

# HV International ETFs as of 12/20/2018

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	-5	-4.29%	-3.29%	-7.86%	-4.22%	-4.84%	-8.42%
VVO	Vanguard Emerging Markets	Emerging Markets Equi	-6	-1.06%	1.27%	-7.46%	-16.84%	-9.86%	-25.11%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	-7	-1.94%	0.41%	-11.00%	-17.15%	-11.25%	-24.31%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equi	-8	-2.40%	-0.70%	-10.11%	-17.68%	-11.10%	-25.28%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	-8	-2.39%	-0.84%	-10.23%	-17.68%	-10.96%	-25.52%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equi	-8	-3.15%	-1.56%	-9.52%	-16.28%	-10.39%	-24.74%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	-9	-5.00%	-2.33%	-11.60%	-15.79%	-11.33%	-20.00%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equi	-9	-3.65%	-2.39%	-8.75%	-21.01%	-12.03%	-27.63%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equ	-9	-5.64%	-5.54%	-13.23%	-12.03%	-10.35%	-15.36%
VXUS	Vanguard Total International Stock	Global Equities	-9	-3.64%	-3.36%	-12.80%	-16.51%	-11.87%	-22.46%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	-9	-3.71%	-3.77%	-13.53%	-15.51%	-11.39%	-20.89%
VEU	Vanguard FTSE All-Word ex-US	Global Equities	-9	-3.43%	-3.27%	-12.54%	-16.23%	-11.47%	-22.16%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equ	-10	-4.41%	-4.73%	-13.85%	-17.00%	-12.30%	-22.56%
IXUS	iShares Core MSCI Total International Stock	Global Equities	-10	-4.92%	-4.64%	-14.02%	-17.23%	-12.90%	-23.12%
ACWI	iShares MSCI ACWI	Global Equities	-10	-5.87%	-7.16%	-14.71%	-11.93%	-11.50%	-18.12%
VT	Vanguard Total World Stock Index	Global Equities	-10	-5.32%	-6.39%	-14.41%	-12.28%	-11.48%	-18.30%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	-10	-4.45%	-4.82%	-14.30%	-16.74%	-12.51%	-21.99%
ACWX	iShares MSCI ACWI ex US	Global Equities	-10	-4.40%	-4.20%	-13.23%	-16.50%	-11.93%	-22.39%
FEZ	SPDR Euro Stoxx 50	Europe Stock	-10	-3.71%	-4.78%	-14.53%	-18.35%	-13.38%	-24.81%
DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreign Large Cap Equ	-10	-6.57%	-6.57%	-14.16%	-12.24%	-11.01%	-15.54%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equ	-10	-5.18%	-5.29%	-14.54%	-16.68%	-12.71%	-22.15%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equ	-10	-4.49%	-4.57%	-14.88%	-14.97%	-12.33%	-19.93%
VSS	Vanguard FTSE All-Wld ex-US SmCP Idx	Foreign Small & Mid Ca	-11	-4.76%	-5.34%	-15.49%	-20.26%	-15.65%	-25.22%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equ	-11	-5.64%	-5.95%	-15.38%	-17.28%	-13.61%	-22.83%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equ	-11	-5.62%	-6.07%	-14.27%	-18.49%	-13.09%	-24.46%
VGK	Vanguard European	Europe Equities	-11	-4.53%	-5.19%	-14.85%	-18.09%	-13.52%	-23.69%
IEV	S&P Europe 350 Index	Europe Stock	-11	-5.11%	-5.41%	-14.84%	-17.80%	-13.32%	-23.39%
SCHF	Schwab International Equity	Foreign Large Cap Equ	-12	-7.05%	-7.35%	-16.43%	-17.14%	-13.98%	-22.34%
EZU	European Monetary Union Index	Europe Stock	-12	-4.90%	-5.67%	-16.13%	-19.46%	-15.01%	-25.83%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	-14	-7.24%	-8.37%	-18.68%	-20.95%	-17.56%	-26.30%