

# HV International ETFs as of 12/13/2018

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD %M/A	DD%	
ACWV	iShares Edge MSCI Min Vol Global	Global Equities	0	-0.16%	0.68%	-3.09%	1.16%	0.49%	-3.28%
VWO	Vanguard Emerging Markets	Emerging Markets Equi	-4	-0.63%	3.87%	-5.84%	-14.62%	-7.96%	-23.11%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	-4	-0.63%	1.30%	-6.46%	-10.59%	-6.14%	-15.05%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	-4	-0.35%	4.20%	-7.09%	-13.58%	-7.91%	-21.05%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equi	-5	-0.79%	2.87%	-6.03%	-14.20%	-7.85%	-22.12%
ACWI	iShares MSCI ACWI	Global Equities	-5	-2.48%	-3.22%	-9.34%	-6.12%	-5.90%	-12.72%
DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreign Large Cap Equ	-5	-2.40%	-2.24%	-7.74%	-6.54%	-5.36%	-10.05%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	-5	-1.03%	2.80%	-6.11%	-14.26%	-7.78%	-22.43%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equi	-5	0.51%	1.71%	-4.03%	-17.27%	-8.48%	-24.20%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equ	-6	-3.47%	-3.13%	-8.56%	-8.22%	-6.63%	-11.70%
VT	Vanguard Total World Stock Index	Global Equities	-6	-2.69%	-3.40%	-10.40%	-7.34%	-6.76%	-13.70%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equi	-6	-3.39%	0.63%	-7.02%	-14.24%	-8.71%	-22.91%
VEU	Vanguard FTSE All-World ex-US	Global Equities	-7	-2.17%	-2.17%	-10.15%	-13.45%	-8.92%	-19.58%
IXUS	iShares Core MSCI Total International Stock	Global Equities	-7	-2.55%	-2.78%	-10.20%	-13.44%	-9.30%	-19.60%
ACWX	iShares MSCI ACWI ex US	Global Equities	-7	-2.31%	-1.80%	-9.50%	-12.85%	-8.46%	-19.00%
VXUS	Vanguard Total International Stock	Global Equities	-7	-2.29%	-2.19%	-10.28%	-13.62%	-9.22%	-19.78%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	-7	-1.82%	-3.30%	-10.16%	-12.46%	-8.55%	-18.02%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equ	-7	-2.61%	-3.36%	-10.71%	-12.89%	-9.07%	-18.60%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equ	-7	-1.76%	-2.52%	-11.17%	-11.02%	-8.58%	-16.21%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equ	-8	-2.78%	-3.93%	-11.38%	-13.15%	-9.65%	-18.97%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equ	-8	-2.99%	-4.21%	-10.25%	-14.71%	-9.44%	-20.95%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	-8	-2.71%	-3.92%	-11.62%	-13.69%	-9.66%	-19.13%
IEV	S&P Europe 350 Index	Europe Stock	-8	-3.02%	-3.46%	-11.49%	-14.30%	-10.02%	-20.13%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equ	-8	-2.86%	-3.84%	-11.09%	-14.03%	-9.51%	-19.79%
FEZ	SPDR Euro Stoxx 50	Europe Stock	-9	-3.13%	-3.62%	-12.06%	-15.65%	-10.94%	-22.33%
VGK	Vanguard European	Europe Equities	-9	-3.22%	-4.03%	-12.59%	-15.13%	-10.79%	-20.93%
VSS	Vanguard FTSE All-World ex-US SmCP Idx	Foreign Small & Mid Ca	-9	-3.01%	-4.64%	-13.22%	-17.03%	-12.69%	-22.20%
EZU	European Monetary Union Index	Europe Stock	-9	-3.71%	-4.29%	-13.43%	-16.23%	-12.05%	-22.86%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	-10	-3.54%	-6.30%	-14.49%	-16.02%	-12.88%	-21.71%
SCHF	Schwab International Equity	Foreign Large Cap Equ	-10	-5.46%	-6.37%	-13.41%	-14.15%	-11.23%	-19.53%