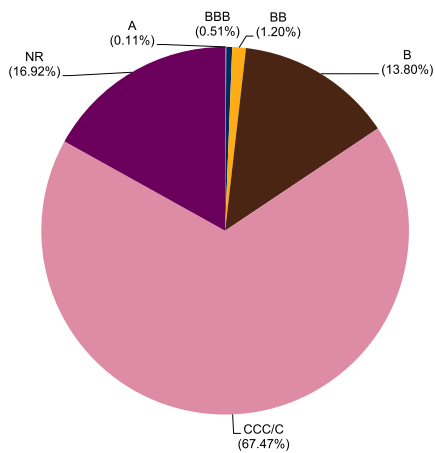


Default, Transition, and Recovery: 2018 Annual Global Corporate Default And Rating Transition Study

Chart 13a

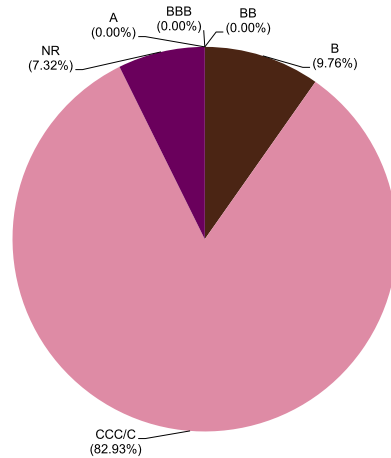
Default Distribution By Rating Prior To 'D' (1981-2018)



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Chart 13b

Default Distribution By Rating Prior To 'D' (2018)



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Table 8 provides a list of all the publicly rated companies that defaulted in 2018. For additional details on the 2018 defaulters, see Appendix III.

Table 8

2018 Global Publicly Rated Corporate Defaults

Company name	Reason for default	Country	Industry	Debt amount outstanding (mil. \$)	Default date	Rating one year prior to default	Rating three years prior to default	First rating	Date of first rating
Expro Holdings U.K. 3 Ltd.	Distressed exchange	U.K.	Energy and natural resources	1,475.0	1/2/2018	CCC+	-	CCC+	11/1/2016
Fieldwood Energy LLC	Missed principal or interest	U.S.	Energy and natural resources	4,048.1	1/3/2018	CCC	-	CCC	6/16/2016
Liberty Tire Recycling Holdco LLC	Distressed exchange	U.S.	Health care/chemicals	170.0	1/4/2018	B-	-	B-	6/16/2015
BIS Industries Ltd.	Distressed exchange	Australia	Energy and natural resources	250.0	1/15/2018	B-	B	B	3/12/2014
RGL Reservoir Management Inc.	Distressed exchange	Canada	Energy and natural resources	346.0	1/18/2018	CCC+	-	CCC+	6/9/2016
Philadelphia Energy Solutions Refining and Marketing LLC	Chapter 11	U.S.	Energy and natural resources	550.0	1/24/2018	B	B+	B+	3/7/2013
Hovnanian Enterprises Inc.	Distressed exchange	U.S.	Forest and building products/homebuilders	2,020.0	1/30/2018	CCC+	B-	CCC-	11/3/2011
iHeartCommunications Inc.	Missed principal or interest	U.S.	Leisure time/media	20,176.4	2/1/2018	-	-	CCC	2/13/2017

Table 8

2018 Global Publicly Rated Corporate Defaults (cont.)

Company name	Reason for default	Country	Industry	Debt amount outstanding (mil. \$)	Default date	Rating one year prior to default	Rating three years prior to default	First rating	Date of first rating
Cenveo Inc.	Chapter 11	U.S.	Leisure time/media	895.0	2/2/2018	CCC+	-	CCC+	7/18/2016
BrightHouse Group PLC	Distressed exchange	U.K.	Financial institutions	308.4	2/5/2018	CCC+	B-	B-	6/7/2013
Charlotte Russe Inc.	Distressed exchange	U.S.	Consumer services	230.0	2/5/2018	B-	B	B-	5/8/2013
Remington Outdoor Co. Inc.	Missed principal or interest	U.S.	Leisure time/media	820.0	2/13/2018	B-	B	B+	7/9/2009
Transworld Systems Inc.	Missed principal or interest	U.S.	Telecommunications	440.0	2/16/2018	CCC	-	B	7/27/2015
Tops Holding II Corp.	Chapter 11	U.S.	Consumer services	777.5	2/21/2018	-	-	CCC+	8/15/2017
Eletson Holdings Inc.	Missed principal or interest	Liberia	Transportation	300.0	2/22/2018	B	B	B	12/11/2013
Iconix Brand Group Inc.	Distressed exchange	U.S.	Consumer services	300.0	2/23/2018	B	B+	B+	4/19/2007
PaperWorks Industries Holding Corp.	Distressed exchange	U.S.	Forest and building products/homebuilders	365.0	3/6/2018	B-	B-	B	9/30/2011
HGIM Corp.	Chapter 11	U.S.	Energy and natural resources	1,175.0	3/8/2018	CCC+	B	B	6/4/2013
EV Energy Partners L.P.	Chapter 11	U.S.	Energy and natural resources	500.0	3/16/2018	CCC+	B	B	3/10/2011
Claire's Stores Inc.	Chapter 11	U.S.	Consumer services	2,105.0	3/19/2018	CC	-	CC	10/4/2016
Noble Group Ltd.	Missed principal or interest	Bermuda	Energy and natural resources	2,750.0	3/20/2018	B+	BBB-	BB+	3/2/2005
Sears, Roebuck and Co. (A)	Distressed exchange	U.S.	Consumer services	5,587.4	3/22/2018	CCC+	CCC+	AA	12/31/1980
BI-LO Holding Finance LLC	Chapter 11	U.S.	Consumer services	1,800.0	3/28/2018	CCC+	-	B-	1/9/2017
NCSG Crane & Heavy Haul Corp.	Missed principal or interest	Canada	Energy and natural resources	305.0	3/29/2018	CCC+	B	B	7/28/2014
FirstEnergy Solutions Corp.	Chapter 11	U.S.	Energy and natural resources	2,738.3	4/2/2018	CCC+	BBB-	BBB	3/26/2007
Nine West Holdings Inc.	Chapter 11	U.S.	Consumer services	1,419.0	4/6/2018	CCC	B-	B	2/19/2014
Bertucci's Corp.	Distressed exchange	U.S.	Consumer services	0.0	4/15/2018	NR	NR	B+	7/8/1998
Guitar Center Inc.	Distressed exchange	U.S.	Consumer services	0.0	4/16/2018	NR	NR	B	6/19/1996

Table 8

2018 Global Publicly Rated Corporate Defaults (cont.)

Company name	Reason for default	Country	Industry	Debt amount outstanding (mil. \$)	Default date	Rating one year prior to default	Rating three years prior to default	First rating	Date of first rating
Corporacion Electrica Nacional S.A. (Bolivarian Republic of Venezuela)	Missed principal or interest	Venezuela	Utility	650.0	4/24/2018	-	-	CC	1/29/2018
Gibson Brands Inc.	Chapter 11	U.S.	Consumer services	375.0	5/1/2018	CCC	B-	B	7/23/2013
PT MNC Investama Tbk.	Distressed exchange	Indonesia	Aerospace/auto/capital goods/metals	365.0	5/4/2018	B-	BB-	BB-	4/30/2013
Bank of Astana JSC	Missed principal or interest	Kazakhstan	Financial institutions	60.7	5/4/2018	NR	B-	B-	7/30/2014
QGOG Constellation S.A.	Missed principal or interest	Luxembourg	Energy and natural resources	1,304.6	5/9/2018	B+	B+	BB+	11/9/2012
Northern Oil and Gas Inc.	Distressed exchange	U.S.	Energy and natural resources	700.0	5/16/2018	CCC	B	B	5/9/2012
GetBack S.A.	Missed principal or interest	Poland	Financial institutions	0.0	5/17/2018	B	-	B	3/17/2017
Proserv Group Inc.	Distressed exchange	U.S.	Energy and natural resources	540.0	5/21/2018	CCC+	B	B	1/23/2015
Triple Point Group Holdings Inc.	Distressed exchange	U.S.	High tech/computers/office equipment	475.0	5/23/2018	CCC+	B-	B	6/19/2013
Grupo Senda Autotransporte S.A. de C.V.	Missed principal or interest	Mexico	Transportation	0.0	5/25/2018	B	B	B+	9/18/2006
Westmoreland Coal Co.	Distressed exchange	U.S.	Energy and natural resources	1,070.0	5/29/2018	CCC+	B	CCC+	3/2/2011
Murray Energy Corp.	Distressed exchange	U.S.	Energy and natural resources	6,837.0	6/15/2018	B-	-	CCC+	4/27/2016
Trident Holding Co. LLC	Distressed exchange	U.S.	Health care/chemicals	570.0	6/22/2018	B-	-	B-	4/14/2016
Community Health Systems Inc.	Distressed exchange	U.S.	Health care/chemicals	18,500.0	6/26/2018	B	B+	B+	9/28/2001
Del Monte Foods Inc.	Distressed exchange	U.S.	Consumer services	970.0	6/28/2018	CCC+	B	B	11/7/2013
Intelsat S.A.	Distressed exchange	Luxembourg	High tech/computers/office equipment	15,435.0	7/13/2018	CCC+	-	CCC+	6/19/2017
HoldIKKS SAS	Missed principal or interest	France	Consumer services	372.6	7/18/2018	CCC+	B+	B+	7/1/2014
House of Fraser (UK & Ireland) Ltd. (A)	Distressed exchange	U.K.	Consumer services	230.0	7/30/2018	B	B	B+	5/19/2011

Table 8

2018 Global Publicly Rated Corporate Defaults (cont.)

Company name	Reason for default	Country	Industry	Debt amount outstanding (mil. \$)	Default date	Rating one year prior to default	Rating three years prior to default	First rating	Date of first rating
Windstream Holdings Inc.	Distressed exchange	U.S.	Telecommunications	8,713.6	8/3/2018	B+	BB-	BB-	9/9/2013
Fleetcorp Operasyonel Tasit Kiralama ve Turizm A.S.	Missed principal or interest	Turkey	Financial institutions	0.0	8/9/2018	-	-	B	1/4/2018
House of Fraser (UK & Ireland) Ltd. (B)	Foreign bankruptcy	U.K.	Consumer services	222.6	8/16/2018	-	-	CCC-	8/3/2018
American Tire Distributors Inc.	Missed principal or interest	U.S.	Aerospace/auto/capital goods/metals	1,770.0	9/5/2018	B	B	B	3/9/2005
Derindere Turizm Otomotiv Sanayi ve Ticaret A.S.	Missed principal or interest	Turkey	Financial institutions	0.0	9/5/2018	B	-	B	10/5/2015
Bellatrix Exploration Ltd.	Distressed exchange	Canada	Energy and natural resources	250.0	9/13/2018	B	B+	B+	5/8/2015
Legacy Reserves L.P.	Distressed exchange	U.S.	Energy and natural resources	850.0	9/21/2018	CCC	B+	B	11/13/2012
Jupiter Resources Inc.	Missed principal or interest	Canada	Energy and natural resources	1,125.0	10/1/2018	B	B+	B+	7/28/2014
China Huayang Economic and Trade Group Co. Ltd.	Missed principal or interest	China	Aerospace/auto/capital goods/metals	0.0	10/2/2018	-	-	B+	3/13/2018
Astaldi SpA	Payment suspension	Italy	Aerospace/auto/capital goods/metals	866.9	10/2/2018	B-	B+	B+	12/17/2013
Mattress Firm Holding Corp.	Chapter 11	U.S.	Consumer services	0.0	10/5/2018	NR	B+	B	9/19/2014
FR Dixie Acquisition Corp.	Missed principal or interest	U.S.	Aerospace/auto/capital goods/metals	304.0	10/10/2018	CCC+	B	B+	1/7/2014
Sears, Roebuck and Co.(B)	Chapter 11	U.S.	Consumer services	5,757.2	10/15/2018	-	-	CCC-	4/9/2018
David's Bridal Inc.	Missed principal or interest	U.S.	Consumer services	790.0	10/16/2018	CCC+	B-	B	1/8/2007
International Bank of Saint-Petersburg	Regulatory directive	Russian Federation	Financial institutions	0.0	10/17/2018	B-	B-	CCC	9/12/2003
Gastar Exploration Inc.	Chapter 11	U.S.	Energy and natural resources	0.0	10/31/2018	NR	B-	CCC+	11/15/2007
Community Choice Financial Inc.	Missed principal or interest	U.S.	Financial institutions	437.0	11/5/2018	CCC	-	CCC	4/26/2016
PetroQuest Energy Inc.	Chapter 11	U.S.	Energy and natural resources	0.0	11/6/2018	CCC	-	CCC	10/21/2016

Table 8

2018 Global Publicly Rated Corporate Defaults (cont.)

Company name	Reason for default	Country	Industry	Debt amount outstanding (mil. \$)	Default date	Rating one year prior to default	Rating three years prior to default	First rating	Date of first rating
FULLBEAUTY Brands Holdings Corp.	Missed principal or interest	U.S.	Consumer services	1,165.0	11/8/2018	CCC+	B-	B-	10/29/2015
Johnston Press PLC	Foreign bankruptcy	U.K.	Leisure time/media	287.6	11/21/2018	CCC+	B	B	7/11/2014
China Automation Group Ltd.	Distressed exchange	Cayman Islands	High tech/computers/office equipment	24.0	11/25/2018	CCC	B+	BB-	4/6/2011
Odebrecht Engenharia e Construcao S.A.	Missed principal or interest	Brazil	Aerospace/auto/capital goods/metals	4,050.0	11/26/2018	CCC+	BBB-	BB-	3/26/2002
LBI Media Inc.	Chapter 11	U.S.	Leisure time/media	326.7	11/27/2018	CCC	CCC	CCC	2/13/2015
CMC di Ravenna Societa Cooperativa	Payment suspension	Italy	Aerospace/auto/capital goods/metals	654.0	12/6/2018	B	B	B	8/22/2014
Parker Drilling Co.	Chapter 11	U.S.	Energy and natural resources	585.0	12/12/2018	B-	B+	B+	10/22/1996
Checkout Holding Corp.	Chapter 11	U.S.	Leisure time/media	1,610.0	12/13/2018	CCC+	B-	B+	11/5/2010
Sterling Mid-Holdings Ltd.	Distressed exchange	Jersey	Financial institutions	745.0	12/13/2018	CCC	-	CCC	12/1/2017
Total				130,839.6					

Note: This total does not match table 1 because it excludes confidentially rated defaults. (B) indicates that initial ratings for these companies are those following a prior default in 2018. Initial ratings, or those as of Dec. 31, 1980. NR--Not rated. Sources: S&P Global Fixed Income Research and S&P Global Market Intelligence's CreditPro®.

Table 9

One-Year Global Corporate Default Rates By Rating Modifier

(%)	AAA	AA+	AA	AA-	A+	A	A-	BBB+	BBB	BBB-	BB+	BB	BB-	B+	B	B-	CCC/C
1981	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.28	0.00	0.00
1982	0.00	0.00	0.00	0.00	0.00	0.33	0.00	0.00	0.68	0.00	0.00	2.86	7.04	2.22	2.33	7.41	21.43
1983	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.35	2.17	0.00	1.59	1.23	9.80	4.76	6.67
1984	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.41	0.00	0.00	1.64	1.49	2.15	3.51	7.69	25.00
1985	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.64	1.49	1.35	2.61	13.11	8.00	15.38
1986	0.00	0.00	0.00	0.00	0.00	0.00	0.76	0.00	0.78	0.00	1.82	1.19	1.14	4.71	12.16	16.67	23.08
1987	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.83	1.32	5.95	6.82	12.28
1988	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.34	2.00	4.50	9.80	20.37
1989	0.00	0.00	0.00	0.00	0.00	0.00	0.58	0.90	0.78	0.00	0.00	0.00	2.02	0.43	7.80	4.88	33.33
1990	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.76	0.00	1.10	2.78	3.09	4.50	4.89	12.26	22.58	31.25
1991	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.83	0.74	0.00	3.70	1.14	1.05	8.72	16.25	32.43	33.87
1992	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.72	14.93	20.83	30.19