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Bond rating equivalence

Alpha and/or numeric symbols used to give indications of relative credit quality. In the municipal market, these designations are published by the rating services. Internal ratings are also used by other market participants to indicate credit quality.

Rating agencies Bond credit quality ratings Credit risk Moody's1 Standard and Poor's² Fitch Ratings² **Investment Grade Highest quality** Aaa AAA AAA High quality (very strong) Aa AA AA Upper medium grade (Strong) A А A BBB BBB Medium grade Baa Not Investment Grade Lower medium grade (somewhat speculative) Ba BB BB Low grade (speculative) В В В Poor quality (may default) Caa CCC 000 СС Most speculative Ca CC С D С No interest being paid or bankruptcy petition filed In default С D D

1 The ratings from Aa to Ca by Moody's may be modified by the addition of a 1, 2, or 3 to show relative standing within the category. 2 The ratings from AA to CC by Standard and Poor's and Fitch Ratings may be modified by the addition of a plus or a minus to show relative standing

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Additionally, the underlying collateral supporting non-Agency MBS may default on principal and interest payments. In certain cases, this could cause the income stream of the security to decline and result in loss of principal. Further, an insufficient level of credit support may result in a downgrade of a mortgage bond's credit rating and lead to a higher probability of principal loss and increased price volatility. Investment s in subordinated MBS involve greater credit risk of default than the senior classes of the same issue. Default risk may be pronounced in cases where the MBS security is secured by, or evidencing an interest in, a relatively small or less diverse pool of underlying mortgage loans.

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