monitor[®]

creditrisk GRUPO FAMSA, S.A.B. de C.V. BANKRUPTCY1 CASE STUDY

FILED ON 06/26/2020



CreditRiskMonitor's warning of Grupo Famsa S.A.B. de C.V.'s ("Grupo Famsa") bankruptcy risk was determined by a combination of factors:

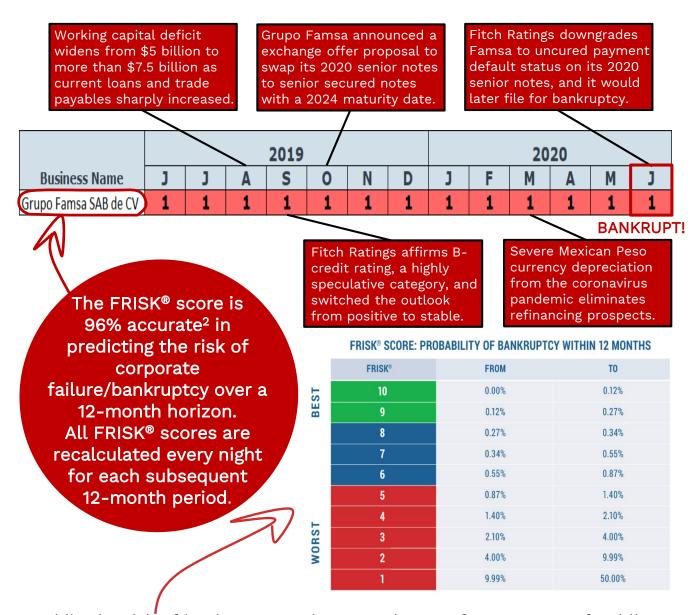
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^{1.} Grupo Famsa is headquartered in the northeastern state of Nuevo León, Mexico and filed for Chapter 11 bankruptcy protection in the U.S. Bankruptcy Court for the Southern District of New York (Manhattan).

MONTHLY AVERAGE FRISK® SCORE

CreditRiskMonitor's FRISK® score had been warning of financial stress at Grupo Famsa (MXK: GFAMSAA) for more than a year.

The company ultimately filed for bankruptcy on June 26, 2020.



While the risk of bankruptcy varies at each FRISK® score, 96% of public companies that eventually go bankrupt enter the FRISK® "red zone" prior to filing. A FRISK® score of 5 or less is an important warning sign.

^{2.} FRISK® score accuracy of 96% is based on backtesting of U.S. public companies; results may vary by country.

THE FRISK® SCORE COMPONENTS

At the core of the CreditRiskMonitor® process is our 96% accurate FRISK® score, which indicates a company's level of financial stress on a scale of 1 to 10, based on the probability of bankruptcy over a 12-month horizon. When available, the FRISK® score incorporates a number of powerful risk indicators including:

A "Merton" type model using stock market capitalization and volatility Financial ratios, including those used in the Altman Z"-Score Model

Bond agency ratings from Moody's, Fitch, & DBRS Morningstar

Crowdsourced CreditRiskMonitor® Usage Data

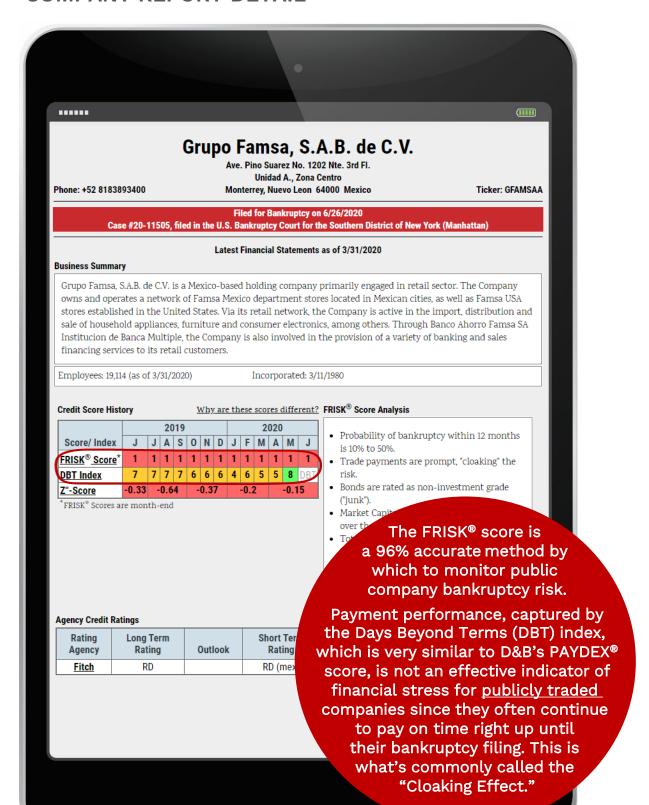
<u>Crowdsourcing</u> has enhanced the accuracy and timeliness of the FRISK® score. We collect and analyze data patterns from thousands of CreditRiskMonitor® subscribers, including professionals from more than 35% of the Fortune 1000 and other large corporations worldwide.

The crowdsourcing advantage is even more powerful in our FRISK® score since many of the professionals who use our service are credit managers:

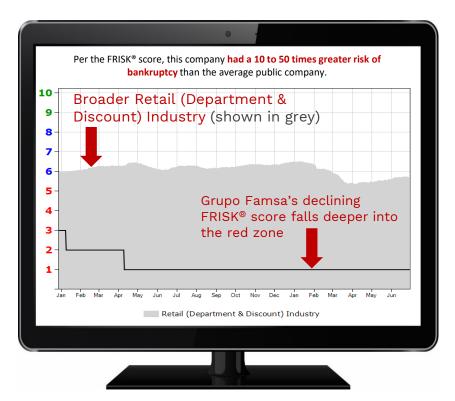
- Credit managers control one of the largest sources of working capital going into a company
- They are not held to the same "Fair Disclosure" restrictions that prevent non-disclosed information sharing on public companies
- Credit managers use a variety of non-public information sources such as their own company's management and sales representatives to be alerted to concerns in a public company's performance
- It is commonly known credit managers confidentially share information with other credit managers, thus collectively, their behavior helps to provide advanced insight to financial problems in public companies

Read more in Credit Research Foundation's quarterly journal article, "Assessing Public Company Financial Risk by Crowdsourcing the Research of Credit Professionals"

COMPANY REPORT DETAIL



FRISK® DEEP DIVE



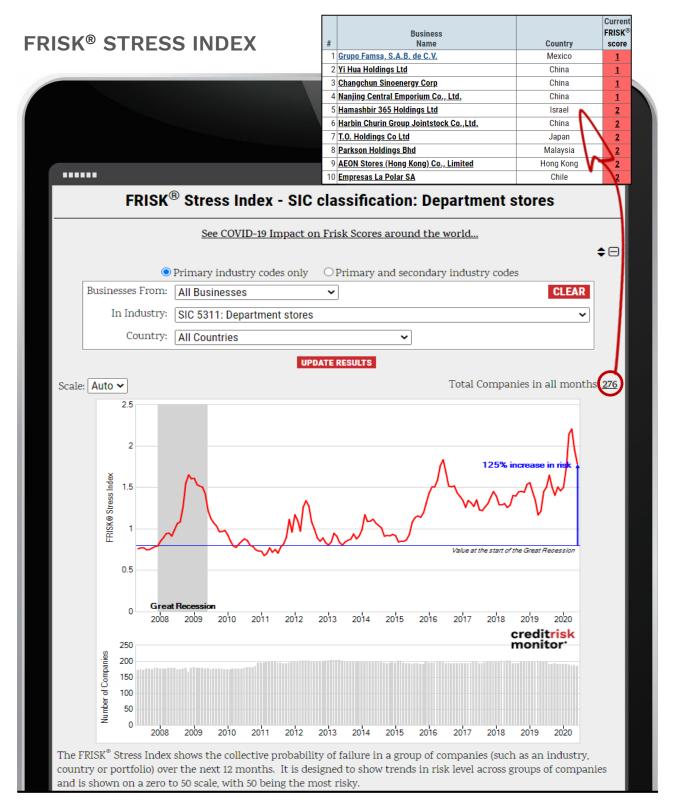
The FRISK® score relative to the broader Retail (Department & Discount) industry raised an additional red flag signaling heightened risk relative to peers, as well...

MAKING IMMEDIATE ATTENTION REQUIRED.

One of the inputs of the FRISK® score is a company's market cap volatility, adjusted for dividends, over the course of a year. Incorporating this information allows us to capture the "wisdom of markets" on a daily basis. This ensures our subscribers are getting the most up to date view of the risks they face since stocks tend to be more liquid and faster moving than bond prices and ratings.

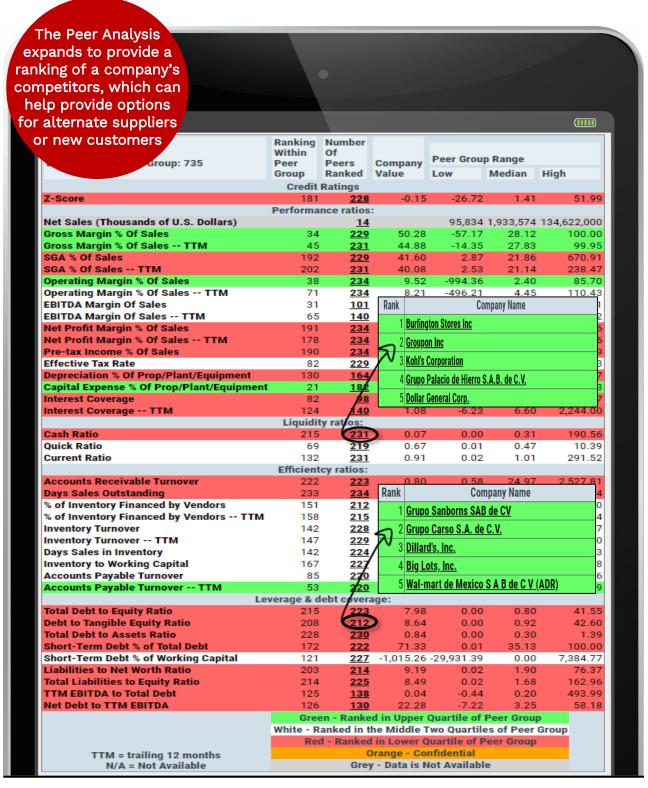
In the past 12 months, Grupo Famsa's stock price volatility increased from a modest to moderately high level, which carries a correlation to an equity security with increased riskiness. Furthermore, the company showed a significant loss in market capitalization overtime and total liabilities were more than 15x higher than market capitalization about one year in advance of the bankruptcy filing. Such negative trends will often limit or even hinder the company from structuring future secondary market offerings or private investments in public equity (PIPE) as a means of supporting its finances.

CreditRiskMonitor captures these negative signals and incorporates them into the FRISK® score in a non-linear manner to appropriately measure risk.



The average probability of failure for SIC code 5311 (Department Stores) has increased 125% since 2007. Grupo Famsa was among the weakest names in the industry as evidenced by its FRISK® score of 1.

PEER ANALYSIS ON ALTERNATE SUPPLIERS AND CUSTOMERS



Grupo Famsa demonstrated bottom quartile ranking in key financial ratios (shown in red) versus its industry peers.

QUARTERLY PERFORMANCE RATIOS

Limited net income generation transitions into net loss

Poor interest coverage ratio & free cash flow to debt collapses on Peso currency depreciation

Performance Ratios - Sequential Quarters

Performance Ratios - Sequential Quarters (Thousands of Mexican Pesos)					
	3 mos	3 mos	3 mos	3 mos	3 mos
Period Ended	3/31/2020	12/31/2019	9/30/2019	6/30/2019	3/31/2019
Net Sales	4,572,810	5,597,711	5,076,642	5,050,728	4,809,712
% change	-18.31%	10.26%	0.51%	5.01%	-16.74%
Gross Margin	2,298,999	2,426,509	2,226,971	2,156,633	2,264,109
% change	-5.25%	8.96%	3.26%	-4.75%	-17.24%
% of sales	50.28%	43.35%	43.87%	42.70%	47.07%
change as % of incremental sales	n/m	38.29%	271.43%	-44.59%	n/m
SG&A	1,902,345	2,248,652	2,071,760	1,912,572	1,957,874
% change	-15.40%	8.54%	8.32%	-2.31%	n/a
% of sales	41.60%	40.17%	40.81%	37.87%	40.71%
change as % of incremental sales	n/m	33.95%	614.29%	-18.80%	n/a
Operating margin	435,543	540,749	406,364	283,671	343,574
% change	-19.46%	33.07%	43.25%	-17.44%	115.66%
% of sales	9.52%	9.66%	8.00%	5.62%	7.14%
change as % of incremental sales	n/m	25.79%	473.46%	-24.85%	n/m
EBITDA	529,653	645,856	514,588	465,619	552,834
% change	-17.99%	25.51%	10.52%	-15.78%	171.78%
% of sales	11.58%	11.54%	10.14%	9.22%	11.49%
change as % of incremental sales	n/m	25.19%	188.97%	-36.19%	n/m
EBIT	262,536	401,395	274,351	221,432	280,556
% change	-34.59%	46.31%	23.90%	-21.07%	167.10%
% of sales	5.74%	7.17%	5.40%	4.38%	5.83%
change as % of incremental sales	n/m	24.38%	204.21%	-24.53%	n/m
Pre-tax income	(645,753)	205,720	(121,194)	(68,957)	4,131
% change	-413.90%	269.74%	-75.75%	-1,769.26%	102.35%
% of sales	-14.12%	3.68%	-2.39%	-1.37%	0.09%
change as % of incremental sales	n/m	62.74%	-201.58%	-30.33%	n/m
Net income (loss)	(570,974)	456,981	14,769	13,132	2,262
% change	-224.94%	2,994.19%	12.47%	480.55%	100.40%
% of sales	-12.49%	8.16%	0.29%	0.26%	0.05%
change as % of incremental sales	n/m	84.87%	6.32%	4.51%	n/m
Tax expense	(75,858)	(251,486)	(138,103)	(83,139)	2,236
Effective tax rate	11.75%	-122.25%	113.95%	120.57%	54.13%
Depreciation expense	267,117	244,461	240,237	420,899	272,279
% of sales	5.84%	4.37%	4.73%	8.33%	5.66%
% of capital expenses	1,514.53%	234.77%	1,157.16%	857.86%	858.19%
% of PP&E, net (annualized)	14.19%	14.03%	14.66%	25.29%	27.84%
Capital expenditures	17,637	104,126	20,761	49,064	31,727
% change	-83.06%	401.55%	-57.69%	54.64%	-18.15%
% of PP&E, net (annualized)	0.94%	5.98%	1.27%	2.95%	3.24%
% of working capital (annualized)	-1.80%	-8.81%	-1.31%	-3.13%	-2.48%
Interest coverage ratio	0.58	1.82	1.30	1.37	1.67
% change	-67.98%	39.97%	-4.74%	-18.37%	146.35%
Free cash flow	78,179	2,799,917	761,108	(286,517)	942,403
% change	-97.21%	267.87%	365.64%	-130.40%	127.44%
Source:	Interim Report	PRESS	Interim Report	Interim Report	Interim Report
	4/28/2020	3/3/2020	10/24/2019	7/25/2019	5/1/2019

QUARTERLY LEVERAGE RATIOS

Total debt
balances increased
and total debt to
assets trends in
bottom quartile of
department store
industry peers

Three-fourths of total debt was current, indicating substantial refinancing risk

Leverage Ratios - Sequential Quarters (Thousands of Mexican Pesos)

	(,		
rod Ended	3/31/2020	12/31/2019	9/30/2019	6/30/2019	3/31/2019
Total debt	50,609,294	49,786,205	48,123,332	47,348,253	46,961,277
% change	1.65%	3.46%	1.64%	0.82%	19.05%
Stockholders' equity	6,340,760	6,299,786	6,012,203	5,923,724	5,934,786
% change	0.65%	4.78%	1.49%	-0.19%	-0.74%
Total debt to equity ratio	7.98	7.90	8.00	7.99	7.91
% change	1.00%	-1.27%	0.14%	1.01%	19.94%
Tangible net worth	5,857,313	5,795,548	5,558,444	5,475,828	5,481,321
% change	1.07%	4.27%	1.51%	-0.10%	-0.70%
Total debt to tangible net worth	8.64	8.59	8.66	8.65	8.57
% change	0.58%	-0.78%	0.13%	0.93%	19.89%
Total assets	60,146,879	60,082,737	57,513,064	56,535,884	55,924,403
% change	0.11%	4.47%	1.73%	1.09%	15.17%
Total debt to assets ratio	0.84	0.83	0.84	0.84	0.84
% change	1.54%	-0.97%	-0.10%	-0.26%	3.37%
Tangible assets	59,663,432	59,578,499	57,059,305	56,087,988	55,470,938
% change	0.14%	4.42%	1.73%	1.11%	15.32%
Short-term debt	36,099,157	36,073,831	36,354,003	35,428,886	32,208,881
% change	0.07%	-0.77%	2.61%	10.00%	3.95%
Short-term debt % of total debt	71.33%	72.46%	75.54%	74.83%	68.59%
% change	-1.56%	-4.08%	0.96%	9.10%	-12.68%
Short-term debt % of working capital	-1,015.26%	-839.06%	-705.01%	-471.85%	-641.31%
% change	-21.00%	-19.01%	-49.41%	26.42%	-7.84%
Total liabilities	53,806,119	53,782,951	51,500,861	50,612,160	49,989,617
% change	0.04%	4.43%	1.76%	1.25%	17.40%
Total liabilities to equity ratio	8.49	8.54	8.57	8.54	8.42
% change	-0.60%	-0.34%	0.26%	1.43%	18.28%
Total liabilities to tangible net worth ratio	9.19	9.28	9.27	9.24	9.12
% change	-1.01%	0.16%	0.24%	1.35%	18.23%
Total debt to EBITDA ratio (annualized)	23.89	19.27	23.38	25.42	21.24
% change	23.0	57%	-8.04%	19.71%	-56.20%
Source:	Interir Total	l debt in	aterim Report	Interim Report	Interim Report

adjusted for bank deposits, was commensurate with a highly leveraged borrower

relation to EBITDA,

5/1/2019

7/25/2019

24/2019

QUARTERLY LIQUIDITY RATIOS AND RATES OF RETURN

Ongoing working capital deficit		atios - Seque	ential Quarte	C	ersistently meager ash ratio
Period Ended	3/31/2020	12/31/2019	9/30/2019	6/30/2019	3/31/2019
Current assets	35,302,108	35,302,507	34,081,691	30,664,866	29,835,632
% change	0.00%	3.58%	11.14%	2.78%	4.92%
% of short-term debt	97.79%	97.86%	93.75%	86.55%	92.63%
Current liabilities	38,857,749	39,601,839	39,238,230	38,173,434	34,858,009
% change	-1.88%	0.93%	2.79%	9.51%	3.60%
Working capital	(3,555,641)	(4,299,332)	(5,156,539)	(7,508,568)	(5,022,377)
% change	17.30%	16.62%	31.32%	-49.50%	3.61%
% of sales (annualized)	-19.44%	-19.20%	-25.39%	-37.17%	-26.11%
Cash	2,572,732	3,699,675	2,046,534	2,513,597	2,900,996
% change	-30.46%	80.78%	-18.58%	-13.35%	23.93%
% of short-term debt	7.13%	10.26%	5.63%	7.09%	9.01%
Cash ratio	0.07	0.09	0.05	0.07	0.08
% change	-29.12%	78.93%	-20.67%	-20.91%	19.54%
Quick assets	25,943,227	26,062,561	24,188,252	24,328,141	24,370,839
% change	-0.46%	7.75%	-0.58%	-0.18%	6.96%
% of short-term debt	71.87%	72.25%	66.54%	68.67%	75.67%
Quick ratio	0.67	0.66	0.62	0.64	0.70
% change	1.44%	6.77%	-3.28%	-8.84%	3.25%
Current ratio	0.91	0.89	0.87	0.80	0.86
% change	1.92%	2.62%	8.13%	-6.15%	1.27%
Source:	Interim Report 4/28/2020	Interim Report 4/28/2020	Interim Report 10/24/2019	Interim Report 7/25/2019	Interim Report 5/1/2019

Mediocre eturns on					
quity and	Rate of Retur	n - Sequer ands of Mexicar		'S	
assets eriod Ended	3 mos 3/31/2020	3 mos 12/31/2019	3 mos 9/30/2019	3 mos 6/30/2019	3 mos 3/31/2019
Return on equity	-9.06%	7.60%	0.25%	0.22%	0.04%
% change	-219.24%	2,948.90%	12.65%	485.45%	100.49%
Return on net tangible equity	-9.85%	8.22%	0.27%	0.24%	0.04%
% change	-219.83%	2,948.35%	12.56%	484.39%	100.50%
Return on total assets	-0.95%	0.78%	0.03%	0.02%	0.00%
% change	-222.21%	2,900.77%	10.68%	444.19%	100.37%
Return on tangible assets	-0.96%	0.78%	0.03%	0.02%	0.00%
% change	-222.22%	2,902.30%	11.06%	434.09%	100.38%
Source:	Interim Report 4/28/2020	PRESS 3/3/2020	Interim Report 10/24/2019	Interim Report 7/25/2019	Interim Report 5/1/2019

ANNUAL STATEMENT OF CASH FLOWS

Cash from erations increase	d		•		
nly following an					
increase in					
lepreciation and					
ipaid bills, among	atement	of Cash Flo	ws - Annual	- Standardi	zed
other items	,		s of Mexican Pesos		
	12 mos	12 mos	12 mos	12 mos	12 mos
Period Ended	12/31/2019	12/31/2018	12/31/2017	12/31/2016	12/31/2015
			Reclassified 12/31/2018		
Cash Flows from Operation	ng Activities:		12,01,2010		
Net income	490,192	(412,278)	(107,794)	(100,627)	(88,226)
Depreciation/depletion	1,001,163	406,380		416,933	545,551
Non-cash Items	3,924,253	4,514,637		6,803,664	7,448,674
Changes in working	(993,019)	(3,861,939)		(6,699,603)	(7,394,698)
capital					
Total cash from	4,422,589	646,800	1,733,103	420,367	511,301
operating activities Cash Flows from Investin	a Activities:				
Capital expenditures	(205,678)	(240,402)	(189,186)	(169,835)	(264,554)
Other investing cash	(1,573)	1,032,804	443,088	34,802	309,885
flow items, total	(1,373)	1,032,004	443,000	34,002	309,003
Total cash from	(207,251)	792,402	253,902	(135,033)	45,331
investing activities					
Cash Flows from Financia					
Financing cash flow items	(1,364,924)	(1,245,881)	(1,102,814)	(932,620)	(734,299)
Issuance/retirement of stock, net	(10,177)	(20,798)	10,787	(1,748)	(25,442)
Issuance/retirement of debt, net	(683,837)	(271,036)	(514,699)	(62,887)	537,948
Total cash from financing activities	(2,058,938)	(1,537,715)	(1,606,726)	(997,255)	(221,793)
Foreign exchange effects	2,478	(3,807)	(240,740)	21,176	1,213
Net change in cash	2,158,878	(102,320)	139,539	(690,745)	336,052
Net cash-beginning balance	1,540,797	1,954,902	1,815,363	2,194,323	1,858,271
Net cash-ending balance		1,852,582	1,954,902	1,503,578	2,194,323
Supplemental Disclosure					
Cash interest paid	1,364,924	3,109,038	2,478,821	1,757,714	1,412,950
Cash taxes paid, supplemental	66,005	n/a	n/a	59,860	44,294
Auditor/Opinion:		Dosal, S.C. Unqualified	KPMG Cardenas Dosal, S.C. Unqualified	Dosal, S.C. Unqualified	PricewaterhouseCoopers Societe Cooperative Unqualified
Source:	PRESS	ARS	ARS	ARS 5/25/2017	ARS
	3/3/2020	4/30/2019	4/30/2019		6/2/2016

NEWS ALERTS: A TIMELINE OF CONCERNING NEWS ITEMS

brought onto the		liabilities and financial leverage as operating and capital leases are ne indoctrination of the new accounting standard ASC 842. Total p. 9.1x.
05/14/2019	CRMZ News Service	Grupo Famsa S.A.B. de C.V. – updated financials avaiable
agency's expecta	tions and that performance	itive to Stable as recently reported financials were below the rating e improvements would take longer than a year given Mexico's nstrate high default risk based on statistical long-term averages.
09/11/2019	Fitch Ratings	Fitch Affirms Famsa's IDRs at 'B-', Revises Outlook to Stable
Notes due 2020 l covenants and d	or 9.75% Senior Secured Nefault provisions, in an effo d be considered a distresso	xchange that would involve swapping any or all of its 7.25% Senior lotes due 2024. Contract amendments would include eliminating certain to boost financial flexibility. However, the issuer's proposed ed debt exchange and carry characteristics that would parallel to a
10/28/2019	PR Newswire	Grupo Famsa S.A.B. de C.V. Announces the Commencement of an Offer
were successfull		f its Exchange Offer, disclosing that nearly 58% of the existing notes transaction resulted in higher interest payments and the untendered aturity. Grupo Famsa S.A.B. de C.V. Announces Final Results of Exchange
period, counter t	o original guidance indicati	et sales decreased of 3.1% compared to the prior year's comparable ng revenue growth. Additionally, nearly all of the operating income table to the sale of real estate assets.
03/25/2020	CRMZ News Service	Grupo Famsa S.A.B. de C.V. – updated financials available
by foreign excha	nge losses. At this point, cu	Pw decline in sales and a pre-tax loss of \$571 million, primarily driven arrent loans exceeded its available cash and cash equivalents. About a its scheduled principal debt payment.
05/01/2020	CRMZ News Service	Grupo Famsa S.A.B. de C.V. – updated financials available
negatively impac haircut after liqu	ted by the coronavirus pan	r Chapter 11 bankruptcy protection. It was one of the many retailers demic. Senior secured notes were anticipated to receive a substantial blied to inventory and property. Total accounts payable due to supplier
06/26/2020		Mexico's Grupo Famsa seeks Chapter 11 protection

ABOUT THIS REPORT/CONTACT CREDITRISKMONITOR®



CreditRiskMonitor® is a financial risk analysis and news service that helps credit, supply chain and financial professionals stay ahead of and manage risk quickly, accurately and cost effectively. More than 35% of the Fortune 1000, plus over a thousand other large corporations worldwide, rely on our financial risk coverage of over 58,000 global public companies.

CreditRiskMonitor® Bankruptcy Case Studies
provide post-filing analyses of public company
bankruptcies. Our case studies educate subscribers
about methods they can apply to assess bankruptcy
risk using CreditRiskMonitor's proprietary FRISK® score,
robust financial database and timely news alerts.

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