Moody's analytics

Better Faster Decisions

Times are Changing...

Be an Essential Partner to Small Businesses

#### **Presenters**



SHAYNE TOBABEN

DIRECTOR

Moody's ANALYTICS



JOHN BAER

MANAGING DIRECTOR

Moody's ANALYTICS



DAVE FESTER

CHIEF MARKETING OFFICER



# Cash Flow Has Always Been a Challenge, But It Got Worse

Cash flow has always been a challenge

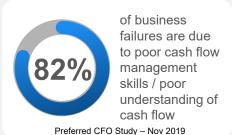
COVID-19 has made it dramatically worse



Wakefield Research survey - Jan 2019



Goldman Sachs Survey - March 24, 2020





Goldman Sachs Survey - March 24, 2020

## Cash Flow Has Always Been a Challenge, But It Got Worse

93%

say it will impact the way their business operates

64%

say their cash reserves will last less than three months

73%

of businesses need at least one month of revenue to REOPEN

Reopening Mainstreet – Moody's Analytics

Survey of 1,790 Goldman Sachs small businesses. April 20, 2020

#### Some Industries More Vulnerable from the COVID-19 Shutdown Than Others

#### Percentage of firms that will survive x months or fewer without help

Most Frequent 6-digit NAICS Code	1 Month	3 Months	6 Months
Highway, Street and Bridge Construction	12	21	32
Engineering Service	14	25	35
Gasoline Stations with Convenience	28	46	62
Activities for Oil & Gas Operations	28	52	71
Construction Contractors	32	52	68
Building Construction	38	60	73
General Freight Trucking	38	64	82
Computer Systems Design Services	41	60	73
Wholesale of Machinery and equipment	44	64	79
Wholesale of Motor Vehicle Supplies	47	76	90
Offices of Doctors and Dentists	47	63	77
Nursing Care Facilities	51	74	87
Supermarkets and Grocery Stores	56	77	88
Restaurants	60	80	89
Offices of Lawyers	61	79	87

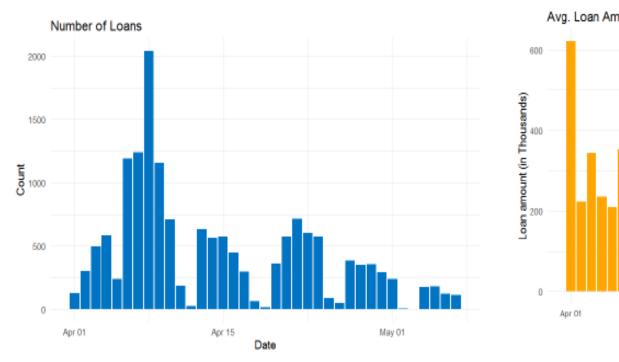
Only **32%** of construction firms will survive 6 months without help

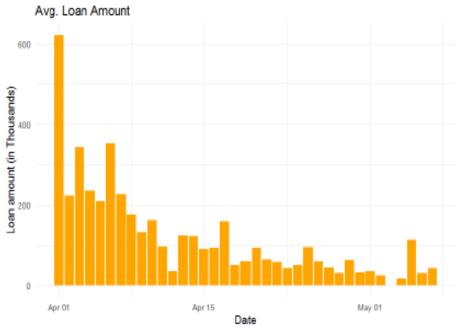
**89%** of Restaurants will make it!

Source: Moody's Analytics

## PPP Loans Helping Delay Inevitable Financing Needs

Moody's Analytics Sample of 20k PPP Loans Issued to Midwest Small Business



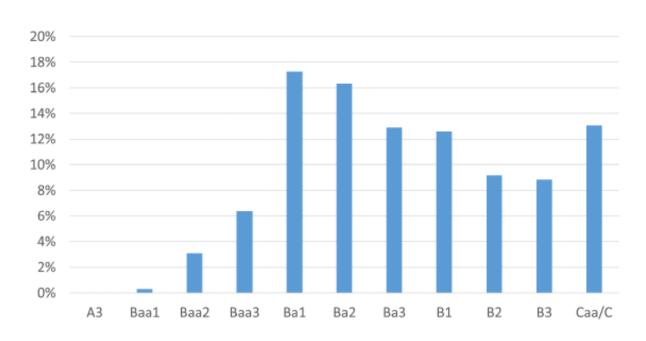


Source: Moody's Analytics

### Despite PPP, Borrower Credit Risk Is Historically Increasing

75% of Private Firm Borrowers Undergo at Least a 2 notch Rating Grade Downgrade

#### PPP Firms Risk Ratings Based on Market, Financial and Trade Data



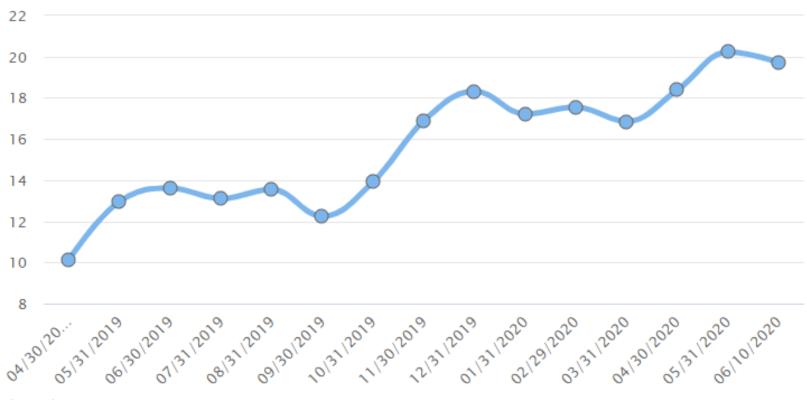
### **Key Risk Drivers**

- » Volatile Oil markets
- » Spike in Unemployment
- » Trade line utilization
- » Past due on payments

Source: Moody's Analytics

### Small Business Payments Are 20 Days Beyond Terms – Is This the Peak?

#### Payment speed - days beyond terms (DBT)



Source: Cortera

# Small Business Challenges

Revenue drop during Covid-19 & limited revenue until fully open

Few even know what they cash flow is

PPP loan was complicated and probably not enough

Probably need additional loans, but unsure how much and when

Don't know how to do what-ifs or longer-term planning



Times are Changing - Be an Essential Partner to Small Businesses, June 2020

# Cash Flow Visibility Significantly Helps Businesses





Understanding cash flow allows us to make decisions today based on where we can project the business will be tomorrow.

Eric Verboncouer
Partner & COO



This is instrumental to all the decisions we are making. We would be operating blind with out the cash flow numbers. It helps us act sooner and faster.



Casey Crowe
President

OPTIMAL



Having a good cash flow process helps us be prepared for the future...We are more confident.

Rachal Ramirez
Business Manager





# **Lender Opportunity**

Unique opportunity to significantly help small business right now in the area they need help the most (cash flow)

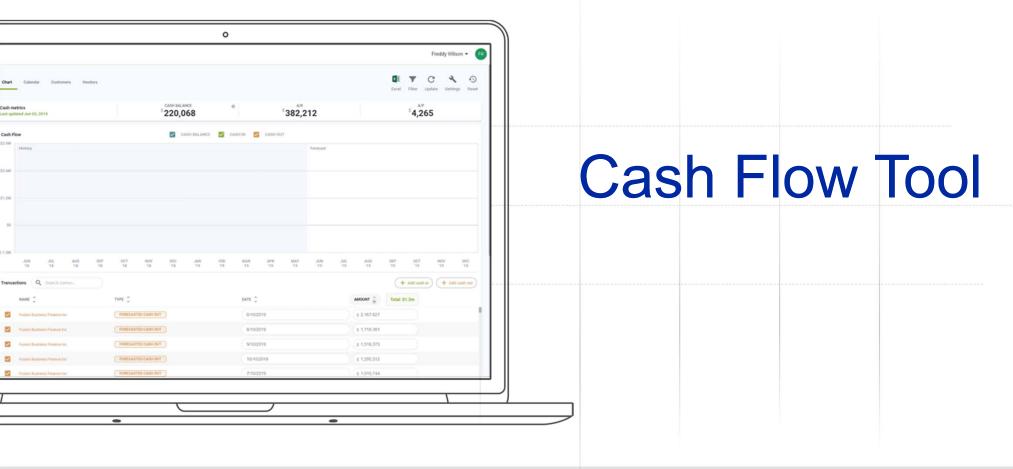
Provide a deeper value-added and proactive connection to your customers

Instantly know the status of your SMB customer's cash flow

Anticipate their loan requirements

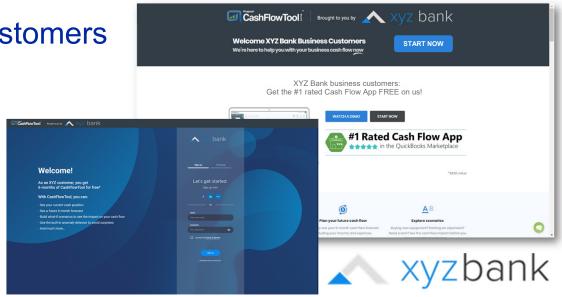
Speed up the loan processing

Become an essential partner to your SMB customer



## Offering CashFlowTool to your customers

- You can offer CashFlowTool for your SMB customers for free
- Turnkey and ready to go immediately
- External service, no IT integration needed
- Brand the service with your bank branding
- Fully branded landing page
- Moody's & Finagraph will do all the onboarding, training and support
- Lender gets a portal to see business status & cash status (what's coming up)





#### Why it's good for Lenders

- ✓ Provide a deeper, value-added connection to your customers
- ✓ Proactively know SMB cash flow needs
- ✓ Faster knowledge of SMB financials (cash flow, ratios, etc.)
- Become a deeper trusted, essential advisor to the SMB
- Available to your customers <u>today</u> just let them know

#### Why it's good for business customers

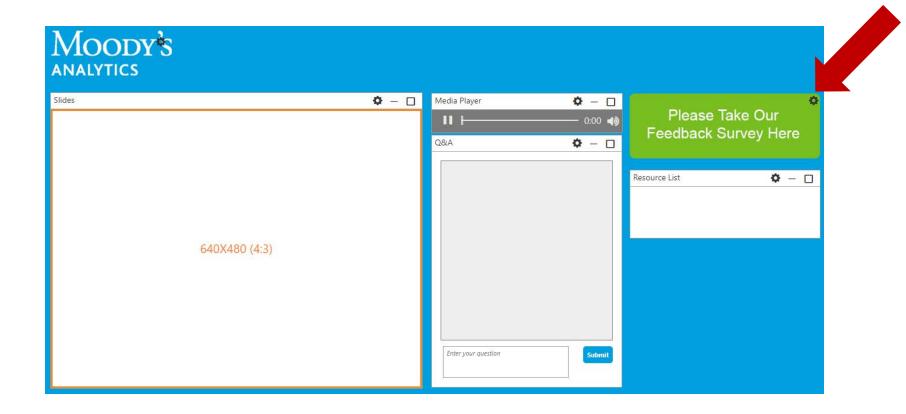
- ✓ Customers get a free (best-in-class) tool to them where it matters most (cash flow)
- ✓ Customer instantly knows their full cash flow picture today and tomorrow
- ✓ They can quickly model slower revenue.
- ✓ Create what-if scenarios (hire/don't hire, cut expenses, etc.)
- ✓ Know when they run out of cash: Get a loan
- ✓ They know the bank/lender has their back and are essential to their biz



# **Summary**

- Unique opportunity to offer turnkey service to your small business customers
- Simple to implement, yet strong value for all small businesses
- Enables proactive, essential partner to customers
- Can be up and running immediately

# We value your feedback



# Q&A

## **Next Steps**

Let's talk about how you can offer this to your customers!



Shayne Tobaben
Shayne.Tobaben@moodys.com
402-344-5246

Moody's analytics

Better Faster Decisions

Wkdqn#rx\$

moodysanalytics.com

© 2020 Moody's Corporation, Moody's Investors Service, Inc., Moody's Analytics, Inc. and/or their licensors and affiliates (collectively, "MOODY'S"). All rights reserved.

CREDIT RATINGS ISSUED BY MOODY'S INVESTORS SERVICE, INC. AND/OR ITS CREDIT RATINGS AFFILIATES ARE MOODY'S CURRENT OPINIONS OF THE RELATIVE FUTURE CREDIT RISK OF ENTITIES, CREDIT COMMITMENTS, OR DEBT OR DEBT-LIKE SECURITIES, AND MATERIALS, PRODUCTS, SERVICES AND INFORMATION PUBLISHED BY MOODY'S (COLLECTIVELY, "PUBLICATIONS") MAY INCLUDE SUCH CURRENT OPINIONS. MOODY'S INVESTORS SERVICE DEFINES CREDIT RISK AS THE RISK THAT AN ENTITY MAY NOT MEET ITS CONTRACTUAL FINANCIAL OBLIGATIONS AS THEY COME DUE AND ANY ESTIMATED FINANCIAL LOSS IN THE EVENT OF DEFAULT OR IMPAIRMENT. SEE MOODY'S RATING SYMBOLS AND DEFINITIONS PUBLICATION FOR INFORMATION ON THE TYPES OF CONTRACTUAL FINANCIAL OBLIGATIONS ADDRESSED BY MOODY'S INVESTORS SERVICE CREDIT RATINGS. CREDIT RATINGS DO NOT ADDRESS ANY OTHER RISK, INCLUDING BUT NOT LIMITED TO: LIQUIDITY RISK, MARKET VALUE RISK, OR PRICE VOLATILITY, CREDIT RATINGS, NON-CREDIT ASSESSMENTS ("ASSESSMENTS"), AND OTHER OPINIONS INCLUDED IN MOODY'S PUBLICATIONS ARE NOT STATEMENTS OF CURRENT OR HISTORICAL FACT. MOODY'S PUBLICATIONS MAY ALSO INCLUDE QUANTITATIVE MODEL-BASED ESTIMATES OF CREDIT RISK AND RELATED OPINIONS OR COMMENTARY PUBLISHED BY MOODY'S ANALYTICS, INC. AND/OR ITS AFFILIATES. MOODY'S CREDIT RATINGS, ASSESSMENTS, OTHER OPINIONS AND PUBLICATIONS DO NOT CONSTITUTE OR PROVIDE INVESTMENT OR FINANCIAL ADVICE, AND MOODY'S CREDIT RATINGS, ASSESSMENTS, OTHER OPINIONS AND PUBLICATIONS ARE NOT AND DO NOT PROVIDE RECOMMENDATIONS TO PURCHASE, SELL, OR HOLD PARTICULAR SECURITIES. MOODY'S CREDIT RATINGS, ASSESSMENTS, OTHER OPINIONS AND PUBLICATIONS DO NOT COMMENT ON THE SUITABILITY OF AN INVESTMENT FOR ANY PARTICULAR INVESTOR. MOODY'S ISSUES ITS CREDIT RATINGS, ASSESSMENTS AND OTHER OPINIONS AND PUBLISHES ITS PUBLICATIONS WITH THE EXPECTATION AND UNDERSTANDING THAT EACH INVESTOR WILL, WITH DUE CARE, MAKE ITS OWN STUDY AND EVALUATION OF EACH SECURITY THAT IS UNDER CONSIDERATION FOR PURCHASE, HOLDING, OR SALE.

MOODY'S CREDIT RATINGS, ASSESSMENTS, OTHER OPINIONS, AND PUBLICATIONS ARE NOT INTENDED FOR USE BY RETAIL INVESTORS AND IT WOULD BE RECKLESS AND INAPPROPRIATE FOR RETAIL INVESTORS TO USE MOODY'S CREDIT RATINGS, ASSESSMENTS, OTHER OPINIONS OR PUBLICATIONS WHEN MAKING AN INVESTMENT DECISION. IF IN DOUBT YOU SHOULD CONTACT YOUR FINANCIAL OR OTHER PROFESSIONAL ADVISER.

ALL INFORMATION CONTAINED HEREIN IS PROTECTED BY LAW, INCLUDING BUT NOT LIMITED TO, COPYRIGHT LAW, AND NONE OF SUCH INFORMATION MAY BE COPIED OR OTHERWISE REPRODUCED, REPACKAGED, FURTHER TRANSMITTED, TRANSFERRED, DISSEMINATED, REDISTRIBUTED OR RESOLD, OR STORED FOR SUBSEQUENT USE FOR ANY SUCH PURPOSE, IN WHOLE OR IN PART, IN ANY FORM OR MANNER OR BY ANY MEANS WHATSOEVER, BY ANY PERSON WITHOUT MOODY'S PRIOR WRITTEN CONSENT.

MOODY'S CREDIT RATINGS, ASSESSMENTS, OTHER OPINIONS AND PUBLICATIONS ARE NOT INTENDED FOR USE BY ANY PERSON AS A BENCHMARK AS THAT TERM IS DEFINED FOR REGULATORY PURPOSES AND MUST NOT BE USED IN ANY WAY THAT COULD RESULT IN THEM BEING CONSIDERED A BENCHMARK.

All information contained herein is obtained by MOODY'S from sources believed by it to be accurate and reliable. Because of the possibility of human or mechanical error as well as other factors, however, all information contained herein is provided "AS IS" without warranty of any kind. MOODY'S adopts all necessary measures so that the information it uses in assigning a credit rating is of sufficient quality and from sources MOODY'S considers to be reliable including, when appropriate, independent third-party sources. However, MOODY'S is not an auditor and cannot in every instance independently verify or validate information received in the rating process or in preparing its Publications.

To the extent permitted by law, MOODY'S and its directors, officers, employees, agents, representatives, licensors and suppliers disclaim liability to any person or entity for any indirect, special, consequential, or incidental losses or damages whatsoever arising from or in connection with the information contained herein or the use of or inability to use any such information, even if MOODY'S or any of its directors, officers, employees, agents, representatives, licensors or suppliers is advised in advance of the possibility of such losses or damages, including but not limited to: (a) any loss of present or prospective profits or (b) any loss or damage arising where the relevant financial instrument is not the subject of a particular credit rating assigned by MOODY'S.

To the extent permitted by law, MOODY'S and its directors, officers, employees, agents, representatives, licensors and suppliers disclaim liability for any direct or compensatory losses or damages caused to any person or entity, including but not limited to by any negligence (but excluding fraud, willful misconduct or any other type of liability that, for the avoidance of doubt, by law cannot be excluded) on the part of, or any contingency within or beyond the control of, MOODY'S or any of its directors, officers, employees, agents, representatives, licensors or suppliers, arising from or in connection with the information contained herein or the use of or inability to use any such information contained herein or the use of or inability to use any such information.

NO WARRANTY, EXPRESS OR IMPLIED, AS TO THE ACCURACY, TIMELINESS, COMPLETENESS, MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OF ANY CREDIT RATING, ASSESSMENT, OTHER OPINION OR INFORMATION IS GIVEN OR MADE BY MOODY'S IN ANY FORM OR MANNER WHATSOEVER.

Moody's Investors Service, Inc., a wholly-owned credit rating agency subsidiary of Moody's Corporation ("MCO"), hereby discloses that most issuers of debt securities (including corporate and municipal bonds, debentures, notes and commercial paper) and preferred stock rated by Moody's Investors Service, Inc. have, prior to assignment of any credit rating, agreed to pay to Moody's Investors Service, Inc. for credit ratings opinions and services rendered by it fees ranging from \$1,000 to approximately \$2,700,000. MCO and Moody's investors Service also maintain policies and procedures to address the independence of Moody's Investors Service also regarding certain affiliations that may exist between directors of MCO and rated entities, and between entities who hold credit ratings from Moody's Investors Service and have also publicly reported to the SEC an ownership interest in MCO of more than 5%, is posted annually at <a href="https://www.moodys.com">www.moodys.com</a> under the heading "Investor Relations — Corporate Governance — Director and Shareholder Affiliation Policy."

Additional terms for Australia only: Any publication into Australia of this document is pursuant to the Australian Financial Services License of MOODY'S affiliate, Moody's Investors Service Pty Limited ABN 61 003 399 657AFSL 336969 and/or Moody's Analytics Australia Pty Ltd ABN 94 105 136 972 AFSL 336969 and/or Moody's Analytics Australia Pty Ltd ABN 94 105 136 972 AFSL 336969 and/or Moody's braining of section 761G of the Corporations Act 2001. By continuing to access this document from within Australia, you represent to MOODY'S that you are, or are accessing the document as a representative of, a "wholesale client" and that neither you nor the entity you represent will directly or indirectly disseminate this document or its contents to "retail clients" within the meaning of section 761G of the Corporations Act 2001. MOODY'S credit rating is an opinion as to the creditworthiness of a debt obligation of the issuer, not on the equity securities of the issuer or any form of security that is available to retail investors.

Additional terms for Japan only: Moody's Japan K.K. ("MJKK") is a wholly-owned credit rating agency subsidiary of Moody's Group Japan G.K., which is wholly-owned by Moody's Overseas Holdings Inc., a wholly-owned subsidiary of MCO. Moody's SF Japan K.K. ("MSFJ") is a wholly-owned credit rating agency subsidiary of MJKK, MSFJ is not a Nationally Recognized Statistical Rating Organization ("NRSRO"). Therefore, credit ratings assigned by MSFJ are Non-NRSRO Credit Ratings. Non-NRSRO Credit Ratings are assigned by an entity that is not a NRSRO and, consequently, the rated obligation will not qualify for certain types of treatment under U.S. laws. MJKK and MSFJ are credit rating agencies registered with the Japan Financial Services Agency and their registration numbers are FSA Commissioner (Ratings) No. 2 and 3 respectively.

MJKK or MSFJ (as applicable) hereby disclose that most issuers of debt securities (including corporate and municipal bonds, debentures, notes and commercial paper) and preferred stock rated by MJKK or MSFJ (as applicable) have, prior to assignment of any credit rating, agreed to pay to MJKK or MSFJ (as applicable) for credit ratings opinions and services rendered by it fees ranging from JPY125,000 to approximately JPY250,000,000.

MJKK and MSFJ also maintain policies and procedures to address Japanese regulatory requirements.