

# HV International ETFs as of 07/25/2019

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equi	6	1.63%	4.49%	5.12%	14.72%	5.98%	-17.01%
VT	Vanguard Total World Stock Index	Global Equities	6	1.55%	5.70%	1.16%	16.07%	5.66%	-4.70%
ACWI	iShares MSCI ACWI	Global Equities	6	1.49%	5.24%	0.74%	16.10%	5.52%	-3.93%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	6	0.25%	4.67%	1.56%	16.63%	6.23%	-5.65%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equ	6	0.37%	4.06%	1.27%	16.56%	6.32%	-6.10%
ACWV	iShares Edge MSCI Min Vol Global	Global Equities	5	0.71%	3.54%	3.24%	13.88%	5.72%	-1.22%
SCHF	Schwab International Equity	Foreign Large Cap Equ	4	-0.13%	3.54%	-0.22%	12.45%	3.20%	-12.30%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equ	4	-0.51%	2.32%	-0.74%	14.41%	4.05%	-4.28%
FEZ	SPDR Euro Stoxx 50	Europe Stock	4	-0.11%	3.49%	-0.37%	14.10%	4.85%	-14.14%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equi	4	0.00%	5.34%	-1.09%	11.52%	3.73%	-15.57%
DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreign Large Cap Equ	4	-0.62%	2.34%	-0.68%	14.52%	4.20%	-3.24%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	4	-0.07%	3.24%	-0.53%	11.73%	2.93%	-13.43%
VEU	Vanguard FTSE All-World ex-US	Global Equities	4	-0.04%	3.67%	-0.74%	11.50%	3.20%	-13.70%
VWO	Vanguard Emerging Markets	Emerging Markets Equi	4	0.05%	5.16%	-1.50%	11.76%	3.96%	-16.48%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	4	0.40%	3.60%	-0.76%	11.75%	2.22%	-16.85%
IEV	S&P Europe 350 Index	Europe Stock	3	-0.46%	1.42%	-2.09%	11.30%	2.38%	-14.14%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	3	-0.84%	5.03%	-2.49%	9.09%	2.19%	-18.18%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equ	3	0.02%	2.17%	-1.37%	11.21%	2.65%	-13.13%
EZU	European Monetary Union Index	Europe Stock	3	0.23%	2.66%	-1.85%	12.21%	3.20%	-16.49%
ACWX	iShares MSCI ACWI ex US	Global Equities	3	-0.11%	3.37%	-1.14%	11.20%	3.02%	-13.17%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	3	-0.60%	5.73%	-3.62%	9.46%	2.55%	-16.72%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equ	3	0.16%	2.20%	-1.39%	11.29%	2.60%	-13.59%
VXUS	Vanguard Total International Stock	Global Equities	3	-0.08%	3.55%	-0.89%	11.20%	2.99%	-14.16%
IXUS	iShares Core MSCI Total International Stock	Global Equities	3	0.02%	3.14%	-1.15%	11.31%	2.87%	-13.90%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	3	0.91%	1.92%	-2.30%	10.88%	1.81%	-16.95%
VGK	Vanguard European	Europe Equities	3	-0.31%	2.51%	-1.29%	11.81%	2.90%	-14.38%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	3	0.00%	3.50%	-0.80%	8.87%	1.78%	-15.21%
VSS	Vanguard FTSE All-World ex-US SmCP Idx	Foreign Small & Mid Ca	3	0.33%	3.29%	-0.80%	10.78%	2.46%	-17.50%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equi	2	-0.76%	4.58%	-2.72%	8.53%	1.92%	-18.38%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equ	1	-0.59%	2.16%	-2.85%	7.20%	0.17%	-17.34%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equ	0	-0.69%	0.29%	-4.17%	5.29%	-1.18%	-20.08%