

THOMAS COOK GROUP PLC BANKRUPTCY¹ CASE STUDY

FILED ON 09/23/2019



CreditRiskMonitor's warning of Thomas Cook Group plc's ("Thomas Cook") bankruptcy risk was determined by a combination of factors:

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MONTHLY AVERAGE FRISK® SCORE

CreditRiskMonitor's FRISK® score had been warning of financial stress at Thomas Cook Group plc for more than a year.

The company ultimately filed for bankruptcy on September 23, 2019

		20							2019				
Business Name	S	0	N	D	J	F	M	Α	M	J	J	Α	S
Thomas Cook Group plc		1	1	1	1	1	1	1	1	1	1	1	1

BANKRUPT!

The FRISK® score is 96% accurate² 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®F10	boatility of ballkit	ptcy within 12 months
		From	То
Best	10	0.00%	0.12%
	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.

^{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

Crowdsourced CreditRiskMonitor Usage Data

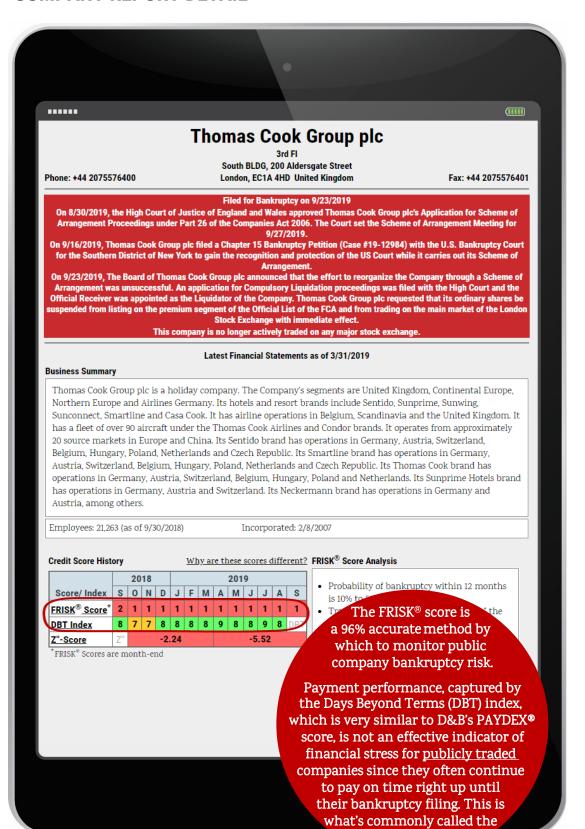
<u>Crowdsourcing</u> has enhanced the accuracy and timeliness of the FRISK® score. We collect and analyze data patterns from thousands of CreditRiskMonitor subscribers, including professionals from more than 35% of the Fortune 1000 and other large corporations worldwide.

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

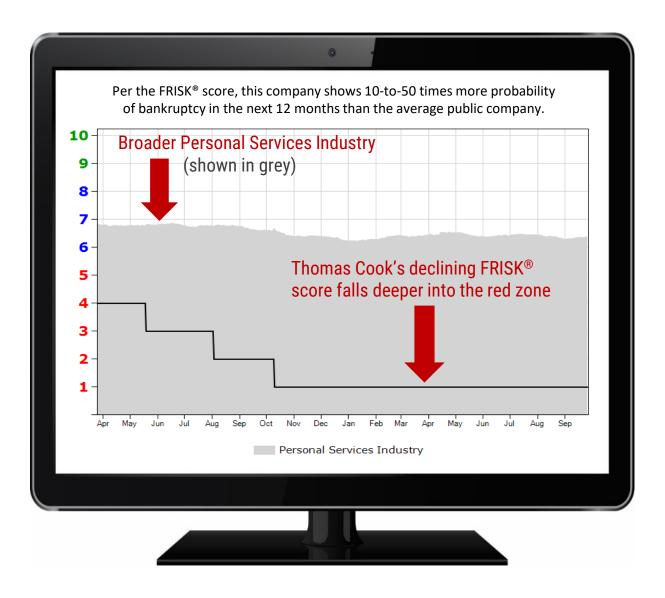
Read more in Credit Research Foundation's quarterly journal article, "Assessing Public Company Financial Risk by Crowdsourcing the Research of Credit Professionals"

COMPANY REPORT DETAIL



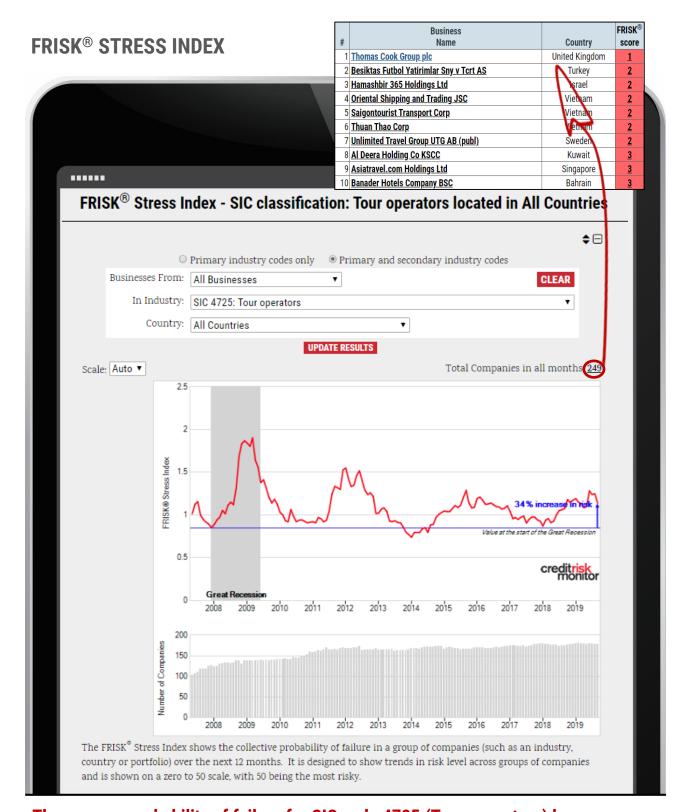
"Cloaking Effect."

FRISK® DEEP DIVE



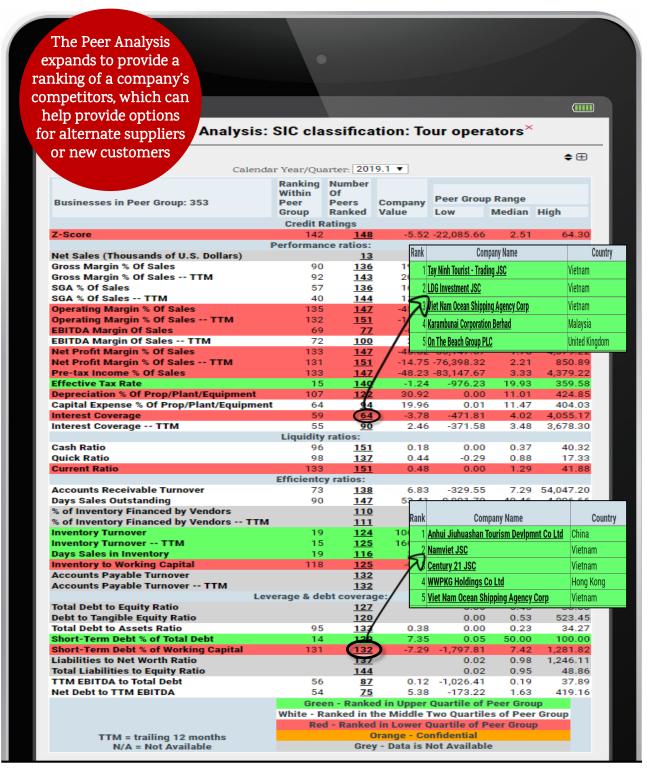
The FRISK® score relative to the broader Personal Services industry raised an additional red flag signaling heightened risk relative to peers, as well...

MAKING IMMEDIATE ATTENTION REQUIRED.



The average probability of failure for SIC code 4725 (Tour operators) has increased 34% since 2007. Thomas Cook was among the weakest names in the industry as evidenced by its FRISK® score of 1.

PEER ANALYSIS ON ALTERNATE SUPPLIERS AND CUSTOMERS



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

QUARTERLY PERFORMANCE RATIOS

Cumulative operating and net losses

Cumulative negative free cash flow

Performance Ratios - Sequential Quarters (Thousands of British Pounds)

	(Thousands	of British Pour	nds)		
Period Ended	6 mos 3/31/2019	6 mos 9/30/2018	6 mos 3/31/2018	6 mos 9/30/2017	6 mos 3/31/2017
Net Sales £	£3,019,000	£6,357,000	£3,227,000	£6,013,000	£2,994,000
% change	-52.51%	96.99%	-46.33%	100.84%	-41.73%
Gross Margin £	£599,000	£1,283,000	£672,000	£1,362,000	£633,000
% change	-53.31%	90.92%	-50.66%	115.17%	-49.36%
% of sales	19.84%	20.18%	20.82%	22.65%	21.14%
change as % of incremental sales	n/m	19.52%	n/m	24.15%	n/m
SG&A £	£501,000	£535,000	£480,000	£529,000	£446,000
% change	-6.36%	11.46%	-9.26%	18.61%	-4.09%
% of sales	16.59%	8.42%	14.87%	8.80%	14.90%
change as % of incremental sales	n/m	1.76%	n/m	2.75%	n/m
Operating margin £	(£1,386,000)	£307,000	(£236,000)	£430,000	(£240,000)
% change	-551.47%	230.08%	-154.88%	279.17%	-162.34%
% of sales	-45.91%	4.83%	-7.31%	7.15%	-8.02%
change as % of incremental sales	n/m	17.35%	n/m	22.19%	n/m
EBITDA £	(£193,000)	£424,000	(£138,000)	£517,000	(£140,000)
% change	-145.52%	407.25%	-126.69%	469.29%	-129.72%
% of sales	-6.39%	6.67%	-4.28%	8.60%	-4.68%
change as % of incremental sales	n/m	17.96%	n/m	21.76%	n/m
EBIT £	(£1,408,000)	£279,000	(£257,000)	£404,000	(£265,000)
% change	-604.66%	208.56%	-163.61%	252.45%	-172.21%
% of sales	-46.64%	4.39%	-7.96%	6.72%	-8.85%
change as % of incremental sales	n/m	17.12%	n/m	22.16%	n/m
Pre-tax income £	(£1,456,000)	£250,000	(£303,000)	£360,000	(£314,000)
% change	-682.40%	182.51%	-184.17%	214.65%	-198.74%
% of sales	-48.23%	3.93%	-9.39%	5.99%	-10.49%
change as % of incremental sales	n/m	17.67%	n/m	22.33%	n/m
Net income (loss) £	(£1,474,000)	£91,000 135.83%	(£254,000) -190.71%	£280,000 204.87%	(£267,000) -199,26%
% change % of sales	-1,719.78% -48.82%	1.43%	-7.87%	4.66%	-199.20%
change as % of incremental sales	-40.02% n/m	11.02%	-7.67% n/m	18.12%	-0.92% n/m
Tax expense £	£18,000	£158,000	(£48,000)	£76,000	(£42,000)
Effective tax rate	-1.24%	63.20%	15.84%	21.11%	13.38%
Depreciation expense £	£110,000	£53,000	£115.000	£108,000	£122.000
% of sales	3.64%	0.83%	3.56%	1.80%	4.07%
% of capital expenses	154.93%	50.00%	110.58%	94.74%	132.61%
% of PP&E, net (annualized)	30.92%	14.61%	31.66%	28.25%	29.45%
Capital expenditures £	£71,000	£106,000	£104,000	£114,000	£92,000
% change	-33.02%	1.92%	-8.77%	23.91%	-26.40%
% of PP&E, net (annualized)	19.96%	29.22%	28.63%	29.82%	22.21%
% of working capital (annualized)	-7.00%	-9.45%	-9.28%	-10.71%	-8.90%
Interest coverage ratio	(3.78)	9.86	(2.94)	11.49	(2.75)
% change	-138.38%	435.83%	-125.56%	518.52%	-130.31%
Free cash flow £	(£782,000)	£635,000	(£706,000)	£862,000	(£572,000)
% change	-223.15%	189.94%	-181.90%	250.70%	-172.50%
Source:	Interim Report	ARS	Interim Report	ARS	Interim Report
	5/16/2019	12/17/2018	5/17/2018	11/23/2017	5/18/2017

QUARTERLY LEVERAGE RATIOS

Total debt in relation to tangible net worth indicated heightened risk Leverage Ratios - Sequential Quarters (Thousands of British Pounds) Period Ended 3/31/2019 9/30/2018 3/31/2018 9/30/2017 3/31/2017 Total debt £ £1.931.000 £1,428,000 £1,502,000 £1,446,000 £1,412,000 % change 35.22% -4.93% 3.87% 2.41% -26.50% Stockholders' equity £ (£1,345,000) £291,000 £11,000 £256,000 £136,000 % change -562.20% 2,545,45% -95.70% 88.24% -58.28% Total debt to equity ratio n/a 4.91 136.55 5.65 10.38 % change n/a -96.41% 2,317.42% -45.60% 76.19% (£3,300,000) (£2,813,000) (£3,052,000) (£2,880,000) Tangible net worth £ (£2,942,000) -17.31% 7.83% % change -5.97% 2.11% Total assets £ £5,026,000 £6,569,000 £6,191,000 £6,605,000 Negative % change -23.49% 6.11% -6.27%tangible net worth Total debt to assets ratio 0.22 0.24 0.38 suggested that the % change -10.39% 10.83% 76.72% company had Tangible assets £ £3,071,000 £3,465,000 £3,128,000 £3,4 exhausted all of its % change -11.37% 10.77% -9.83% loanable collateral Short-term debt £ £284,00 £142,000 £218,000 £265,000 % change -34.86% -17.74% -6.69% 27.93% Short-term debt % of total debt 7.35% 15.27% 15.72% 17.64% 19.64% % change 24.92% -67.63% -51.83% -13.47% -10.17% Short-term debt % of working capital -7.29% -10.34% -11.15% -13.47% -10.33% 29.44% 7.28% 17.25% -30.42% 77.99% % change Total liabilities £ £6,278,000 £6,371,000 £6,180,000 £6,349,000 £5,765,000 % change -12.88% 1.48% 1.59% -2.66% 10.13% Total liabilities to equity ratio 24.80 42.39 21.57 561.82 n/a % change 2.165.32% 108.84% n/a -96.16% -41.49% Total debt to EBITDA ratio (annualized) 1.40 n/a n/a Source: Short-term debt terim Report ARS Interim Report 16/2019 12/17/2018 5/18/2017 as a percentage of working capital

> was negative in the last five reporting periods

> > creditrisk monitor

QUARTERLY LIQUIDITY RATIOS AND RATES OF RETURN

	Negative working capital		atios - Seque	ential Quarte	C	Lackluster eash, quick, & current ratios	
-	Period Ended	3/31/2019	9/30/2018	3/31/2018	9/30/2017	3/31/2017	
-	Current assets £	£1,792,000	£2,113,000	£1,730,000	£2,231,000	£1,604,000	
_	% change	-15.19%	22.14%	-22.46%	39.09%	-39.36%	
_	% of short-term debt	1,261.97%	969.27%	652.83%	785.56%	722.52%	
-	Current liabilities £	£3,739,000	£4,222,000	£4,107,000	£4,339,000	£3,753,000	
	% change	-11.44%	2.80%	-5.35%	15.61%	-18.99%	
	Working capital £	(£1,947,000)	(£2,109,000)	(£2,377,000)	(£2,108,000)	(£2,149,000)	
	% change	7.68%	11.27%	-12.76%	1.91%	-8.10%	
-	% of sales (annualized)	-32.25%	-16.59%	-36.83%	-17.53%	-35.89%	
-	Cash £	£688,000	£1,039,000	£624,000	£1,407,000	£619,000	
-	% change	-33.78%	66.51%	-55.65%	127.30%	-65.15%	
	% of short-term debt	484.51%	476.61%	235.47%	495.42%	278.83%	
	Cash ratio	0.18	0.25	0.15	0.32	0.16	
-	% change	-25.23%	62.01%	-53.16%	96.66%	-56.98%	
-	Quick assets £	£1,644,000	£1,850,000	£1,546,000	£2,132,000	£1,430,000	
	% change	-11.14%	19.66%	-27.49%	49.09%	-41.70%	
	% of short-term debt	1,157.75%	848.62%	583.40%	750.70%	644.14%	
	Quick ratio	0.44	0.44	0.38	0.49	0.38	D
	% change	0.34%	16.42%	-23.40%	28.98%	-28.05%	
	Current ratio	0.48	0.50	0.42	0.51	0.43	D
	% change	-4.24%	18.83%	-18.09%	20.31%	-25.14%	
	Source:	Interim Report 5/16/2019	ARS 12/17/2018	Interim Report 5/16/2019	ARS 12/17/2018	Interim Report 5/18/2017	

Rates of					
eturn have collapsed	Rate of Retu	rn - Seque		s	
Period Ended	6 mos 3/31/2019	6 mos 9/30/2018	6 mos 3/31/2018	6 mos 9/30/2017	6 mos 3/31/2017
Return on equity	-506.53%	827.27%	-99.22%	205.88%	-81.90%
% change	-161.23%	933.79%	-148.19%	351.38%	-117.96%
Return on total assets	-25.42%	1.43%	-3.97%	4.48%	-4.16%
% change	-1,882.57%	135.93%	-188.66%	207.70%	-197.19%
Return on tangible assets	-45.10%	2.76%	-7.70%	8.90%	-7.98%
% change	-1,733.91%	135.85%	-186.52%	211.49%	-197.57%
Source:	Interim Report 5/16/2019	ARS 12/17/2018	Interim Report 5/17/2018	ARS 11/23/2017	Interim Report 5/18/2017

YEAR-OVER-YEAR STATEMENT OF CASH FLOWS

Negative cash from operating activities on a full year basis Statement of Cash Flows - Year-over-Year - Standardized - Year to Date (Thousands of British Pounds) 6 mos 6 mos 6 mos 6 mos 6 mos Period Ended 3/31/2015 3/31/2019 3/31/2018 3/31/2017 3/31/2016 Reclassified 3/31/2017 Cash Flows from Operating Activities: Net income (£1,456,000) (£303,000) (£314,000) (£284,000) (£303,000) Depreciation/depletion 1,215,000 119,000 125,000 112,000 89,000 Non-cash Items 42,000 17,000 113,000 45,000 35,000 Changes in working capital (512,000)(435,000)(404,000)(392,000)(151,000)Total cash from operating activities (711,000)(602,000)(480,000)(519,000)(330,000) Cash Flows from Investing Activities: Capital expenditures (92,000)(104,000)(81,000)(84,000)(71,000)Other investing cash flow items, total 2.000 7.000 1.000 (2,000)19.000 Total cash from investing activities (69,000)(97,000)(91,000)(83,000)(65,000)Cash Flows from Financing Activities: Financing cash flow items (57,000)(95,000)(119,000)(49.000)(52,000)Issuance/retirement of stock, net 92,000 n/a n/a n/a n/a Issuance/retirement of debt, net 505,000 20,000 36,000 (60,000)249,000 Total cash from financing activities 448,000 (75,000)(83,000)(109,000)289,000 Foreign exchange effects (20,000)(6,000)29,000 32,000 (44,000)Net change in cash (352,000)(780,000)(625,000)(679,000)(150,000)Net cash-beginning balance 1,038,000 1,399,000 1,234,000 1,286,000 1,017,000 Net cash-ending balance £686,000 £619,000 £609,000 £607,000 £867,000 Supplemental Disclosures: Cash interest paid £57,000 £77,000 £45,000 £42,000 £70,000 Cash taxes paid, supplemental £9,000 £16,000 £26,000 £30,000 £6,000

5/16/2019

5/17/2018

Interim Report Interim Report Interim Report Interim Report Interim Report

5/18/2017

5/18/2017

5/20/2015

Source:

NEWS ALERTS: A TIMELINE OF CONCERNING NEWS ITEMS

Thomas	Cook Group warned its	annual operating earnings would fall 19%, owing to discounting at its tour
operatin	g business, and suspen	ded its full-year dividend.
11/27/2018	Stock Market Wire	Thomas Cook warns on earnings; suspends dividend
	Cook announced a strate nillion in the three mont	tegic review of its airline business as it reported its operating loss had increased ths ending 12/31/18.
2/7/2019	Stock Market Wire	Thomas Cook announces strategic review of airline business amid Q1 losses
	Cook said it would clos g to book online.	e 21 stores in the UK and cut 320 jobs citing that more and more customers were
3/22/2019	Stock Market Wire	Thomas Cook to cut 320 jobs amid closure of 21 UK stores
_	downgrade reflected it ation in fiscal year 201	s concerns over the company's ability to recover its credit metrics after the sharp 8.
4/26/2019	Moody's Investors Service	Moody's downgrades Thomas Cook's ratings to B3; places ratings under review for downgrade
		increased to negative £1.5 billion, largely due to a £1.1 billion write-down of a et loss of £254.0 million for the same period last year.
5/21/2019	CRMZ News Service	Thomas Cook Group plc – updated financials available
		uch as 36%, the most since 7/12/19. The Company's refinancing will require a
	ignificantly diluting cu	of its tour operator and airline businesses as bank and bond debt is converted into rrent shareholdings.
	-	·
equity, s 8/12/2019 Fitch's derecapital	CRMZ News Service owngrade followed Tho lisation plan with Fosur	rrent shareholdings.
equity, s 8/12/2019 Fitch's derecapital	CRMZ News Service owngrade followed Tho lisation plan with Fosur	Thomas Cook fell the most in a month after warning of ongoing debt issues mas Cook's announcement of the proposed key commercial terms of the Tourism Group, core lending banks and a majority of senior bondholders. As
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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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