

HV International ETFs as of 11/22/2017

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD	%M/A	DD%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	17	5.55%	9.56%	9.09%	42.65%	14.15%	0.00%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equit	14	4.33%	7.84%	6.96%	35.76%	11.98%	0.00%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	14	4.41%	7.85%	6.81%	36.56%	12.30%	0.00%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equit	12	3.51%	6.34%	5.12%	31.45%	10.46%	0.00%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equit	12	2.85%	5.63%	7.67%	32.11%	10.71%	0.00%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	11	3.69%	7.25%	8.23%	25.17%	9.59%	-0.03%
VWO	Vanguard Emerging Markets	Emerging Markets Equit	10	3.02%	6.17%	3.67%	27.92%	8.80%	0.00%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equi	10	2.22%	4.27%	6.01%	25.66%	7.63%	0.00%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	10	1.88%	3.90%	6.21%	27.29%	8.51%	0.00%
VSS	Vanguard FTSE All-Wld ex-US SmCP Idx	Foreign Small & Mid Ca	9	1.88%	3.86%	5.24%	25.31%	7.76%	0.00%
ACWX	iShares MSCI ACWI ex US	Global Equities	9	1.98%	4.00%	5.93%	23.84%	7.76%	0.00%
SCHF	Schwab International Equity	Foreign Large Cap Equi	9	1.48%	3.22%	5.74%	23.77%	7.47%	-0.12%
IXUS	iShares Core MSCI Total International Stock	Global Equities	9	1.98%	4.00%	5.77%	24.48%	7.85%	0.00%
ACWI	iShares MSCI ACWI	Global Equities	8	1.98%	4.08%	5.97%	20.25%	7.19%	0.00%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	8	2.70%	3.90%	3.84%	21.05%	5.38%	0.00%
IEFA	iShares Core MSCI EAFE	Foreign Large Cap Equi	8	1.21%	2.89%	5.29%	22.10%	6.51%	-0.08%
VXUS	Vanguard Total International Stock	Global Equities	8	1.77%	3.87%	5.21%	22.91%	7.13%	0.00%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	8	1.55%	3.30%	5.41%	21.62%	6.73%	-0.02%
VEU	Vanguard FTSE All-Word ex-US	Global Equities	8	1.84%	3.86%	5.17%	22.91%	7.13%	0.00%
VT	Vanguard Total World Stock Index	Global Equities	8	1.83%	3.90%	5.49%	19.64%	6.73%	0.00%
FEZ	SPDR Euro Stoxx 50	Europe Stock	7	-0.63%	0.79%	3.64%	22.47%	5.14%	-2.17%
EZU	European Monetary Union Index	Europe Stock	7	-0.58%	1.12%	3.90%	24.88%	5.98%	-2.04%
PXF	PowerShares FTSE RAFI Developed Markets	Foreign Large Cap Equi	7	0.63%	2.24%	4.75%	19.21%	6.02%	-0.69%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equi	7	1.07%	2.75%	5.09%	20.86%	6.03%	-0.20%
IEV	S&P Europe 350 Index	Europe Stock	6	-0.09%	0.84%	3.57%	20.46%	4.74%	-1.27%
DBEF	Deutsche X-Trackers MSCI EAFE Hedged	Foreign Large Cap Equi	6	0.48%	2.82%	5.74%	13.01%	4.26%	-1.80%
VGK	Vanguard European	Europe Equities	6	0.00%	0.95%	3.34%	21.34%	4.98%	-1.19%
ACWV	iShares Edge MSCI Min Vol Global	Global Equities	6	1.41%	2.99%	3.23%	14.90%	4.46%	-0.06%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equi	6	0.51%	2.78%	5.79%	13.25%	4.32%	-1.76%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equi	5	-0.05%	1.02%	4.07%	15.83%	4.35%	-1.07%