### DATA REPORT

Moody's

ANALYTICS

11 March 2021

**CLIENT SERVICES** 

Americas

Asia Pacific

Japan

EMEA

# Cross-Sector Market Data Highlights

The latest market data from Weekly Market Outlook. Click here for access to the full WMO.

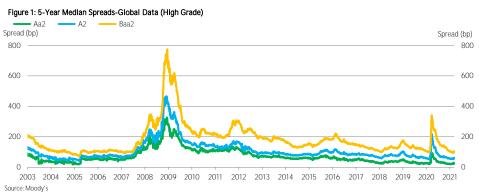
#### **SPREADS**

1-212-553-1653

852-3551-3077

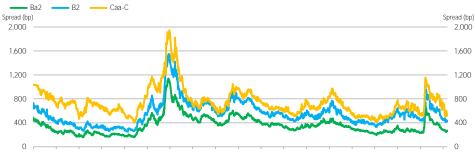
81-3-5408-4100

44-20-7772-5454



Surce. moody 5

#### Figure 2: 5-Year Median Spreads-Global Data (High Yield)



2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 Source: Moody's

Moody's Analytics markets and distributes all Moody's Capital Markets Research, Inc. materials. Moody's Capital Markets Research, Inc. is a subsidiary of Moody's Corporation. Moody's Analytics does not provide investment advisory services or products. For further detail, please see the last page.

#### **CDS MOVERS**

Figure 3. CDS Movers - US (March 3, 2021 – March 10, 2021)

CDS Implied Rating Rises	CDS Impli	CDS Implied Ratings		
Issuer	Mar. 10	Mar. 3	Senior Ratings	
Murphy Oil Corporation	B3	Caa2	Ba3	
International Business Machines Corporation	Aa3	A1	A2	
Coca-Cola Company (The)	Aa1	Aa2	A1	
3M Company	Aa2	Aa3	A1	
Chevron Corporation	Aa3	A1	Aa2	
NextEra Energy Capital Holdings, Inc.	A1	A2	Baa1	
Tyson Foods, Inc.	Baa1	Baa2	Baa2	
Kroger Co. (The)	Baa1	Baa2	Baa1	
Duke Energy Carolinas, LLC	Aaa	Aa1	A1	
Entergy Corporation	Aa2	Aa3	Baa2	

CDS Implied Rating Declines	CDS Impli	CDS Implied Ratings		
Issuer	Mar. 10	Mar. 3	Senior Ratings	
Bank of New York Mellon Corporation (The)	A2	Aa2	A1	
Southern Company (The)	A2	Aa3	Baa2	
JPMorgan Chase Bank, N.A.	A1	Aa3	Aa2	
American Express Credit Corporation	A1	Aa3	A2	
Exxon Mobil Corporation	A1	Aa3	Aa1	
Occidental Petroleum Corporation	B2	B1	Ba2	
Amazon.com, Inc.	A1	Aa3	A2	
Raytheon Technologies Corporation	A2	A1	Baa1	
FedEx Corporation	Baa2	Baa1	Baa2	
Tenet Healthcare Corporation	B3	B2	Caa1	

CDS Spread Increases	-		CDS Spreads	
Issuer	Senior Ratings	Mar. 10	Mar. 3	Spread Diff
Talen Energy Supply, LLC	B3	1,032	891	141
American Airlines Group Inc.	Caa1	926	861	65
Carnival Corporation	B2	422	372	49
Royal Caribbean Cruises Ltd.	B2	494	459	36
Rite Aid Corporation	Caa3	617	583	34
United Airlines Holdings, Inc.	Ba3	413	381	32
Olin Corporation	Ba3	213	190	23
Pactiv Corporation	Caa1	351	329	22
Delta Air Lines, Inc.	Baa3	290	268	21
OneMain Finance Corporation	Ba3	244	224	20

CDS Spread Decreases	_		CDS Spreads	
Issuer	Senior Ratings	Mar. 10	Mar. 3	Spread Diff
Murphy Oil Corporation	Ba3	341	427	-86
Pitney Bowes Inc.	B1	409	454	-45
Gap, Inc. (The)	Ba3	166	198	-32
K. Hovnanian Enterprises, Inc.	Caa3	653	679	-26
Nabors Industries, Inc.	Caa2	854	874	-20
Baker Hughes Holdings LLC	A3	103	117	-14
Apache Corporation	Ba1	250	262	-13
General Electric Company	Baa1	79	90	-11
Calpine Corporation	B2	299	309	-10
Unisys Corporation	Caa1	169	178	-8

Source: Moody's, CMA

#### Figure 4. CDS Movers - Europe (March 3, 2021 - March 10, 2021)

CDS Implied Rating Rises	CDS Impli	CDS Implied Ratings		
Issuer	Mar. 10	Mar. 3	Senior Ratings	
Italy, Government of	Baa2	Baa3	Baa3	
Spain, Government of	Aa1	Aa2	Baa1	
Banco Bilbao Vizcaya Argentaria, S.A.	Aa2	Aa3	A3	
ING Groep N.V.	Aa2	Aa3	Baa1	
UniCredit Bank AG	Aaa	Aa1	A2	
Equinor ASA	Aaa	Aa1	Aa2	
British Telecommunications Plc	Baa2	Baa3	Baa2	
Raiffeisen Bank International AG	Aa3	A1	A3	
FCE Bank plc	Ba2	Ba3	Ba2	
Bayer AG	A3	Baa1	Baa1	

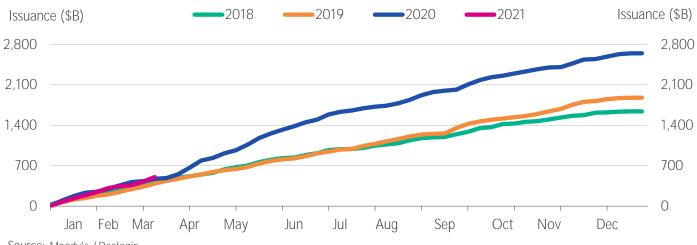
CDS Implied Rating Declines	CDS Impli	CDS Implied Ratings		
Issuer	Mar. 10	Mar. 3	Senior Ratings	
National Grid plc	A1	Aa2	Baa2	
Banque Federative du Credit Mutuel	A3	A2	Aa3	
Electricite de France	Baa1	A3	A3	
Vodafone Group Plc	Baa1	A3	Baa2	
Standard Chartered PLC	A3	A2	A2	
Iberdrola International B.V.	A1	Aa3	Baa1	
EDP - Energias de Portugal, S.A.	Baa1	A3	Baa3	
EnBW Energie Baden-Wuerttemberg AG	Aa1	Aaa	A3	
Experian Finance plc	Aa2	Aa1	Baa1	
United Utilities Water Limited	A3	A2	A3	

CDS Spread Increases				
Issuer	Senior Ratings	Mar. 10	Mar. 3	Spread Diff
Vedanta Resources Limited	Caa1	905	829	77
Novafives S.A.S.	Caa2	819	779	40
Piraeus Financial Holdings S.A.	Caa3	539	499	39
Boparan Finance plc	Caa1	676	640	36
TUIAG	Caa1	710	675	35
Telecom Italia S.p.A.	Ba2	177	166	11
Casino Guichard-Perrachon SA	Caa1	525	514	11
Vue International Bidco plc	Са	625	614	11
METRO Finance B.V.	Ba1	81	73	9
Avon Products, Inc.	Ba3	236	227	9

CDS Spread Decreases			CDS Spreads	
Issuer	Senior Ratings	Mar. 10	Mar. 3	Spread Diff
CMA CGM S.A.	B3	381	411	-30
Stena AB	Caa1	619	648	-29
Norddeutsche Landesbank GZ	A3	68	86	-17
Novo Banco, S.A.	Caa2	166	180	-14
Jaguar Land Rover Automotive Plc	B1	352	361	-9
Deutsche Lufthansa Aktiengesellschaft	Ba2	279	284	-5
Hammerson Plc	Baa3	281	285	-4
Italy, Government of	Baa3	68	71	-3
Spain, Government of	Baa1	30	33	-3
Portugal, Government of	Baa3	28	30	-2
Source: Moody's, CMA				

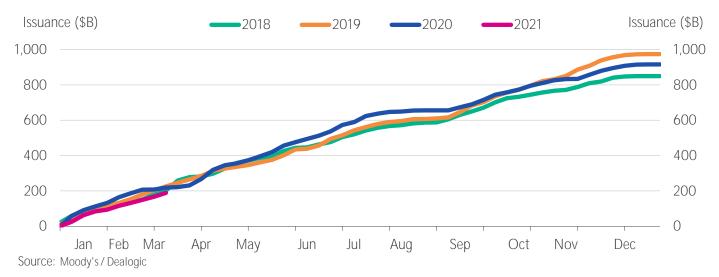
#### **ISSUANCE**

Figure 5. Market Cumulative Issuance - Corporate & Financial Institutions: USD Denominated



Source: Moody's / Dealogic

## Figure 6. Market Cumulative Issuance - Corporate & Financial Institutions: Euro Denominated



## Figure 7. Issuance: Corporate & Financial Institutions

		USD Denominated				
	Investment-Grade	High-Yield	Total*			
	Amount \$B	Amount \$B	Amount \$B			
Weekly	66.675	13.615	81.010			
Year-to-Date	342.389	146.897	502.855			

	Euro Denominated				
	Investment-Grade	High-Yield	Total*		
	Amount \$B	Amount \$B	Amount \$B		
Weekly	18.984	1.207	21.429		
Year-to-Date	153.005	30.399	188.763		

\* Difference represents issuance with pending ratings.

Source: Moody's/ Dealogic

### EMERGING MARKET CREDIT SPREADS

### Figure 8. Emerging Market Median OAS

Emerging Market		Median	Spreads			Bond (	Counts	
Duration	Α	Baa	Ba	В	Α	Baa	Ba	В
>=1 and <3	62	108	260	435	72	135	52	46
>=3 and <5	90	130	303	461	65	123	52	49
>=5 and <7	105	166	355	526	49	92	30	20
>=7	125	228	401	590	127	214	55	40
Emerging Market Sovereign	Median Spreads				Bond (	Counts		
Duration	Α	Baa	Ba	В	Α	Baa	Ba	В
>=1 and <3	37	77	161	415	16	35	14	19
>=3 and <5	44	92	225	456	16	35	23	28
>=5 and <7	85	142	286	540	17	35	20	18
>=7	69	211	391	584	79	112	46	39
Emerging Market Corporate		Median	Spreads			Bond (	Counts	
Duration	Α	Baa	Ba	В	Α	Baa	Ba	В
>=1 and <3	72	126	301	453	56	100	38	27
>=3 and <5	91	154	343	512	49	88	29	21
>=5 and <7	121	198	414	321	32	57	10	2
>=7	150	253	596	653	48	102	9	1
Source: Moody's								

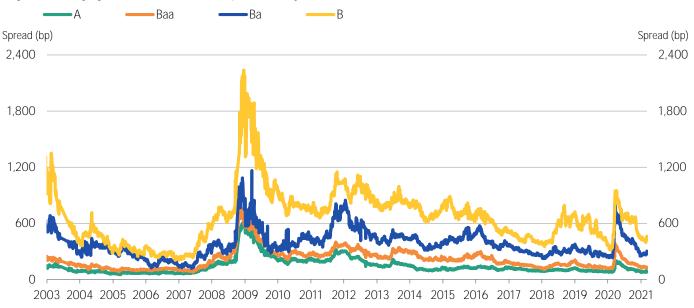


Figure 9: Emerging Markets Median Credit Spreads (3-5 year duration)

Source: Moody's

### MEDIAN CREDIT SPREADS

Figure 10. Global Financial Institutions Median Credit Spreads

			N	ledian Spread	ds		
Duration	Aaa	Aa	Α	Baa	Ba	В	Caa
>=1 and <3	5	24	42	75	244	446	641
>=3 and <5	9	31	58	109	265	510	542
>=5 and <7	21	29	73	138	316	340	466
>=7	26	39	20	168	245	396	396
				Debt Counts			
Duration	Aaa	Aa	Α	Baa	Ba	В	Caa
>=1 and <3	360	294	426	293	74	25	4
>=3 and <5	222	226	364	305	67	15	2
>=5 and <7	118	139	220	147	18	4	1
>=7	134	259	769	250	15	1	2
				Issuer Counts	S		
Duration	Aaa	Aa	Α	Baa	Ba	В	Caa
>=1 and <3	24	84	166	160	46	24	4
>=3 and <5	29	78	153	168	40	13	2
>=5 and <7	26	62	103	88	13	4	1
>=7	31	89	153	115	12	1	1

Source: Moody's

Cross-Sector: Market Data Highlights

#### Figure 11. Global Corporate Median Credit Spreads

			Ν	Aedian Spread	ds		
Duration	Aaa	Aa	Α	Baa	Ba	В	Caa
>=1 and <3	16	32	39	60	266	436	572
>=3 and <5	28	43	54	79	288	424	599
>=5 and <7	20	50	69	104	297	357	563
>=7	48	98	116	160	306	410	515
				Debt Counts			
Duration	Aaa	Aa	Α	Baa	Ba	В	Caa
>=1 and <3	46	137	530	880	305	200	50
>=3 and <5	33	134	507	984	294	226	75
>=5 and <7	23	95	421	841	172	100	22
>=7	43	280	1518	2032	219	42	9
				Issuer Counts	5		
Duration	Aaa	Aa	А	Baa	Ba	В	Caa
>=1 and <3	11	56	262	510	220	162	46
>=3 and <5	7	52	264	560	192	182	67
>=5 and <7	10	40	231	487	120	87	22
>=7	7	55	349	599	101	25	7

Source: Moody's

### **MEDIAN 5-YEAR CDS SPREADS**

Figure 12. Global Median CDS Spreads By Rating Category

Global Median Spreads by Fine	Rating Ca	tegory							
	Aaa	Aa1	Aa2	Aa3	A1	A2	A3	Baa1	Baa2
	19	26	37	38	40	41	46	51	57
		Baa3	Ba1	Ba2	Ba3	B1	B2	<b>B3</b>	Caa
		83	120	174	209	250	299	343	548
Global Median Spreads by Broa	d Rating C	ategory							
	Aaa	Aa	Α	Baa	Ba	В	Caa		
	23	37	41	57	174	299	452		
Global Issuer Counts by Broad F	Rating Cat	egory							
	Aaa	Aa	Α	Baa	Ba	В	Caa		
	9	54	169	347	100	46	30	-	
Source: Moody's, CMA									

### Figure 13. Median CDS Spreads By Region

Region		Median CDS Spreads						
	Aaa	Aa	Α	Baa	Ba	В	Caa	
North America	23	36	41	63	163	289	437	
Europe	9	26	39	52	142	245	532	
Asia Pacific (ex.Japan)	16	24	38	64	159	364	-	
Japan	-	-	23	26	48	66	-	

Region		Issuer Counts						
	Aaa	Aa	Α	Baa	Ba	В	Caa	
North America	3	20	85	210	61	33	14	
Europe	6	34	79	125	28	10	14	
Asia Pacific (ex.Japan)	3	18	31	35	5	2	-	
Japan	-	-	34	14	3	1	-	

Source: Moody's, CMA

## Figure 14. Global Median CDS Spreads by Sector

		Median CDS Spreads						
Sector	Aaa	Aa	Α	Baa	Ba	В	Caa	
Corporates	24	30	37	59	163	263	571	
Financials	10	26	40	60	162	407	310	
Sovereigns	10	12	38	50	102	407	-	
Banks	-	26	40	60	201	-	197	

	Issuer Counts						
Aaa	Aa	А	Baa	Ba	В	Caa	
4	25	150	329	89	48	24	
8	47	84	67	19	1	6	
-	35	53	29	10	-	5	
8	6	4	6	3	1	-	
	4 8 -	4 25   8 47   - 35	AaaAa425847-3553	AaaAaA4251503298478467-355329	AaaAaABaaBaa42515032989847846719-35532910	AaaAaAaBaaBaB42515032989488478467191-35532910-	

Source: Moody's, CMA

# Figure 15. Global Financial Institutions Median CDS Spreads by Region

Region			Medi	an CDS Sp	reads		
	Aaa	Aa	Α	Baa	Ba	В	Caa
North America	11	44	46	71	185	-	629
Europe	10	26	41	59	126	-	197
Asia Pacific (ex.Japan)	16	23	40	64	105	407	-
Japan	-	-	27	39	-	-	-

Region		Issuer Counts						
	Aaa	Aa	Α	Baa	Ba	В	Caa	
North America	1	8	22	24	7	-	1	
Europe	5	26	38	27	6	-	5	
Asia Pacific (ex.Japan)	2	13	13	12	3	1	-	
Japan	-	-	11	2	-	-	-	

Source: Moody's, CMA

Figure 16. Global Corporates Median CDS Spreads by Region

		Median CDS Spreads						
Region	Aaa	Aa	Α	Baa	Ba	В	Caa	
North America	24	33	39	61	162	289	424	
Europe	9	25	37	50	145	245	625	
Asia Pacific (ex.Japan)	28	29	38	64	161	322	-	
Japan	-	-	23	25	48	66	-	

Region		Issuer Counts							
	Aaa	Aa	Α	Baa	Ba	В	Caa		
North America	2	12	63	186	54	33	13		
Europe	1	8	41	98	22	10	9		
Asia Pacific (ex.Japan)	1	5	18	23	2	1	-		
Japan	-	-	23	12	3	1	-		

Source: Moody's, CMA

© 2021 Moody's Corporation, Moody's Investors Service, Inc., Moody's Analytics, Inc. and/or their licensors and affiliates (collectively, "MOODY'S"). All rights reserved. CREDIT RATINGS ISSUED BY MOODY'S CREDIT RATINGS AFFILIATES ARE THEIR CURRENT OPINIONS OF THE RELATIVE FUTURE CREDIT RISK OF ENTITIES, CREDIT COMMITMENTS, OR DEBT-LIKE SECURITIES, AND MATERIALS, PRODUCTS, SERVICES AND INFORMATION PUBLISHED BY MOODY'S (COLLECTIVELY, "PUBLICATIONS") MAY INCLUDE SUCH CURRENT OPINIONS. MOODY'S DEFINES CREDIT RISK AS THE RISK THAT AN ENTITY MAY NOT MEET ITS CONTRACTUAL FINANCIAL OBLIGATIONS AS THEY COME DUE AND ANY ESTIMATED FINANCIAL LOSS IN THE EVENT OF DEFAULT OR IMPAIRMENT. SEE APPLICABLE MOODY'S RATING SYMBOLS AND DEFINITIONS PUBLICATION FOR INFORMATION ON THE TYPES OF CONTRACTUAL FINANCIAL OBLIGATIONS ADDRESSED BY MOODY'S CREDIT RATINGS. CREDIT RATINGS DO NOT ADDRESS ANY OTHER RISK, INCLUDING BUT NOT LIMITED TO: LIQUIDITY RISK, MARKET VALUE RISK, OR PRICE VOLATILITY. CREDIT RATINGS, NON-CREDIT ASSESSMENTS ("ASSESSMENTS"), AND OTHER OPINIONS INCLUDED IN MOODY'S PUBLICATIONS ARE NOT STATEMENTS OF CURRENT OR HISTORICAL FACT. MOODY'S PUBLICATIONS MAY ALSO INCLUDE QUANTITATIVE MODEL-BASED ESTIMATES OF CREDIT RISK AND RELATED OPINIONS OR COMMENTARY PUBLISHED BY MOODY'S ANALYTICS. INC. AND/OR ITS AFFILIATES. MOODY'S CREDIT RATINGS. ASSESSMENTS. OTHER OPINIONS AND PUBLICATIONS DO NOT CONSTITUTE OR PROVIDE INVESTMENT OR FINANCIAL ADVICE, AND MOODY'S CREDIT RATINGS, ASSESSMENTS, OTHER OPINIONS AND PUBLICATIONS ARE NOT AND DO NOT PROVIDE RECOMMENDATIONS TO PURCHASE, SELL, OR HOLD PARTICULAR SECURITIES. MOODY'S CREDIT RATINGS. ASSESSMENTS, OTHER OPINIONS AND PUBLICATIONS DO NOT COMMENT ON THE SUITABILITY OF AN INVESTMENT FOR ANY PARTICULAR INVESTOR. MOODY'S ISSUES ITS CREDIT RATINGS, ASSESSMENTS AND OTHER OPINIONS AND PUBLISHES ITS PUBLICATIONS WITH THE EXPECTATION AND UNDERSTANDING THAT EACH INVESTOR WILL. WITH DUE CARE. MAKE ITS OWN STUDY AND EVALUATION OF EACH SECURITY THAT IS UNDER CONSIDERATION FOR PURCHASE. HOLDING. OR SALE.

MOODY'S CREDIT RATINGS, ASSESSMENTS, OTHER OPINIONS, AND PUBLICATIONS ARE NOT INTENDED FOR USE BY RETAIL INVESTORS AND IT WOULD BE RECKLESS AND INAPPROPRIATE FOR RETAIL INVESTORS TO USE MOODY'S CREDIT RATINGS, ASSESSMENTS, OTHER OPINIONS OR PUBLICATIONS WHEN MAKING AN INVESTMENT DECISION. IF IN DOUBT YOU SHOULD CONTACT YOUR FINANCIAL OR OTHER PROFESSIONAL ADVISER.

ALL INFORMATION CONTAINED HEREIN IS PROTECTED BY LAW, INCLUDING BUT NOT LIMITED TO, COPYRIGHT LAW, AND NONE OF SUCH INFORMATION MAY BE COPIED OR OTHERWISE REPRODUCED, REPACKAGED, FURTHER TRANSMITTED, TRANSFERRED, DISSEMINATED, REDISTRIBUTED OR RESOLD, OR STORED FOR SUBSEQUENT USE FOR ANY SUCH PURPOSE, IN WHOLE OR IN PART, IN ANY FORM OR MANNER OR BY ANY MEANS WHATSOEVER, BY ANY PERSON WITHOUT MOODY'S PRIOR WRITTEN CONSENT.

MOODY'S CREDIT RATINGS, ASSESSMENTS, OTHER OPINIONS AND PUBLICATIONS ARE NOT INTENDED FOR USE BY ANY PERSON AS A BENCHMARK AS THAT TERM IS DEFINED FOR REGULATORY PURPOSES AND MUST NOT BE USED IN ANY WAY THAT COULD RESULT IN THEM BEING CONSIDERED A BENCHMARK.

All information contained herein is obtained by MOODY'S from sources believed by it to be accurate and reliable. Because of the possibility of human or mechanical error as well as other factors, however, all information contained herein is provided "AS IS" without warranty of any kind. MOODY'S adopts all necessary measures so that the information it uses in assigning a credit rating is of sufficient quality and from sources MOODY'S considers to be reliable including, when appropriate, independent third-party sources. However, MOODY'S is not an auditor and cannot in every instance independently verify or validate information received in the rating process or in preparing its Publications.

To the extent permitted by law, MOODY'S and its directors, officers, employees, agents, representatives, licensors and suppliers disclaim liability to any person or entity for any indirect, special, consequential, or incidental losses or damages whatsoever arising from or in connection with the information contained herein or the use of or inability to use any such information, even if MOODY'S or any of its directors, officers, employees, agents, representatives, licensors or suppliers is advised in advance of the possibility of such losses or damages, including but not limited to: (a) any loss of present or prospective profits or (b) any loss or damage arising where the relevant financial instrument is not the subject of a particular credit rating assigned by MOODY'S.

To the extent permitted by law, MOODY'S and its directors, officers, employees, agents, representatives, licensors and suppliers disclaim liability for any direct or compensatory losses or damages caused to any person or entity, including but not limited to by any negligence (but excluding fraud, willful misconduct or any other type of liability that, for the avoidance of doubt, by law cannot be excluded) on the part of, or any contingency within or beyond the control of, MOODY'S or any of its directors, officers, employees, agents, representatives, licensors or suppliers, arising from or in connection with the information contained herein or the use of or inability to use any such information.

NO WARRANTY, EXPRESS OR IMPLIED, AS TO THE ACCURACY, TIMELINESS, COMPLETENESS, MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OF ANY CREDIT RATING, ASSESSMENT, OTHER OPINION OR INFORMATION IS GIVEN OR MADE BY MOODY'S IN ANY FORM OR MANNER WHATSOEVER.

Moody's Investors Service, Inc., a wholly-owned credit rating agency subsidiary of Moody's Corporation ("MCO"), hereby discloses that most issuers of debt securities (including corporate and municipal bonds, debentures, notes and commercial paper) and preferred stock rated by Moody's Investors Service, Inc. have, prior to assignment of any credit rating, agreed to pay to Moody's Investors Service, Inc. for credit rating opinions and services rendered by it fees ranging from \$1,000 to approximately \$5,000,000. MCO and Moody's Investors Service also maintain policies and produces to address the independence of Moody's Investors Service credit ratings and credit rating processes. Information regarding certain affiliations that may exist between directors of MCO and rated entities, and between entities who hold credit ratings from Moody's Investors Service and have also publicly reported to the SEC an ownership interest in MCO of more than 5%, is posted annually at <u>www.moodys.com</u> under the heading "Investor Relations — Corporate Governance — Director and Shareholder Affiliation Policy."

Additional terms for Australia only: Any publication into Australia of this document is pursuant to the Australian Financial Services License of MOODY'S affiliate, Moody's Investors Service Pty Limited ABN 61 003 399 657AFSL 336969 and/or Moody's Analytics Australia Pty Ltd ABN 94 105 136 972 AFSL 383569 (as applicable). This document is intended to be provided only to "wholesale clients" within the meaning of section 761G of the Corporations Act 2001. By continuing to access this document from within Australia, you represent to MOODY'S that you are, or are accessing the document as a representative of, a "wholesale client" and that neither you nor the entity you represent will directly or indirectly disseminate this document or its contents to "retail clients" within the meaning of section 761G of the Corporations Act 2001. MOODY'S credit rating is an opinion as to the creditworthiness of a debt obligation of the issuer, not on the equity securities of the issuer or any form of security that is available to retail investors.

Additional terms for Japan only: Moody's Japan K.K. ("MJKK") is a wholly-owned credit rating agency subsidiary of Moody's Group Japan G.K., which is wholly-owned by Moody's Overseas Holdings Inc., a wholly-owned subsidiary of MCO. Moody's SF Japan K.K. ("MSFJ") is a wholly-owned credit rating agency subsidiary of MJKK. MSFJ is not a Nationally Recognized Statistical Rating Organization ("NRSRO"). Therefore, credit ratings assigned by MSFJ are Non-NRSRO Credit Ratings. Non-NRSRO Credit Ratings are assigned by an entity that is not a NRSRO and, consequently, the rated obligation will not qualify for certain types of treatment under U.S. laws. MJKK and MSFJ are credit rating agencies registered with the Japan Financial Services Agency and their registration numbers are FSA Commissioner (Ratings) No. 2 and 3 respectively.

MJKK or MSFJ (as applicable) hereby disclose that most issuers of debt securities (including corporate and municipal bonds, debentures, notes and commercial paper) and preferred stock rated by MJKK or MSFJ (as applicable) have, prior to assignment of any credit rating, agreed to pay to MJKK or MSFJ (as applicable) for credit ratings opinions and services rendered by it fees ranging from JPY125,000 to approximately JPY550,000,000.

MJKK and MSFJ also maintain policies and procedures to address Japanese regulatory requirements.

REPORT NUMBER 1271329

#### **CLIENT SERVICES**

Americas	1-212-553-1653
Asia Pacific	852-3551-3077
Japan	81-3-5408-4100
EMEA	44-20-7772-5454

