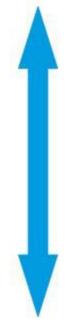
Moody's Long-Term Debt Rating Scale

L	.owest
	Risk



Highest Risk

Aaa	Obligations rated Aaa are judged to be of the highest quality, with minimal credit risk.
Aa	Obligations rated Aa are judged to be of high quality and are subject to very low credit risk.
Α	Obligations rated A are considered upper-medium grade and are subject to low credit risk.
Baa	Obligations rated Baa are subject to moderate credit risk. They are considered medium grade and as such may possess certain speculative characteristics.
Ва	Obligations rated Ba are judged to have speculative and are subject to high credit risk.
В	Obligations rated B are considered speculative and are subject to high credit risk.
Caa	Obligations rated Caa are judged to be of poor standing and are subject to very high credit risk.
Ca	Obligations rated Ca are highly speculative and are likely in, or very near, default, with some prospect of recovery of principal and interest.
С	Obligations rated C are the lowest rated class and are typically in default, with little prospect for recovery of principal or interest.
Motor Ma	adula annunda numarias I madifican 4.3 and 3 to each manaria rating antegon, from As through Cos. The

Investment Grade

Speculative Grade

Note: Moody's appends numerical modifiers 1,2, and 3 to each generic rating category from Aa through Caa. The modifier 1 indicates that the issuer or obligation ranks in the higher end of its generic rating category; the modifier 2 indicates a mid-range ranking; and the modifier 3 indicates a ranking in the lower end of that generic rating category.