

# Fixed Income ETF Universe

TICKER	ETF NAME	AUM	VOLUME	LIQUIDITY RATING
	<i>*All data updated: Aug 2018</i>	\$		Ease of trading \$1 million block - 1 low to 5 high)
<a href="#">AGG</a>	iShares Core US Aggregate Bond ETF	\$55.76B	3,069,832	5
<a href="#">ANGL</a>	VanEck Vectors Fallen Angel HiYld Bd ETF	\$1.11B	376,797	2
<a href="#">BIL</a>	SPDR Blmbg Barclays 1-3 Month T-Bill ETF	\$3.27B	696,785	5
<a href="#">BIV</a>	Vanguard Interm-Term Bond ETF	\$13.07B	952,242	3
<a href="#">BKLN</a>	Invesco Senior Loan ETF	\$7.86B	4,361,316	5
<a href="#">BLV</a>	Vanguard Long-Term Bond ETF	\$2.18B	133,513	3
<a href="#">BND</a>	Vanguard Total Bond Market ETF	\$36.37B	2,196,573	5
<a href="#">BNDX</a>	Vanguard Total International Bond ETF	\$11.45B	1,317,384	5
<a href="#">BSV</a>	Vanguard Short-Term Bond ETF	\$25.43B	1,802,482	5
<a href="#">BWX</a>	SPDR Blmbg Barclays Intl Trs Bd ETF	\$1.20B	684,798	3
<a href="#">CIU</a>	iShares Intermediate Credit Bond ETF	\$6.30B	412,684	3
<a href="#">CSJ</a>	iShares 1-3 Year Credit Bond ETF	\$10.53B	576,370	3
<a href="#">CWB</a>	SPDR Blmbg Barclays Convert Secs ETF	\$4.65B	1,047,762	2
<a href="#">EMB</a>	iShares JP Morgan USD Em Mkts Bd ETF	\$13.43B	2,902,062	5
<a href="#">EMLC</a>	VanEck Vectors JP Morgan EM LC Bd ETF	\$4.27B	4,363,706	5
<a href="#">FLOT</a>	iShares Floating Rate Bond ETF	\$10.61B	\$10.61B	5
<a href="#">FPE</a>	First Trust Preferred Sec & Inc ETF	\$3.51B	747,414	2
<a href="#">GOVT</a>	iShares US Treasury Bond ETF	\$6.56B	1,654,284	5
<a href="#">GVI</a>	iShares Intermediate Govt/Crdt Bd ETF	\$1.99B	60,408	5
<a href="#">HYD</a>	VanEck Vectors High-Yield Municipal ETF	\$2.64B	602,370	2
<a href="#">HYG</a>	iShares iBoxx \$ High Yield Corp Bd ETF	\$15.69B	10,858,625	5
<a href="#">HYS</a>	PIMCO 0-5 Year High Yield Corp Bond Index ETF	\$1.67B	283,979	2
<a href="#">IEF</a>	iShares 7-10 Year Treasury Bond ETF	\$8.75B	3,208,427	5
<a href="#">IEI</a>	iShares 3-7 Year Treasury Bond ETF	\$7.32B	417,925	5
<a href="#">JNK</a>	SPDR Blmbg Barclays High Yield Bd ETF	\$9.89B	10,253,020	5
<a href="#">LQD</a>	iShares iBoxx \$ Invmt Grade Corp Bd ETF	\$34.30B	5,277,045	5
<a href="#">MBB</a>	iShares MBS ETF	\$12.05B	537,015	5
<a href="#">MINT</a>	PIMCO Enhanced Short Maturity Active ETF	\$9.56B	776,254	5
<a href="#">MUB</a>	iShares National Muni Bond ETF	\$9.95B	593,808	5
<a href="#">NEAR</a>	iShares Short Maturity Bond ETF	\$4.39B	1,264,030	4
<a href="#">PCY</a>	PowerShares Emerging Markets Sov Dbt ETF	\$4.20B	1,478,460	3
<a href="#">PFF</a>	iShares US Preferred Stock ETF	\$16.97B	2,662,023	5
<a href="#">PGX</a>	Invesco Preferred ETF	\$5.37B	1,814,016	3
<a href="#">SCHO</a>	Schwab Short-Term US Treasury ETF	\$2.71B	419,102	5

<b>TICKER</b>	<b>ETF NAME</b>	<b>AUM</b>	<b>VOLUME</b>	<b>LIQUIDITY RATING</b>
<a href="#"><u>SCHP</u></a>	Schwab US TIPS ETF	\$5.54B	1,071,845	5
<a href="#"><u>SCHZ</u></a>	Schwab US Aggregate Bond ETF	\$5.19B	364,822	4
<a href="#"><u>SHM</u></a>	SPDR Nuveen Blmbg Barclays ST MunBd ETF	\$3.68B	355,538	2
<a href="#"><u>SHY</u></a>	iShares 1-3 Year Treasury Bond ETF	\$13.34B	2,404,056	5
<a href="#"><u>SHYG</u></a>	iShares 0-5 Year High Yield Corp Bd ETF	\$2.55B	1,272,954	3
<a href="#"><u>SJNK</u></a>	SPDR Blmbg BarclaysST HY Bd ETF	\$3.66B	1,367,847	2
<a href="#"><u>SPIB</u></a>	SPDR Portfolio Interm Term Corp Bd ETF	\$3.31B	885,087	4
<a href="#"><u>SPSB</u></a>	SPDR Portfolio Short Term Corpo	\$4.34B	710,144	4
<a href="#"><u>SRLN</u></a>	SPDR Blackstone / GSO Senior Loan ETF	\$3.22B	531,070	3
<a href="#"><u>TFI</u></a>	SPDR Nuveen Blmbg Barclays Muni Bd ETF	\$2.77B	349,994	2
<a href="#"><u>TIP</u></a>	iShares TIPS Bond ETF	\$24.22B	1,212,281	5
<a href="#"><u>TLT</u></a>	iShares 20+ Year Treasury Bond ETF	\$7.70B	7,107,086	5
<a href="#"><u>TOTL</u></a>	SPDR DoubleLine Total Return Tact ETF	\$3.17B	230,672	3
<a href="#"><u>VCIT</u></a>	Vanguard Interm-Term Corp Bd ETF	\$18.86B	1,062,644	5
<a href="#"><u>VCLT</u></a>	Vanguard Long-Term Corporate Bd ETF	\$2.31B	264,630	2
<a href="#"><u>VCSH</u></a>	Vanguard Short-Term Corporate Bond ETF	\$21.17B	1,424,991	5
<a href="#"><u>VMBS</u></a>	Vanguard Mortgage-Backed Secs ETF	\$6.91B	788,723	5
<a href="#"><u>VTIP</u></a>	Vanguard Short-Term Infl-Prot Secs ETF	\$5.18B	380,747	5