

HV International ETFs as of 12/27/2018

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	-6.17%	-4.06%	-6.74%	-4.23%	-4.80%	-8.44%
VWO	Vanguard Emerging Markets	Emerging Markets Equi	-7	-4.63%	-3.37%	-3.81%	-17.45%	-10.09%	-25.66%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equi	-8	-5.52%	-4.07%	-5.39%	-17.57%	-10.54%	-25.19%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	-8	-5.47%	-4.17%	-5.20%	-17.51%	-10.34%	-25.36%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equi	-8	-3.91%	-3.49%	-6.01%	-19.78%	-10.03%	-26.50%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	-8	-5.01%	-2.96%	-5.44%	-17.00%	-10.69%	-24.18%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equi	-8	-6.17%	-5.03%	-5.41%	-16.18%	-9.84%	-24.65%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	-9	-6.60%	-4.93%	-8.15%	-15.31%	-10.50%	-19.54%
ACWI	iShares MSCI ACWI	Global Equities	-10	-8.45%	-8.55%	-13.14%	-11.58%	-10.91%	-17.80%
ACWX	iShares MSCI ACWI ex US	Global Equities	-10	-6.71%	-6.69%	-10.65%	-16.52%	-11.59%	-22.40%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equ	-10	-6.73%	-7.07%	-12.46%	-15.18%	-12.24%	-20.13%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equ	-10	-7.62%	-7.32%	-11.95%	-12.13%	-10.30%	-15.46%
VEU	Vanguard FTSE All-World ex-US	Global Equities	-10	-6.77%	-6.71%	-11.00%	-17.21%	-12.16%	-23.08%
VT	Vanguard Total World Stock Index	Global Equities	-11	-8.40%	-8.44%	-13.18%	-12.46%	-11.40%	-18.46%
VXUS	Vanguard Total International Stock	Global Equities	-11	-6.97%	-6.82%	-11.30%	-17.53%	-12.59%	-23.41%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	-11	-7.84%	-6.31%	-12.53%	-16.95%	-12.57%	-22.24%
DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreign Large Cap Equ	-11	-8.51%	-8.36%	-12.97%	-12.40%	-11.02%	-15.69%
FEZ	SPDR Euro Stoxx 50	Europe Stock	-11	-6.47%	-7.41%	-12.57%	-18.99%	-13.68%	-25.40%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equ	-11	-7.39%	-7.71%	-12.62%	-16.97%	-12.66%	-22.42%
IXUS	iShares Core MSCI Total International Stock	Global Equities	-11	-7.48%	-7.59%	-11.87%	-17.63%	-12.94%	-23.49%
VGK	Vanguard European	Europe Equities	-12	-7.38%	-8.89%	-13.43%	-18.95%	-14.06%	-24.49%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equ	-12	-7.94%	-8.44%	-13.53%	-17.58%	-13.56%	-23.11%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	-12	-7.80%	-8.21%	-13.42%	-18.01%	-13.49%	-23.18%
EZU	European Monetary Union Index	Europe Stock	-12	-7.30%	-8.40%	-13.85%	-19.85%	-15.00%	-26.19%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equ	-12	-7.58%	-7.92%	-13.15%	-18.08%	-13.10%	-23.57%
IEV	S&P Europe 350 Index	Europe Stock	-12	-7.38%	-8.45%	-12.86%	-18.15%	-13.35%	-23.72%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equ	-12	-8.10%	-8.48%	-12.97%	-19.05%	-13.30%	-24.98%
SCHF	Schwab International Equity	Foreign Large Cap Equ	-13	-9.35%	-9.56%	-14.64%	-17.49%	-14.00%	-22.67%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	-14	-9.27%	-10.96%	-16.51%	-20.76%	-16.89%	-26.13%
VSS	Vanguard FTSE All-World ex-US SmCP Idx	Foreign Small & Mid Ca	-14	-8.47%	-9.37%	-14.74%	-21.55%	-16.58%	-26.44%