

HV International ETFs as of 10/31/2019

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD %M/A	DD%	
FEZ	SPDR Euro Stoxx 50	Europe Stock	9	6.88%	4.90%	6.99%	17.73%	5.12%	-11.40%
IEV	S&P Europe 350 Index	Europe Stock	8	6.81%	4.38%	6.21%	14.60%	3.47%	-11.60%
ACWI	iShares MSCI ACWI	Global Equities	8	4.83%	3.10%	4.55%	18.10%	4.17%	-2.28%
DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreign Large Cap Equ	8	4.65%	3.95%	6.37%	17.89%	4.47%	-0.60%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equ	8	5.89%	4.82%	6.37%	14.70%	3.98%	-10.41%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equ	8	5.52%	2.99%	4.93%	20.37%	5.50%	-3.03%
EZU	European Monetary Union Index	Europe Stock	8	6.76%	4.55%	6.48%	15.29%	3.97%	-14.20%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equ	8	4.50%	4.03%	6.36%	17.90%	4.45%	-1.36%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equ	8	5.81%	4.88%	6.43%	14.96%	4.10%	-10.74%
VGK	Vanguard European	Europe Equities	8	6.89%	4.04%	5.84%	14.50%	3.39%	-12.32%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	8	5.88%	5.68%	6.77%	14.97%	4.13%	-13.89%
SCHF	Schwab International Equity	Foreign Large Cap Equ	8	5.56%	4.62%	6.21%	15.91%	4.37%	-9.60%
ACWX	iShares MSCI ACWI ex US	Global Equities	7	5.05%	3.87%	5.51%	13.13%	3.00%	-11.67%
VT	Vanguard Total World Stock Index	Global Equities	7	4.84%	2.64%	4.00%	17.49%	3.86%	-3.54%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	7	4.54%	5.31%	6.96%	12.47%	4.15%	-12.41%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equ	7	6.15%	6.54%	7.74%	8.38%	2.19%	-17.73%
VEU	Vanguard FTSE All-World ex-US	Global Equities	7	5.35%	3.72%	5.33%	13.25%	3.04%	-12.35%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	7	5.53%	3.87%	5.50%	14.29%	3.45%	-11.45%
VXUS	Vanguard Total International Stock	Global Equities	7	5.22%	3.69%	5.24%	13.15%	3.05%	-12.65%
IXUS	iShares Core MSCI Total International Stock	Global Equities	7	5.02%	4.05%	5.47%	13.42%	3.07%	-12.27%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	7	5.52%	4.19%	5.19%	13.61%	2.86%	-15.47%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equi	7	5.42%	4.71%	6.26%	12.49%	3.14%	-14.83%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	6	4.37%	3.59%	6.65%	9.08%	1.25%	-17.01%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equi	6	4.41%	3.65%	5.59%	8.53%	1.28%	-18.38%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equ	6	5.72%	4.37%	5.61%	8.93%	1.59%	-16.01%
VSS	Vanguard FTSE All-World ex-US SmCP Idx	Foreign Small & Mid Ca	6	4.93%	3.25%	4.33%	11.63%	2.15%	-16.87%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	6	4.39%	3.68%	5.71%	9.01%	1.34%	-18.24%
ACWV	iShares Edge MSCI Min Vol Global	Global Equities	6	1.90%	1.38%	2.68%	17.72%	4.93%	0.00%
VVO	Vanguard Emerging Markets	Emerging Markets Equi	5	3.92%	1.68%	3.36%	9.84%	0.53%	-17.91%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	5	4.25%	1.64%	2.78%	12.75%	0.47%	-8.79%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equi	1	0.53%	-0.70%	-4.04%	8.11%	-1.88%	-21.80%