Entrepreneurs in the United States remind us of fundamentally American qualities: an innovative spirit and dynamism that creates jobs and spurs research and development. And though the contributions of entrepreneurs vary widely, the data broadly corroborate that they do, in fact, add value to the U.S. economy. More specifically, entrepreneurs are an important source of job creation, innovation, increased business dynamism that supports competitive labor markets, and economic mobility for those seeking a pathway to the middle class.

However, in contrast to the broad belief that the United States is a leader in entrepreneurial activity, evidence suggests otherwise. Examining data on young firms—the engine of job creation—indicates a decline for several decades in the United States. There is a downward trend in both the number of young firms as a percentage of all businesses and young firms’ share of job creation and employment (Figure 1). We see the same downward trend in many different industries, such as construction, retail trade, agriculture, and services. And on a comparative basis,
the United States stacks up poorly: Relative to Organisation for Economic Co-operation and Development (OECD) countries, the United States ranks third from the bottom in terms of new business formation as of 2013.\(^8\)

**Recent Trends Reflect Challenges and Opportunities**

There are many reasons for this decline; scholars have pointed to a variety of factors, including increasing market concentration,\(^9\) changes in population growth\(^10\) and aging,\(^11\) and access to financing and education.\(^12\) Regardless of the reasons, it is clear that the trend is at odds with the quintessential view of America as an entrepreneurial leader. The pandemic has tested the capacity of new and existing small businesses in the United States. Amid the coronavirus disease 2019 (COVID-19) pandemic and associated stimulus legislation (e.g., P.L. 116-136, 2020, the Coronavirus Aid, Relief, and Economic Security [CARES] Act), the U.S. economy is seeing a surge in new business creation (alongside substantial losses and uncertainty for existing small businesses).\(^13\) The number of high-propensity business applications—those most likely to turn into a business with payroll—were around 190,000 in the third quarter of 2020, the highest level of this type of application since these data began to be tracked in 2004; January 2021 data similarly reflected elevated levels of these high-propensity business applications (Figure 2).\(^14\)

What remains to be seen is how these trends will evolve, as well as how these applications translate into successful business formation. If some entrepreneurs are starting businesses primarily out of economic necessity, as some data suggest,\(^15\) that may not bode well for their longer-term prospects.\(^16\) Moreover, if those who are starting new businesses do not have what they need to succeed, they may help perpetuate the existing pattern in the United States of a decline in the number of new high-growth firms (those that grow rapidly and significantly contribute to job
The pandemic has added another layer of complexity because the resulting economic downturn in spring 2020 forced many small businesses to close, while those that have survived the pandemic’s toll are still struggling with reduced demand, uncertainty, and pessimism about the future.

**A Critical Moment for U.S. Entrepreneurial Leadership**

The United States is at a critical moment in terms of its economic future, characterized by massive disruption to existing businesses and creation of new businesses. To foster a supportive environment for young firms, we need to know what works. This involves a deeper examination of macroeconomic conditions in the United States (e.g., population growth and aging and how these affect firm dynamics¹⁹), microeconomic policies in the United States (e.g., optimal taxation, health care, and regulatory conditions²⁰ and increased support for would-be entrepreneurs in the form of financing, advice, education, and peer exposure²¹), and global factors that correlate with entrepreneurial outcomes (e.g., changes in market concentration and economic development²²).

It is also important to look at the characteristics of new business owners themselves. In addition to the demographic dimensions,²³ researchers have begun to unpack the roles of other characteristics, such as personality traits,²⁴ social networks,²⁵ rural versus urban contexts,²⁶ and immigrant status.²⁷ Doing so can allow researchers to identify the underlying mechanisms for successful new businesses, particularly those that might be cultivated or replicated more broadly, as well as ways to mitigate barriers to success for new businesses, particularly for certain demographic groups.

Current economic challenges dictate a deeper examination of the ideas that many in the United States hold about its entrepreneurial exceptionalism. This examination must be grounded in new research and policies to create conditions that can better support new businesses, such as a deeper exploration of the underlying determinants of entrepreneurial success and scaling up the most-promising programs and practices. Such efforts would increase economic growth and help expand economic opportunity for all workers.²⁸
Notes

1 Haltiwanger et al., 2017; Haltiwanger, Jarmin, and Miranda, 2013; Decker et al., 2014.

2 Foster and Norman, 2016; Acemoglu et al., 2018; Alon et al., 2018.

3 Wessel, 2018; Haltiwanger et al., 2018; Shambaugh, Nunn, and Liu, 2018.

4 Yellen, 2014.

5 When considering entrepreneurial activity, there are two dimensions that are often considered relevant: firm size (e.g., small businesses) and firm age (e.g., young businesses). This discussion follows Decker et al. (2014), which provides an in-depth discussion of why firm age is more relevant than firm size for job creation. Though outside the scope of this paper, recent evidence from Guzman and Stern (2020) introduces additional measures of entrepreneurial quality.

6 Decker et al., 2014; Shambaugh et al., 2018, Figure 10A.

7 Shambaugh et al., 2018, Figure 9.

8 OECD, 2016, Figure 4.1.


10 Hopenhayn, Neira, and Singhania, 2018; Karahan, Pugsley, and Şahin, 2019.


16 See Fairlie and Fossen, 2019, for a discussion of “opportunity” versus “necessity” entrepreneurs.

17 Sterk, Sedláček, and Pugsley, 2021; Decker et al., 2016; Fairlie and Desai, 2020.


20 Ardagna and Lusardi, 2010.


23 Fairlie and Desai, 2020; Liang, Wang, and Lazear, 2018; Jarmin and Krizan, 2010; Shambaugh et al., 2018, Figure 12.

24 Kerr, Kerr, and Dalton, 2019.


27 Azoulay et al., 2020.

28 Yellen, 2014.
References


OECD—See Organisation for Economic Co-operation and Development.


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About This Perspective

This Perspective describes recent trends in entrepreneurial activity in the United States, such as the formation of new businesses and their share of job creation. The trends show that entrepreneurial activity is declining and that the United States lags most other Organisation for Economic Co-operation and Development countries. The authors highlight the challenges and opportunities that new and existing small businesses face as a result of the coronavirus disease 2019 pandemic, and they frame further avenues for research that would be valuable as U.S. policymakers seek to support these firms in the wake of recent massive disruption to the economy.

This Perspective is one in a multipart series that identifies problems related to the middle class, defines key terms, and determines research needs to support effective pathways to the middle class. It will be of interest to policymakers, practitioners, and the general public who wish to be able to benchmark growth and decline in the U.S. middle class.

Funding

Funding for this research was made possible by the Lowy family, whose generous gift established the RAND Lowy Family Middle-Class Pathways Center in 2021.

RAND Lowy Family Middle-Class Pathways Center

This research was conducted within the RAND Lowy Family Middle-Class Pathways Center. The center aims to identify ways to create and sustain middle-class employment in the face of rapidly changing labor-market conditions. The center is part of RAND Education and Labor, a division of the RAND Corporation that conducts research on early childhood through postsecondary education programs, workforce development, and programs and policies affecting workers, entrepreneurship, and financial literacy and decisionmaking.

For more information about the RAND Lowy Family Middle-Class Pathways Center, visit www.rand.org/mcpc. For more information on RAND Education and Labor, visit www.rand.org/education-and-labor.