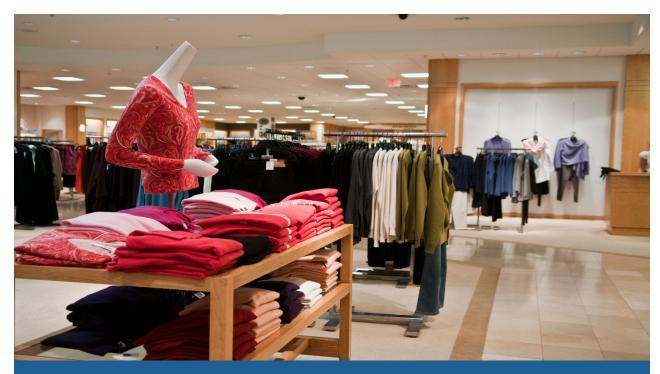
creditrisk monitor[®]

STAGE STORES INC. BANKRUPTCY CASE STUDY

FILED ON 05/10/2020



CreditRiskMonitor's warning of Stage Stores Inc. ("Stage Stores") bankruptcy risk was determined by a combination of factors:

Monthly Average FRISK® Score	Page 2
The FRISK® Score Components	3
Management Discussion and Analysis	4
Company Report Detail	5
FRISK® Deep Dive and Adjusted Market Cap Volatility	6
FRISK® Stress Index	7
Peer Analysis on Alternate Suppliers and Customers	8
Quarterly Performance Ratios	9
Quarterly Leverage Ratios	10
Quarterly Liquidity Ratios and Rates of Return	11
Annual Statement of Cash Flows	12
News Alerts: A Timeline of Concerning News Items	13
About This Report/Contact CreditRiskMonitor®	14

MONTHLY AVERAGE FRISK® SCORE

CreditRiskMonitor's FRISK® score had been warning of financial stress at Stage Stores (OTC: SSINQ) for more than a year. We published <u>in-depth analysis</u> on Aug. 8, 2019 as conditions continued to deteriorate and become more troubling.

The company ultimately filed for bankruptcy on May 10, 2020.

Q1 2019 net sales declined Mgmt. announced a plan to CEO requested that by 5.3%, operating income convert all stores to off-price vendors provide immediate fell by 48%, and net loss retail from the department concessions, which were considered vital to avoid widened by 50% versus store model, which required \$30 million in capital outlays. the previous year. Chapter 11 bankruptcy. 2019 2020 **Business Name** M J F М Stage Stores Inc. **BANKRUPT!** Revolving loan borrowed Senior Vice President, in Q3 2019 to fund Finance and Controller of Stage Stores announced working capital, ongoing losses, and widespread The FRISK® score is his resignation; executive departures are a red flag. store transformations. 96% accurate* in predicting the risk of corporate

predicting the risk of corporate failure/bankruptcy over a 12-month horizon.
All FRISK® scores are recalculated every night for each subsequent 12-month period.

FRISK® Score	BANKRUPTCY RISK RELATIVE TO THE HISTORICAL AVERAGE			
FRISK Score	FROM	TO		
10	0.00x	0.12x		
9	0.12x	0.27x		
8	0.27x	0.34x		
7	0.34x	0.55x		
6	0.55x	0.87x		
5	0.87x	1.40x		
4	1.40x	2.10x		
3	2.10x	4.00x		
₹ 2	4.00x	9.99x		
1	9.99x	50.00x		

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.

^{*}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"

DO NOT MISS THIS - MANAGEMENT DISCUSSION AND ANALYSIS (MD&A)

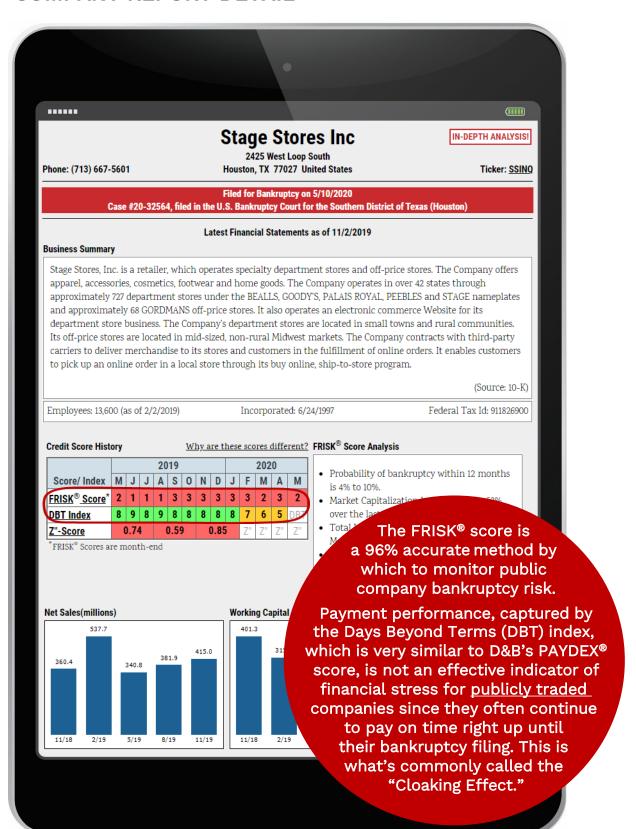
Making misleading or fraudulent statements in an MD&A is <u>against the law</u> – and Sarbanes-Oxley subjects CEOs and CFOs to heavy fines or even <u>jail time</u> for doing so. A vital feature of the CreditRiskMonitor service is the ability to quickly access a Company's Management Discussion and Analysis (MD&A) history. Let it sink in: there are no two people in the world with better knowledge of a company's liquidity risk than the CEO and CFO. More than any credit manager. More than any trade group. And they're personally liable if they're lying.

According to the Financial Accounting Standards Board (FASB), "MD&A should provide a balanced presentation that includes both positive and negative information about the topics discussed."

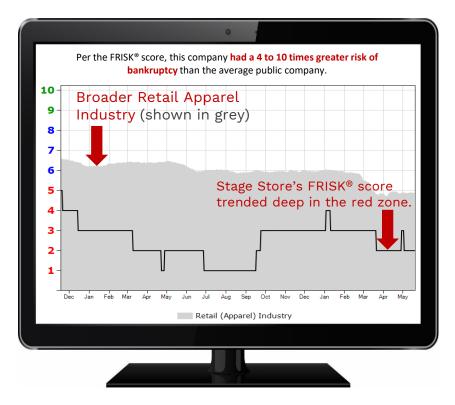


these red flags.

COMPANY REPORT DETAIL



FRISK® DEEP DIVE



The FRISK® score relative to the broader Retail Apparel industry raised an additional red flag signaling heightened risk relative to peers, as well...

MAKING IMMEDIATE ATTENTION REQUIRED.

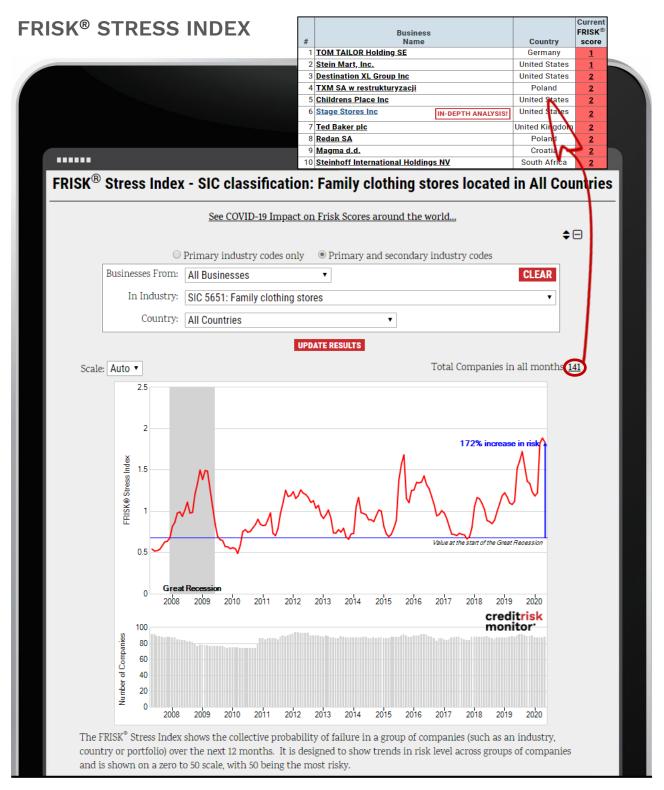
ADJUSTED MARKET CAP VOLATILITY



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.

creditrisk

monitor^e



The average probability of failure for SIC code 5651 (Family clothing stores) has increased 172% since 2007. Stage Stores was among the weakest names in the industry as evidenced by its FRISK® score of 2.

PEER ANALYSIS ON ALTERNATE SUPPLIERS AND CUSTOMERS



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

QUARTERLY PERFORMANCE RATIOS

Recurring operating and net losses over the last five quarters

Poor interest coverage ratio & cumulatively negative free cash flow

Performance Ratios - Sequential Quarters (Thousands of U.S. Dollars)

	13 weeks	13 weeks	13 weeks	13 weeks	13 weeks
Period Ended	11/2/2019	8/3/2019	5/4/2019	2/2/2019	11/3/2018
Net Sales \$	\$414,980	\$381,853	\$340,829	\$537,716	\$360,424
% change	8.68%	12.04%	-36.62%	49.19%	-6.04%
Gross Margin \$	\$134,198	\$121,467	\$97,330	\$134,053	\$81,759
% change	10.48%	24.80%	-27.39%	63.96%	-15.53%
% of sales	32.34%	31.81%	28.56%	24.93%	22.68%
change as % of incremental sales	38.43%	58.84%	n/m	29.50%	n/m
SG&A \$	\$145,892	\$141,128	\$140,676	\$123,209	\$109,774
% change	3.38%	0.32%	14.18%	12.24%	-1.03%
% of sales	35.16%	36.96%	41.27%	22.91%	30.46%
change as % of incremental sales	14.38%	1.10%	n/m	7.58%	n/m
Operating margin \$	(\$11,694)	(\$19,661)	(\$43,346)	(\$4,066)	(\$28,015)
% change	40.52%	54.64%	-966.06%	85.49%	-98.38%
% of sales	-2.82%	-5.15%	-12.72%	-0.76%	-7.77%
change as % of incremental sales	24.05%	57.73%	n/m	13.51%	n/m
EBITDA \$	\$3,578	(\$5,133)	(\$28,002)	\$10,454	(\$15,097)
% change	169.71%	81.67%	-367.86%	169.25%	-876.59%
% of sales	0.86%	-1.34%	-8.22%	1.94%	-4.19%
change as % of incremental sales	26.30%	55.75%	n/m	14.41%	n/m
EBIT \$	(\$11,694)	(\$19,661)	(\$43,346)	(\$4,066)	(\$28,015)
% change	40.52%	54.64%	-966.06%	85.49%	-98.38%
% of sales	-2.82%	-5.15%	-12.72%	-0.76%	-7.77%
change as % of incremental sales	24.05%	57.73%	n/m	13.51%	n/m
Pre-tax income \$ % change	(\$15,764) 33.72%	(\$23,784) 49.76%	(\$ 47,340) -521.99%	(\$7,611) 75,73%	(\$31,365) -87.01%
% of sales	-3.80%	-6.23%	-13.89%	-1.42%	-8.70%
change as % of incremental sales	24.21%	57.42%	-13.89% n/m	13.40%	n/m
Net income (loss) \$	(\$15,914)	(\$23,934)	(\$47,490)	(\$7,761)	(\$31,353)
% change	33.51%	49.60%	-511.91%	75.25%	-85.28%
% of sales	-3.83%	-6.27%	-13.93%	-1.44%	-8.70%
change as % of incremental sales	24.21%	57.42%	n/m	13.31%	n/m
Tax expense \$	\$150	\$150	\$150	\$150	(\$12)
Effective tax rate	-0.95%	-0.63%	-0.32%	-1.97%	0.04%
Depreciation expense \$	\$15,272	\$14,528	\$15,344	\$14,520	\$12,918
% of sales	3.68%	3.80%	4.50%	2.70%	3.58%
% of capital expenses	233.70%	300.41%	111.40%	158.58%	144.00%
% of PP&E, net (annualized)	11.92%	10.88%	15.96%	25.54%	22.17%
Capital expenditures \$	\$6,535	\$4,836	\$13,774	\$9,156	\$8,971
% change	35.13%	-64.89%	50.44%	2.06%	52.26%
% of PP&E, net (annualized)	5.10%	3.62%	14.33%	16.11%	15.40%
% of working capital (annualized)	9.17%	7.36%	19.04%	10.22%	9.52%
Interest coverage ratio	0.88	(1.25)	(7.01)	2.95	(4.51)
% change	170.61%	82.24%	-337.75%	165.44%	-714.31%
Free cash flow \$	(\$41,793)	(\$9,286)	(\$50,976)	\$83,325	(\$76,868)
% change	-350.06%	81.78%	-161.18%	208.40%	-1,128.51%
Source:	10-Q	10-Q	10-Q	10-K	10-Q
	12/12/2019	9/12/2019	6/13/2019	4/5/2019	12/12/2018

QUARTERLY LEVERAGE RATIOS

Total debt
in relation to
tangible net worth
steadily worsened
due to net losses

Total debt to assets ratio indicated elevated financial leverage

Leverage Ratios - Sequential Quarters

	(Thousands of U.S	. Dollars)			
Griod Ended	11/2/2019	8/3/2019	5/4/2019	2/2/2019	11/3/2018
Total debt \$	\$365,123	\$323,775	\$311,869	\$255,106	\$349,395
% change	12.77%	3.82%	22.25%	-26.99%	28.35%
Stockholders' equity \$	\$163,503	\$179,823	\$202,899	\$254,525	\$262,924
% change	-9.08%	-11.37%	-20.28%	-3.19%	-11.12%
Total debt to equity ratio	2.23	1.80	1.54	1.00	1.33
% change	24.03%	17.14%	53.36%	-24.58%	44.41%
Tangible net worth \$	\$161,603	\$177,598	\$200,674	\$252,300	\$245,789
% change	-9.01%	-11.50%	-20.46%	2.65%	-11.81%
Total debt to tangible net worth	2.26	1.82	1.55	1.01	1.42
% change	23.93%	17.31%	53.70%	-28.87%	45.53%
Total assets \$	\$1,173,713	\$1,122,046	\$1,107,607	\$744,161	\$945,518
% change	4.60%	1.30%	48.84%	-21.30%	13.96%
Total debt to assets ratio	0.31	0.29	0.28	0.34	0.37
% change	7.80%	2.49%	-17.85%	-7.23%	12.62%
Tangible assets \$	\$1,171,813	\$1,119,821	\$1,105,382	\$741,936	\$928,383
% change	4.64%	1.31%	48.99%	-20.08%	14.26%
Short-term debt \$	\$5,000	\$5,000	\$5,170	\$4,812	\$3,555
% change	0.00%	-3.29%	7.44%	35.36%	0.37%
Short-term debt % of total debt	1.37%	1.54%	1.66%	1.89%	1.02%
% change	-11.33%	-6.84%	-12.12%	85.39%	-21.80%
Short-term debt % of working capital	1.62%	1.91%	1.97%	1.53%	0.89%
% change	-14.75%	-3.02%	28.87%	72.16%	-11.90%
Total liabilities \$	\$1,010,210	\$942,223	\$904,708	\$489,636	\$682,594
% change	7.22%	4.15%	84.77%	-28.27%	27.86%
Total liabilities to equity ratio	6.18	5.24	4.46	1.92	2.60
% change	17.92%	17.51%	131.79%	-25.90%	43.87%
Total liabilities to tangible net worth ratio	6.25	5.31	4.51	1.94	2.78
% change	17.83%	17.68%	132.30%	-30.12%	44.99%
Total debt to EBITDA ratio (annualized)		n/a	n/a	6.10	n/a
Source:			10-Q	10-K	10-Q
	ASC 842 a	.ccount	6/13/2019	4/5/2019	12/12/2018

standard surfaced contractual operating leases, which are reflected in liabilities to equity

QUARTERLY LIQUIDITY RATIOS AND RATES OF RETURN

Cook rotio					
Cash ratio		•			
indicated					
poor					(IIII)
liquidity	Limuiditu Datia	Common	tial Overtar		
	Liquidity Ratio	o S - Sequen sands of U.S. Doll		S	
Period Ended	11/2/2019	8/3/2019	5/4/2019	2/2/2019	11/3/2018
Current assets \$	\$651,517	\$574,557	\$538,610	\$492,903	\$675,289
% change	13.39%	6.67%	9.27%	-27.01%	22.34%
% of short-term debt	13,030.34%	11,491.14%	10,417.99%	10,243.20%	18,995.47%
Current liabilities \$	\$343,780	\$312,226	\$275,550	\$177,352	\$273,945
% change	10.11%	13.31%	55.37%	-35.26%	37.16%
Working capital \$	\$307,737	\$262,331	\$263,060	\$315,551	\$401,344
% change	17.31%	-0.28%	-16.63%	-21.38%	13.94%
% of sales (annualized)	18.54%	17.17%	19.30%	14.67%	27.84%
Cash \$	\$26,268	\$25,418	\$22,793	\$15,830	\$25,825
% change	3.34%	11.52%	43.99%	-38.70%	-2.81%
% of short-term debt	525.36%	508.36%	440.87%	328.97%	726.44%
Cash ratio	0.08	0.08	0.08	0.09	0.09
% change	-6.14%	-1.57%	-7.39%	-5.30%	-29.10%
Current ratio	1.90	1.84	1.95	2.78	2.47
% change	2.99%	-5.86%	-29.67%	12.74%	-10.80%
Source:	10-Q 12/12/2019	10-Q 9/12/2019	10-Q 6/13/2019	10-K 4/5/2019	10-Q 12/12/2018
1	12/12/2019	2/ 12/2012	V/ 10/ 2019	7/0/2017	12/12/2010

Unable to					
generate ny positive	Rate of Return - (Thousand	Sequential s of U.S. Dollars)	*		
returns Period Ended	13 weeks 11/2/2019	13 weeks 8/3/2019	13 weeks 5/4/2019	13 weeks 2/2/2019	13 weeks 11/3/2018
Return on equity	-8.85%	-11.80%	-18.66%	-2.95%	-10.60%
% change	24.98%	36.78%	-532.10%	72.15%	-95.77%
Return on net tangible equity	-8.96%	-11.93%	-18.82%	-3.16%	-11.25%
% change	24.87%	36.64%	-496.11%	71.93%	-96.42%
Return on total assets	-1.39%	-2.15%	-5.13%	-0.92%	-3.53%
% change	35.42%	58.14%	-458.37%	73.99%	-74.31%
Return on tangible assets	-1.39%	-2.15%	-5.14%	-0.93%	-3.60%
% change	35.44%	58.16%	-453.27%	74.20%	-74.11%
Source:	10-Q 12/12/2019	10-Q 9/12/2019	10-Q 6/13/2019	10-K 4/5/2019	10-Q 12/12/2018

ANNUAL STATEMENT OF CASH FLOWS

Nagativa					
Negative cash from					
operating					
activities and of Cash Flows		er-Year - S of U.S. Dollars)	tandardize	d - Year to	Date
	39 weeks	39 weeks	39 weeks	39 weeks	39 weeks
Period Ended	11/2/2019	11/3/2018	10/28/2017	10/29/2016	10/31/2015
Cash Flows from Operating Activities:	/Anz ana)	/Å70.050\	(640.047)	(604.050)	/Å+7.005\
Net income	(\$87,338)	(\$79,953)	(\$42,967)	(\$31,053)	(\$17,205)
Depreciation/depletion Deferred taxes	45,144	44,135	49,476	54,285	58,326
Non-cash Items	n/a 72,945	6,503	(6,065)	1,965	(557)
Changes in working capital	(107,661)	(107,602)	7,682 (27,051)	12,387 (32,330)	12,268 (83,665)
Total cash from operating activities	(76,910)	(136,917)	(18,925)		(30,833)
Cash Flows from Investing Activities:	(70,710)	(100,517)	(10,720)	0,204	(30,033)
Capital expenditures	(25,145)	(21,793)	(25,342)	(67,934)	(69,156)
Other investing cash flow items, total	2,887	2,349	(33,740)	1,177	37
Total cash from investing activities	(22,258)	(19,444)	(59,082)	(66,757)	(69,119)
Cash Flows from Financing Activities:	, , ,	, , ,	, , ,	. , , ,	, , ,
Financing cash flow items	(965)	(782)	(200)	(857)	(2,763)
Total cash dividends paid	0	(4,342)	(7,097)	(12,466)	(13,916)
Issuance/retirement of stock, net	n/a	n/a	n/a	0	543
Issuance/retirement of debt, net	110,571	166,060	101,831	77,241	122,357
Total cash from financing activities	109,606	160,936	94,534	63,918	106,221
Net change in cash	10,438	4,575	16,527	2,415	6,269
Net cash-beginning balance	15,830	21,250	13,803	16,487	17,165
Net cash-ending balance	\$26,268	\$25,825	\$30,330	\$18,902	\$23,434
Supplemental Disclosures:					
Cash interest paid	\$11,652	\$8,097	\$5,221	\$3,425	\$1,816
Cash taxes paid, supplemental	\$417	(\$11)	(\$8,485)	\$2,931	\$15,053
Source:	10-Q 12/12/2019	10-Q 12/12/2018	10-Q 12/7/2017	10-Q 12/8/2016	10-Q 12/10/2015
	12/12/2019	12/12/2010	12/1/2017	12/0/2010	12/10/2013

NEWS ALERTS: A TIMELINE OF CONCERNING NEWS ITEMS

		ecline and an EBITDA loss of \$41.6 million. Management guided full yea 60 million to \$65 million, nearly doubling the loss compared to the
05/23/2019	Business Wire	Stage Stores Reports First Quarter Results and Reaffirms Fiscal 201 Guidance
standard criteria	, specifically meeting the \$1	e New York Stock Exchange that it was not compliant with listing 1.00 price over a continuous 30 trading-day period. Such an event ofter onal investors, whom are divesting their equity positions.
06/26/2019	Business Wire	Stage Stores Address NYSE Listing Standards
	ed Berkeley Research Group profitability in light of poor	o, a global business consulting firm, to provide guidance on improving operating performance.
08/22/2019	CRMZ News Service	Stage Stores Working With Consultant To Address Declining Busines
endors were be		Stage Stores Reports 17.4% Comparable Sales Increase for the Third Quarter, Raises Fiscal 2019 Guidance es failed to meet expectations and consequently cut earnings guidance was also revealed that the company was working with a lawyer from
02/11/2020	Dow Jones & Company,	Discount Retail Stage Stores Preps for Possible Bankruptcy
02/11/2020	Inc.	Sources
The coronavirus	pandemic had shut down red employees, and implement sales, Stage Stores had d	
The coronavirus stores, furloughe directors. Withou	pandemic had shut down red employees, and implement sales, Stage Stores had d	Sources etail locations across the United States. Stage Stores closed all 738 inted sweeping pay cuts for executive management and the board of
The coronavirus stores, furloughedirectors. Withounterest, and ren 3/27/2020	pandemic had shut down red employees, and implement sales, Stage Stores had dit. CRMZ News Service	etail locations across the United States. Stage Stores closed all 738 nted sweeping pay cuts for executive management and the board of ifficulty satisfying various obligations including vendor payments,

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.

Request a Personalized Demo and Risk Assessment

Read more Bankruptcy Case Studies, High Risk Reports and other resources

Contact us at: 845.230.3000 creditriskmonitor.com/contact-us