

DATA REPORT

28 January 2021

CLIENT SERVICES

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

Cross-Sector

Market Data Highlights

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

SPREADS

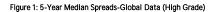
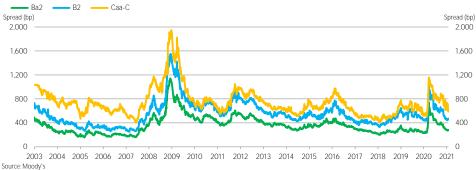




Figure 2: 5-Year Median Spreads-Global Data (High Yield)



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 (January 20, 2021 – January 27, 2021)

CDS Implied Rating Rises	CDS Impli	_	
Issuer	Jan. 27	Jan. 20	Senior Ratings
WEC Energy Group, Inc.	Aa3	Baa3	Baa1
Colgate-Palmolive Company	Aa1	A1	Aa3
American Express Credit Corporation	Aa2	A1	A2
D.R. Horton, Inc.	A1	A3	Baa2
Pitney Bowes Inc.	В3	Caa2	B1
Comcast Corporation	Aa2	Aa3	A3
Microsoft Corporation	Aaa	Aa1	Aaa
Oracle Corporation	Aa1	Aa2	А3
PepsiCo, Inc.	Aa2	Aa3	A1
Walt Disney Company (The) (Old)	Aaa	Aa1	A2

CDS Implied Rating Declines	CDS Impli	CDS Implied Ratings		
Issuer	Jan. 27	Jan. 20	Senior Ratings	
Murphy Oil Corporation	Caa3	В3	Ва3	
Occidental Petroleum Corporation	Caa1	B2	Ba2	
Apache Corporation	В3	B1	Ba1	
JPMorgan Chase & Co.	A2	A1	A2	
Wells Fargo & Company	Baa2	Baa1	A2	
Goldman Sachs Group, Inc. (The)	Baa2	Baa1	A3	
Morgan Stanley	Baa1	A3	A2	
John Deere Capital Corporation	A3	A2	A2	
CVS Health Corporation	Baa2	Baa1	Baa2	
International Business Machines Corporation	A3	A2	A2	

CDS Spread Increases	_		CDS Spreads	
Issuer	Senior Ratings	Jan. 27	Jan. 20	Spread Diff
Murphy Oil Corporation	Ba3	562	346	216
Talen Energy Supply, LLC	B3	1,129	1,025	104
Occidental Petroleum Corporation	Ba2	420	319	102
Apache Corporation	Ba1	356	257	99
United States Steel Corporation	Caa2	543	458	85
United Airlines Holdings, Inc.	Ba3	649	595	54
Carnival Corporation	B2	579	526	53
Nabors Industries, Inc.	Caa2	1,495	1,448	48
R.R. Donnelley & Sons Company	B3	588	542	46
Staples, Inc.	B3	709	666	43

CDS Spread Decreases		CDS Spreads			
Issuer	Senior Ratings	Jan. 27	Jan. 20	Spread Diff	
Rite Aid Corporation	Caa3	558	649	-92	
Pitney Bowes Inc.	B1	357	422	-65	
Lumen Technologies, Inc.	B2	231	274	-43	
WEC Energy Group, Inc.	Baa1	41	80	-39	
Dillard's, Inc.	Baa3	254	289	-35	
Qwest Corporation	Ba2	128	151	-24	
Western Union Company (The)	Baa2	105	127	-22	
Avis Budget Car Rental, LLC	B3	399	419	-21	
Beazer Homes USA, Inc.	B3	255	276	-21	
Nissan Motor Acceptance Corporation	Baa3	197	215	-18	

Source: Moody's, CMA

Figure 4. CDS Movers - Europe (January 20, 2021 – January 27, 2021)

CDS Implied Rating Rises	CDS Impl	_	
Issuer	Jan. 27	Jan. 20	Senior Ratings
Proximus SA de droit public	Aa3	А3	A1
Nationwide Building Society	Aa2	A1	A1
Iberdrola International B.V.	Aa2	A1	Baa1
Elisa Corporation	Aa2	A1	Baa2
Spain, Government of	Aa3	A1	Baa1
Rabobank	Aaa	Aa1	Aa3
Barclays Bank PLC	Baa1	Baa2	A1
Societe Generale	Aa1	Aa2	A1
BNP Paribas	Aa1	Aa2	Aa3
Banco Bilbao Vizcaya Argentaria, S.A.	Aa2	Aa3	A3

CDS Implied Rating Declines	CDS Impli	CDS Implied Ratings			
Issuer	Jan. 27	Jan. 20	Senior Ratings		
Electricite de France	A2	Aa3	А3		
FCE Bank plc	Ba2	Baa3	Ba2		
Intesa Sanpaolo S.p.A.	Baa3	Baa2	Baa1		
Landesbank Hessen-Thueringen GZ	Baa2	Baa1	Aa3		
Eni S.p.A.	Baa3	Baa2	Baa1		
EDP - Energias de Portugal, S.A.	Baa1	A3	Baa3		
LafargeHolcim Ltd	Baa3	Baa2	Baa2		
Lanxess AG	Baa2	Baa1	Baa2		
Continental AG	Baa3	Baa2	Baa2		
Leonardo S.p.A.	Ba3	Ba2	Ba1		

CDS Spread Increases		CDS Spreads			
Issuer	Senior Ratings	Jan. 27	Jan. 20	Spread Diff	
Stena AB	Caa1	652	532	119	
FCE Bank plc	Ba2	192	90	103	
Novafives S.A.S.	Caa2	885	831	54	
Vedanta Resources Limited	Caa1	1,120	1,073	46	
TUI AG	Caa1	758	712	45	
Boparan Finance plc	Caa1	599	555	44	
Deutsche Lufthansa Aktiengesellschaft	Ba2	327	288	39	
thyssenkrupp AG	B1	234	198	36	
Vue International Bidco plc	Ca	786	752	34	
Rolls-Royce plc	Ba3	306	279	27	

CDS Spread Decreases		CDS Spreads			
Issuer	Senior Ratings	Jan. 27	Jan. 20	Spread Diff	
Ineos Group Holdings S.A.	B2	266	288	-22	
Caixa Geral de Depositos, S.A.	Ba1	95	106	-10	
Casino Guichard-Perrachon SA	Caa1	644	652	-8	
Iceland Bondco plc	Caa2	418	425	-7	
Nokia Oyj	Ba2	113	119	-6	
Sappi Papier Holding GmbH	Ba2	358	364	-6	
Orsted A/S	Baa1	28	32	-4	
Proximus SA de droit public	A1	40	44	-4	
Fresenius SE & Co. KGaA	Baa3	54	57	-3	
Credit Suisse Group AG	Baa1	46	47	-2	

Source: Moody's, CMA

ISSUANCE

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

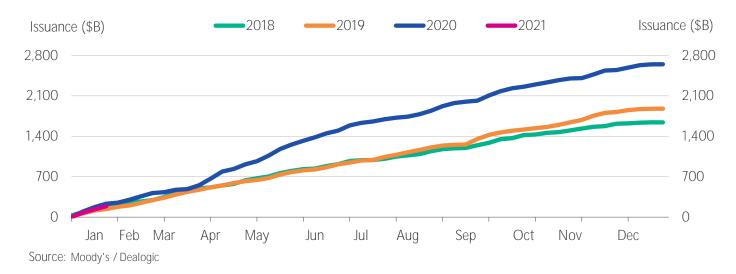


Figure 6. Market Cumulative Issuance - Corporate & Financial Institutions: Euro Denominated

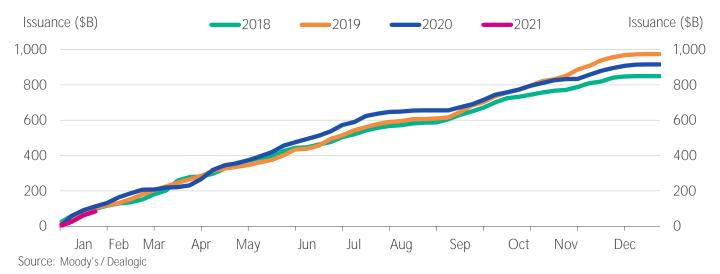


Figure 7. Issuance: Corporate & Financial Institutions

		USD Denominated				
	Investment-Grade	High-Yield	Total*			
	Amount \$B	Amount \$B	Amount \$B			
Weekly	30.815	20.994	54.108			
Year-to-Date	125.072	56.515	188.444			

		Euro Denominated				
	Investment-Grade	High-Yield	Total*			
	Amount \$B	Amount \$B	Amount \$B			
Weekly	18.251	3.137	21.530			
Year-to-Date	70.526	12.807	83.949			

^{*} Difference represents issuance with pending ratings.

Source: Moody's/ Dealogic

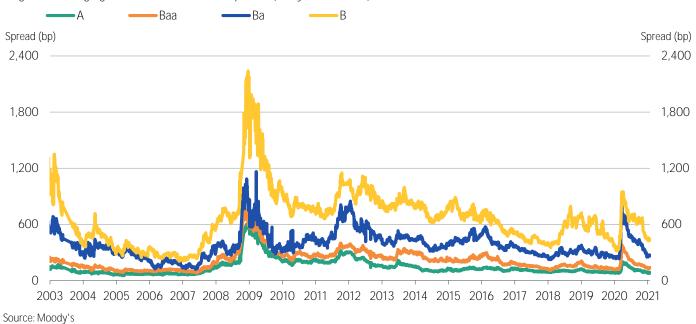
EMERGING MARKET CREDIT SPREADS

Figure 8. Emerging Market Median OAS

Emerging Market		Median	Spreads			Bond (Counts	
Duration	Α	Baa	Ba	В	Α	Baa	Ba	В
>=1 and <3	67	101	289	425	76	131	55	43
>=3 and <5	87	140	264	431	69	127	44	48
>=5 and <7	106	165	334	505	45	93	27	16
>=7	121	216	386	556	118	215	53	34
Emerging Market Sovereign		Median	Spreads			Bond (Counts	
Duration	Α	Baa	Ba	В	Α	Baa	Ba	В
>=1 and <3	32	70	109	345	17	32	16	17
>=3 and <5	49	81	219	426	15	35	21	27
>=5 and <7	90	116	281	511	14	35	19	15
>=7	69	191	368	553	66	111	44	33
Emerging Market Corporate		Median	Spreads			Bond (Counts	
Duration	Α	Baa	Ba	В	Α	Baa	Ba	В
>=1 and <3	76	121	306	511	59	99	39	26
>=3 and <5	96	158	328	515	54	92	23	21
>=5 and <7	115	187	426	312	31	58	8	1
>=7	154	249	609	701	52	104	9	1

Source: Moody's

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



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	7	26	38	71	236	497	502
>=3 and <5	10	35	50	103	272	515	490
>=5 and <7	21	32	69	126	301	351	-
>=7	33	32	50	173	226	302	405
				Debt Counts			
Duration	Aaa	Aa	Α	Baa	Ba	В	Caa
>=1 and <3	388	291	422	305	76	23	5
>=3 and <5	216	173	387	303	68	17	3
>=5 and <7	112	133	199	154	19	2	-
>=7	115	271	628	264	13	1	2
				Issuer Counts	S		
Duration	Aaa	Aa	Α	Baa	Ba	В	Caa
>=1 and <3	25	83	174	165	46	22	5
>=3 and <5	27	70	168	166	39	15	3
>=5 and <7	25	56	94	94	12	2	-
>=7	31	88	158	121	10	1	1

Source: Moody's

Figure 11. Global Corporate Median Credit Spreads

			N	dedian Spread	ds		
Duration	Aaa	Aa	Α	Baa	Ba	В	Caa
>=1 and <3	12	26	34	53	268	396	532
>=3 and <5	26	39	46	69	276	433	592
>=5 and <7	23	53	61	95	301	391	793
>=7	80	107	120	163	325	474	605
				Debt Counts			
Duration	Aaa	Aa	Α	Baa	Ba	В	Caa
>=1 and <3	42	145	551	926	338	269	61
>=3 and <5	33	119	501	996	297	194	62
>=5 and <7	22	87	400	844	159	74	12
>=7	53	284	1488	2030	199	29	8
				Issuer Counts	5		
Duration	Aaa	Aa	Α	Baa	Ba	В	Caa
>=1 and <3	10	57	266	526	241	198	53
>=3 and <5	6	50	264	568	193	150	52
>=5 and <7	7	39	219	481	109	65	11
>=7	8	56	354	590	84	15	6
urce: Moody's							

Source: Moody's

MEDIAN 5-YEAR CDS SPREADS

Figure 12. Global Median CDS Spreads By Rating Category

Global Median Spreads by Fine Rating Category

Aaa	Aa1	Aa2	Aa3	A 1	A2	A3	Baa1	Baa2	
20	28	39	41	42	44	47	51	55	
	Baa3	Ba1	Ba2	Ba3	B1	B2	B3	Caa	
	82	123	184	222	268	323	369	582	

Global Median Spreads by Broad Rating Category

Aaa	Aa	Α	Baa	Ba	В	Caa
23	39	44	55	184	323	481

Global Issuer Counts by Broad Rating Category

Aaa	Aa	Α	Baa	Ba	В	Caa
9	52	172	345	99	47	33

Source: Moody's, CMA

Figure 13. Median CDS Spreads By Region

Median CDS Spreads

Region	Aaa	Aa	Α	Baa	Ba	В	Caa
North America	23	36	40	65	161	263	420
Europe	10	28	40	57	140	233	509
Asia Pacific (ex.Japan)	14	24	37	66	161	373	-
Japan	-	28	24	30	51	71	-

Issuer Counts

Region	Aaa	Aa	Α	Baa	Ba	В	Caa
North America	3	19	85	211	60	34	15
Europe	6	33	82	122	28	10	16
Asia Pacific (ex.Japan)	3	18	31	35	5	2	-
Japan	-	1	34	13	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	23	31	37	62	165	255	558
Financials	11	28	38	70	156	392	391
Sovereigns	11	15	36	50	97	392	-
Banks	-	28	39	72	182	-	366

Issuer Counts

Sector	Aaa	Aa	Α	Baa	Ba	В	Caa
Corporates	4	25	152	324	88	49	27
Financials	8	46	85	69	19	1	6
Banks	-	35	53	29	10	-	5
Sovereigns	8	6	4	6	3	1	-

Source: Moody's, CMA

Figure 15. Global Financial Institutions Median CDS Spreads by Region

Median CDS Spreads

Region	Aaa	Aa	Α	Baa	Ba	В	Caa
North America	12	42	44	72	200	-	671
Europe	10	28	43	71	131	-	366
Asia Pacific (ex.Japan)	14	24	36	66	97	392	-
Japan	-	-	26	41	-	-	-

Issuer Counts

Region	Aaa	Aa	Α	Baa	Ba	В	Caa
North America	1	8	22	24	7	-	1
Europe	5	25	39	27	6	-	5
Asia Pacific (ex.Japan)	2	13	13	14	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	23	31	39	65	161	263	394
Europe	10	31	38	55	140	233	644
Asia Pacific (ex.Japan)	26	32	37	66	165	353	-
Japan	-	28	23	26	51	71	-

Issuer Counts

Region	Aaa	Aa	Α	Baa	Ba	В	Caa
North America	2	11	63	187	53	34	14
Europe	1	8	43	95	22	10	11
Asia Pacific (ex.Japan)	1	5	18	21	2	1	-
Japan	-	1	23	11	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 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 AND OTHER OPINIONS AND 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 ratings 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 procedures 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 www.moodys.com 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 1263335

CLIENT SERVICES

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

