

	MOODY'S INVESTORS SERVICE	FitchRatings	S&P Global Ratings	Rating Grade Description
Investment Grade	Aaa	AAA	AAA	Highest credit quality, lowest level of credit risk
	Aa1	AA+	AA+	Very high credit quality with very low credit risk
	Aa2	AA	AA	
	Aa3	AA-	AA-	
	A1	A+	A+	High credit quality with low credit risk
	A2	A	A	
	A3	A-	A-	
	Baa1	BBB+	BBB+	Good credit quality with moderate credit risk
	Baa2	BBB	BBB	
Baa3	BBB-	BBB-		
Speculative Grade	Ba1	BB+	BB+	Speculative with substantial credit risk
	Ba2	BB	BB	
	Ba3	BB-	BB-	
	B1	B+	B+	Highly speculative with high credit risk
	B2	B	B	
	B3	B-	B-	
	Caa1	CCC+	CCC+	Substantial credit risk with default as a real possibility
	Caa2	CCC	CCC	
	Caa3	CCC-	CCC-	
	Ca	CC	CC	Very high levels of credit risk with default either occurring or about to occur
	C	C	C	Default or default-like process has begun
	SD	RD	Selective Default (SD): Issuers have defaulted on one or more specific issues but are expected to meet their other payment obligations. Restricted Default (RD): Issuers have missed one or more payments but are not under supervision for reorganization or liquidation.	
	D	D	Default: Issuers are unlikely to pay their obligations and have likely entered into bankruptcy filings, administration, receivership, liquidation or other formal winding-up procedures.	

