

HV Bond/Dividend ETFs as of 10/31/2019

Ticker	ETF Name	Orientation	M-Index	4 wk	8 wk	12 wk	YTD %M/A	DD%	
IHDG	WisdomTree International Hedged Dividend Growt	Foreign Large Cap Equ	9	4.62%	2.03%	4.78%	23.01%	5.06%	-0.61%
NOBL	ProShares S&P 500 Dividend Aristocrats	Large Cap Value Equiti	8	4.09%	2.37%	4.55%	19.67%	5.49%	-0.63%
IDV	iShares International Select Dividend	Foreign Large Cap Equ	8	6.51%	6.05%	7.99%	11.08%	3.41%	-11.12%
DGRO	iShares Core Dividend Growth	Large Cap Value Equiti	8	4.70%	2.78%	4.75%	20.28%	5.71%	-0.37%
DFE	Wisdom Tree Europe SmCap Div.	Europe Stock	8	7.99%	6.09%	6.72%	10.38%	1.91%	-22.03%
DON	Wisdom Tree MidCap Div.	Mid-Cap Value	7	3.99%	3.84%	3.11%	16.28%	2.68%	-63.75%
IDU	Dow Jones US Utilities	Utilities Equities	7	0.52%	1.66%	5.26%	20.25%	6.55%	-1.18%
JXI	iShares S&P Global Utilities	Utilities Equities	7	1.39%	2.93%	6.30%	18.94%	6.40%	-0.53%
FDL	1st Trust Morningstar Div. Lead's	Large Cap Value	7	4.08%	3.36%	3.53%	15.20%	3.68%	-0.79%
SCHD	Schwab US Dividend Equity	All Cap Equities	7	3.99%	2.28%	4.93%	18.20%	4.75%	-0.64%
SDY	SPDR Dividend ETF	Large Value	7	4.58%	3.58%	3.97%	16.48%	4.14%	-0.77%
DES	Wisdom Tree SmallCap Div.	Small Cap Value	7	4.52%	5.16%	5.04%	13.09%	1.98%	-67.53%
XLU	Utilities Select Sector	Utilities Equities	7	0.58%	1.89%	5.67%	21.41%	7.18%	-1.05%
VPU	Vanguard Utilities VIPERS	Utilities Equities	7	0.55%	1.66%	5.29%	20.86%	6.74%	-1.47%
DHS	Wisdom Tree High-Yield Equity	Large Cap Value	6	2.93%	3.07%	3.87%	15.08%	3.27%	-0.43%
VYM	Vanguard High Div. Yield Index	Large Cap Value	6	3.68%	2.18%	3.55%	14.96%	3.37%	-1.37%
DWX	SPDR S&P International Dividend	Foreign Large Cap Equ	6	3.71%	2.83%	4.11%	14.39%	3.66%	-6.80%
DVY	iShares Select Dividend Index	Large Cap Value	6	2.90%	2.43%	3.59%	14.31%	3.02%	-1.09%
VIG	Vanguard Div. Appreciation	Large Cap Value Equiti	6	2.33%	-0.62%	1.74%	22.11%	4.99%	-1.02%
SDOG	ALPS Sector Dividend Dogs	Large Cap Value Equiti	6	4.48%	3.58%	3.77%	13.26%	2.68%	-9.99%
VCLT	Vanguard Long-Term Corporate Bond	Corporate Bonds	5	-0.20%	-0.26%	1.18%	18.70%	6.59%	-2.28%
FXU	1st Trust Utilities AlphaDEX	Utilities Equities	5	2.21%	1.65%	3.94%	10.38%	3.02%	-1.30%
SPHD	PowerShares S&P 500 HiDivLowVol	Large Cap Value	5	2.19%	2.54%	2.99%	10.94%	0.98%	-2.15%
HDV	iShares Core High Dividend	Large Cap Value Equiti	5	3.08%	0.96%	1.77%	12.28%	1.47%	-1.23%
ZROZ	PIMCO 25 Yr Zero Coupon US Treas Idx Exchg-Tr	Government Bonds	5	-3.49%	-3.87%	1.78%	25.91%	11.47%	-6.64%
FV	First Trust VL Dividend	Large Cap Value Equiti	5	3.21%	-0.17%	-0.96%	18.50%	0.16%	-5.76%
VRP	PowerShares Variable Rate Preferred Portfolio	Preferred Stock	4	1.42%	1.22%	2.10%	12.75%	3.21%	-2.24%
LQD	iShares iBoxx \$ Liquid Invest. Gr.	Corporate Bonds	4	-0.02%	0.06%	1.11%	13.20%	4.56%	-1.08%
FPE	First Trust Preferred Securities and Income	Preferred Stock	4	0.81%	0.96%	1.69%	10.75%	2.74%	-1.63%
BLV	Vanguard Long Term Bond	Long-Term Bond	4	-1.37%	-1.57%	0.82%	16.66%	6.78%	-3.22%
EDV	Vanguard Extended Duration Treasury	Government Bonds	4	-3.69%	-4.08%	0.36%	22.06%	9.70%	-6.56%
CWB	SPDR Barclays Convertible Securities	Convertible Bonds	4	2.54%	0.78%	0.40%	13.81%	1.44%	-3.06%
DEM	WisdomTree Emerg. Mkts Hi-Yld E.	Emerging Mkts Equities	4	4.25%	1.20%	2.26%	6.95%	-0.75%	-14.60%
PGX	PowerShares Preferred Portfolio	Preferred Stock/Conver	3	0.13%	-0.33%	1.08%	11.21%	1.97%	-3.17%
PFF	iShares S&P Preferred Stock	Preferred Stock/Conver	3	0.81%	0.40%	1.35%	9.64%	1.90%	-6.83%
PEZ	PowerShares High Yield Divi Achievers	All Cap Equities	3	3.58%	-2.42%	-4.20%	14.83%	-2.11%	-10.83%
VGLT	Vanguard Long-Term Government Bonds	Government Bonds	3	-2.50%	-2.44%	0.64%	15.93%	7.22%	-4.35%
TLT	iShares 20+ Treas. Bd	Government Bonds	3	-2.54%	-2.43%	0.65%	16.24%	7.41%	-4.44%
VCIT	Vanguard Intermediate-Term Corporate Bond	Corporate Bonds	3	-0.08%	0.16%	0.86%	10.55%	3.52%	-0.53%
BND	Vanguard Total Bond Market	Intermediate-Term Bon	2	-0.34%	-0.24%	0.46%	6.69%	2.72%	-0.76%
BIV	Vanguard Intermed. Term Bond	Intermediate-Term Bon	2	-0.46%	-0.33%	0.33%	8.39%	3.14%	-0.94%

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BNDX	Vanguard Total International Bond	Total Bond Market	2	-0.70%	-0.54%	0.14%	7.82%	2.76%	-1.23%
HYG	iShares Lehman Hi-Yield Corp.	High Yield Bond	2	0.75%	-0.29%	0.51%	7.04%	0.49%	-2.43%
EMB	iShares Emerging Markets Bond	Emerging Market Bond	2	0.59%	-1.19%	-0.78%	9.33%	1.92%	-3.70%
PGF	PowerShares Fin. Preferred Portf.	Specialty-Financial	2	0.21%	0.11%	0.91%	8.41%	1.64%	-3.64%
TLH	iShares Lehman 10-20 Yr Treasury	Government Bonds	2	-1.76%	-1.54%	0.10%	11.22%	4.99%	-2.91%
SCHZ	Schwab US Aggregate Bond	Total Bond Market	2	-0.41%	-0.31%	0.39%	6.44%	2.55%	-0.87%
PHB	PowerShares High Yield Corp Bond	High Yield Bonds	2	0.37%	-0.52%	0.37%	7.47%	0.89%	-0.89%
PCY	PowerShares Emerging Markets Sovereign Debt P	Emerging Markets Bon	2	-0.03%	-2.25%	-1.29%	10.30%	2.01%	-5.85%
VWOB	Vanguard Emerging Markets Gov Bonds	Emerging Markets Bon	2	0.40%	-0.73%	-0.76%	8.26%	1.93%	-1.54%
JNK	Barclays Cap. High Yield Bond	High Yield Bond	2	0.79%	-0.41%	0.45%	7.36%	-4.59%	-66.69%
IEF	iShares Lehman 7-10 Yr Treasury	Government Bonds	2	-0.95%	-0.72%	0.19%	7.98%	3.51%	-1.52%
VGIT	Vanguard Intermediate-Term Gov Bonds	Government Bonds	1	-0.68%	-0.42%	0.09%	5.15%	2.24%	-1.02%
BOND	PIMCO Total Return Active Exchange-Traded	Total Bond Market	1	-0.41%	-0.41%	0.14%	5.67%	1.88%	-0.91%
SHYG	iShares 0-5 Year High Yield Corporate Bond	High Yield Bonds	1	0.50%	-0.19%	0.15%	3.91%	-0.33%	-3.62%
BAB	PowerShares Build America Bond Portfolio	National Munis	1	-1.32%	-1.71%	-0.19%	8.42%	3.31%	-2.69%
BWX	SPDR Lehman Intl Treasury Bond	World Gov Bond	1	0.10%	-0.24%	-0.34%	4.78%	2.12%	-2.30%
VCSH	Vanguard Short-Term Corporate Bond	Corporate Bonds	1	0.00%	0.33%	0.52%	4.27%	1.42%	-0.04%
IEI	iShares Lehman 3-7 Yr. Treasury	Government Bonds	1	-0.57%	-0.29%	0.06%	4.59%	1.96%	-0.82%
SJNK	SPDR Barclays Short Term High Yield Bond	High Yield Bonds	1	0.15%	-0.63%	-0.41%	2.92%	-0.99%	-4.80%
AGG	iShares Lehman Aggregate Bond	Intermediate-Term Bon	1	-0.43%	-0.35%	0.32%	6.25%	2.50%	-0.86%
BSV	Vanguard Short Term Bond	Total Bond Market	1	-0.21%	0.04%	0.21%	3.05%	1.19%	-0.23%
FLT	Fidelity Limited Term Bond	Corporate Bonds	1	-0.33%	-0.16%	0.14%	3.30%	1.09%	-0.37%
SCHR	Schwab Intermediate-Term U.S. Treasury	Government Bonds	1	-0.68%	-0.47%	0.00%	5.02%	2.19%	-1.03%
SCHP	Schwab U.S. TIPs	Inflation-Protected Bon	1	-0.61%	-0.82%	-0.46%	6.44%	1.74%	-1.78%
HYS	PIMCO 0-5 Year High Yield Corp Bond	High Yield Bonds	1	0.06%	-0.55%	-0.14%	4.15%	-0.60%	-2.81%
PZA	Pshares Insured National Munis	National Munis	1	-0.79%	-1.08%	-0.64%	5.92%	1.66%	-1.42%
MUB	iShares S&P National Muni Bond	National Munis	1	-0.14%	-0.45%	-0.36%	4.74%	1.55%	-0.99%
FLOT	iShares Floating Rate Bond	Corporate Bonds	1	0.22%	0.31%	0.31%	1.25%	0.24%	-0.14%
GVI	iShares Lehman Intern. Govt/Credit	Total Bond Market	1	-0.33%	-0.02%	0.29%	4.84%	1.89%	-0.44%
GOVT	iShares Core U.S. Treasury Bond	Government Bonds	1	-0.79%	-0.64%	0.23%	6.61%	2.67%	-1.31%
TIP	iShares TIPs Bond Fd	Inflation-Protected Bon	1	-0.54%	-0.98%	-0.51%	5.98%	1.54%	-1.73%
BKLN	PowerShares Exchange-Traded Fund Trust	High Yield Bonds	0	-0.66%	-1.02%	-1.10%	2.89%	-1.28%	-4.31%
VTIP	Vanguard Short-Term Inflation-Protected Securities	Inflation-Protected Bon	0	-0.06%	-0.73%	-0.73%	2.63%	0.32%	-1.09%
VGSH	Vanguard Short-Term Government	Government Bonds	0	-0.08%	0.07%	0.08%	1.53%	0.69%	-0.65%
BSJI	Guggenheim BulletShares High Yield Corp Bond	High Yield Bonds	0	0.00%	0.00%	0.00%	0.00%	0.00%	-1.34%
CIU	iShares Lehman Intermed. Credit	Intermediate-Term Bon	0	0.00%	0.00%	0.00%	0.00%	0.00%	-100.00%
SHY	iShares Lehman 1-3 Year Treasury	Government Bonds	0	-0.12%	0.08%	0.09%	1.59%	0.69%	-0.46%
CLY	iShares 10 Year Credit Bond	Corporate Bonds	0	0.00%	0.00%	0.00%	0.00%	0.00%	-100.00%
CRED	iShares Core U.S. Credit Bond	Bonds	0	0.00%	0.00%	0.00%	0.00%	0.00%	-100.00%
CSJ	iShares Lehman 1-3 Yr Credit Bd	Corporate Bond	0	0.00%	0.00%	0.00%	0.00%	0.00%	-100.00%
TOTL	SPDR DoubleLine Total Return Tactical	Total Bond Market	0	-0.77%	-0.47%	-0.49%	3.65%	0.95%	-2.29%
SCHO	Schwab Short-Term U.S. Treasury	Government Bonds	0	-0.08%	0.08%	0.10%	1.52%	0.69%	-0.57%
FTSM	First Trust Enhanced Short Maturity	Total Bond Market	0	-0.05%	0.00%	-0.03%	0.40%	0.03%	-0.17%