	29.92% 7.21%	-0.74%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	11	4.25%	5.77%	6.15%	29.45% 7.75%	-0.59%
IWP	Russell MidCap Growth	Mid-Cap Growth	11	3.77%	4.51%	3.38%	30.50% 5.36%	-0.75%
VV	Vanguard LargeCap	Large Cap Blend	10	3.39%	4.52%	6.08%	24.16% 6.26%	-0.50%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	10	3.36%	5.18%	6.44%	26.38% 6.48%	-0.59%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	10	3.40%	4.61%	6.15%	24.34% 6.24%	-0.48%
SPHQ	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	10	3.04%	4.36%	5.59%	25.67% 5.91%	-0.60%
VBK	Vanguard SmallCap Growth	Small Cap Growth	10	4.12%	4.30%	3.12%	27.00% 4.12%	-0.57%
VLUE	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	10	4.29%	5.69%	10.67%	19.47% 6.70%	-3.01%
FNDX	Schwab Fundamental U.S. Large Company Index	Large Cap Value Equiti	10	3.50%	4.92%	7.90%	21.81% 6.33%	-0.79%
RSP	Guggenheim S&P Equal Weight	Large Blend	9	2.42%	3.45%	6.23%	22.18% 4.60%	-0.79%
IWR	Russell MidCap Index Fs	Mid-Cap Blend	9	2.43%	3.12%	4.96%	24.29% 4.34%	-74.22%
IWV	Russell 3000 Index	All Cap Equities	9	3.27%	4.43%	5.97%	23.62% 5.78%	-0.53%
VTV	Vanguard Value	Large Cap Value	9	3.38%	4.68%	7.67%	18.98% 5.69%	-0.40%
VTI	Total Stock Market VIPERs	All Cap Equities	9	3.24%	4.36%	5.84%	23.63% 5.75%	-0.57%
PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	9	3.00%	4.18%	7.42%	20.72% 5.53%	-0.84%
IWB	Russell 1000 Index	Large Blend	9	3.35%	4.53%	5.97%	24.07% 6.04%	-0.55%
VOT	Vanguard Mid-Cap Growth	Mid-Cap Growth	9	2.42%	3.35%	3.06%	28.41% 4.42%	-0.67%
VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	9	3.20%	3.40%	3.53%	24.19% 4.92%	-0.55%
RPV	Guggenheim S&P 500 Pure Value	Large Value	9	2.77%	4.09%	10.08%	18.70% 4.87%	-5.08%
VXF	Vanguard Extended Markets VIPERs	Mid Cap Blend	9	3.29%	3.96%	5.19%	21.82% 3.65%	-2.85%
GSLC	Goldman Sachs ActiveBeta U.S. Large CaP	Large Cap Blend Equiti	9	3.13%	4.27%	5.82%	24.34% 6.42%	-0.57%
SPYG	S&P 500 Growth	Large Cap Growth	9	3.17%	3.36%	3.57%	24.06% 4.92%	-0.52%
SPY	SPDR S&P 500	Large Cap Blend	9	3.30%	4.47%	6.06%	24.15% 6.26%	-0.56%
IVV	S&P 500	Large Blend	9	3.30%	4.51%	6.05%	24.03% 6.19%	-0.54%
ITOT	iShares Core S&P Total U.S. Stock Market	All Cap Equities	9	3.36%	4.37%	5.96%	23.63% 5.79%	-0.51%
VO	Vanguard Mid-Cap	Mid-Cap Blend	9	2.09%	2.77%	4.78%	24.92% 4.43%	-0.66%
VOO	Vanguard S&P 500	Large Cap Blend Equiti	9	3.31%	4.48%	6.07%	24.02% 6.23%	-0.55%
SCHB	Schwab U.S. Broad Market	All Cap Equities	9	3.28%	4.42%	5.92%	23.83% 5.80%	-0.56%
IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	8	1.73%	2.88%	8.16%	20.44% 3.99%	-3.14%
IWV	S&P 500/BARRA Growth	Large Growth	8	3.18%	3.33%	3.52%	23.87% 4.88%	-0.52%
FEX	First Trust Large Cap Core AlphaDEX	Large Cap Blend Equity	8	3.18%	3.62%	5.56%	21.24% 4.35%	-0.49%
IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	8	3.13%	3.36%	3.48%	23.72% 4.78%	-0.58%
IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	8	1.68%	2.90%	7.60%	18.66% 3.32%	-3.71%
IWO	Russell 2000 Growth	Small Growth	8	3.85%	4.69%	4.27%	21.11% 2.83%	-7.65%
IWD	Russell 1000 Value	Large Value	8	2.75%	3.69%	6.88%	19.64% 5.06%	-0.56%

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SCHM	Schwab U.S. Mid Cap	Mid Cap Blend Equities	8	2.60%	3.30%	5.11%	21.97%	3.60%	-0.92%
PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	8	2.36%	2.21%	0.00%	28.95%	4.80%	-1.14%
DIA	SPDR Dow Jones Industrial Average	Large Cap Value	8	3.63%	3.29%	5.24%	19.09%	4.94%	-0.91%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	8	1.62%	2.08%	6.52%	21.11%	4.29%	-2.05%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	8	3.26%	3.34%	2.83%	23.09%	4.05%	-0.41%
SCHV	Schwab U.S. Large-Cap Value	Large Cap Value Equiti	8	2.52%	3.36%	6.34%	18.69%	4.58%	-0.65%
VB	Vanguard SmallCap	Small Cap Blend	8	2.63%	3.37%	4.87%	21.02%	3.07%	-3.67%
IJH	S&P MidCap 400	Mid-Cap Blend	7	1.80%	2.55%	5.46%	19.31%	3.01%	-3.35%
IJK	S&P MidCap 400/BARRA Growth	Mid-Cap Growth	7	1.88%	2.19%	3.52%	19.96%	2.76%	-3.56%
IJS	S&P SmallCap 600/BARRA Value	Small Value	7	1.01%	2.07%	7.95%	16.89%	3.42%	-11.04%
VBR	Vanguard SmallCap Value	Small Cap Value	7	1.45%	2.48%	6.54%	15.97%	2.12%	-7.46%
SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	7	2.18%	3.15%	4.33%	19.08%	2.15%	-7.62%
MTUM	iShares Edge MSCI USA Momentum Factores	All Cap Equities	7	2.86%	1.91%	0.69%	21.79%	4.31%	-0.93%
MDY	MidCap Trust Series I	Mid-Cap Blend	7	1.77%	2.53%	5.47%	19.35%	3.03%	-3.29%
IWM	Russell 2000	Small Blend	7	2.30%	3.51%	5.78%	17.80%	2.53%	-8.84%
IWS	Russell MidCap Value	Mid-Cap Value	7	1.46%	2.10%	5.90%	19.91%	3.56%	-1.38%
IJR	S&P Sm.Cap 600	Small Blend	6	0.94%	2.03%	5.44%	15.19%	2.43%	-11.58%
USMV	iShares Edge MSCI Min Vol USA	All Cap Equities	6	0.55%	-0.03%	0.42%	22.37%	4.13%	-0.88%
IWN	Russell 2000 Value	Small Value	6	0.87%	2.36%	7.43%	14.30%	2.22%	-10.34%
SPLV	PowerShares S&P 500 Low Volat.	Large Cap Blend	5	-0.97%	-1.57%	0.72%	22.29%	3.55%	-1.57%
XMLV	PowerShares S&P MidCap Low Volatility Portfolio	Mid Cap Blend Equities	5	-0.06%	0.27%	2.17%	18.99%	2.88%	-1.10%
IJT	S&P SmallCap 600/BARRA Growth	Small Growth	5	0.85%	1.96%	2.83%	13.39%	1.38%	-12.50%