

HIGH RISK REPORT DEAN FOODS COMPANY

August 13, 2019



CreditRiskMonitor's assessment of Dean Foods Company's ("Dean Foods") "high risk" status has been determined by a combination of factors:

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MONTHLY AVERAGE FRISK® SCORE

CreditRiskMonitor's proprietary FRISK® score signals that Dean Foods Company (NYSE: DF) has a 10 to 50 times greater risk of bankruptcy than the average public company.

	2018				2019								
Business Name	A	S	0	N	D	J	F	M	Α	M	J	J	Α
Dean Foods Company	3	3	3	2	1	2	2	1	1	1	1	1	1

The FRISK® score is 96% accurate* in 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	From	ptcy within 12 months
Best	10	0.00%	0.12%
best	9	0.12%	0.27%
	8	0.27%	0.34%
	7	0.34%	0.55%
	6	0.55%	0.87%
	5	0.87%	1.40%
	4	1.40%	2.10%
	3	2.10%	4.00%
	2	4.00%	9.99%
Worst	1	9.99%	50.00%

While the percentage 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

Crowdsourced CreditRiskMonitor Usage Data

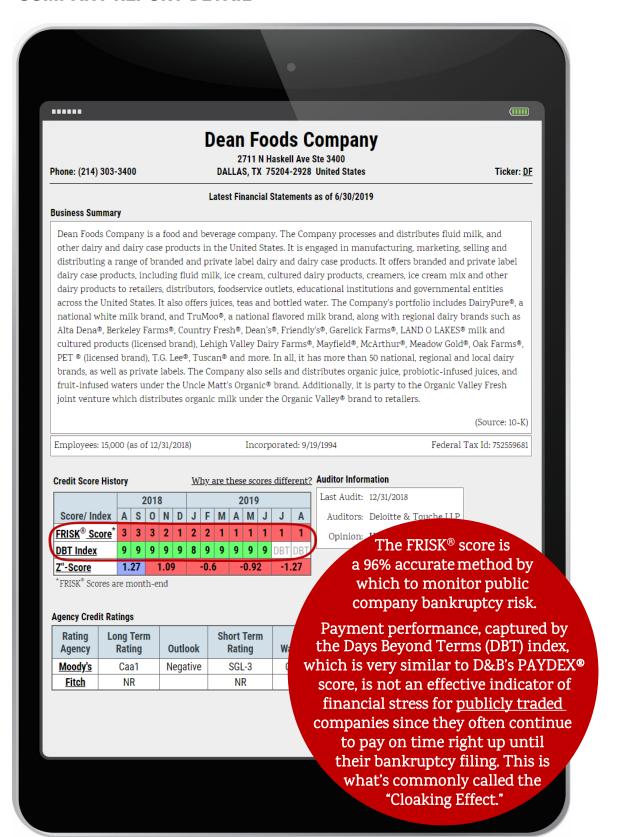
<u>Crowdsourcing</u> has enhanced the accuracy and timeliness of the FRISK® score. We collect and analyze data patterns from thousands of CreditRiskMonitor subscribers, including professionals from more than 35% of the Fortune 1000 and other large corporations worldwide.

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

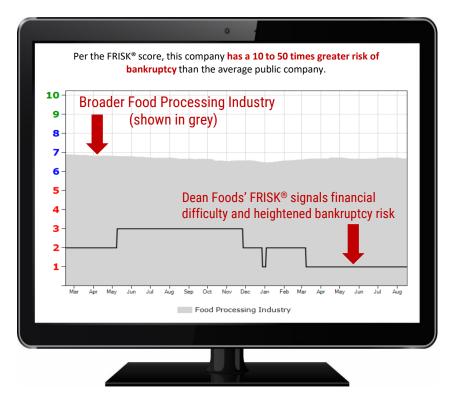
- Credit managers control one of the largest sources of working capital going into a company
- They are not held to the same "Fair Disclosure" restrictions that prevent nondisclosed information sharing on public companies
- Credit managers use a variety of non-public information sources such as their 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



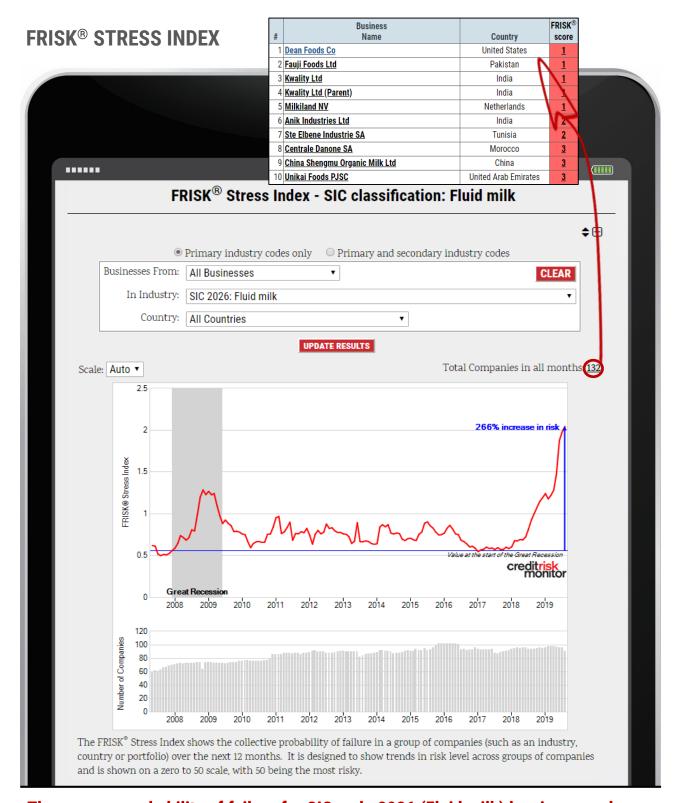
The FRISK® score relative to the broader Food Processing industry raises an additional red flag signaling heightened risk relative to peers, as well...

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.



The average probability of failure for SIC code 2026 (Fluid milk) has increased 266% since 2007. Dean Foods is among the weakest names in the industry as evidenced by its FRISK® score of 1.

PEER ANALYSIS ON ALTERNATE SUPPLIERS AND CUSTOMERS



Dean Foods demonstrates bottom quartile ranking in key financial ratios (shown in red) versus its industry peers.

OUARTERLY PERFORMANCE RATIOS

Operating and net losses in each of the last five fiscal quarters

Poor interest coverage ratio & cumulative negative free cash flow

Performance Ratios - Sequential Quarters

(Thousands of U.S. Dollars) 3 mos 3 mos 3 mos 3 mos Period Ended 6/30/2019 3/31/2019 12/31/2018 9/30/2018 6/30/2018 Net Sales \$ \$1,843,498 \$1,795,434 \$1,929,480 \$1,894,066 \$1,951,230 % change 2.68% -6.95%1.87% -2.93% -1.48%\$379,480 \$373,753 \$383,394 \$432,784 Gross Margin \$ \$390,597 % change 1.53% -2.51% -1.84%-9.75%-3.50%% of sales 20.58% 20.82% 19.87% 20.62% 22.18% change as % of incremental sales 11.92% -20.34% n/m n/mn/mSG&A \$ \$407,398 \$410,797 \$440,800 \$415,826 \$402,693 % change -0.83% -6.81% 6.01% 3.26% -4.47% % of sales 22.10% 22.88% 22.85% 21.95% 20.64% -7.07% change as % of incremental sales n/m 70.52% n/mn/mOperating margin \$ (\$51,640)(\$44,571)(\$263,863)(\$25,783)(\$40,892)% change -15.86% 83.11% -923.40% 36.95% -366.48% % of sales -2.80% -2.48% -13.68% -1.36% -2.10% change as % of incremental sales -14.71% n/m -672.28% n/m n/m EBITDA \$ (\$3,348) (\$15,553) (\$8,965) (\$229,662)\$9.976 % change -73 49% 96 10% -2 402 15% 397.97% -106.31% % of sales -0.84%-0.50% -11.90% 0.53% -0.17%change as % of incremental sales -13.71% n/m -676.68% n/m n/m EBIT \$ (\$53,828)(\$46,738) (\$267,479)(\$28,132)(\$43,373)% change -15.17% 35.14% 82.53% -850.80% -434.28% % of sales -2.92% -2.60% -13.86% -1.49%-2.22% change as % of incremental sales -14.75% -675.85% n/m n/m n/m Pre-tax income \$ (\$69,340) (\$40,025)(\$55,743)(\$63,783)(\$279,587)% change -8.71% 77.19% -598.53% 28.20% -6.720.31% % of sales -3.76%-3.55%-14.49% -2.11% -2.86% change as % of incremental sales -11.56% -676.46% n/mn/m Net income (loss) \$ (\$64,471) (\$61,574) (\$260,117) (\$26,424) (\$40,094) % change 4.70% 76.33% -884.40% 34.09% -15,029.81% % of sales -3.50% -3.43% -13.48% -1.40% -2.05% change as % of incremental sales -6.03% -659.89% n/m n/m n/mTax expense \$ (\$4,477)(\$1,956) (\$16,286)(\$13,377)(\$13,727)Effective tax rate 6.46% 3.07% 5.83% 33.42% 24.63% Depreciation expense \$ \$33,125 \$32,623 \$32,667 \$32,958 \$34,947 % of sales 1.80% 1.82% 1.69% 1.74% 1.79% 69.97% % of capital expenses 179.39% 123.02% 105.00% 168.14% % of PP&E, net (annualized) 10.28% 11.27% 13.03% 13.18% 13.59% Capital expenditures \$ \$18,465 \$26,518 \$46,687 \$31,388 \$20,784 % change -43.20% 48.74% -30.37% 51.02% 25.90% % of PP&E, net (annualized) 5.73% 9.16% 18.62% 12.55% 8.08% % of working capital (annualized) 52.48% 55.84% 74.03% 42.37% 24.62% Interest coverage ratio (0.96)(0.47)(15.81)0.72 (0.24)% change 103.50% 97.01% -2,287.85% 403.53% 106.30% Free cash flow \$ \$24,375 (\$98,564) (\$13,523) (\$32,350) \$61,023 % change 124.73% -628.86% 58.20% -153.01% 171.88% Source: 10-0 10-0 10-K 10-0 10-0 8/8/2019 5/8/2019 2/28/2019 11/8/2018 8/7/2018

QUARTERLY LEVERAGE RATIOS

Five key leverage ratios escalate & signal heightened financial risk relative to its Leverage Ratios - Sequential Quarters industry peers (Thousands of U.S. Dollars) Period Ended 6/30/2019 3/31/2019 12/31/2018 9/30/2018 6/30/2018 Total debt \$ \$984,935 \$1,009,681 \$906,344 \$887,164 \$856,959 % change -2.45% 3.52% -5.54% 11.40% 2.16% Stockholders' equity \$ \$195,759 \$256,146 \$314,732 \$584,334 \$617,461 % change -23.58% -18.61% -46.14% -5.37% -5.06% Total debt to equity ratio 5.03 3.94 2.88 1.52 1.39 % change 27.64% 36.88% 89.68% 9.39% -0.50% Tangible net worth \$ \$52,444 \$107,681 \$161,117 \$234,855 \$262,839 % change -51.30% -33.17% -31.40% -10.65% -19.76% Total debt to tangible net worth 18.78 9.38 3.78 3.26 5.63 100.29% 66.68% 48.92% 15.86% 17.72% % change \$2,442,300 Total assets \$ \$2,322,297 \$2,357,563 \$2,118,492 \$2,354,462 % change -4.91% 15.28% -10.02% -0.13% -3.56% Total debt to assets ratio 0.42 0.41 0.38 0.36 0.43 2.59% -3.37% % change 13.54% 3.66% -2.05% Tangible assets \$ \$2,178,982 \$2,293,835 \$1,964,877 \$2,004,983 \$2,002,941 -5.01% 16.74% % change -2.00% 0.10% -5.61% Short-term debt \$ \$1,060 \$1,053 \$1,174 \$1,162 \$1,150 % change 0.66% -10.31% 1.03% 1.04% 1.14% Short-term debt % of total debt 0.11% 0.10% 0.13% 0.13% 0.13% % change 3.16% -19.46% -1.15% -2.38% 7.10% Short-term debt % of working capital 0.94% 0.63% 0.56% 0.40% 0.38% % change 50.06% 12.57% 40.03% 3.31% 26.88% Total liabilities \$ \$2,126,538 \$1,740,102 \$2,186,154 \$1,803,760 \$1,770,128 % change -2.73%21.20% 1.90% 1.73% -3.02% Total liabilities to equity ratio 10.86 8.53 5.73 3.03 2.82 27.28% 48.92% 89.19% 7.49% 2.15% % change Total liabilities to tangible net worth ratio 40.55 20.30 11.20 7.54 6.62 48.54% 13.85% % change 99.73% 81.34% 20.85% Total debt to EBITDA ratio (annualized) 22.23 n/a n/a n/a n/a Source: 10-0 10-0 10-K 10-0 10-0 8/7/2018 8/8/2019 5/8/2019 2/28/2019 11/8/2018

QUARTERLY LIQUIDITY RATIOS AND RATES OF RETURN

Significant erosion of working capital	Liquidity Rati	Meager cash ratio signals potential ST liquidity issues				
Period Ended	6/30/2019	3/31/2019	12/31/2018	9/30/2018	6/30/2018	
Current assets \$	\$861,202	\$935,262	\$912,280	\$938,641	\$943,281	
% change	-7.92%	2.52%	-2.81%	-0.49%	-5.87%	
% of short-term debt	81,245.47%	88,818.80%	77,706.98%	80,778.06%	82,024.43%	
Current liabilities \$	\$748,185	\$766,789	\$700,835	\$645,545	\$643,664	
% change	-2.43%	9.41%	8.56%	0.29%	2.77%	
Working capital \$	\$113,017	\$168,473	\$211,445	\$293,096	\$299,617	
% change	-32.92%	-20.32%	-27.86%	-2.18%	-20.28%	
% of sales (annualized)	1.53%	2.35%	2.74%	3.87%	3.84%	
Cash \$	\$20,947	\$22,573	\$24,176	\$21,785	\$25,434	
% change	-7.20%	-6.63%	10.98%	-14.35%	-9.57%	
% of short-term debt	1,976.13%	2,143.68%	2,059.28%	1,874.78%	2,211.65%	
Cash ratio	0.03	0.03	0.03	0.03	0.04	
% change	-4.76%	-14.78%	2.37%	-14.68%	-12.03%	
Quick assets \$	\$530,758	\$599,812	\$613,439	\$634,039	\$618,641	
% change	-11.51%	-2.22%	-3.25%	2.49%	-7.03%	
% of short-term debt	50,071.51%	56,962.20%	52,252.04%	54,564.46%	53,794.87%	
Quick ratio	0.71	0.78	0.88	0.98	0.96	
% change	-9.31%	-10.64%	-10.88%	2.20%	-9.54%	
Current ratio	1.15	1.22	1.30	1.45	1.47	
% change	-5.62%	-6.30%	-10.47%	-0.78%	-8.41%	
Source:	10-Q 8/8/2019	10-Q 5/8/2019	10-K 2/28/2019	10-Q 11/8/2018	10-Q 8/7/2018	

Inable to generate			1 - 1 -	177	
ny positive returns	Rate of Return (Thousa				
Period Ended	3 mos 6/30/2019	3 mos 3/31/2019	3 mos 12/31/2018	3 mos 9/30/2018	3 mos 6/30/2018
Return on equity	-25.17%	-19.56%	-44.52%	-4.28%	-6.16%
% change	-28.65%	56.05%	-940.19%	30.58%	-15,159.65%
Return on net tangible equity	-59.87%	-38.22%	-110.76%	-10.05%	-12.24%
% change	-56.66%	65.49%	-1,001.69%	17.87%	-15,049.01%
Return on total assets	-2.71%	-2.70%	-11.63%	-1.12%	-1.67%
% change	-0.23%	76.78%	-936.97%	32.83%	-15,505.61%
Return on tangible assets	-2.88%	-2.89%	-13.10%	-1.32%	-1.94%
% change	0.31%	77.93%	-893.83%	32.17%	-15,704.88%
Source:	10-Q 8/8/2019	10-Q 5/8/2019	10-K 2/28/2019	10-Q 11/8/2018	10-Q 8/7/2018

YEAR-OVER-YEAR STATEMENT OF CASH FLOWS

Negative cash from operating activities

Statement of Cash Flows - Year-over-Year - Standardized - Year to Date

(Thousands of U.S. Dollars)

	(
Period Ended	6 mos 6/30/2019	6 mos 6/30/2018	6 mos 6/30/2017	6 mos 6/30/2016	6 mos 6/30/2015
Cash Flows from Operating Activities:					
Net income	(\$126,690)	(\$40,359)	\$7,888	\$72,572	(\$47,221)
Depreciation/depletion	76,048	80,102	86,489	87,876	86,965
Deferred taxes	(7,472)	(16,472)	7,533	17,577	(43,818)
Non-cash Items	74,771	43,681	9,893	(21,666)	137,568
Changes in working capital	(45,863)	53,808	(32,623)	(31,040)	138,277
Total cash from operating activities	(29,206)	120,760	79,180	125,319	271,771
Cash Flows from Investing Activities:					
Capital expenditures	(44,983)	(37,292)	(34,551)	(45,752)	(48,051)
Other investing cash flow items, total	4,632	(906)	(28,115)	(146,610)	12,815
Total cash from investing activities	(40,351)	(38,198)	(62,666)	(192,362)	(35,236)
Cash Flows from Financing Activities:					
Financing cash flow items	(9,561)	0	(1,764)	699	(14,892)
Total cash dividends paid	0	(16,438)	(16,357)	(16,514)	(13,212)
Issuance/retirement of stock, net	(438)	(413)	(1,232)	(25,646)	939
Issuance/retirement of debt, net	76,327	(56,789)	16,368	72,405	(119,398)
Total cash from financing activities	66,328	(73,640)	(2,985)	30,944	(146,563)
Foreign exchange effects	n/a	n/a	0	(825)	(644)
Net change in cash	(3,229)	8,922	13,529	(36,924)	89,328
Net cash-beginning balance	24,176	16,512	17,980	60,734	16,362
Net cash-ending balance	\$20,947	\$25,434	\$31,509	\$23,810	\$105,690
Source:	10-Q	10-Q	10-Q	10-Q	10-Q
	8/8/2019	8/7/2018	8/8/2017	8/8/2016	8/10/2015

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 56,000 global public companies.

CreditRiskMonitor's High Risk Reports feature companies that are exhibiting a significantly high level of financial distress, as indicated by our proprietary FRISK® score. The ultimate goal of the High Risk Report series is two-part: provide an early warning for those doing business with an increasingly distressed company and inform of the many signals that should be examined when assessing financial risks.

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