

HV International ETFs as of 01/31/2019

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD %M/A	DD%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	9	12.09%	6.05%	6.29%	10.34%	1.46% -17.24%
VVO	Vanguard Emerging Markets	Emerging Markets Equi	8	10.91%	6.01%	6.80%	9.66%	1.18% -18.05%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equi	8	11.36%	5.28%	5.66%	9.61%	0.68% -17.56%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	8	11.98%	4.48%	5.55%	8.58%	-0.71% -17.39%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equi	7	10.84%	4.12%	4.88%	9.52%	1.09% -17.08%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	6	9.86%	2.79%	1.60%	7.86%	-1.72% -12.74%
VXUS	Vanguard Total International Stock	Global Equities	5	9.10%	3.17%	0.12%	7.67%	-3.33% -16.89%
ACWX	iShares MSCI ACWI ex US	Global Equities	5	8.93%	3.39%	0.36%	7.53%	-2.62% -16.04%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equi	5	7.77%	1.25%	3.21%	8.15%	-1.18% -21.77%
VEU	Vanguard FTSE All-Word ex-US	Global Equities	5	8.76%	3.16%	0.27%	7.57%	-3.18% -16.74%
IXUS	iShares Core MSCI Total International Stock	Global Equities	5	9.01%	3.08%	-0.12%	7.79%	-3.31% -16.62%
FEZ	SPDR Euro Stoxx 50	Europe Stock	4	7.86%	3.16%	-1.34%	5.95%	-5.52% -20.27%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equ	4	7.70%	2.27%	-1.23%	6.17%	-4.51% -14.47%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equ	4	7.83%	2.13%	-1.80%	6.63%	-4.46% -16.70%
ACWI	iShares MSCI ACWI	Global Equities	4	9.94%	1.27%	-2.06%	8.04%	-2.14% -10.60%
EZU	European Monetary Union Index	Europe Stock	4	8.29%	2.92%	-1.87%	6.53%	-6.33% -20.72%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equ	4	7.79%	1.86%	-2.30%	6.69%	-5.04% -17.17%
IEV	S&P Europe 350 Index	Europe Stock	4	7.74%	2.94%	-1.86%	6.39%	-4.84% -17.93%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equ	4	8.11%	2.97%	-1.20%	7.28%	-4.12% -17.28%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	4	9.16%	2.06%	-3.31%	8.09%	-6.65% -19.05%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	4	8.49%	2.52%	-1.46%	7.47%	-4.45% -16.73%
VGK	Vanguard European	Europe Equities	4	8.09%	3.43%	-1.82%	6.68%	-5.08% -18.30%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	4	8.34%	1.29%	-1.03%	7.37%	-4.24% -16.38%
VSS	Vanguard FTSE All-Wld ex-US SmCP Idx	Foreign Small & Mid Ca	4	8.60%	1.94%	-2.02%	7.48%	-6.91% -19.96%
VT	Vanguard Total World Stock Index	Global Equities	4	9.84%	1.57%	-1.89%	7.99%	-2.63% -11.34%
SCHF	Schwab International Equity	Foreign Large Cap Equ	3	8.27%	0.60%	-3.19%	7.20%	-5.31% -16.40%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equ	3	7.33%	2.14%	-2.41%	6.50%	-4.57% -19.15%
DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreign Large Cap Equ	3	7.27%	0.24%	-3.67%	6.24%	-4.35% -10.24%
ACWV	iShares Edge MSCI Min Vol Global	Global Equities	3	6.64%	-0.22%	-0.56%	5.14%	0.88% -3.12%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equ	3	7.28%	0.99%	-3.89%	6.20%	-4.69% -11.15%