

DATA REPORT

29 July 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

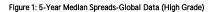
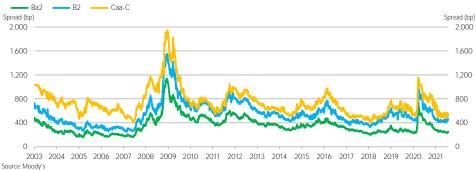




Figure 2: 5-Year Median Spreads-Global Data (High Yield)



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 (July 21, 2021 – July 28, 2021)

CDS Implied Rating Rises	CDS Impli	CDS Implied Ratings			
Issuer	Jul. 28	Jul. 21	Senior Ratings		
Illinois Tool Works Inc.	Aa2	A2	A2		
JPMorgan Chase Bank, N.A.	A2	A3	Aa2		
Pfizer Inc.	Aa1	Aa2	A2		
Intel Corporation	Aa3	A1	A1		
Raytheon Technologies Corporation	Aa3	A1	Baa1		
NextEra Energy Capital Holdings, Inc.	A2	A3	Baa1		
Lowe's Companies, Inc.	Aa2	Aa3	Baa1		
Consolidated Edison Company of New York, Inc.	A3	Baa1	Baa1		
Dominion Energy, Inc.	Aa3	A1	Baa2		
FirstEnergy Corp.	Baa2	Baa3	Ba1		

CDS Implied Rating Declines	CDS Impli	CDS Implied Ratings		
Issuer	Jul. 28	Jul. 21	Senior Ratings	
Eversource Energy	A3	A1	Baa1	
Air Products and Chemicals, Inc.	A1	Aa2	A2	
PepsiCo, Inc.	A3	A2	A1	
General Motors Company	Ba1	Baa3	Baa3	
FedEx Corporation	A3	A2	Baa2	
Nissan Motor Acceptance Company LLC	Ba2	Ba1	Baa3	
Cargill, Incorporated	A3	A2	A2	
Abbott Laboratories	Baa1	А3	A2	
NRG Energy, Inc.	Ba3	Ba2	Ba2	
Welltower Inc.	Baa1	A3	Baa1	

CDS Spread Increases	_		CDS Spreads	
Issuer	Senior Ratings	Jul. 28	Jul. 21	Spread Diff
Talen Energy Supply, LLC	В3	2,722	2,563	160
Staples, Inc.	Caa1	925	860	65
Nabors Industries, Inc.	Caa2	932	884	48
Carnival Corporation	B2	436	411	25
Service Corporation International	Ba3	168	153	15
Rite Aid Corporation	Caa3	872	858	14
American Axle & Manufacturing, Inc.	B2	400	392	8
Macy's Retail Holdings, LLC	B1	333	325	8
RPM International Inc.	Baa3	72	64	8
Unisys Corporation	Caa1	209	201	8

CDS Spread Decreases	_		CDS Spreads	
Issuer	Senior Ratings	Jul. 28	Jul. 21	Spread Diff
United Airlines, Inc.	Ba3	414	449	-35
United States Cellular Corporation	Ba1	120	154	-34
American Airlines Group Inc.	Caa1	679	713	-34
FirstEnergy Corp.	Ba1	59	83	-24
Avis Budget Car Rental, LLC	B3	287	310	-23
United Airlines Holdings, Inc.	Ba3	409	432	-23
The Terminix Company, LLC	B1	228	250	-22
Qwest Corporation	Ba2	147	166	-19
United States Steel Corporation	В3	325	342	-17
DPL Inc.	Ba1	131	148	-17

Source: Moody's, CMA

Figure 4. CDS Movers - Europe (July 21, 2021 – July 28, 2021)

CDS Implied Rating Rises	CDS Impli	CDS Implied Ratings		
Issuer	Jul. 28	Jul. 21	Senior Ratings	
Landesbank Baden-Wuerttemberg	Aa2	Baa1	Aa3	
Banca Monte dei Paschi di Siena S.p.A.	Ba2	B1	Caa1	
France, Government of	Aaa	Aa1	Aa2	
CaixaBank, S.A.	A3	Baa1	Baa1	
Orange	Aa2	Aa3	Baa1	
Swedbank AB	Aa1	Aa2	Aa3	
Deutsche Telekom AG	Aa2	Aa3	Baa1	
KBC Bank N.V.	Aa2	Aa3	A1	
Iberdrola International B.V.	A2	А3	Baa1	
National Grid Electricity Transmission plc	Aa3	A1	Baa1	

CDS Implied Rating Declines	CDS Impli	CDS Implied Ratings			
Issuer	Jul. 28	Jul. 21	Senior Ratings		
HSBC Bank plc	A1	Aa2	A1		
Deutsche Bank AG	Baa1	А3	A3		
HSBC Holdings plc	Baa1	А3	A3		
Standard Chartered PLC	Baa2	Baa1	A3		
Bankinter, S.A.	Baa2	Baa1	Baa1		
RWE AG	Aa3	Aa2	Baa2		
Deutsche Post AG	Aa1	Aaa	A3		
National Grid plc	Aa3	Aa2	Baa2		
3i Group plc	Ba1	Baa3	Baa1		
Vue International Bidco plc	Ca	Caa3	Ca		

CDS Spread Increases			CDS Spreads	
Issuer	Senior Ratings	Jul. 28	Jul. 21	Spread Diff
Vedanta Resources Limited	Caa1	1,024	938	87
Boparan Finance plc	Caa1	925	885	39
Vue International Bidco plc	Ca	620	583	36
Novafives S.A.S.	Caa2	823	796	28
HSBC Holdings plc	A3	50	44	7
Casino Guichard-Perrachon SA	Caa1	534	528	6
Standard Chartered PLC	A3	53	48	5
Standard Chartered Bank	A1	34	31	3
Telecom Italia S.p.A.	Ba2	163	160	3
HSBC Bank plc	A1	36	33	3

CDS Spread Decreases	_		CDS Spreads	
Issuer	Senior Ratings	Jul. 28	Jul. 21	Spread Diff
TUI AG	Caa1	712	792	-80
Banca Monte dei Paschi di Siena S.p.A.	Caa1	180	234	-54
Landesbank Baden-Wuerttemberg	Aa3	28	48	-19
thyssenkrupp AG	B1	257	275	-18
Deutsche Lufthansa Aktiengesellschaft	Ba2	254	270	-17
Ineos Group Holdings S.A.	B2	201	218	-17
Avon Products, Inc.	Ba3	213	230	-17
Premier Foods Finance plc	В3	192	207	-16
Hammerson Plc	Baa3	162	176	-14
UPC Holding B.V.	В3	217	226	-10

Source: Moody's, CMA

ISSUANCE

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

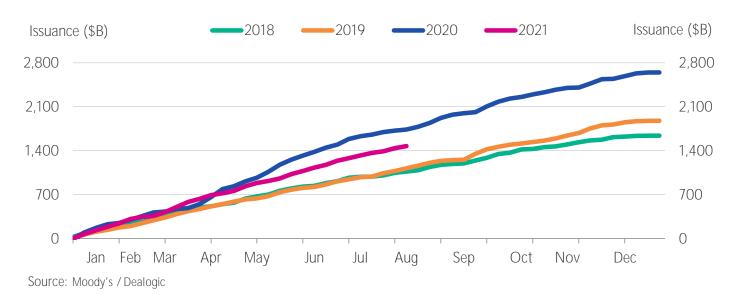


Figure 6. Market Cumulative Issuance - Corporate & Financial Institutions: Euro Denominated

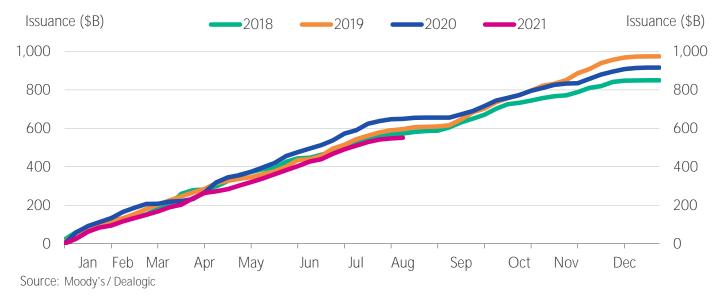


Figure 7. Issuance: Corporate & Financial Institutions

		USD Denominated				
	Investment-Grade	High-Yield	Total*			
	Amount \$B	Amount \$B	Amount \$B			
Weekly	22.479	10.637	34.341			
Year-to-Date	1,011.566	418.164	1,474.108			

		Euro Denominated				
	Investment-Grade	High-Yield	Total*			
	Amount \$B	Amount \$B	Amount \$B			
Weekly	2.159	0.737	3.467			
Year-to-Date	427.570	106.946	550.799			

^{*} Difference represents issuance with pending ratings.

Source: Moody's/ Dealogic

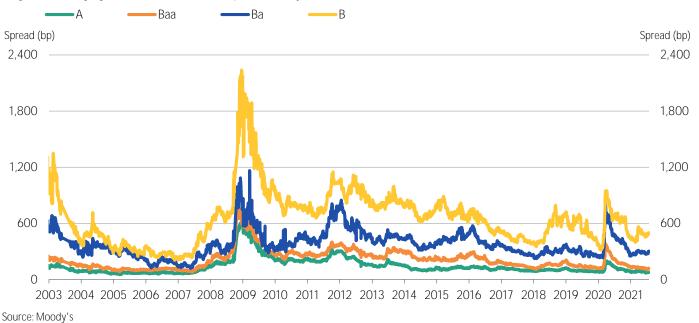
EMERGING MARKET CREDIT SPREADS

Figure 8. Emerging Market Median OAS

Emerging Market		Median	Spreads			Bond (Counts	
Duration	Α	Baa	Ba	В	Α	Baa	Ba	В
>=1 and <3	54	89	262	382	63	143	43	44
>=3 and <5	76	116	298	500	83	122	57	50
>=5 and <7	92	161	312	527	47	92	30	25
>=7	122	209	385	600	133	228	60	37
Emerging Market Sovereign		Median	Spreads			Bond (Counts	
Duration	Α	Baa	Ba	В	Α	Baa	Ba	В
>=1 and <3	39	49	136	391	16	37	9	22
>=3 and <5	57	72	204	469	16	36	24	28
>=5 and <7	75	112	275	527	16	31	16	21
>=7	75	200	356	594	82	115	45	36
Emerging Market Corporate		Median	Spreads			Bond (Counts	
Duration	Α	Baa	Ba	В	Α	Baa	Ba	В
>=1 and <3	63	113	268	373	47	106	34	22
>=3 and <5	78	140	349	533	67	86	33	22
>=5 and <7	92	198	345	468	31	61	14	4
>=7	142	230	463	637	51	113	15	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	6	19	30	68	181	380	487
>=3 and <5	9	30	48	91	248	533	536
>=5 and <7	15	22	24	119	302	384	482
>=7	15	32	14	152	209	-	315
				Debt Counts	3		
Duration	Aaa	Aa	Α	Baa	Ba	В	Caa
>=1 and <3	249	301	502	297	77	17	1
>=3 and <5	260	214	428	298	65	21	4
>=5 and <7	137	123	357	157	14	6	1
>=7	129	317	1073	292	15	-	2
				Issuer Count:	S		
Duration	Aaa	Aa	Α	Baa	Ba	В	Caa
>=1 and <3	29	89	175	167	48	15	1
>=3 and <5	34	83	169	159	42	17	4
>=5 and <7	29	61	116	99	11	6	1
>=7	32	93	166	125	9	-	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	14	28	30	50	235	406	529
>=3 and <5	23	38	41	67	270	409	570
>=5 and <7	26	55	58	90	274	381	566
>=7	75	101	108	146	283	423	531
				Debt Counts			
Duration	Aaa	Aa	Α	Baa	Ba	В	Caa
>=1 and <3	13	116	512	866	290	204	48
>=3 and <5	10	107	516	1005	309	255	72
>=5 and <7	10	76	428	814	196	135	29
>=7	45	275	1578	2092	188	33	5
				Issuer Counts	S		
Duration	Aaa	Aa	Α	Baa	Ba	В	Caa
>=1 and <3	4	51	257	523	215	162	42
>=3 and <5	3	47	276	577	208	212	64
>=5 and <7	5	33	233	494	141	111	28
>=7	4	52	350	620	93	21	4
irce: Moody's							

Source: Moody's

MEDIAN 5-YEAR CDS SPREADS

Figure 12. Global Median CDS Spreads By Rating Category

G	lobal	IN	1ed	ian S	Spread	ls b	ov Fi	ine F	≀ati	na (Category

Aaa	Aa1	Aa2	Aa3	A1	A2	A3	Baa1	Baa2	
17	24	33	35	36	38	43	49	55	
	Baa3	Ba1	Ba2	Ba3	B1	B2	В3	Caa	
	79	114	163	199	243	297	335	527	

Global Median Spreads by Broad Rating Category

Aaa	Aa	Α	Baa	Ba	В	Caa
22	33	38	55	163	297	427

Global Issuer Counts by Broad Rating Category

Aaa	Aa	Α	Baa	Ba	В	Caa
9	48	173	345	93	45	30

Source: Moody's, CMA

Figure 13. Median CDS Spreads By Region

Median CDS Spreads

Region	Aaa	Aa	Α	Baa	Ba	В	Caa
North America	22	35	37	58	161	290	417
Europe	9	26	35	54	125	219	519
Asia Pacific (ex.Japan)	16	23	45	68	123	346	-
Japan	-	-	22	29	52	54	-

Issuer Counts

Region	Aaa	Aa	Α	Baa	Ba	В	Caa
North America	3	19	85	209	57	32	14
Europe	6	29	84	124	25	10	14
Asia Pacific (ex.Japan)	3	18	31	36	5	2	-
Japan	-	-	32	15	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	25	32	34	55	155	267	577
Financials	9	26	40	61	166	397	272
Sovereigns	9	12	50	70	106	397	-
Banks	-	27	42	63	185	-	197

Issuer Counts

Sector	Aaa	Aa	Α	Baa	Ba	В	Caa
Corporates	3	23	142	323	83	46	24
Financials	9	43	94	73	18	2	6
Banks	-	32	58	29	9	-	5
Sovereigns	9	7	7	12	4	2	-

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	9	41	47	60	165	-	500
Europe	9	26	39	59	134	-	197
Asia Pacific (ex.Japan)	15	23	47	70	108	405	-
Japan	-	-	28	44	-	-	-

Issuer Counts

Region	Aaa	Aa	Α	Baa	Ba	В	Caa
North America	1	7	24	23	7	-	1
Europe	6	23	43	30	4	-	5
Asia Pacific (ex.Japan)	2	13	14	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	34	35	57	158	290	388
Europe	-	28	33	50	125	219	620
Asia Pacific (ex.Japan)	26	24	43	68	142	287	-
Japan	-	-	21	27	52	54	-

Issuer Counts

Region	Aaa	Aa	Α	Baa	Ba	В	Caa
North America	2	12	61	186	50	32	13
Europe	-	6	41	94	21	10	9
Asia Pacific (ex.Japan)	1	5	17	24	2	1	-
Japan	-	-	21	13	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

1297856

CLIENT SERVICES

 Americas
 1-212-553-1653

 Asia Pacific
 852-3551-3077

 Japan
 81-3-5408-4100

 EMEA
 44-20-7772-5454

