

HV International ETFs as of 06/13/2019

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	7	5.55%	4.26%	3.50%	14.26%	6.70%	-17.34%
ACWV	iShares Edge MSCI Min Vol Global	Global Equities	6	2.56%	3.47%	3.44%	13.33%	6.35%	-0.22%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equ	5	1.28%	0.57%	2.41%	15.45%	5.89%	-7.00%
DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreigh Large Cap Equ	4	0.44%	-1.30%	1.40%	14.01%	3.94%	-3.66%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	4	1.47%	-1.24%	0.96%	13.76%	4.72%	-7.97%
FEZ	SPDR Euro Stoxx 50	Europe Stock	4	0.42%	-1.07%	1.55%	13.92%	5.00%	-14.27%
IEV	S&P Europe 350 Index	Europe Stock	3	0.64%	-1.38%	0.23%	13.09%	4.00%	-12.76%
ACWI	iShares MSCI ACWI	Global Equities	3	0.77%	-1.39%	0.34%	13.93%	3.86%	-5.73%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equ	3	0.67%	-1.54%	0.11%	11.67%	2.92%	-12.77%
EZU	European Monetary Union Index	Europe Stock	3	0.13%	-2.28%	0.10%	12.69%	3.38%	-16.13%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equ	3	0.17%	-1.51%	1.17%	13.75%	3.68%	-4.83%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equ	3	0.56%	-1.78%	-0.18%	11.55%	2.56%	-13.40%
VT	Vanguard Total World Stock Index	Global Equities	3	0.65%	-1.34%	-0.01%	13.38%	3.46%	-6.91%
VGK	Vanguard European	Europe Equities	3	0.61%	-1.58%	-0.38%	12.48%	3.44%	-13.86%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	2	0.61%	-2.07%	-0.94%	10.92%	1.94%	-14.06%
ACWX	iShares MSCI ACWI ex US	Global Equities	2	0.78%	-2.92%	-1.26%	10.30%	2.27%	-13.88%
VEU	Vanguard FTSE All-Word ex-US	Global Equities	2	0.80%	-2.82%	-1.34%	10.25%	2.07%	-14.67%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	2	-0.33%	-3.01%	-1.00%	10.77%	0.82%	-17.04%
SCHF	Schwab International Equity	Foreign Large Cap Equ	2	0.70%	-1.96%	-0.35%	11.39%	1.90%	-13.12%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	2	0.19%	-2.89%	-1.41%	10.72%	0.23%	-17.62%
VXUS	Vanguard Total International Stock	Global Equities	2	0.79%	-2.82%	-1.33%	10.12%	1.98%	-14.99%
IXUS	iShares Core MSCI Total International Stock	Global Equities	2	0.71%	-2.84%	-1.19%	10.57%	2.14%	-14.48%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	1	0.85%	-2.90%	-2.05%	7.14%	-0.52%	-16.56%
VSS	Vanguard FTSE All-Wld ex-US SmCP Idx	Foreign Small & Mid Ca	1	0.85%	-3.04%	-1.55%	9.74%	0.84%	-18.28%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equi	0	1.23%	-5.49%	-3.34%	8.29%	1.47%	-18.02%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equ	0	-0.10%	-4.27%	-2.35%	7.46%	-0.24%	-17.14%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equ	0	0.04%	-3.82%	-2.33%	7.34%	-0.14%	-18.52%
VWO	Vanguard Emerging Markets	Emerging Markets Equi	0	1.03%	-6.23%	-4.36%	8.32%	1.67%	-19.05%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equi	-1	1.44%	-6.51%	-4.77%	6.32%	0.16%	-20.04%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	-1	1.29%	-6.73%	-4.92%	6.40%	0.07%	-20.20%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	-2	-0.67%	-8.38%	-5.88%	5.65%	-0.74%	-19.62%