FTSE US Municipal Tax-Exempt Investment-Grade Bond Index

Multi-Sector | US Dollar

The FTSE US Municipal Tax-Exempt Investment-Grade Bond Index measures the performance of the investment-grade tax-exempt municipal bond market. The index includes US Dollar-denominated bonds issued by municipalities or other municipal entities domiciled in the US and US territories. General Obligation bonds, Revenue bonds and Double-Barrel bonds that meet the design criteria are included in the composition of the index.

INDEX PROFILE

<table>
<thead>
<tr>
<th>Description</th>
<th># of Issues</th>
<th>Par Amount*</th>
<th>Market Value*</th>
<th>Market Weight (%)</th>
<th>Average Coupon (%)</th>
<th>Average Life (Years)</th>
<th>Yield to Maturity (%)</th>
<th>Effective Duration</th>
<th>OAS (bps)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Municipal Tax-Exempt Investment-Grade (Muni TE IG)</td>
<td>36,462</td>
<td>1,193.38</td>
<td>1,298.14</td>
<td>100.00</td>
<td>4.61</td>
<td>13.78</td>
<td>2.72</td>
<td>5.77</td>
<td>123</td>
</tr>
<tr>
<td>1-3 Years</td>
<td>4,676</td>
<td>126.39</td>
<td>137.45</td>
<td>10.59</td>
<td>4.75</td>
<td>1.90</td>
<td>0.68</td>
<td>1.75</td>
<td>43</td>
</tr>
<tr>
<td>3-5 Years</td>
<td>3,739</td>
<td>104.12</td>
<td>118.96</td>
<td>9.16</td>
<td>4.73</td>
<td>3.87</td>
<td>1.24</td>
<td>3.25</td>
<td>68</td>
</tr>
<tr>
<td>5-7 Years</td>
<td>3,564</td>
<td>97.72</td>
<td>115.41</td>
<td>8.89</td>
<td>4.79</td>
<td>5.87</td>
<td>1.73</td>
<td>4.37</td>
<td>80</td>
</tr>
<tr>
<td>7-10 Years</td>
<td>5,269</td>
<td>135.99</td>
<td>161.84</td>
<td>12.47</td>
<td>4.73</td>
<td>8.42</td>
<td>2.35</td>
<td>5.20</td>
<td>98</td>
</tr>
<tr>
<td>10+ Years</td>
<td>19,214</td>
<td>675.17</td>
<td>764.48</td>
<td>58.89</td>
<td>4.51</td>
<td>19.76</td>
<td>3.54</td>
<td>7.22</td>
<td>157</td>
</tr>
<tr>
<td>General Obligation (GO)</td>
<td>12,212</td>
<td>329.05</td>
<td>377.80</td>
<td>29.10</td>
<td>4.54</td>
<td>11.18</td>
<td>2.28</td>
<td>5.24</td>
<td>93</td>
</tr>
<tr>
<td>Revenue</td>
<td>24,250</td>
<td>810.33</td>
<td>920.34</td>
<td>70.90</td>
<td>4.63</td>
<td>14.84</td>
<td>2.90</td>
<td>5.99</td>
<td>135</td>
</tr>
<tr>
<td>Prerefunded</td>
<td>1,608</td>
<td>41.61</td>
<td>45.97</td>
<td>3.54</td>
<td>4.86</td>
<td>2.20</td>
<td>0.25</td>
<td>2.09</td>
<td>7</td>
</tr>
<tr>
<td>Special Tax</td>
<td>2,273</td>
<td>65.14</td>
<td>75.16</td>
<td>5.79</td>
<td>4.64</td>
<td>13.02</td>
<td>2.57</td>
<td>5.18</td>
<td>100</td>
</tr>
</tbody>
</table>

* In USD billions

USE OF PROCEEDS

(Market Weight % of Revenue)

QUALITY (Market Weight % of Muni TE IG)

HISTORICAL INDEX LEVEL (Unhedged)

OPTION ADJUSTED SPREAD*

Index Quality: Index quality is defined to be the rating assigned by Standard and Poor's Financial Services LLC ("S&P") when it exists. If a bond is not rated by S&P but it is rated by Moody’s Investor Service, Inc ("Moody's"), the S&P equivalent of the Moody's rating is assigned. If a bond is split-rated, that is rated investment grade by S&P or Moody's and high yield by the other, index quality is taken to be S&P equivalent of the investment grade rating.

Source: FTSE Russell as of May 31, 2020. Past performance is no guarantee of future results. Returns shown prior to April 15, 2019 reflect hypothetical historical performance. Please see the end for important legal disclosures.
**TOP 10 STATES (By Market Weight)**

<table>
<thead>
<tr>
<th>Description</th>
<th># of Issues</th>
<th>Par Amount*</th>
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<th>OAS (bps)</th>
</tr>
</thead>
<tbody>
<tr>
<td>California</td>
<td>5,061</td>
<td>191.72</td>
<td>219.95</td>
<td>16.94</td>
<td>4.56</td>
<td>14.57</td>
<td>2.65</td>
<td>5.66</td>
<td>97</td>
</tr>
<tr>
<td>New York</td>
<td>4,889</td>
<td>194.00</td>
<td>219.90</td>
<td>16.94</td>
<td>4.66</td>
<td>14.13</td>
<td>2.91</td>
<td>5.86</td>
<td>132</td>
</tr>
<tr>
<td>Texas</td>
<td>3,856</td>
<td>106.00</td>
<td>121.60</td>
<td>9.37</td>
<td>4.55</td>
<td>15.02</td>
<td>2.77</td>
<td>5.60</td>
<td>107</td>
</tr>
<tr>
<td>Illinois</td>
<td>1,414</td>
<td>52.98</td>
<td>56.43</td>
<td>4.35</td>
<td>4.78</td>
<td>13.58</td>
<td>3.82</td>
<td>6.14</td>
<td>259</td>
</tr>
<tr>
<td>Florida</td>
<td>1,939</td>
<td>49.20</td>
<td>55.76</td>
<td>4.30</td>
<td>4.57</td>
<td>14.33</td>
<td>2.74</td>
<td>5.97</td>
<td>120</td>
</tr>
<tr>
<td>Pennsylvania</td>
<td>1,349</td>
<td>45.12</td>
<td>51.67</td>
<td>3.98</td>
<td>4.67</td>
<td>14.19</td>
<td>2.74</td>
<td>6.18</td>
<td>139</td>
</tr>
<tr>
<td>Massachusetts</td>
<td>1,257</td>
<td>40.28</td>
<td>46.81</td>
<td>3.61</td>
<td>4.61</td>
<td>14.39</td>
<td>2.53</td>
<td>5.69</td>
<td>95</td>
</tr>
<tr>
<td>Washington</td>
<td>1,475</td>
<td>35.48</td>
<td>41.51</td>
<td>3.20</td>
<td>4.75</td>
<td>12.40</td>
<td>2.53</td>
<td>5.10</td>
<td>90</td>
</tr>
<tr>
<td>New Jersey</td>
<td>883</td>
<td>38.16</td>
<td>41.30</td>
<td>3.18</td>
<td>4.81</td>
<td>12.48</td>
<td>3.66</td>
<td>6.22</td>
<td>247</td>
</tr>
<tr>
<td>Ohio</td>
<td>1,179</td>
<td>30.99</td>
<td>35.54</td>
<td>2.74</td>
<td>4.55</td>
<td>13.73</td>
<td>2.35</td>
<td>6.11</td>
<td>97</td>
</tr>
</tbody>
</table>

* In USD billions

**DESIGN CRITERIA AND CALCULATION METHODOLOGY**

- **Coupon:** Semi-annual fixed-rate bonds and zero-coupon bonds
- **Currency:** USD
- **Minimum Maturity:** At least one year. The maturity for pre-refunded bonds will be calculated to the pre-refunded date, rather than the stated final maturity date.
- **Minimum Issue Size:** USD 10 million
- **Minimum Deal Size:** USD 75 million at the time of issuance.
- **Minimum Quality:** BBB- by S&P or Baa3 by Moody’s
- **Taxability:** Federally tax-exempt; may be subject to an Alternative Minimum Tax (AMT)
- **Dated Date:** Dated date must be less than two years from date of index entry. Bonds with a dated date prior to December 31, 2010 are not eligible for inclusion. In the event that a bond does not have a dated date, the issue date will be used.
- **Weighting:** Market capitalization
- **Rebalancing:** Once a month on the last business day of the month (pricing as of the last business day of the monthly and settlement as of the last calendar day of the month).
- **Cash Reinvestment Rate:** At daily average of the one-month Eurodeposit rate, calculated from the actual scheduled payment date of the cash flow through the end of the reporting period.
- **Pricing:** Prices are sourced from Refinitiv and are taken as of 4pm (New York time) on the bid side.
- **Calculation Frequency:** Daily
- **Settlement Date:** Monthly; Last calendar day
- **Description:** Daily; Same day settlement except if the last business day of the month is not the last calendar day of the month; then, settlement is on the last calendar day of the month

**Base Date:** December 31, 2012

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**VENDOR CODES**

- Bloomberg SBI <GO>; SSBI <GO>