

HV International ETFs as of 09/12/2019

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
ACWI	iShares MSCI ACWI	Global Equities	6	6.12%	-0.09%	0.87%	16.24%	4.68%	-3.82%
VT	Vanguard Total World Stock Index	Global Equities	6	6.11%	0.01%	0.82%	16.13%	4.72%	-4.65%
DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreign Large Cap Equ	6	7.06%	1.70%	-0.19%	15.70%	4.64%	-2.24%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equ	6	5.34%	0.48%	0.38%	17.61%	5.58%	-5.26%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equ	6	7.06%	1.77%	-0.07%	15.69%	4.60%	-3.21%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equ	5	6.58%	-0.13%	0.03%	11.64%	2.65%	-13.33%
ACWV	iShares Edge MSCI Min Vol Global	Global Equities	5	2.69%	0.59%	1.60%	15.96%	5.90%	-0.38%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	5	6.75%	-0.14%	-0.14%	12.08%	2.92%	-13.16%
SCHF	Schwab International Equity	Foreign Large Cap Equ	5	6.56%	-0.16%	-1.02%	12.87%	3.40%	-11.97%
EZU	European Monetary Union Index	Europe Stock	5	7.88%	-0.08%	0.10%	12.44%	3.05%	-16.32%
FEZ	SPDR Euro Stoxx 50	Europe Stock	5	7.28%	-0.37%	-2.19%	14.34%	4.19%	-13.96%
ACWX	iShares MSCI ACWI ex US	Global Equities	4	6.81%	-0.75%	-0.55%	11.03%	2.46%	-13.30%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equ	4	6.60%	-0.20%	-0.12%	11.55%	2.65%	-12.86%
IEV	S&P Europe 350 Index	Europe Stock	4	6.68%	-0.73%	-0.84%	11.48%	2.16%	-14.00%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	4	6.23%	-0.50%	-0.33%	10.30%	1.35%	-17.39%
IXUS	iShares Core MSCI Total International Stock	Global Equities	4	6.69%	-0.80%	-0.60%	11.06%	2.30%	-14.09%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	4	7.08%	0.76%	0.35%	9.70%	2.73%	-14.57%
VGK	Vanguard European	Europe Equities	4	6.86%	-0.69%	-0.69%	11.85%	2.48%	-14.35%
VXUS	Vanguard Total International Stock	Global Equities	4	6.57%	-0.81%	-1.74%	11.03%	2.43%	-14.29%
VEU	Vanguard FTSE All-World ex-US	Global Equities	4	6.60%	-0.82%	-0.63%	11.21%	2.50%	-13.92%
VWO	Vanguard Emerging Markets	Emerging Markets Equi	3	7.01%	-2.46%	-1.27%	10.16%	1.68%	-17.67%
VSS	Vanguard FTSE All-World ex-US SmCP Idx	Foreign Small & Mid Ca	3	5.94%	-1.66%	-1.31%	9.39%	1.20%	-18.54%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	3	7.69%	-2.51%	-2.12%	7.53%	0.58%	-19.35%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	3	6.11%	-3.90%	-2.49%	12.70%	1.69%	-8.83%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equi	3	6.74%	-2.82%	-2.12%	9.73%	1.65%	-16.92%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	3	5.94%	-1.65%	-1.93%	10.27%	1.15%	-17.95%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equ	3	8.03%	-0.37%	-2.06%	7.52%	0.96%	-17.10%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	3	7.97%	-2.03%	-1.74%	7.74%	0.70%	-18.02%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equ	3	8.07%	-0.81%	-0.83%	5.11%	-0.38%	-20.21%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equi	2	7.48%	-2.66%	-2.08%	6.96%	0.37%	-19.56%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equi	-2	-2.70%	-7.54%	-4.36%	7.34%	-1.97%	-22.35%