**Small Business Association (SBA) - Beginner**

**Firms by Metropolitan Service Area (MSA) - 2017**

# **Women-owned employer and nonemployer firm data FY 2017**

“We cannot measure what we cannot count.”

NWBC entered into an Interagency Agreement with the U.S. Census Bureau in FY 2021 to fund the development of custom tabulations on the women-owned employer and nonemployer firms. The unique custom tabulations, which utilize data from both the Annual Business Survey (ABS) and the Nonemployer Statistics by Demographics (NES-D), are featured here as raw data to serve primarily as a resource for researchers and practitioners.

With this data set, you will be able to examine the characteristics and population of women-owned employer and non-employer firms across the United States’ MSAs. Following Exploratory Data Analysis (EDA), what can you infer from your analyses?

Project source: [Women-owned employer and nonemployer firm data FY 2017](https://data.sba.gov/dataset/total-number-of-firms-employer-nonemployer-by-owner-sex-2017/resource/fc0a324d-7373-4d3a-937e-0b9345344332)

Data file: Firms by MSA 2017 (1c-table\_msa).xlsx

Download the project folder to your local machine and make a note of the location.

Type the folder’s file path here:

**Data dictionary**

Total Number of Firms (Employer + Nonemployer) by Metropolitan Statistical Area (MSA) and Owner Sex (2017) for MSAs with more than 50,000 Firms

Geographical Area the MSA

Total Total number of firms

Majority female-owned >50% of the firm is owned by a female

Majority male-owned >50% of the firm is owned by a male

Equally Male / Female the firm is equally owned by male(s) and female(s)

Total # Classifiable Total number of firms which can be classified by the owner(s)

by Owner Sex & Ethnicity sex and ethnicity

Total RSE Total Recognizable Seasonal Employer Firms

Total Total number of firms

Majority female-owned >50% of the firm is owned by a female

Majority male-owned >50% of the firm is owned by a male

Equally Male / Female the firm is equally owned by male(s) and female(s)

Total # Classifiable Total number of firms which can be classified by the owner(s)

by Owner Sex & Ethnicity sex and ethnicity

| Sources: 2018 Annual Business Survey, data year 2017, <www.census.gov/programs-surveys/abs.html> and |
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| 2017 New Annual Nonemployer Demographics Statistics (NES-D), <www.census.gov/programs-surveys/abs/data/nesd.html> |
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| Notes*:* |
| 1) Employer estimates are survey-derived (2018 ABS) and nonemployer estimates are AR-based (2017 NES-D) |
| 2) Nonemployer C-corporations are excluded from tabulations. https://www.census.gov/library/working-papers/2019/adrm/ces-wp-19-01.html |
| 3) Business ownership is defined as having more than 50% of the stock or equity in the business. Data are provided for firms owned equally (50%/50%)  by men and women, by Hispanics and non-Hispanics, by minorities and nonminorities, and by veterans and nonveterans. |
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| 4) Estimates provided are based on classifiable firms. *More than 98% of firms were classifiable by sex and ethnicity* |
| 5) The detail may not add to the total because the counts of nonemployer firms data are rounded according to disclosure avoidance rules. |
| 6) Documentation for ABS: https://www.census.gov/programs-surveys/abs/technical-documentation.html |
| 7) Documentation for NES-D: <www2.census.gov/programs-surveys/abs/data/2017/2017%20NESD%20Technical%20Documentation\_final.pdf> |
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| The Census Bureau has reviewed this data product for unauthorized disclosure of confidential information and has approved the disclosure avoidance practices applied. |
| **Approval ID: CBDRB-FY20-008 and CBDRB-FY20-390** |