

HV International ETFs as of 11/15/2018

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	0.85%	-2.93%	-0.84%	1.33%	0.81%	-3.12%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equ	-3	0.36%	-5.27%	-4.14%	-4.92%	-3.71%	-8.53%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equi	-3	4.16%	-3.76%	-3.05%	-11.24%	-7.29%	-20.21%
ACWI	iShares MSCI ACWI	Global Equities	-4	-0.76%	-7.03%	-4.84%	-3.73%	-4.21%	-10.50%
DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreign Large Cap Equ	-4	0.16%	-5.47%	-4.46%	-4.25%	-3.38%	-7.84%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	-5	3.87%	-5.14%	-4.13%	-13.37%	-8.72%	-21.62%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	-5	1.94%	-5.87%	-5.80%	-10.02%	-6.66%	-14.51%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	-5	4.57%	-6.77%	-6.17%	-13.28%	-9.28%	-20.78%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equi	-5	3.69%	-5.27%	-4.50%	-13.51%	-8.99%	-21.50%
VWO	Vanguard Emerging Markets	Emerging Markets Equi	-5	4.53%	-5.24%	-5.08%	-14.07%	-9.35%	-22.62%
VT	Vanguard Total World Stock Index	Global Equities	-5	-0.73%	-7.93%	-5.91%	-4.78%	-4.97%	-11.31%
VEU	Vanguard FTSE All-World ex-US	Global Equities	-6	0.00%	-8.16%	-6.31%	-11.53%	-8.28%	-17.80%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equ	-6	-0.77%	-8.32%	-6.04%	-10.55%	-7.86%	-16.43%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equ	-6	-1.26%	-7.49%	-4.52%	-12.08%	-8.06%	-18.52%
ACWX	iShares MSCI ACWI ex US	Global Equities	-6	0.52%	-7.36%	-5.45%	-10.79%	-7.61%	-17.08%
SCHF	Schwab International Equity	Foreign Large Cap Equ	-6	-0.96%	-8.41%	-6.21%	-9.19%	-7.15%	-14.88%
IXUS	iShares Core MSCI Total International Stock	Global Equities	-6	-0.23%	-7.85%	-6.05%	-11.18%	-8.29%	-17.49%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	-7	-1.24%	-9.15%	-6.86%	-11.28%	-8.39%	-16.88%
VXUS	Vanguard Total International Stock	Global Equities	-7	0.10%	-8.17%	-6.50%	-11.60%	-8.48%	-17.90%
IEV	S&P Europe 350 Index	Europe Stock	-7	-0.45%	-8.74%	-6.72%	-11.64%	-8.52%	-17.65%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equ	-7	-1.19%	-8.85%	-6.52%	-10.67%	-8.32%	-16.66%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equ	-7	-0.77%	-9.57%	-7.85%	-9.43%	-8.00%	-14.71%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equ	-7	-1.01%	-8.47%	-5.95%	-11.50%	-8.14%	-17.43%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	-7	-1.52%	-8.50%	-5.63%	-10.84%	-8.09%	-16.51%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equi	-7	1.19%	-4.52%	-5.41%	-17.69%	-11.25%	-24.59%
FEZ	SPDR Euro Stoxx 50	Europe Stock	-8	-0.51%	-9.22%	-7.49%	-12.92%	-9.57%	-19.81%
EZU	European Monetary Union Index	Europe Stock	-8	-0.61%	-10.10%	-8.15%	-13.00%	-10.27%	-19.89%
VGK	Vanguard European	Europe Equities	-8	-0.84%	-9.68%	-7.64%	-12.31%	-9.23%	-18.30%
VSS	Vanguard FTSE All-World ex-US SmCP Idx	Foreign Small & Mid Ca	-9	-1.68%	-10.53%	-9.72%	-14.46%	-11.56%	-19.78%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	-9	-2.85%	-11.35%	-9.10%	-12.93%	-11.20%	-18.83%