# **Quarterly Asset Class Report Taxable Fixed Income**

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Role in the Portfolio Fixed Income

Canterbury Consulting recommends and communicates asset-class strategy with the objective of constructing a diversified portfolio of fixed income strategies designed to (in aggregate):

- Preserve after-tax wealth and mitigate volatility
- Maintain comparable exposure to the broad municipal market
- Focus exposure based on state domicile and after-tax returns
- Exhibit returns uncorrelated to equity markets



- Canterbury global fixed income portfolios are set up with a goal to deliver consistent after-tax and net-of-fees excess returns and moderate tracking error versus the Barclays Municipal Bond Index. The goal for taxable fixed income portfolios are to have a high quality bias with sensitivity toward taxes.
- Canterbury's fixed income portfolios seek to exhibit benchmark-like, after-tax yields and credit quality through more
  portfolio diversification and lower duration. Portfolio diversification will depend on the client's state of domicile and
  individual goals (i.e. income vs. capital preservation).

# Index Returns as of September 30, 2021

# Fixed Income

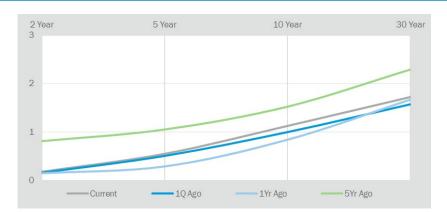
	QTD	YTD	1 Year	3 Years	5 Years	7 Years	10 Years
Barclays Global Aggregate	-0.88	-4.06	-0.91	4.24	1.99	2.17	1.86
Barclays US Agg Bond	0.05	-1.55	-0.90	5.35	2.94	3.26	3.01
U.S. Treasurys							
BofAML 3M US Treasury Note	0.01	0.08	0.09	1.24	1.18	0.90	0.65
Barclays Short Treasury	0.02	0.06	0.08	1.35	1.25	0.97	0.72
Barclays Intermediate Treasury	-0.01	-1.15	-1.38	4.00	1.98	2.21	1.81
Barclays Long Term US Treasury	0.47	-7.49	-10.27	9.21	3.31	5.43	4.39
BBgBarc U.S. Treasury TIPS 1-5Y	1.39	4.31	5.86	4.96	3.18	2.50	1.94
Barclays US Treasury US TIPS	1.75	3.51	5.19	7.45	4.34	3.90	3.12
U.S. Corporate Credit Barclays US Corp IG	0.00	-1.27	1.74	7.44	4.61	4.74	4.87
S&P/LSTA Leveraged Loan	1.11	4.42	8.40	4.14	4.58	4.18	4.91
BofAML US HY Master II	0.94	4.67	11.46	6.62	6.36	5.76	7.29
BofAML US HY BB-B Constrained	0.94	3.84	9.76	6.89	6.16	5.75	7.08
BofAML US Corporate AAA	-0.42	-3.32	-1.82	7.90	4.52	4.91	4.01
BofAML US Corporate AA	-0.11	-1.87	-0.12	6.39	3.78	4.14	4.03
BofAML US Corporate A	-0.19	-1.90	0.13	6.93	4.11	4.40	4.55
BofAML US Corps BBB	0.06	-0.32	3.63	7.95	5.21	5.02	5.50
BofAML US High Yield BB	1.07	3.78	9.74	8.16	6.54	6.35	7.41
BofAML US High Yield B	0.69	4.02	9.97	5.47	5.77	5.09	6.72
BofAML US High Yield CCC	1.01	10.62	24.11	3.63	6.87	5.49	8.12
Securitized							
Barclays ABS	0.05	0.23	0.59	3.50	2.36	2.34	2.13
Barclays MBS	0.10	-0.67	-0.43	3.85	2.17	2.55	2.41
Barclays CMBS	-0.03	-0.53	0.52	5.81	3.25	3.49	3.80
Municipals				3.01	5.25		3.00
Barclays Municipal	-0.27	0.79	2.63	5.06	3.26	3.57	3.87
Barclays Muni 1-10	0.02	0.32	1.15	3.68	2.36	2.37	2.47
Global							
Citi WGBI	-1.24	-5.93	-3.33	3.73	1.35	1.74	1.06
Barclays Gbl Agg Ex USD	-1.59	-5.94	-1.15	3.17	1.10	1.22	0.90
JPM EMBI Plus	-1.11	-4.20	1.20	4.68	2.31	3.92	4.80



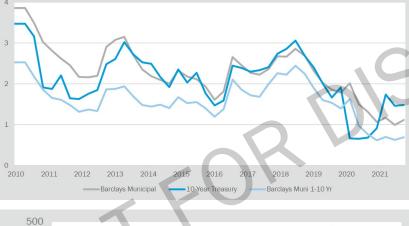
# Market Environment as of September 30, 2021

#### Fixed Income











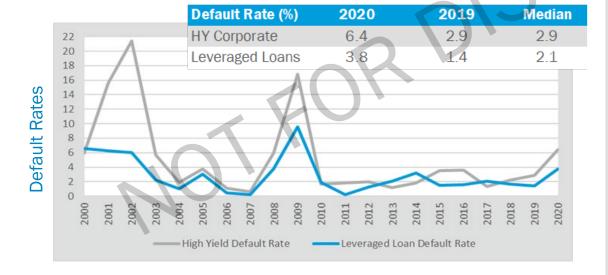


- In September, the Fed expressed a slightly more hawkish tone by hinting at implementing an asset purchase taper program by year-end. By moving up the taper timeline, the central bank is signaling adequate economic growth and employment conditions while acknowledging that inflation is meeting or exceeding the 2% target.
- The treasury yield curve experienced volatility but did not meaningfully change quarter-over-quarter. However, the long end of the yield curve steepened during the last week of September and the first week of October as inflation concerns persisted.
- The municipal bond curve marginally steepened over the quarter in response to the Fed's hawkish stance around policy support.
- The Muni/Treasury ratio slightly increased, particularly in longer dated maturities as long-term municipal yields rose more relative to Treasurys.
- Municipal bond issuance slowed down in the third quarter but YTD issuance is still higher than 2020 levels by approximately 4%.

Sources: Securities Industry and Financial Markets Association (SIFMA), U.S. Treasury Department, Barclays, Bloomberg

# **Market Environment as of September 30, 2021**

#### Spreads (%) 3-Mo. Ago 12-Mo. Ago **Current** Median 22 **HY Corporate** 3.04 4.74 3.15 5.41 20 IG Corporate 0.89 0.86 1.44 1.45 18 Corporate Spreads 16 14 12 10 2009 2010 2011 2012 2014 2018 2019 2020 2021 -U.S. Investment Grade ----U.S. High Yield



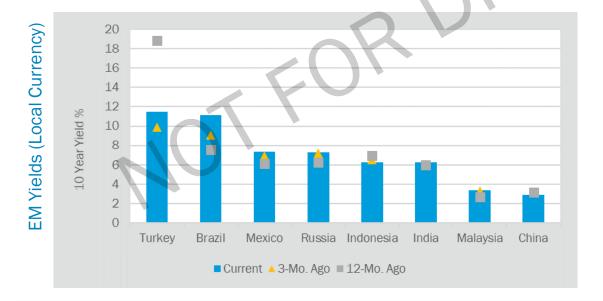
#### Fixed Income

- Investment grade (IG) and high yield (HY) credit spreads marginally widened over the quarter.
- The Evergrande credit situation resulted in a selloff across select emerging market debt. In general, spreads remain at historic tights.

Sources: Federal Reserve Economic Data, World Bank, U.S. Treasury Department, Barclays

# **Market Environment as of September 30, 2021**

# Spleid bedolevol 1 \*\*Canada Ish Australia Uk Italy Creece Shair France Bahar Canada \*\*Connect a 3-Mo. Ago 12-Mo. Ago



#### Fixed Income

- Developed sovereign bond yields marginally increased over the quarter. Countries that faced inflation concerns and hawkish central bank signaling saw long-term yields rise higher than others.
- Emerging markets (EM) sovereign debt also experienced higher rates given the Evergrande situation.
- EM currencies underperformed in the third quarter as the U.S. Fed signaled a decrease in policy support, causing the dollar to appreciate relative to most EM currencies.

Source: Bloomberg





#### Goals

- Are clients seeking to preserve capital, generate total return, or blend the two within a fixed income segment?
- What level of risk related to portfolio correlation is the client looking to incur?



# Interest Rate & Inflationary Environment

- How does the current interest rate regime and inflationary environment affect return and risk (i.e. stagnant, slow-rise, rapid rise)?
- What level of interest rate volatility is the client willing to take?



### Risk Tolerance

- How much risk is a client willing to take?
- Duration, yield curve positioning, sector exposure, credit exposure, the correlation to equities, and the client's distribution flows are important factors to measure.



# Tax

Considerations

Is the client's status taxable or tax-exempt?

Does the client have a higher threshold given the respective tax situation?



## Time Horizon

- Does the client have short term or long term goals?
- Are spending requirements quarterly, annually, or longer?
- Is spending consistent with the return/risk profile of the portfolio?

# **FIXED INCOME PORTFOLIO**



**CORE** 



**OPPORTUNISTIC** 



# **Characteristics**

- Low volatility
- Uncorrelated to equities
- U.S. Focus



# **Characteristics**

- Income orientated
- Total return focus
- Uncorrelated to core bonds



## **Exposure**

- Treasuries
- Agencies
- Investment grade corporate
- MBS



# **Exposure**

- Non-U.S. developed sovereigns
- EM sovereigns
- High yield
- Bank loans
- Private debt

