
Place Matters

September 2019

Small Business Financial Health in Urban Communities

Executive Summary



JPMORGAN CHASE & CO.
INSTITUTE

Executive Summary

Diana Farrell
Christopher Wheat
Carlos Grandet

Community characteristics are important correlates of small business financial outcomes.

Small businesses can make substantial contributions to the economic growth and dynamism of the places where they operate. However, small businesses are also often affected by the characteristics of the communities in which they operate. Communities with more resources can create a favorable ecosystem for small businesses to thrive, while communities with fewer resources may have less economic activity. Within metro areas, communities vary widely in economic and social characteristics that could create different experiences for the small businesses that

operate in them. Understanding the nature of this variation and its effect on small businesses is critical to the development of policies that promote small business success.

This report aims to inform differences in financial outcomes in the small business sector across communities in the largest metro areas of the United States. In doing so, it provides a granular view of differences in the performance of small businesses by two key indicators: profit margin and cash buffer days. It also analyzes the impact of socioeconomic conditions of a community on small

business financial performance. The report aims to inform the specific challenges of communities within cities, as well as contribute to a wider understanding of the community characteristics behind the success of small businesses in urban America.



Communities vary widely in economic and social characteristics that could create different experiences for small businesses.

Our findings are six-fold:

Finding 1: In the typical community, 29 percent of small businesses were unprofitable, and 47 percent had two weeks or less of cash liquidity.

Finding 2: Nearly 70 percent of communities where small businesses had limited cash liquidity in 2013 also had small businesses with limited cash liquidity in 2017.

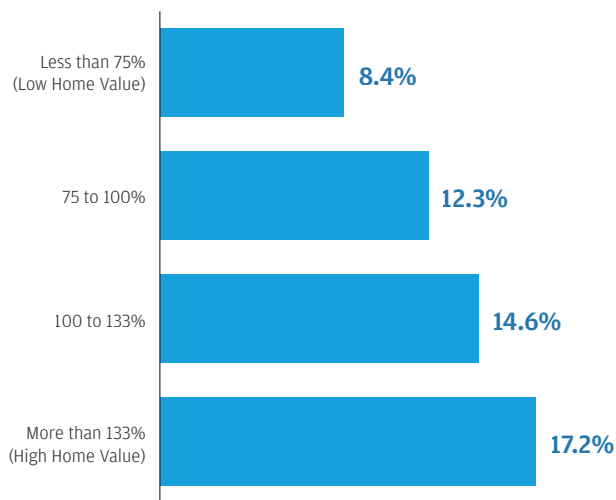
Finding 3: Small businesses in low home value communities had seven fewer cash buffer days than those in high home value communities. However, they had similar exit rates.

Finding 4: Profit margins for small businesses in communities with few college graduates were over 10 percentage points lower than those in communities with many college graduates.

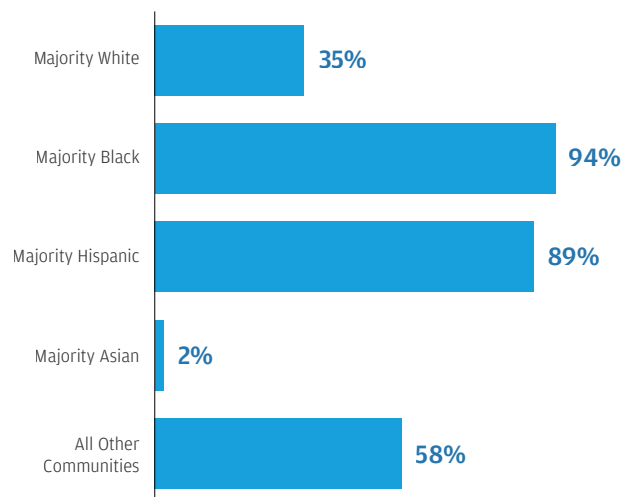
Finding 5: In all majority Black or Hispanic communities, most small businesses had fewer than twenty-one cash buffer days.

Finding 6: Communities where small businesses had limited profits and cash liquidity rarely had large high-tech or other professional firms, but often had large retail or health care services firms.

Median profit margin by normalized home value



Share of communities where most small businesses have fewer than 14 cash buffer days by community racial composition



Source: JPMorgan Chase Institute

These findings suggest that the socioeconomic and industry composition of a community have a meaningful impact on the financial health of small businesses and their ability to contribute to broad-based economic growth.

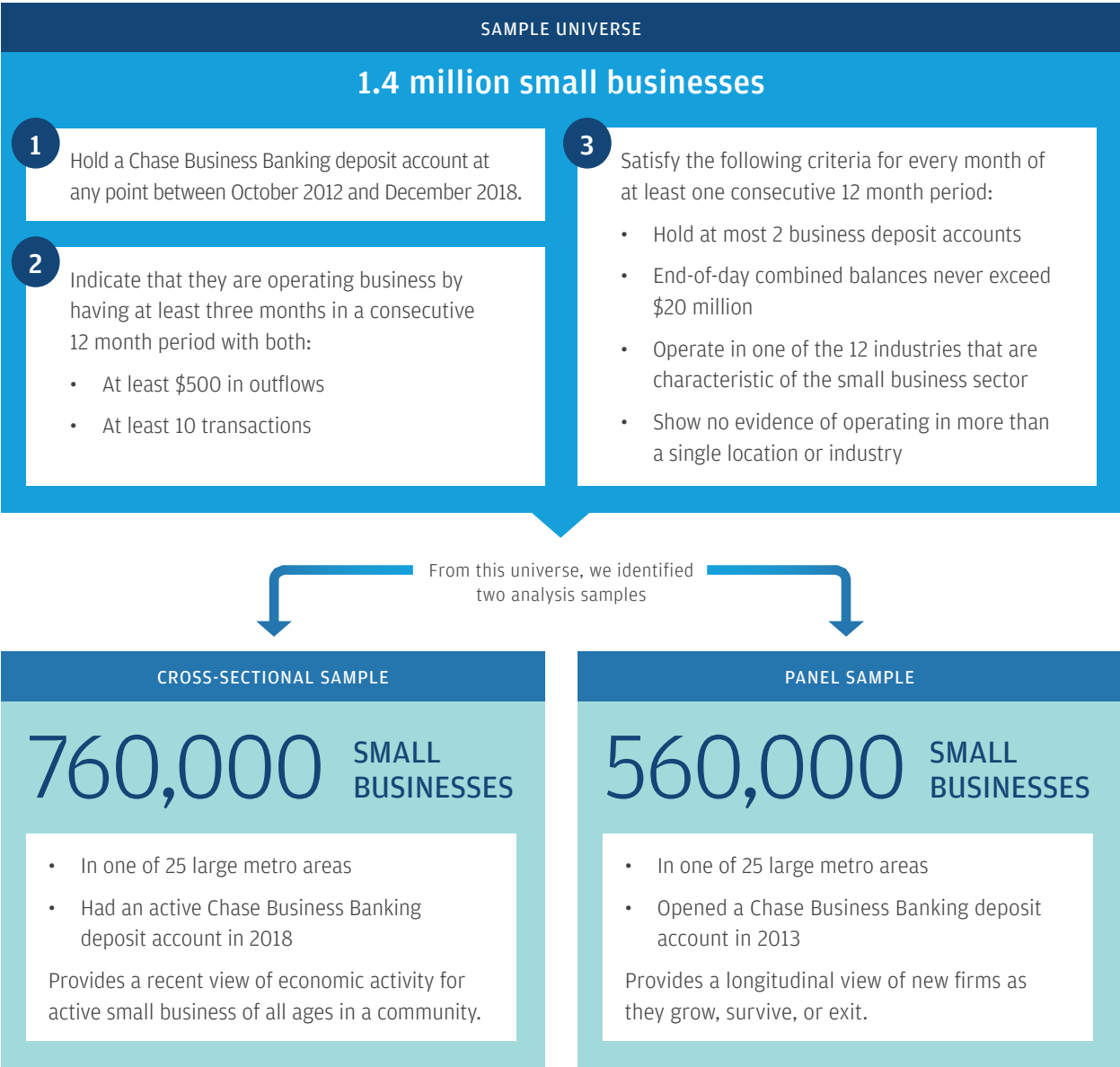
Data Asset

This report leverages two samples to generate insights—a panel sample of small businesses of any age active in 2013, and a cross-sectional sample of businesses operating in 2018.

The panel sample consists of 560,000 firms that have Chase Business Banking deposit accounts located in

25 metropolitan areas in the U.S. We track their outcomes in terms of cash liquidity, profit margin, and exit (see Glossary for definitions) from 2013 to 2017. This panel sample allows us to observe the outcomes of firms with various ages across time in order to characterize the small business sector across cities and determine

differences in performance. The cross-sectional sample consists of 760,000 firms that were operating in 2018 in one of 25 metropolitan areas. This sample allows us observe the financial outcomes of firms of all ages in 2018 and aggregate their performance at the ZIP code level.



These samples are based on business deposit accounts and not on employment records, which allow our data to provide insights on the vast majority of small businesses that do not have paid employees. Only 2.5 percent of nonemployers become employers in their first year of operations and the rate of transition to employment declines as they mature (Farrell et

al., 2018). While most firms in our sample are nonemployers, they are nevertheless sufficiently formal to have business banking deposit accounts. We do not capture informal businesses that operate only through cash or personal deposit accounts.

Finally, our sample includes firms in ZIP codes that have a sufficiently large number of firms in each of the

two samples across the 25 metro areas where we have the highest number of firms in our sample. The selection of 25 metro areas is based on a prior report that characterized the growth and vitality of the overall small business sector (Farrell et al., 2018). Some large metropolitan areas where Chase does not operate branches are absent from our sample.

Figure 1: Metropolitan areas in our sample



Source: JPMorgan Chase Institute

Acknowledgments

We are also grateful for the invaluable constructive feedback we received both from internal colleagues and external academic and industry policy experts, including but not limited to Dave Blaszkiwicz, Bill Fulton, Andrew Marcus, Lisa Riley, and Brett Theodos. We are deeply grateful for their generosity of time, insight, and support.

This effort would not have been possible without the diligent and ongoing support of our partners from the JPMorgan Chase Consumer and Community Bank and Corporate Technology teams of data experts, including, but not limited to, Howard Allen, Anoop Deshpande, Andrew Goldberg, Senthilkumar Gurusamy, Derek Jean-Baptiste, Ram Mohanraj, Stella Ng, Subhankar Sarkar, and Melissa Goldman. The project, which encompasses far more than the report itself, also received

indispensable support from our internal partners in the JPMorgan Chase Institute team, including Elizabeth Ellis, Alyssa Flaschner, Anna Garnitz, Carolyn Gorman, Courtney Hacker, Sarah Kuehl, Caitlin Legacki, Chi Mac, Sruthi Rao, Carla Ricks, Tremayne Smith, Gena Stern, Maggie Tarasovitch, Nicholas Tremper, and Preeti Vaidya.

Finally, we would like to acknowledge Jamie Dimon, CEO of JPMorgan Chase & Co., for his vision and leadership in establishing the Institute and enabling the ongoing research agenda. Along with support from across the firm—notably from Peter Scher, Max Neukirchen, Joyce Chang, Marianne Lake, Jennifer Piepszak, Lori Beer, and Judy Miller—the Institute has had the resources and support to pioneer a new approach to contribute to global economic analysis and insight.

Suggested Citation

Farrell, Diana, Christopher Wheat, and Carlos Grandet. 2019. “Place Matters: Small Business Financial Health in Urban Communities” JPMorgan Chase Institute. <https://www.jpmorganchase.com/corporate/institute/report-place-matters.htm>.

For more information about the JPMorgan Chase Institute or this report, please see our website www.jpmorganchaseinstitute.com or e-mail institute@jpmchase.com.

This material is a product of JPMorgan Chase Institute and is provided to you solely for general information purposes. Unless otherwise specifically stated, any views or opinions expressed herein are solely those of the authors listed and may differ from the views and opinions expressed by J.P. Morgan Securities LLC (JPMS) Research Department or other departments or divisions of JPMorgan Chase & Co. or its affiliates. This material is not a product of the Research Department of JPMS. Information has been obtained from sources believed to be reliable, but JPMorgan Chase & Co. or its affiliates and/or subsidiaries (collectively J.P. Morgan) do not warrant its completeness or accuracy. Opinions and estimates constitute our judgment as of the date of this material and are subject to change without notice. The data relied on for this report are based on past transactions and may not be indicative of future results. The opinion herein should not be construed as an individual recommendation for any particular client and is not intended as recommendations of particular securities, financial instruments, or strategies for a particular client. This material does not constitute a solicitation or offer in any jurisdiction where such a solicitation is unlawful.

JPMORGAN CHASE & CO.

©2019 JPMorgan Chase & Co. All rights reserved. This publication or any portion hereof may not be reprinted, sold, or redistributed without the written consent of J.P. Morgan. www.jpmorganchaseinstitute.com