Indicators of Entrepreneurial Activity: 2023

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Abstract: Up-to-date information on trends in entrepeneurship are not readily available. This paper creates and reports trends for two important indicators of entrepreneurial activity through the end of 2023. Trends from 1996–2023 are examined for two measures: (i) the new entrepreneurship rate which captures the share of new entrepreneurs in a given month out of the population, and (ii) the opportunity share of new entrepreneurs which captures the percentage of new entrepreneurs who created their businesses out of opportunity instead of necessity. The measures were included in the discountinued series, the Kauffman Early-Stage Entrepreneurship (KESE) Index (reported in Early-Stage Entrepreneurship in the United States). The KESE series was previously known as the Kauffman Index of Entrepreneurial Activity and The Kauffman Index of Startup Activity. In 2023, the new entrepreneurship rate was 0.35 percent and the opportunity share was 85.2 percent. Both of these measures of entrepreneurship continued a return to pre-pandemic levels in 2023. The opportunity share dropped precipitously in the pandemic. In 2023, Entrepreneurship rates were the highest for men, Latinx Americans, and immigrants relative to their comparison groups, whereas opportunity shares were the highest for women, Asian Americans, and immigrants. Among states, Florida (0.60 percent), Texas (0.47 percent) and California (0.47 percent) had the highest new entrepreneurship rates in 2023 whereas Minnesota (0.17 percent), Kansas (0.18 percent), and Wisconsin (0.18 percent) had the lowest entrepreneurship rates. The opportunity share was the highest in Minnesota (97.2 percent), Iowa (95.5 percent), and Utah (94.6 percent), and the lowest in the District of Columbia (69.3 percent), Rhode Island (73.3 percent), Virginia (75.3 percent), and Indiana (75.3 percent).

1. Introduction

Measuring trends in entrepreneurship is important for taking the pulse of the U.S. economy but there is a lack of up-to-date information from high-quality nationally representative sources. This paper creates and reports trends for two important indicators of entrepreneurial activity using the most timely available data available. The indicators of entrepreneurial activity created here capture early-stage entrepreneurial activity through the end of 2023. They include two key measures of entrepreneurial activity: (i) the new entrepreneurship rate which captures the broadest measure possible for business creation by the population. (ii) the opportunity share of new entrepreneurs which captures the percentage of new entrepreneurs who created a business out of choice or opportunity instead of necessity. Each of these indicators is based on a nationally representative sample of more than a half-million observations each year from underlying microdata produced by the U.S. Census Bureau and U.S. Bureau of Labor Statistics. The measures are not published by any government agency and are calculated from compiled and matched microdata.

The two measures were included in the discountinued series, the Kauffman Early-Stage Entrepreneurship (KESE) Index reported in *Early-Stage Entrepreneurship in the United States*.¹ Prior to the KESE reports, the two measures were included in the discountinued series, the *Kauffman Index of Entrepreneurial Activity* and The *Kauffman Index of Startup Activity*.

National trends from 1996 to 2023 are reported for the two indicators as well as trends for major demographic groups (i.e. race, gender, and nativity). These data are the only available information on demographic characteristics of business owners that are released within one month of data collection. I also report state trends in both indicators.

The New Entrepreneurship Rate

The new entrepreneurship rate provides a broad measure of entrepreneurship, capturing all new business owners, regardless of business size or origin. As such, it includes businesses of all types, regardless of their growth potential or the intentions of their owners. It captures all new business owners, including those who own incorporated or unincorporated businesses, and those who are employers or non-employers.²

The new entrepreneurship rate captures the percentage of the adult, non-business owner population that starts a business each month. New business owners are defined here as those individuals who worked an average of 15 or more hours per week in their businesses in the preceding month. This measure is calculated from compiled microdata from the Current Population Survey (CPS), a monthly survey of the U.S. Bureau of the Census and Bureau of Labor Statistics.

¹ See <u>https://indicators.kauffman.org/wp-content/uploads/sites/2/2022/03/2021-Early-State-Entrepreneurship-National-Report.pdf</u> and <u>https://indicators.kauffman.org/series/earlystage</u>.

² Business-level data from the Comprehensive Startup Panel (CSP) indicate that roughly 11 percent of all business entity startups in the U.S. economy each year are employer startups, 76 percent are sole proprietorships with no employees, and 13 percent are incorporated or partnerships with no employees (Fairle et al. 2023).

The Opportunity Share of New Entrepreneurs

The opportunity share of new entrepreneurs provides broad insight into the influence of economic conditions on overall business creation among new entrepreneurs. It distinguishes between individuals who are "opportunity entrepreneurs"—including those coming out of work, school, or another labor market status—and individuals who are "necessity entrepreneurs" due to unemployment.³ The opportunity share of new entrepreneurs reflects the percent of the total number of new entrepreneurs who were not unemployed and not looking for a job as they started a new business. Although the motivations for starting businesses can differ (and can be seen in the context of weak economic conditions and high unemployment rates), necessity businesses could eventually become very successful. This measure is calculated from compiled microdata from the Current Population Survey (CPS), a monthly survey of the U.S. Bureau of the Census and Bureau of Labor Statistics.

2. National Trends in the New Entrepreneurship Rate

The new entrepreneurship rate reflects how many adults start a business, on average each month, in a year. Figure 1.A and Appendix Table 1 presents the new entrepreneurship rate from 1996 to 2023.⁴ In 2023, an average of 0.35 percent of the adult population, or 350 out of 100,000 adults, created a new business each month.⁵

The new entrepreneurship rate remained higher than pre-pandemic levels after the sharp increase from 2019 to 2020 in the first year of the pandemic.⁶ During tumultuous times such as the COVID-19 pandemic, the new entrepreneurship rate can increase substantially as businesses close and restart, and workers are laid off and turn to part-time business activities. The measure is based on month-to-month movement into new business activity. The large-scale damage to the economy that began near the end of March 2020 showed up in more movement into and out of self-employment and new business activity during 2020 than in previous years. The Great Recession also witnessed an increase in the new entrepreneurship rate, but this increase was much smaller than the unprecedented pandemic-induced recession of 2020. The new entrepreneurship rate might be at a higher plateau after the pandemic. But, there does appear to be somewhat of a return to pre-pandemic levels over the past few years.

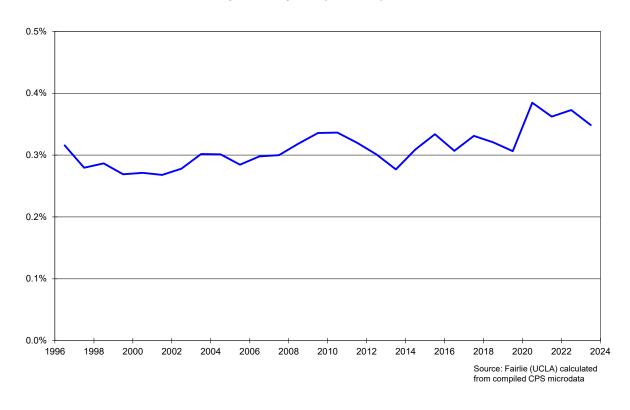
³ See Fairlie and Fossen (2019).

⁴ The entrepreneurship index is the percent of individuals (ages 20-64) who do not own a business in the first survey month that start a business in the following month with 15 or more hours worked. All observations with allocated labor force status, class of worker, and hours worked variables are excluded.

⁵ Estimates of annual new entrepreneurship rates would be approximately six to eight times higher. They are not twelve times higher than monthly rates because an individual could start and exit the business multiple times in the same year. See Fairlie and Desai (2022).

⁶ Monthly data indicate an extremely large drop in self-employed business activity in April 2020 and partial rebounds in May and June 2020 (Fairlie 2020).

Figure 1.A New Entrepreneurship Rate (1996-2023)



Demographic Trends in the New Entrepreneurship Rate

The new entrepreneurship rate increased sharply in the first year of the pandemic and remained at a higher level through 2023 for both women and men. Figure 1.B shows these trends (also see Appendix Table 1). For women, the new entrepreneurship rate increased from 0.23 percent in 2019 to 0.30 percent in 2020, and remained at a higher level at 0.28 percent in 2021 and 2022 but dropped to 0.26 in 2023. For men, it increased from 0.38 percent in 2019 to 0.48 percent in 2020, and is returning to pre-pandemic levels (currently at 0.44 percent in 2023).

Overall, men are substantially more likely to start businesses than women. In 2019, before the pandemic, 380 out of every 100,000 men became new entrepreneurs in a given month, compared to 230 out of 100,000 women. The large gender gap in new entrepreneurship rates has been persistent over the past 25 years and continued in 2023.

Figure 1.B New Entrepreneurship Rate by Sex (1996-2023)

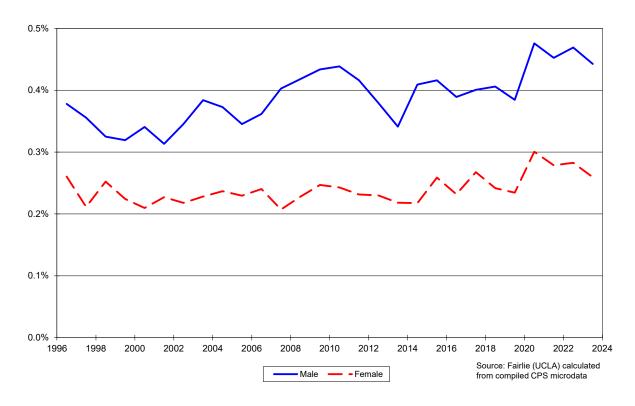


Figure 2 and Appendix Table 2 provide estimates of the new entrepreneurship rate by race and ethnicity. The new entrepreneurship rate increased substantially for all race and ethnic groups in the first year of the pandemic. The rates for Black and Latinx Americans remain higher in 2023 than pre-pandmic levels. For white and Asian Americans, the new entrepreneurship rate has mostly returned to pre-pandemic levels. Over most of the time period covered, the rate of new entrepreneurship was highest among Latinx Americans and lowest among Black Americans.

Figure 2 New Entrepreneurship Rate by Race and Ethnicity (1996-2023)

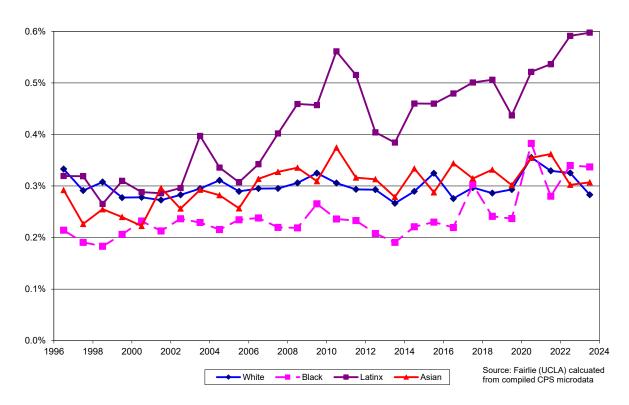


Figure 3 and Appendix Table 3 report estimates of the new entrepreneurship rate by nativity. The new entrepreneurship rate increased substantially in the first year of the pandemic but the patterns differed by nativity since 2020. For the immigrant population entrepreneurship rates increased in the pandemic and continued to increase in 2023. For the native-born population entrepreneurship rates increased in the first year of the pandemic but then decreased slightly in 2021 and continued to decrease through 2023. For immigrants, the new entrepreneurship rate was higher in 2023 than pre-pandemic levels. The new entrepreneurship rate, however, is the same for the native-born in 2023 as in 2019.

Overall, the new entrepreneurship rate is higher for immigrants than the native-born population. The 2023 new entrepreneurship rate among immigrants was 0.67 percent, which is substantially higher than the 0.28 percent rate for the native born.

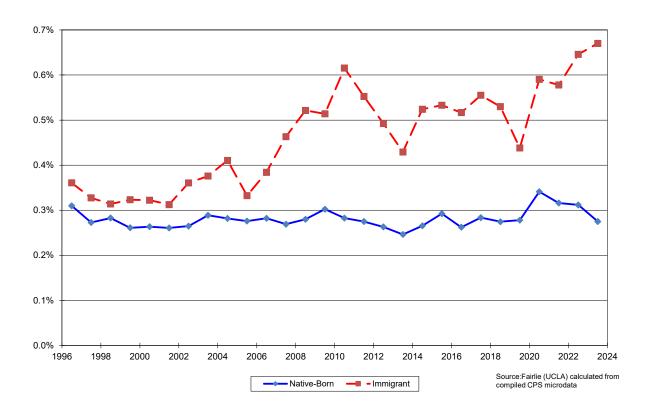


Figure 3 New Entrepreneurship Rate by Nativity (1996-2023)

3. National Trends in the Opportunity Share of New Entrepreneurs

The opportunity share of new entrepreneurs captures new business activity that is inspired by opportunity rather than necessity. Figure 4.A and Appendix Table 4 report annual estimates of the opportunity share of new entrepreneurs from 1996 to 2023. Nationally, the opportunity share of new entrepreneurs decreased slightly to 85.2 percent in 2023. It increased from 80.9 percent in 2020 to 88.3 percent in 2021 reflecting a continuation of improving economic conditions after the early-stage impacts of COVID-19. In 2022 and 2023, the opportunity share roughly returned to pre-pandemic levels.

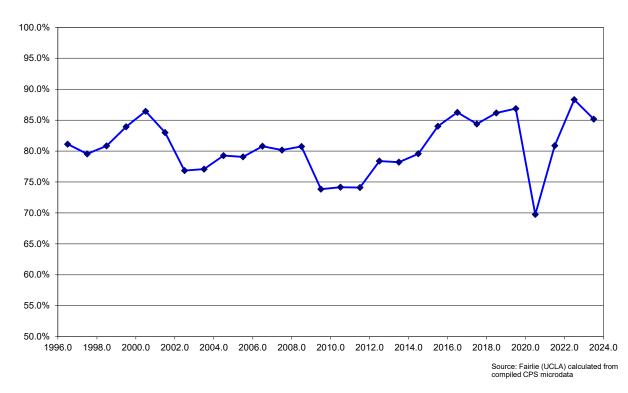


Figure 4.A Opportunity Share of New Entrepreneurs (Annual) (1996-2023)

In the first year of the pandemic, the opportunity share of new entrepreneurs plummeted. It decreased from 86.9 percent in 2019 to 69.8 percent in 2020, representing the largest drop over the past 25 years (as tracked in this series) and perhaps much longer. The sharp decrease in the opportunity share in 2020 reflects the massive economic losses during the pandemic. As non-essential businesses closed to stop the rapid spread of COVID-19, consumers cut back on in-person consumption and owners and their employees scaled back work effort for health concerns, new business creation originating from opportunities instead of necessity fell precipitously.

The decline in the opportunity share of new entrepreneurs from 2019 to 2020 was 17.1 percentage points. In comparison, the drop in the opportunity share from 2008 to 2009 during the Great Recession was 6.9 percentage points.

Demographic Trends in the Opportunity Share of New Entrepreneurs

Trends in the opportunity share of new entrepreneurs by demographic groups are also examined. Figure 4.B and Appendix Table 4 report three-year moving averages from 1998 to 2023. Threeyear moving averages are reported to increase the precision of estimates and reduce the influence of year-to-year fluctuations from sampling variability. In 2023, the opportunity share of new entrepeneurs for men was 82.6 percent and the opportunity share for women was 88.1 percent. The opportunity share of new entrepreneurs returned to pre-pandemic levels for men in 2023, but remained lower than pre-pandemic levels for women. The opportunity share was 90.6 percent in 2019 for women. In the few years prior to the pandemic, there was a general upward trend in the opportunity share for both women and men as the economy continued to grow.

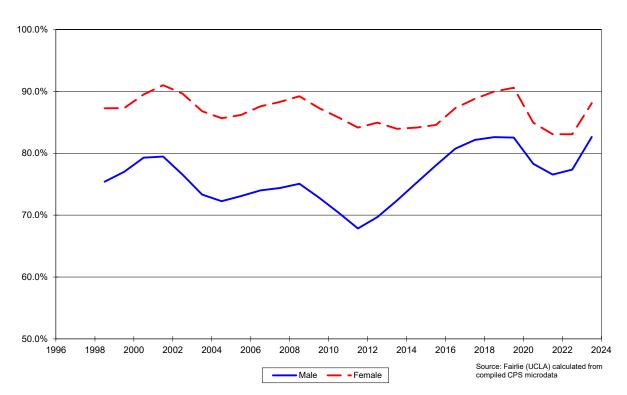


Figure 4.B Opportunity Share of New Entrepreneurs (3-Year Moving Average) by Gender (1996-2023)

The opportunity share of new entrepreneurs is lower for men than for women. Furthermore, the opportunity share of new entrepreneurs for women has generally been more stable than that for men.

All race and ethnic groups experienced increases in opportunity shares roughly returning to prepandemic levels. Figure 5 and Appendix Table 5 report trends in three-year moving averages of opportunity shares from 1998 to 2023. For all groups the opportunity share of new entrepreneurs has risen since 2019, reversing upward trends over the few years prior to the pandemic. Over most of the time period this indicator is highest among Asian Americans and lowest among Black Americans.

Figure 5 Opportunity Share of New Entrepreneurs (3-Year Moving Average) by Race (1996-2023)

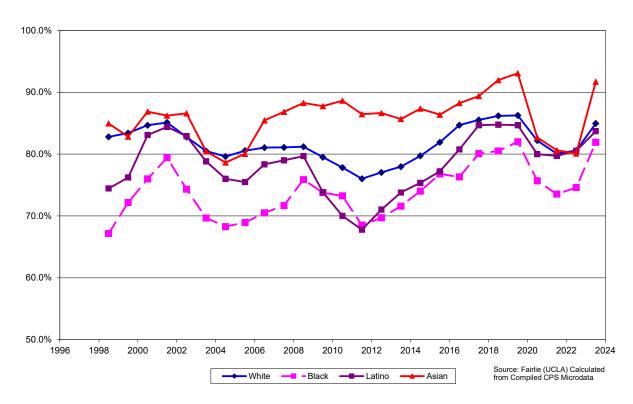
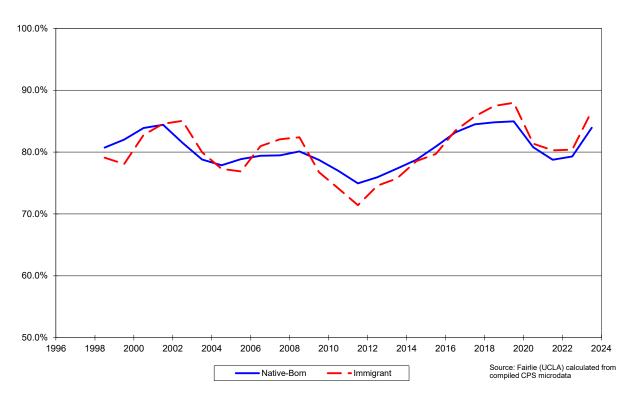


Figure 6 and Appendix Table 6 report estimates of the opportunity share of new entrepreneurs by nativity. The opportunity share of new entrepreneurs also continued the bounce back from prepandemic levels for both immigrants and the native-born. In most years, the opportunity share is higher for immigrant population than for the native-born population.

Figure 6 Opportunity Share of New Entrepreneurs (3-Year Moving Average) by Nativity (1996-2023)



4. State Trends in New Entrepreneurship Rate and Opportunity Share

Appendix Table 6 reports new entrepreneurship rates by state from 1998 to 2023. Estimates are reported as three-year moving averages to increase precision.

The states with the higest new entrepreneurship rates in 2023 are Florida (0.60 percent), Texas (0.47 percent) and California (0.47 percent). The states with the lowest new entrepreneurship rates in 2023 are Minnesota (0.17 percent), Kansas (0.18 percent), and Wisconsin (0.18 percent). These estimates imply large differences between Florida where 600 out of 100,000 people start a business each month compared to only 170 out of 100,000 people starting a business each month in Minnesota.

Appendix Table 7 reports opportunity shares of new entrepreneurs by state from 1998 to 2023. Estimates are reported as three-year moving averages to increase precision.

The states with the higest opportunity shares in 2023 are Minnesota (97.2 percent), Iowa (95.5 percent), and Utah (94.6 percent). The states with the lowest opportunity shares in 2023 are District of Columbia (69.3 percent), Rhode Island (73.3 percent), Virginia (75.3 percent), and Indiana (75.3 percent).

5. Conclusion

The new entrepreneurship rate was higher in 2023 than in pre-pandemic 2019, reflecting more transitions into entrepreneurial activity, broadly defined, among the population during pandemic and pandemic recovery conditions. At the same time, the opportunity share of this activity increased from 2020 when it was at the its lowest level in at least 25 years, indicating that many of these transitions were undertaken by people with few other options for economic engagement. In 2023, the rebound from the widespread economic damage of the COVID-19 pandemic showed up through a partial return to pre-pandemic levels in both new entrepreneurial activity and the opportunity share of new entrepreneurs.

Demographic trends in new entrepreneurship rates and opportunity shares of new entrepreneurs indicate substantial differencess across groups which are not always in the same direction. For example, new entreprneurship rates are higher for men than women but women have higher opportunity shares than men. State variation in entrepreneurial indicators is also substantial. Florida, California and Texas are found to have high new entrepreneurship rates whereas Minnesota and Iowa had the highest opportunity shares.

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Appendix Table 1 New Entrepreneurship Rate by Gender (1996-2023)

| | Male | | Fer | nale | Total | | |
|------|------------------|----------------|------------------|----------------|------------------|----------------|--|
| Year | Entrep. Index | Sample Size | Entrep. Index | Sample Size | Entrep. Index | Sample Size | |
| 1996 | 0.38% | 242,558 | 0.26% | 286,670 | 0.32% | 529,228 | |
| 1997 | 0.36% | 244,856 | 0.21% | 286,481 | 0.28% | 531,337 | |
| 1998 | 0.32% | 245,941 | 0.25% | 286,602 | 0.29% | 532,543 | |
| 1999 | 0.32% | 245,815 | 0.22% | 286,416 | 0.27% | 532,231 | |
| 2000 | 0.34% | 247,027 | 0.21% | 285,355 | 0.27% | 532,382 | |
| 2001 | 0.31% | 260,936 | 0.23% | 300,637 | 0.27% | 561,573 | |
| 2002 | 0.35% | 289,130 | 0.22% | 335,173 | 0.28% | 624,303 | |
| 2003 | 0.38% | 284,487 | 0.23% | 330,102 | 0.30% | 614,589 | |
| 2004 | 0.37% | 279,600 | 0.24% | 323,571 | 0.30% | 603,171 | |
| 2005 | 0.35% | 277,131 | 0.23% | 321,046 | 0.28% | 598,177 | |
| 2006 | 0.36% | 275,538 | 0.24% | 317,379 | 0.30% | 592,917 | |
| 2007 | 0.40% | 271,413 | 0.21% | 314,074 | 0.30% | 585,487 | |
| 2008 | 0.42% | 272,789 | 0.23% | 312,888 | 0.32% | 585,677 | |
| 2009 | 0.43% | 276,445 | 0.25% | 315,254 | 0.34% | 591,699 | |
| 2010 | 0.44% | 277,387 | 0.24% | 315,884 | 0.34% | 593,271 | |
| 2011 | 0.42% | 273,887 | 0.23% | 312,259 | 0.32% | 586,146 | |
| 2012 | 0.38% | 272,246 | 0.23% | 308,707 | 0.30% | 580,953 | |
| 2013 | 0.34% | 268,540 | 0.22% | 304,060 | 0.28% | 572,600 | |
| 2014 | 0.41% | 266,891 | 0.22% | 302,210 | 0.31% | 569,101 | |
| 2015 | 0.42% | 259,471 | 0.26% | 293,416 | 0.33% | 552,887 | |
| 2016 | 0.39% | 257,057 | 0.23% | 291,530 | 0.31% | 548,587 | |
| 2017 | 0.40% | 250,881 | 0.27% | 284,605 | 0.33% | 535,486 | |
| 2018 | 0.41% | 241,728 | 0.24% | 271,967 | 0.32% | 513,695 | |
| 2019 | 0.38% | 230,118 | 0.23% | 257,507 | 0.31% | 487,625 | |
| 2020 | 0.48% | 200,874 | 0.30% | 223,486 | 0.38% | 424,360 | |
| 2021 | 0.45% | 202,078 | 0.28% | 223,285 | 0.36% | 425,363 | |
| 2022 | 0.47% | 191,775 | 0.28% | 211,173 | 0.37% | 402,948 | |
| 2023 | 0.44% | 186,822 | 0.26% | 204,784 | 0.35% | 391,606 | |

Notes: (1) Fairlie (UCLA) calculations from compiled Current Population Survey microdata. (2) The entrepreneurship index is the percent of individuals (ages 20-64) who do not own a business in the first survey month that start a business in the following month with 15 or more hours worked.

| | White | | Black | | La | Latinx | | ian | Total | |
|------|---------|---------|---------|--------|---------|--------|---------|--------|---------|---------|
| | Entrep. | Sample | Entrep. | Sample | Entrep. | Sample | Entrep. | Sample | Entrep. | Sample |
| Year | Index | Size | Index | Size | Index | Size | Index | Size | Index | Size |
| 1996 | 0.33% | 403,882 | 0.21% | 54,582 | 0.32% | 43,663 | 0.29% | 20,344 | 0.32% | 529,228 |
| 1997 | 0.29% | 402,742 | 0.19% | 55,372 | 0.32% | 45,460 | 0.23% | 20,729 | 0.28% | 531,337 |
| 1998 | 0.31% | 402,851 | 0.18% | 54,726 | 0.27% | 46,886 | 0.25% | 21,137 | 0.29% | 532,543 |
| 1999 | 0.28% | 401,523 | 0.21% | 54,183 | 0.31% | 48,682 | 0.24% | 21,139 | 0.27% | 532,231 |
| 2000 | 0.28% | 395,793 | 0.23% | 55,089 | 0.29% | 52,274 | 0.22% | 21,892 | 0.27% | 532,382 |
| 2001 | 0.27% | 418,654 | 0.21% | 57,667 | 0.29% | 53,780 | 0.30% | 23,603 | 0.27% | 561,573 |
| 2002 | 0.28% | 469,788 | 0.24% | 61,598 | 0.30% | 57,638 | 0.26% | 26,534 | 0.28% | 624,303 |
| 2003 | 0.30% | 456,940 | 0.23% | 58,699 | 0.40% | 59,441 | 0.29% | 23,889 | 0.30% | 614,589 |
| 2004 | 0.31% | 444,473 | 0.22% | 56,789 | 0.34% | 59,238 | 0.28% | 24,310 | 0.30% | 603,171 |
| 2005 | 0.29% | 438,870 | 0.23% | 55,069 | 0.31% | 60,526 | 0.26% | 25,541 | 0.28% | 598,177 |
| 2006 | 0.30% | 429,197 | 0.24% | 55,675 | 0.34% | 64,085 | 0.31% | 26,555 | 0.30% | 592,917 |
| 2007 | 0.30% | 422,208 | 0.22% | 56,392 | 0.40% | 63,617 | 0.33% | 26,882 | 0.30% | 585,487 |
| 2008 | 0.31% | 420,349 | 0.22% | 56,405 | 0.46% | 64,786 | 0.34% | 28,066 | 0.32% | 585,677 |
| 2009 | 0.33% | 423,378 | 0.27% | 57,564 | 0.46% | 65,514 | 0.31% | 28,961 | 0.34% | 591,699 |
| 2010 | 0.31% | 418,536 | 0.24% | 60,550 | 0.56% | 67,853 | 0.37% | 30,243 | 0.34% | 593,271 |
| 2011 | 0.29% | 411,118 | 0.23% | 59,939 | 0.52% | 67,695 | 0.32% | 31,456 | 0.32% | 586,146 |
| 2012 | 0.29% | 405,044 | 0.21% | 58,800 | 0.40% | 68,637 | 0.31% | 32,688 | 0.30% | 580,953 |
| 2013 | 0.27% | 396,399 | 0.19% | 58,700 | 0.38% | 69,291 | 0.28% | 32,693 | 0.28% | 572,600 |
| 2014 | 0.29% | 390,776 | 0.22% | 59,010 | 0.46% | 70,034 | 0.33% | 33,114 | 0.31% | 569,101 |
| 2015 | 0.32% | 375,378 | 0.23% | 60,147 | 0.46% | 68,384 | 0.29% | 32,669 | 0.33% | 552,887 |
| 2016 | 0.28% | 369,856 | 0.22% | 59,051 | 0.48% | 70,171 | 0.34% | 33,337 | 0.31% | 548,587 |
| 2017 | 0.30% | 361,597 | 0.30% | 56,661 | 0.50% | 68,311 | 0.31% | 33,109 | 0.33% | 535,486 |
| 2018 | 0.29% | 346,291 | 0.24% | 52,717 | 0.51% | 66,145 | 0.33% | 32,578 | 0.32% | 513,695 |
| 2019 | 0.29% | 327,619 | 0.24% | 50,016 | 0.44% | 63,873 | 0.30% | 30,798 | 0.31% | 487,625 |
| 2020 | 0.36% | 286,991 | 0.38% | 43,347 | 0.52% | 53,329 | 0.35% | 28,146 | 0.38% | 424,360 |
| 2021 | 0.33% | 282,436 | 0.28% | 44,787 | 0.54% | 56,279 | 0.36% | 28,773 | 0.36% | 425,363 |
| 2022 | 0.33% | 264,323 | 0.34% | 41,941 | 0.59% | 55,485 | 0.30% | 28,330 | 0.37% | 402,948 |
| 2023 | 0.28% | 255,164 | 0.34% | 39,133 | 0.60% | 56,882 | 0.31% | 27,437 | 0.35% | 391,606 |

Appendix Table 2 New Entrepreneurship Rate by Race (1996-2023)

Notes: (1) Fairlie (UCLA) calculations from compiled Current Population Survey microdata. (2) The entrepreneurship index is the percent of individuals (ages 20-64) who do not own a business in the first survey month that start a business in the following month with 15 or more hours worked. (3) Race and Spanish codes changed in 2003. Estimates for 2003 only include individuals reporting one race.

| | Native-Born | | Immi | igrant | Total | | |
|------|-------------|---------|---------|--------|---------|---------|--|
| | Entrep. | Sample | Entrep. | Sample | Entrep. | Sample | |
| Year | Index | Size | Index | Size | Index | Size | |
| 1996 | 0.31% | 473,602 | 0.36% | 55,626 | 0.32% | 529,228 | |
| 1997 | 0.27% | 473,536 | 0.33% | 57,801 | 0.28% | 531,337 | |
| 1998 | 0.28% | 472,728 | 0.31% | 59,815 | 0.29% | 532,543 | |
| 1999 | 0.26% | 471,772 | 0.32% | 60,459 | 0.27% | 532,231 | |
| 2000 | 0.26% | 467,393 | 0.32% | 64,989 | 0.27% | 532,382 | |
| 2001 | 0.26% | 493,029 | 0.31% | 68,544 | 0.27% | 561,573 | |
| 2002 | 0.26% | 550,023 | 0.36% | 74,280 | 0.28% | 624,303 | |
| 2003 | 0.29% | 540,397 | 0.38% | 74,192 | 0.30% | 614,589 | |
| 2004 | 0.28% | 529,234 | 0.41% | 73,937 | 0.30% | 603,171 | |
| 2005 | 0.28% | 523,221 | 0.33% | 74,956 | 0.28% | 598,177 | |
| 2006 | 0.28% | 514,691 | 0.38% | 78,226 | 0.30% | 592,917 | |
| 2007 | 0.27% | 507,469 | 0.46% | 78,018 | 0.30% | 585,487 | |
| 2008 | 0.28% | 507,088 | 0.52% | 78,589 | 0.32% | 585,677 | |
| 2009 | 0.30% | 511,798 | 0.51% | 79,901 | 0.34% | 591,699 | |
| 2010 | 0.28% | 510,631 | 0.62% | 82,640 | 0.34% | 593,271 | |
| 2011 | 0.27% | 503,500 | 0.55% | 82,646 | 0.32% | 586,146 | |
| 2012 | 0.26% | 498,127 | 0.49% | 82,826 | 0.30% | 580,953 | |
| 2013 | 0.25% | 491,045 | 0.43% | 81,555 | 0.28% | 572,600 | |
| 2014 | 0.27% | 487,845 | 0.52% | 81,256 | 0.31% | 569,101 | |
| 2015 | 0.29% | 474,013 | 0.53% | 78,874 | 0.33% | 552,887 | |
| 2016 | 0.26% | 469,116 | 0.52% | 79,471 | 0.31% | 548,587 | |
| 2017 | 0.28% | 457,808 | 0.56% | 77,678 | 0.33% | 535,486 | |
| 2018 | 0.27% | 437,344 | 0.53% | 76,351 | 0.32% | 513,695 | |
| 2019 | 0.28% | 416,202 | 0.44% | 71,423 | 0.31% | 487,625 | |
| 2020 | 0.34% | 363,764 | 0.59% | 60,596 | 0.38% | 424,360 | |
| 2021 | 0.32% | 362,854 | 0.58% | 62,509 | 0.36% | 425,363 | |
| 2022 | 0.31% | 341,000 | 0.65% | 61,948 | 0.37% | 402,948 | |
| 2023 | 0.28% | 329,812 | 0.67% | 61,794 | 0.35% | 391,606 | |

Appendix Table 3 New Entrepreneurship Rate by Nativity (1996-2023)

Notes: (1) Fairlie (UCLA) calculations from compiled Current Population Survey microdata. (2) The entrepreneurship index is the percent of individuals (ages 20-64) who do not own a business in the first survey month that start a business in the following month with 15 or more hours worked.

| | Male | | Fer | nale | Total | | |
|-----------------------|---------------|----------------|---------------|----------------|---------------|----------------|--|
| Year | Opp. Share | Sample Size | Opp. Share | Sample Size | Opp. Share | Sample Size | |
| 1996 | | | | | 81.1% | 1,692 | |
| 1997 | | | | | 79.5% | 1,570 | |
| 1998 | 75.4% | 2,680 | 87.3% | 2,213 | 80.8% | 1,631 | |
| 1999 | 77.0% | 2,554 | 87.3% | 2,114 | 83.9% | 1,467 | |
| 2000 | 79.3% | 2,528 | 89.5% | 2,107 | 86.4% | 1,537 | |
| 2001 | 79.5% | 2,501 | 91.0% | 2,010 | 83.0% | 1,507 | |
| 2002 | 76.5% | 2,694 | 89.7% | 2,097 | 76.8% | 1,747 | |
| 2003 | 73.3% | 2,881 | 86.8% | 2,227 | 77.1% | 1,854 | |
| 2004 | 72.3% | 3,133 | 85.7% | 2,301 | 79.3% | 1,833 | |
| 2005 | 73.1% | 3,132 | 86.2% | 2,322 | 79.1% | 1,767 | |
| 2006 | 74.0% | 3,083 | 87.6% | 2,307 | 80.8% | 1,790 | |
| 2007 | 74.4% | 3,068 | 88.3% | 2,227 | 80.2% | 1,738 | |
| 2008 | 75.1% | 3,146 | 89.2% | 2,168 | 80.7% | 1,786 | |
| 2009 | 72.8% | 3,284 | 87.3% | 2,177 | 73.8% | 1,937 | |
| 2010 | 70.4% | 3,404 | 85.8% | 2,239 | 74.2% | 1,920 | |
| 2011 | 67.8% | 3,434 | 84.1% | 2,248 | 74.1% | 1,825 | |
| 2012 | 69.7% | 3,333 | 84.9% | 2,192 | 78.4% | 1,780 | |
| 2013 | 72.4% | 3,092 | 84.0% | 2,122 | 78.2% | 1,609 | |
| 2014 | 75.2% | 3,060 | 84.2% | 2,063 | 79.6% | 1,734 | |
| 2015 | 78.0% | 3,071 | 84.6% | 2,100 | 84.0% | 1,828 | |
| 2016 | 80.7% | 3,136 | 87.3% | 2,112 | 86.3% | 1,686 | |
| 2017 | 82.2% | 3,065 | 88.8% | 2,192 | 84.4% | 1,743 | |
| 2018 | 82.6% | 2,940 | 90.0% | 2,128 | 86.2% | 1,639 | |
| 2019 | 82.5% | 2,822 | 90.6% | 2,054 | 86.9% | 1,494 | |
| 2020 | 78.3% | 2,737 | 84.9% | 1,970 | 69.8% | 1,574 | |
| 2021 | 76.6% | 2,642 | 83.1% | 1,895 | 80.9% | 1,469 | |
| 2022 | 77.4% | 2,594 | 83.1% | 1,858 | 88.3% | 1,409 | |
| 2023 Notes: (1) Fa | 82.6% | 2,472 | 88.1% | 1,721 | 85.2% | 1,315 | |

Appendix Table 4 Opportunity Share of New Entrepreneurs (Annual and 3-Year Moving Average) by Gender

Notes: (1) Fairlie (UCLA) calculations from compiled Current Population Survey microdata. (2) The opportunity share of new entrepreneurs is the share of all individuals (ages 20-64) who start a business who were not unemployed in the preceding month. (3) Sample sizes are for all three years used to calculate the three-year moving average except for total column.

Appendix Table 5

Opportunity Share of New Entrepreneurs (3-Year Moving Average) by Race

| | V | Vhite | Black | | La | atino | Asian | |
|------|-------|-------------|-------|-------------|-------|-------------|-------|-------------|
| | Opp. | Tot. Sampl∈ | Opp. | Tot. Sampl∈ | Opp. | Tot. Sampl∉ | Opp. | Γot. Sampl∈ |
| Year | Share | Size | Share | Size | Share | Size | Share | Size |
| 1996 | | | | | | | | |
| 1997 | | | - | | | | | |
| 1998 | 82.8% | 3,925 | 67.2% | 320 | 74.4% | 407 | 84.9% | 151 |
| 1999 | 83.4% | 3,715 | 72.2% | 308 | 76.2% | 419 | 82.8% | 148 |
| 2000 | 84.7% | 3,630 | 76.0% | 341 | 83.1% | 434 | 86.9% | 155 |
| 2001 | 85.1% | 3,477 | 79.4% | 360 | 84.4% | 443 | 86.2% | 162 |
| 2002 | 82.8% | 3,675 | 74.3% | 395 | 82.9% | 463 | 86.6% | 179 |
| 2003 | 80.5% | 3,875 | 69.7% | 385 | 78.8% | 546 | 80.4% | 189 |
| 2004 | 79.6% | 4,128 | 68.3% | 385 | 76.0% | 582 | 78.6% | 190 |
| 2005 | 80.6% | 4,120 | 68.9% | 370 | 75.5% | 594 | 80.0% | 187 |
| 2006 | 81.0% | 4,057 | 70.5% | 375 | 78.3% | 569 | 85.4% | 201 |
| 2007 | 81.1% | 3,904 | 71.7% | 380 | 79.0% | 625 | 86.8% | 218 |
| 2008 | 81.2% | 3,827 | 75.9% | 374 | 79.7% | 716 | 88.3% | 234 |
| 2009 | 79.5% | 3,898 | 73.8% | 386 | 73.8% | 788 | 87.7% | 238 |
| 2010 | 77.8% | 3,918 | 73.2% | 402 | 70.0% | 900 | 88.6% | 261 |
| 2011 | 76.0% | 3,884 | 68.5% | 418 | 67.8% | 957 | 86.5% | 268 |
| 2012 | 77.0% | 3,745 | 69.7% | 394 | 71.0% | 945 | 86.6% | 285 |
| 2013 | 78.0% | 3,546 | 71.6% | 374 | 73.8% | 858 | 85.7% | 274 |
| 2014 | 79.7% | 3,470 | 74.0% | 371 | 75.3% | 830 | 87.3% | 298 |
| 2015 | 81.9% | 3,485 | 76.8% | 381 | 77.2% | 852 | 86.4% | 292 |
| 2016 | 84.7% | 3,480 | 76.3% | 394 | 80.7% | 904 | 88.2% | 309 |
| 2017 | 85.5% | 3,427 | 80.1% | 429 | 84.7% | 933 | 89.4% | 301 |
| 2018 | 86.2% | 3,207 | 80.5% | 420 | 84.8% | 965 | 92.0% | 316 |
| 2019 | 86.3% | 3,103 | 82.0% | 401 | 84.7% | 927 | 93.1% | 301 |
| 2020 | 82.2% | 3,024 | 75.7% | 380 | 80.0% | 862 | 82.7% | 299 |
| 2021 | 80.1% | 2,901 | 73.5% | 381 | 79.7% | 824 | 80.6% | 291 |
| 2022 | 80.6% | 2,749 | 74.6% | 402 | 80.5% | 867 | 80.1% | 286 |
| 2023 | 84.9% | 2,468 | 81.9% | 373 | 83.7% | 927 | 91.7% | 276 |

Notes: (1) Fairlie (UCLA) calculations from compiled Current Population Survey microdata. (2) The opportunity share of new entrepreneurs is the share of all individuals (ages 20-64) who start a business who were not unemployed in the preceding month. (3) Sample sizes are for all three years used to calculate the three-year moving average.

| | Native | e-Born | Immigrant | | | | |
|------|--------|--------|-----------|--------|--|--|--|
| | Opp. | Sample | Opp. | Sample | | | |
| Year | Share | Size | Share | Size | | | |
| 1996 | | | | | | | |
| 1997 | | | | • | | | |
| 1998 | 80.7% | 4,326 | 79.1% | 567 | | | |
| 1999 | 82.0% | 4,104 | 78.1% | 564 | | | |
| 2000 | 83.9% | 4,038 | 82.8% | 597 | | | |
| 2001 | 84.4% | 3,897 | 84.6% | 614 | | | |
| 2002 | 81.5% | 4,104 | 85.0% | 687 | | | |
| 2003 | 78.8% | 4,365 | 80.0% | 743 | | | |
| 2004 | 77.9% | 4,609 | 77.3% | 825 | | | |
| 2005 | 78.9% | 4,639 | 76.9% | 815 | | | |
| 2006 | 79.4% | 4,568 | 81.0% | 822 | | | |
| 2007 | 79.5% | 4,432 | 82.1% | 863 | | | |
| 2008 | 80.1% | 4,340 | 82.4% | 974 | | | |
| 2009 | 78.7% | 4,381 | 76.7% | 1,080 | | | |
| 2010 | 77.0% | 4,439 | 74.1% | 1,204 | | | |
| 2011 | 74.9% | 4,426 | 71.4% | 1,256 | | | |
| 2012 | 75.9% | 4,270 | 74.6% | 1,255 | | | |
| 2013 | 77.3% | 4,065 | 75.7% | 1,149 | | | |
| 2014 | 78.8% | 3,989 | 78.5% | 1,134 | | | |
| 2015 | 80.9% | 4,032 | 79.7% | 1,139 | | | |
| 2016 | 83.2% | 4,072 | 83.5% | 1,176 | | | |
| 2017 | 84.5% | 4,077 | 85.8% | 1,180 | | | |
| 2018 | 84.8% | 3,889 | 87.5% | 1,179 | | | |
| 2019 | 85.0% | 3,770 | 88.0% | 1,106 | | | |
| 2020 | 80.8% | 3,658 | 81.4% | 1,049 | | | |
| 2021 | 78.8% | 3,529 | 80.3% | 1,008 | | | |
| 2022 | 79.3% | 3,379 | 80.4% | 1,073 | | | |
| 2023 | 83.9% | 3,078 | 86.6% | 1,115 | | | |

Appendix Table 6 Opportunity Share of New Entrepreneurs (3-Year Moving Average) by Immigrant

Notes: (1) Fairlie (UCLA) calculations from compiled Current Population Survey microdata. (2) The opportunity share of new entrepreneurs is the share of all individuals (ages 20-64) who start a business who were not unemployed in the preceding month. (3) Sample sizes are for all three years used to calculate the three-year moving average. Appendix Table 7: New Entrepreneurship Rate by State, 3-Year MA (2014-2023)

| 2014201520162017201820192020202120222023Alabama0.00220.00250.00230.00240.00210.00230.00250.00260.00300.0029Alaska0.00450.00480.00440.00400.00410.00440.00480.00420.00380.0032Arizona0.00310.00330.00400.00390.00350.00330.00380.00390.00360.0027Arkansas0.00250.00270.00290.00290.00290.00320.00330.00350.00370.0037California0.00390.00390.00420.00440.00450.00420.00430.00430.00480.0047Colorado0.00350.00330.00270.00230.00200.00190.00280.00310.00390.0033Delaware0.00290.00240.00270.00230.00250.00270.00260.00230.0025District of Columbia0.00350.00360.00380.00420.00460.00470.00530.00610.00650.0060 |
|--|
| Arizona0.00310.00330.00400.00390.00350.00330.00380.00380.00390.00390.0027Arkansas0.00250.00270.00290.00290.00220.00320.00330.00350.00370.0037California0.00390.00390.00420.00440.00450.00420.00430.00430.00480.0047Colorado0.00350.00330.00350.00350.00350.00350.00420.00460.0046Connecticut0.00300.00290.00270.00230.00200.00190.00280.00310.00390.0033Delaware0.00250.00230.00240.00240.00240.00270.00250.00240.00220.00230.0025District of Columbia0.00250.00230.00220.00240.00240.00270.00250.00240.00220.00230.0025 |
| Arkansas0.00250.00270.00290.00290.00290.00320.00330.00350.00350.00370.0037California0.00390.00390.00420.00440.00450.00420.00430.00430.00480.0047Colorado0.00350.00350.00330.00350.00350.00350.00420.00460.0046Connecticut0.00300.00290.00270.00230.00200.00190.00280.00310.00390.0033Delaware0.00250.00230.00240.00240.00240.00270.00250.00240.00220.00230.0025District of Columbia0.00250.00230.00240.00240.00240.00270.00250.00240.00220.00230.0025 |
| California0.00390.00390.00420.00440.00450.00420.00430.00430.00430.00480.0047Colorado0.00350.00350.00330.00350.00330.00350.00300.00350.00420.00460.00460.0046Connecticut0.00300.00290.00270.00230.00200.00190.00280.00310.00390.00390.0033Delaware0.00250.00250.00230.00250.00250.00240.00250.00230.00250.00240.00250.00230.0025District of Columbia0.00250.00230.00220.00240.00240.00240.00270.00250.00240.00220.00230.0025 |
| Colorado 0.0035 0.0033 0.0035 0.0035 0.0035 0.0042 0.0046 0.0046 Connecticut 0.0030 0.0027 0.0023 0.0020 0.0019 0.0028 0.0031 0.0039 0.0033 Delaware 0.0025 0.0024 0.0024 0.0024 0.0024 0.0024 0.0025 0.0025 0.0027 0.0025 0.0024 0.0023 0.0025 0.0024 0.0023 0.0025 0.0024 0.0023 0.0025 0.0024 0.0025 0.0025 0.0024 0.0025 0.0025 0.0024 0.0025 0.0025 0.0024 0.0025 0.0025 0.0024 0.0025 0.0025 0.0024 0.0025 0.0025 0.0024 0.0025 0.0025 0.0024 0.0025 0.0025 0.0024 0.0025 0.0025 0.0025 0.0025 0.0025 0.0025 0.0025 0.0025 0.0025 0.0025 0.0025 0.0025 0.0025 0.0025 0.0025 0.0025 0.0025 0.0025 0.0025 </td |
| Connecticut0.00300.00290.00270.00230.00200.00190.00280.00310.00390.0039Delaware0.00290.00240.00200.00160.00230.00250.00270.00260.00230.0028District of Columbia0.00250.00230.00240.00220.00240.00270.00250.00240.00220.0023 |
| Delaware 0.0029 0.0024 0.0020 0.0016 0.0023 0.0025 0.0027 0.0026 0.0023 0.0028 District of Columbia 0.0025 0.0023 0.0027 0.0024 0.0023 0.0027 0.0024 0.0023 0.0025 0.0024 0.0024 0.0025 0.0024 0.0025 0.0024 0.0025 0.0024 0.0023 0.0025 0.0024 0.0024 0.0025 0.0024 0.0025 0.0024 0.0025 0.0024 0.0025 0.0024 0.0025 0.0024 0.0025 0.0024 0.0025 0.0024 0.0025 0.0024 0.0025 0.0024 0.0025 0.0024 0.0025 0.0024 0.0025 0.0024 0.0025 0.0025 0.0024 0.0025 0.0025 0.0025 0.0024 0.0025 0.0025 0.0024 0.0025 0.0025 0.0025 0.0025 0.0025 0.0025 0.0025 0.0025 0.0025 0.0025 0.0025 0.0025 0.0025 0.0025 0.0025 0.0025 |
| District of Columbia 0.0025 0.0023 0.0022 0.0024 0.0027 0.0025 0.0024 0.0022 0.0023 0.0025 |
| |
| Florida 0.0035 0.0036 0.0038 0.0042 0.0046 0.0047 0.0053 0.0061 0.0065 0.0060 |
| |
| Georgia 0.0029 0.0029 0.0033 0.0038 0.0042 0.0041 0.0036 0.0047 0.0046 0.0046 |
| Hawaii 0.0035 0.0033 0.0031 0.0027 0.0030 0.0034 0.0041 0.0035 0.0033 0.0032 |
| Idaho 0.0033 0.0032 0.0032 0.0035 0.0038 0.0038 0.0038 0.0033 0.0034 0.0033 |
| Illinois 0.0023 0.0023 0.0023 0.0024 0.0025 0.0027 0.0027 0.0028 0.0027 0.0030 |
| Indiana 0.0023 0.0023 0.0022 0.0020 0.0021 0.0025 0.0025 0.0023 0.0026 0.0032 |
| lowa 0.0018 0.0018 0.0020 0.0022 0.0028 0.0031 0.0031 0.0022 0.0019 0.0019 |
| Kansas 0.0022 0.0027 0.0030 0.0030 0.0027 0.0027 0.0030 0.0028 0.0024 0.0018 |
| Kentucky 0.0035 0.0028 0.0025 0.0023 0.0026 0.0026 0.0027 0.0030 0.0029 0.0030 |
| Louisiana 0.0033 0.0028 0.0028 0.0031 0.0034 0.0036 0.0037 0.0037 0.0041 0.0041 |
| Maine 0.0029 0.0029 0.0029 0.0033 0.0031 0.0037 0.0040 0.0042 0.0042 0.0035 |
| Maryland 0.0024 0.0028 0.0026 0.0032 0.0027 0.0030 0.0026 0.0029 0.0031 0.0032 |
| Massachusetts 0.0029 0.0029 0.0029 0.0026 0.0023 0.0025 0.0027 0.0027 0.0025 0.0024 |
| Michigan 0.0026 0.0029 0.0026 0.0025 0.0023 0.0025 0.0029 0.0029 0.0031 0.0025 |
| Minnesota 0.0017 0.0025 0.0028 0.0030 0.0020 0.0018 0.0018 0.0020 0.0022 0.0017 |
| Mississippi 0.0034 0.0033 0.0037 0.0037 0.0032 0.0033 0.0032 0.0037 0.0037 0.0038 |
| Missouri 0.0028 0.0029 0.0030 0.0032 0.0032 0.0037 0.0037 0.0037 0.0032 0.0027 |
| Montana 0.0054 0.0050 0.0043 0.0040 0.0040 0.0034 0.0035 0.0036 0.0041 0.0042 |
| Nebraska 0.0025 0.0025 0.0025 0.0025 0.0030 0.0027 0.0027 0.0028 0.0029 0.0025 |
| Nevada 0.0037 0.0038 0.0041 0.0038 0.0034 0.0034 0.0032 0.0034 0.0040 0.0046 |
| New Hampshire 0.0025 0.0024 0.0024 0.0024 0.0022 0.0028 0.0031 0.0029 0.0029 0.0027 |
| New Jersey 0.0024 0.0032 0.0034 0.0032 0.0029 0.0031 0.0036 0.0037 0.0035 0.0030 |
| New Mexico 0.0040 0.0032 0.0035 0.0038 0.0042 0.0040 0.0051 0.0055 0.0054 0.0045 |
| New York 0.0033 0.0035 0.0036 0.0033 0.0032 0.0030 0.0039 0.0038 0.0044 0.0041 |
| North Carolina 0.0031 0.0033 0.0034 0.0028 0.0027 0.0025 0.0031 0.0034 0.0035 0.0036 |
| North Dakota 0.0027 0.0029 0.0031 0.0039 0.0036 0.0038 0.0032 0.0029 0.0024 0.0021 |
| Ohio 0.0021 0.0024 0.0024 0.0022 0.0020 0.0020 0.0025 0.0028 0.0029 0.0024 |
| Oklahoma 0.0036 0.0040 0.0045 0.0041 0.0039 0.0039 0.0044 0.0044 0.0041 0.0038 |
| Oregon 0.0027 0.0031 0.0034 0.0032 0.0027 0.0026 0.0029 0.0034 0.0036 0.0037 |
| Pennsylvania 0.0020 0.0018 0.0017 0.0018 0.0019 0.0020 0.0017 0.0020 0.0021 |
| Rhode Island 0.0020 0.0023 0.0021 0.0018 0.0012 0.0017 0.0016 0.0019 0.0020 0.0023 |
| South Carolina 0.0032 0.0029 0.0025 0.0026 0.0026 0.0026 0.0029 0.0039 |
| South Dakota 0.0034 0.0035 0.0031 0.0028 0.0032 0.0029 0.0024 0.0031 0.0030 |
| Tennessee 0.0024 0.0025 0.0023 0.0026 0.0027 0.0029 0.0035 0.0035 0.0038 0.0033 |
| Texas 0.0036 0.0039 0.0040 0.0042 0.0043 0.0041 0.0038 0.0037 0.0045 0.0047 |
| Utah 0.0030 0.0028 0.0028 0.0030 0.0029 0.0025 0.0024 0.0025 0.0026 0.0030 |
| Vermont 0.0040 0.0036 0.0040 0.0038 0.0036 0.0034 0.0041 0.0042 0.0039 0.0029 |
| Virginia 0.0022 0.0024 0.0021 0.0021 0.0018 0.0020 0.0023 0.0026 0.0025 0.0020 |
| Washington 0.0024 0.0024 0.0027 0.0032 0.0032 0.0027 0.0030 0.0027 0.0031 |
| West Virginia 0.0020 0.0021 0.0021 0.0025 0.0021 0.0018 0.0016 0.0017 0.0017 0.0020 |
| Wisconsin 0.0017 0.0019 0.0021 0.0026 0.0025 0.0023 0.0022 0.0023 0.0023 |
| Wyoming 0.0032 0.0039 0.0045 0.0045 0.0039 0.0041 0.0034 0.0028 |

Appendix Table 8: Opportunity Share of New Entrepreneurs by State, 3-Year MA (2014-2023)

| | 2014 | 2015 | 2016 | 2017 | 2010 | 2019 | 2020 | 2021 | 2022 | າດາວ |
|----------------------|--------|--------|---------------|--------|---------------|--------|--------|--------|--------|------------------------|
| Alabama | 69.0% | 66.4% | 2016 72.1% | 78.9% | 2018 84.1% | 89.7% | 79.9% | 77.2% | 78.0% | 2023 89.9% |
| Alaska | 74.1% | 71.3% | 72.1% | 79.2% | 82.5% | 85.3% | 78.4% | 77.6% | 75.0% | 82.4% |
| Arizona | 80.9% | 80.8% | 82.7% | 89.6% | 85.7% | 87.8% | 81.4% | 78.4% | 76.7% | 76.8% |
| Arkansas | 82.5% | 81.4% | 82.0% | 84.2% | 84.5% | 86.7% | 91.1% | 93.1% | 92.9% | 90.5% |
| California | 76.0% | 78.5% | 82.5% | 87.0% | 87.9% | 87.4% | 79.7% | 77.6% | 76.9% | 82.8% |
| Colorado | 84.9% | 85.1% | 87.2% | 83.6% | 80.4% | 85.4% | 77.0% | 72.6% | 73.0% | 78.5% |
| Connecticut | 74.9% | 76.3% | 81.1% | 81.9% | 87.3% | 75.1% | 74.5% | 69.4% | 84.9% | 92.4% |
| Delaware | 83.6% | 86.2% | 86.1% | 93.4% | 93.4% | 89.0% | 85.3% | 80.0% | 78.8% | 81.4% |
| District of Columbia | 70.5% | 74.3% | 72.0% | 74.5% | 74.0% | 71.4% | 77.2% | 76.6% | 79.7% | 69.3% |
| Florida | 80.3% | 79.5% | 83.3% | 85.4% | 86.7% | 88.3% | 85.7% | 86.1% | 86.6% | 91.7% |
| Georgia | 69.7% | 76.7% | 86.6% | 87.3% | 90.9% | 88.4% | 84.0% | 81.6% | 84.7% | 90.7% |
| Hawaii | 88.9% | 88.7% | 84.6% | 81.4% | 88.7% | 88.4% | 84.4% | 79.8% | 78.9% | 88.2% |
| Idaho | 90.3% | 89.4% | 89.3% | 83.9% | 87.9% | 87.2% | 88.0% | 89.3% | 90.2% | 92.0% |
| Illinois | 86.4% | 82.2% | 78.8% | 74.1% | 79.5% | 83.8% | 78.5% | 73.7% | 76.3% | 82.0% |
| Indiana | 75.2% | 75.0% | 80.2% | 83.4% | 86.8% | 90.3% | 81.0% | 76.3% | 69.0% | 75.3% |
| lowa | 86.9% | 89.6% | 92.5% | 94.0% | 93.6% | 85.3% | 83.1% | 86.9% | 97.8% | 95.5% |
| Kansas | 90.1% | 81.2% | 82.5% | 80.2% | 84.5% | 88.1% | 89.5% | 86.3% | 81.1% | 77.0% |
| Kentucky | 69.3% | 75.9% | 79.9% | 85.9% | 85.4% | 84.8% | 79.4% | 72.3% | 78.7% | 89.7% |
| Louisiana | 89.2% | 86.4% | 79.7% | 75.6% | 71.9% | 72.7% | 76.9% | 82.5% | 82.3% | 85.5% |
| Maine | 80.4% | 77.7% | 75.2% | 78.3% | 87.6% | 88.4% | 85.6% | 79.1% | 78.3% | 81.1% |
| Maryland | 84.3% | 82.3% | 73.1% | 75.9% | 76.5% | 85.6% | 79.3% | 80.7% | 82.0% | 88.6% |
| Massachusetts | 73.4% | 75.7% | 85.4% | 88.6% | 84.6% | 78.6% | 66.0% | 68.7% | 74.2% | 88.0 <i>%</i> 84.9% |
| Michigan | 76.4% | 82.0% | 84.2% | 87.6% | 85.3% | 82.6% | 74.3% | 65.1% | 70.8% | 78.7% |
| Minnesota | 73.8% | 75.2% | 78.6% | 88.0% | 84.0% | 81.6% | 66.5% | 76.3% | 78.0% | 97.2% |
| Mississippi | 79.7% | 81.3% | 78.6% | 82.5% | 86.3% | 86.4% | 83.9% | 81.9% | 85.0% | 90.9% |
| Missouri | 76.8% | 83.0% | 83.2% | 88.5% | 84.0% | 80.8% | 79.0% | 81.7% | 77.0% | 80.0% |
| Montana | 84.0% | 84.1% | 83.9% | 86.2% | 85.4% | 85.6% | 78.2% | 75.8% | 77.1% | 85.8% |
| Nebraska | 88.7% | 90.3% | 91.4% | 94.0% | 92.5% | 90.1% | 82.4% | 77.5% | 78.2% | 85.9% |
| Nevada | 79.3% | 87.4% | 92.1% | 86.8% | 85.8% | 82.6% | 79.9% | 76.4% | 78.2% | 85.9% |
| New Hampshire | 72.6% | 77.6% | 77.4% | 82.8% | 85.1% | 91.0% | 82.7% | 72.3% | 74.4% | 82.9% |
| New Jersey | 76.1% | 85.2% | 88.0% | 85.5% | 87.0% | 84.9% | 79.8% | 72.3% | 68.7% | 76.7% |
| New Mexico | 74.2% | 81.1% | 79.9% | 76.0% | 69.5% | 75.4% | 80.8% | 83.1% | 81.5% | 85.6% |
| New York | 81.8% | 83.0% | 84.1% | 87.0% | 87.0% | 89.3% | 83.9% | 81.9% | 81.1% | 83.7% |
| North Carolina | 79.2% | 82.6% | 83.9% | 87.2% | 90.4% | 87.5% | 80.4% | 76.5% | 79.6% | 83.4% |
| North Dakota | 89.5% | 90.8% | 87.3% | | 88.2% | | 95.1% | 91.3% | 87.2% | 88.8% |
| Ohio | 89.2% | 90.7% | 88.2% | | 81.4% | 75.9% | 73.4% | 73.8% | 80.2% | 84.8% |
| Oklahoma | 81.9% | 84.7% | 89.5% | | 85.4% | 82.6% | 83.9% | 84.6% | 85.9% | 85.1% |
| Oregon | 72.6% | 75.8% | 76.1% | 80.0% | 89.9% | 90.0% | 85.7% | 76.6% | 73.0% | 76.6% |
| Pennsylvania | 71.5% | 75.6% | 83.0% | 84.7% | 86.5% | 87.3% | 83.1% | 77.9% | 79.5% | 86.0% |
| Rhode Island | 87.8% | 87.3% | 80.4% | 68.7% | 72.5% | 84.0% | 80.7% | 66.9% | 61.7% | 73.3% |
| South Carolina | 72.6% | 79.8% | 79.6% | 77.6% | 83.3% | 84.9% | 85.2% | 84.0% | 84.8% | 87.3% |
| South Dakota | 86.9% | 84.4% | 89.7% | 92.7% | 94.1% | 96.2% | 83.0% | 84.7% | 76.8% | 90.1% |
| Tennessee | 70.0% | 78.2% | 88.7% | 89.4% | 88.1% | 91.5% | 88.0% | 81.1% | 81.5% | 88.3% |
| Texas | 80.6% | 81.0% | 84.6% | 83.8% | 84.6% | 83.6% | 79.6% | 79.6% | 80.0% | 84.7% |
| Utah | 85.8% | 83.6% | 88.1% | | 89.5% | 91.5% | 86.0% | 91.4% | 91.6% | 94.6% |
| Vermont | 79.4% | 75.7% | 78.3% | 76.5% | 78.7% | 82.3% | 79.2% | 75.2% | 76.2% | 86.0% |
| Virginia | 81.4% | 82.5% | 77.6% | 79.9% | 76.1% | 83.5% | 80.1% | 79.9% | 75.3% | 75.3% |
| Washington | 76.2% | 81.3% | 87.4% | 92.0% | 90.1% | 87.9% | 74.0% | 75.7% | 71.7% | 83.1% |
| West Virginia | 77.6% | 78.8% | 85.7% | 89.0% | 90.4% | 85.3% | 85.3% | 82.3% | 83.6% | 85.1% |
| Wisconsin | 71.2% | 74.2% | 66.4% | 73.3% | 68.4% | 84.4% | 83.4% | 85.2% | 82.6% | 88.9% |
| Wyoming | 88.7% | 89.5% | 86.4% | | 88.3% | 91.8% | 88.0% | 85.2% | 88.8% | 92.4% |
| | 55.770 | 55.570 | 55.470 | 55.070 | 55.570 | 52.070 | 55.070 | 55.270 | 55.570 | 52.470 |