# Response Rates and Response Patterns Among New Employers: Results from the Kauffman Firm Survey 

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#### Abstract

Economic growth is related to continued formation of new enterprises. The Ewing Marion Kauffman Foundation sponsors research into entrepreneurship and new business formation. The Kauffman Firm Survey (KFS) is a national-level longitudinal survey of new businesses conducted for the Foundation by Mathematica Policy Research (MPR). The KFS consists of an initial survey of 5,000 enterprises formed in 2004 with annual follow-up surveys to collect data on the new business characteristics and financing needed to create and sustain them. Survey data will be available to researchers to improve the understanding of the dynamics of new businesses. MPR selected the sample using D\&B data files and is using web-based and CATI data collection procedures to capture the information. The purpose of this paper is to describe the characteristics and determinants of response among this elusive population.


Key Words: Nonresponse; Establishment Surveys; Respondent Characteristics, Web-Based, CATI

## 1. Overview

The Ewing Marion Kauffman Foundation sponsors research into entrepreneurship and new business formation. As part of this on-going effort, the Foundation sponsored the Kauffman Firm Survey, a national-level longitudinal survey of new businesses. The Foundation contracted with Mathematica Policy Research, Inc. (MPR) to design and implement the KFS. The KFS collected data from new businesses to better understand business creation and maturation, and the characteristics of the founders of new businesses. It will also investigate the longitudinal development and sustainability of firms. For the survey, the sampling frame was based on those firms listed in the Dun \& Bradstreet (D\&B) database with a starting date in 2004. The sampling units are "enterprise" units or the "ultimate parent" units as identified in the D\&B data base. Branches or subsidiary units are excluded from the sampling frame and, if found in the sample, ineligible for the survey. The survey will establish a cohort of new
businesses and MPR will follow the cohort longitudinally over a four-year period.

Survey data will be available to researchers to improve the understanding of the dynamics of entrepreneurship and new businesses. MPR selected the sample using D\&B data files and used web-based and CATI data collection procedures. The purpose of this paper is to describe the characteristics and determinants of response among this elusive population.

After an initial pilot test (Pilot Test 1) that explored business eligibility criteria, the Foundation agreed that a more extensive pilot was required to test components of the study design. The second pilot study in 2004 evaluated the instrument length and structure, the effectiveness of incentives, and the collection of data through a Web survey option. The pilot sample was drawn from the D\&B database and included businesses that had been started in 2003, with an oversample of businesses in high-technology industries. Pilot Test 2 ended in April 2005.

Lessons learned during the two pilots were incorporated into the Baseline Survey, which began in July 2005 using a self-administered Web survey and Computer-Assisted Telephone Interviewing (CATI). The Baseline Survey goal was to interview 5,000 owners of businesses started in 2004 and data collection ended in June 2006 with 4,931 interviews.

### 1.1 Sampling Design

The sampling frame for the KFS is based on the Dun and Bradstreet (D\&B) database and restricted to firms (or enterprise units) that started in 2004. Establishments that were branches or intermediary units within an enterprise were excluded from the sampling frame. The D\&B database was partitioned into six sampling strata defined by industrial technology categories (based on industry designation) and gender of the owner or CEO of the firm (based on the D\&B data element and additional information). The high technology strata were defined based on categorization developed by Hadlock et al. (1991). Specifically, the sampling strategy called for 3,000 interviews to be completed
in two categories of high-technology businesses and 2,000 interviews to be completed in all other industrial classifications. The industries in the technology strata are shown in Table 1.

| Table 1: Technology Strata Definitions |  |  |
| :---: | :---: | :---: |
| Technology Stratum | SIC <br> Code | Industry |
| 1 | 28 |  |
|  | 35 | Industrial machinery and equipment |
|  | 36 | Electrical and electronic equipment |
|  | 38 | Instruments and related products |
| 2 | 131 | Crude Petroleum and natural gas operations |
|  | 211 | Cigarettes |
|  | 291 | Petroleum refining Miscellaneous petroleum and coal products |
|  | 299 |  |
|  | 335 | Nonferrous rolling and drawing |
|  | 371 | Motor vehicles and equipment |
|  | 372 |  |
|  | 376 | Guided missiles, space vehicles, parts Computer and data processing services |
|  | 737 |  |
|  | 871 | Engineering and architectural services |
|  | 873 | Research and testing services |
|  | 874 | Management and public relations |
|  | 899 | Services, not elsewhere classified |
|  | 229 | Miscellaneous textile goods |
|  | 261 | Pulp mills Miscellaneous converted paper products |
|  | 267 |  |
|  | 348 | Ordnance and accessories, not elsewhere classified Miscellaneous transportation equipment |
|  | 379 |  |
| 3 |  | All other industries |

The $\mathrm{D} \& \mathrm{~B}$ data base is a compilation of data from various sources including credit bureaus, state offices where some new firms are registered and companies (such as credit card companies and shipping companies) that are likely to be used by all businesses. However, compiling information on
newly formed business enterprises is particularly difficult because there is no single business registry of new enterprises and the time between establishing the firm and the firm showing up in one of $\mathrm{D} \& \mathrm{~B}$ sources may be 6 or more months. To capture as complete a picture of firms starting in 2004 as possible, we arranged with D\&B to provide multiple files at different time points during 2005. We obtained a file in June 2005 and then a new file in November 2005. As shown in Table 2, D\&B provided MPR with a file of 188,000 enterprises with the starting year of 2004 in June 2005. This number was approximately 30 percent lower than a similar file received in June 2004 of firms starting in 2003. We investigated the lower number and could find no clear changes in operations by D\&B and no evidence use available from federal sources to verify or disprove this count.

Since we were going to obtain a second file in November from D\&B, we needed to release a sample sufficiently large to accommodate the expected response and eligibility rates, but we wanted to balance the sample size between the two files to reduce unequal sampling weights. However, because the high technology firms numbered only 2,500 (again fewer than expected) and we wanted a large pool of these firms for the longitudinal panel, we decided to include all of these firms in the sample in order to obtain an adequate count of these firms. For the other strata, we were somewhat conservative, but still released relatively large samples.

The November D\&B file included 63,000 firms with start date in 2004, resulting a total pool of 251,000 firms from the combined June and November files (Table 2). However, 13,000 firms from June file (7 percent) were not in the November file (see Table 3) and were presumed to be no longer in business (which we called deceased firms) and left only 238,000 firms in the combined data base less the deceased firms.

Because of the interest in the subsequent analysis of the high technology firms, we again decided to include all of these firms in the sample in order to obtain an adequate count of these firms for the longitudinal panel. For the other two strata, we attempted the balance the final sample across the two files and the sampling strata. The final sample size and sampling rates are in Table 4.

### 1.2 Data Collection Methods

To be eligible for the KFS survey, the owner of the new business surveyed had to indicate that their new business was not a new business, branch or

Table 2: Sampling Frame Of Firms In D\&B Data Base: Firms With Start Date Of 2004

|  | Woman <br> Owned | June File | Deceased <br> In November $^{1}$ | New In <br> November | Total All <br> (June And November) | Operating <br> Total |
| :--- | :---: | ---: | :---: | ---: | ---: | ---: |
| Technology Strata |  | $\mathbf{1 8 8 , 2 9 2}$ | $\mathbf{1 3 , 4 3 9}$ | $\mathbf{6 2 , 9 9 0}$ | $\mathbf{2 5 1 , 2 8 2}$ | $\mathbf{2 3 7 , 8 4 3}$ |
| High-Tech |  | 2,593 | 144 | 1,276 | 3,869 | 3,725 |
|  | Yes | 361 | 21 | 166 | 527 | 506 |
|  | No | 2,232 | 123 | 1,110 | 3,342 | 3,219 |
| Medium-Tech |  | 22,544 | 926 | 7,117 | 29,661 | 28,735 |
|  | Yes | 4,332 | 153 | 1,215 | 5,547 | 5,394 |
|  | No | 18,212 | 773 | 5,902 | 24,114 | 23,341 |
| Non Tech |  | 163,155 | 12,369 | 54,597 | 217,752 | 205,383 |
|  | Yes | 32,016 | 2,177 | 9,951 | 41,967 | 39,790 |
|  | No | 131,139 | 10,192 | 44,646 | 175,785 | 165,593 |

${ }^{\mathrm{T}}$ Deceased in November is the count of enterprises in the D\&B data base in June 2005 that were not in the data base in November 2005.

Table 3: Sampling Frame Losses of Firms In D\&B Data Base: June 2005 To November 2005, With 2004 Start Date

| High-Tech | Woman Owned | June File | Deceased | \% Deceased |
| :--- | :---: | :---: | :---: | :---: |
| Total |  | 188,292 | 13,439 | $7.1 \%$ |
| High-Tech | Total | 2,593 | 144 | $5.6 \%$ |
|  | Yes | 361 | 21 | $5.8 \%$ |
| Medium-Tech | No | 2,232 | 123 | $5.5 \%$ |
|  | Total | 22,544 | 926 | $4.1 \%$ |
|  | Yes | 4,332 | 153 | $3.5 \%$ |
| Non Tech | No | 18,212 | 773 | $4.2 \%$ |
|  | Total | 163,155 | 12,369 | $7.6 \%$ |
|  | Yes | 32,016 | 2,177 | $6.8 \%$ |
|  | No | 131,139 | 10,192 | $7.8 \%$ |

${ }^{1}$ Deceased in November is the count of enterprises in the D\&B data base in June 2005 that were not in the data base in November 2005.

Table 4. Samples From June And November Sampling Frame From D\&B Data Base Firms With 2004 Start Date

| High-Tech | Woman Owned | June Sample | June Frame Percent | Nov Sample | Nov Frame Percent | Total Sample |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Total Sample |  | 23,942 | 12.7 | 8,527 | 13.5 | 32,469 |
| High-Tech | Total | 2,593 |  | 1,276 |  | 3,869 |
|  | Yes | 361 | 100.0 | 166 | 100.0 | 527 |
|  | No | 2,232 | 100.0 | 1,110 | 100.0 | 3,342 |
| Medium-Tech | Total | 5,769 |  | 1,805 |  | 7,574 |
|  | Yes | 1,029 | 23.8 | 237 | 19.5 | 1,266 |
|  | No | 4,740 | 26.0 | 1,568 | 26.6 | 6,308 |
| Non Tech | Total | 15,580 |  | 5,446 |  | 21,026 |
|  | Yes | 2,090 | 6.5 | 670 | 6.7 | 2,760 |
|  | No | 13,490 | 10.3 | 4,776 | 10.7 | 18,266 |

subsidiary owned by an existing business, a business inherited from someone else, but was a new, independent business created by a single person or a team of people, the purchase of an existing business, or the purchase of a franchise. Organizations that were designed for social and charitable objectives and legally establish as a "not-for-profit" were also excluded. Businesses were excluded as having been established in a year prior to 2004 if they had an employer identification number, schedule C income, a legal form, or had paid state unemployment insurance or federal social security taxes prior to 2004.

The sample that were released for data collection were contacted through an advance letter sent to the business principals. The letter provided a brief overview of the purpose of the study and included personalized user name and password information for each business to access the web survey. The letter did not mention completing the survey over the telephone, so that the Web-based mode was initially imposed on the full sample. The advance letter package included instructions for completing the survey on the Web and a set of Frequently Asked Questions (FAQ). The Web instructions page provided steps sample members could follow to log on and complete the Web survey, and the FAQ page provided more detailed information about the Kauffman Foundation, the survey firm, and the survey objectives.

One week after the advance mailing, a reminder postcard was sent to all sample members not completing the Web survey, which repeated the key points of the letter and reminded them to visit the website to complete the questionnaire. Principals of new businesses not responding to the Web survey after the advance letter and postcard received a telephone call to complete the screening, and eligible respondents were asked to complete the interview.

Prior to the start of telephone interviewing, the list of Web non-respondents was sent to a telephone matching service of current business telephone numbers. Once CATI interviewing began, cases with a bad telephone number were sent to locators to attempt to update the information for the business, or to determine that the business was closed. The locating effort consisted of calls to directory assistance, yellow pages searches, online searches to locate the principal of the business or a business website, and calls to entities listed at the same address.

## 2. Sample

### 2.1 Data Collection Results

The data collection on the Baseline survey was completed on July 29, 2006, after one full year of data collection. A total of 32,469 pieces of sample were fielded in the six releases, and approximately 383,000 calls were made to sampled businesses not completing the survey through the Web during the Baseline data collection. Among the businesses we contacted and screened, 34.4 percent were eligible to participate in the study. Extensive refusal conversion efforts were needed to screen and interview a sufficient number of businesses, and roughly 8,000 were finalized as refusals at the end of the data collection period.

We completed interviews with the principals of 4,931 businesses who started operations in 2004. A total of 2,895 interviews were completed among businesses in the two categories of high technology businesses and 2,036 interviews were completed among businesses of all other industrial classifications. The decision to conclude the Baseline data collection effort short of the goal of 5,000 completed interviews was made in collaboration with the Principal Investigator and the Foundation. It was generally felt that the amount of resources that would be required to reach 5,000 completes would be better utilized for the follow-up surveys.

### 2.2 Locating and Response

The weighted location and response rates for the full sample is given in Table 5 and by technology stratum in Tables 6A, 6B and 6C. For the nonresponse adjustments to the sampling weights, we used weighted logistic propensity modeling by technology stratum and separately for location and response among the located sample. The analysis of the location and response patterns showed considerable interactive effects. Three-order and four-order interactions were common and were difficult to interpret.

In general, high tech and medium tech firms responded at a higher rate than non tech firms. Firms in the Midwest census region responded at a higher rate for all types of firms, but high tech firms in the Northeast also had a high response rate. Womanowned firms and firms outside of MSAs responded at a higher rate, but the differential was smaller among high tech firms for both of these. Firms with no employees or only 1 employee had higher response rate than larger firms, but again the differential was smaller in the high tech firms.

## References

Hadlock, Paul, Daniel Hecker, and Joseph Gannon. "High Technology Employment: Another View." Monthly Labor Review, July 1991, pp. 26-30.

Table 5: Response and Location Weighted Rate Among Enterprises in the Kauffman Firm Survey: Firms With Start Date Of 2004

|  | Sample <br> Count | Located | Weighted Percentage Located | Completes | Weighted Percentage Complete/Located | Weighted Percentage Completes |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| All | 32,469 | 29,526 | 90.7 | 123,394 | 54.2 | 49.1 |
| High Tech |  |  |  |  |  |  |
| 1: High Tech | 3,869 | 3,640 | 94.1 | 2,051 | 56.3 | 53.0 |
| 2: Medium Tech | 7,574 | 6,839 | 90.3 | 15,743 | 58.8 | 53.1 |
| 3: Non Tech | 21,026 | 19,047 | 90.7 | 105,600 | 53.5 | 48.5 |
| Woman Ownership |  |  |  |  |  |  |
| 1: Woman Owned | 4,553 | 4,150 | 91.4 | 26,205 | 59.7 | 54.6 |
| 2: Not Woman Owned | 27,916 | 25,376 | 90.5 | 97,189 | 52.8 | 47.8 |
| Employee Size |  |  |  |  |  |  |
| 1: 0-1 | 13,590 | 12,164 | 89.4 | 52,672 | 56.4 | 50.4 |
| 2: 2-4 | 13,424 | 12,241 | 91.0 | 53,595 | 53.7 | 48.9 |
| 3: 5+ | 5,455 | 5,121 | 93.5 | 17,127 | 49.5 | 46.3 |
| MSA |  |  |  |  |  |  |
| Not In MSA | 4,445 | 4,119 | 92.5 | 20,725 | 61.1 | 56.6 |
| In MSA | 28,024 | 25,407 | 90.4 | 102,669 | 52.9 | 47.8 |
| Census Division |  |  |  |  |  |  |
| Midwest | 6,587 | 6,090 | 92.0 | 27,311 | 58.1 | 53.5 |
| Northeast | 5,272 | 4,822 | 91.0 | 18,801 | 51.7 | 47.0 |
| South | 12,288 | 11,033 | 89.6 | 46,828 | 53.7 | 48.1 |
| West | 8,322 | 7,581 | 91.0 | 30,454 | 53.1 | 48.4 |
| Urbanicity Code |  |  |  |  |  |  |
| Metro Areas With At Least 1 |  |  |  |  |  |  |
| Million Residents | 19,433 | 17,504 | 89.7 | 66,663 | 50.8 | 45.6 |
| Metro Areas With Fewer Than |  |  |  |  |  |  |
| 1 Million Residents | 8,810 | 8,085 | 91.5 | 35,250 | 55.4 | 50.7 |
| Remaining | 4,226 | 3,937 | 93.2 | 21,482 | 65.1 | 60.7 |
| Woman Ownership By |  |  |  |  |  |  |
| 1: 0-1 | 2,136 | 1,911 | 89.2 | 12,180 | 61.9 | 55.2 |
| 2: 2-4 | 1,735 | 1,608 | 93.2 | 10,600 | 59.0 | 55.0 |
| 3: 5+ | 682 | 631 | 93.2 | 3,425 | 54.8 | 51.1 |
| 1: 0-1 | 11,454 | 10,253 | 89.4 | 40,493 | 54.9 | 49.1 |
| 2: 2-4 | 11,689 | 10,633 | 90.5 | 42,995 | 52.5 | 47.6 |
| 3: 5+ | 4,773 | 4,490 | 93.5 | 13,702 | 48.3 | 45.2 |

Table 6A: Response and Location Weighted Rate Among Enterprises in the Kauffman Firm Survey: Firms With Start Date Of 2004

High Tech Firms

|  | Sample Count | Located | Weighted Percentage Located | Completes | Weighted Percentage Complete/Located | Weighted Percentage Completes |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| All | 3,869 | 3,640 | 94.1 | 2,051 | 56.3 | 53.0 |
| Census Division |  |  |  |  |  |  |
| Midwest | 841 | 797 | 94.8 | 473 | 59.3 | 56.2 |
| Northeast | 655 | 623 | 95.1 | 375 | 60.2 | 57.3 |
| South | 1,240 | 1,167 | 94.1 | 646 | 55.4 | 52.1 |
| West | 1,133 | 1,053 | 92.9 | 557 | 52.9 | 49.2 |
| Woman Ownership |  |  |  |  |  |  |
| 1: Woman Owned | 527 | 491 | 93.2 | 287 | 58.5 | 54.5 |
| 2: Not Woman Owned | 3,342 | 3,149 | 94.2 | 1,764 | 56.0 | 52.8 |
| MSA |  |  |  |  |  |  |
| Not In MSA | 538 | 514 | 95.5 | 310 | 60.3 | 57.6 |
| In MSA | 3,331 | 3,126 | 93.8 | 1,741 | 55.7 | 52.3 |
| Population (County) |  |  |  |  |  |  |
| Less than 100, 000 | 696 | 661 | 95.0 | 405 | 61.3 | 58.2 |
| 100,000-500,000 | 1,121 | 1,075 | 95.9 | 630 | 58.6 | 56.2 |
| 500,000 or more | 2,052 | 1,904 | 92.8 | 1,016 | 53.4 | 49.5 |
| Employees |  |  |  |  |  |  |
| 1: 0-1 | 1,047 | 952 | 90.9 | 536 | 56.3 | 51.2 |
| 2: 2-4 | 1,552 | 1,462 | 94.2 | 848 | 58.0 | 54.6 |
| 3: 5+ | 1,270 | 1,226 | 96.5 | 667 | 54.4 | 52.5 |
| Legal Status |  |  |  |  |  |  |
| Unknown / Unavailable | 1,101 | 1,012 | 91.9 | 555 | 54.8 | 50.4 |
| Corporation | 1,542 | 1,481 | 96.0 | 849 | 57.3 | 55.1 |
| Partnership | 588 | 570 | 96.9 | 319 | 56.0 | 54.3 |
| Proprietorship | 638 | 577 | 90.4 | 328 | 56.8 | 51.4 |
| Sales Volume |  |  |  |  |  |  |
| Less than \$100,000 | 1,012 | 916 | 90.5 | 524 | 57.2 | 51.8 |
| \$100,000-\$199,999 | 880 | 827 | 94.0 | 450 | 54.4 | 51.1 |
| \$200,000-\$999,999 | 1,198 | 1,140 | 95.2 | 692 | 60.7 | 57.8 |
| \$1,000,000 or more | 779 | 757 | 97.2 | 385 | 50.9 | 49.4 |

Table 6B: Response and Location Weighted Rate Among Enterprises in the Kauffman Firm Survey: Firms With Start Date Of 2004

Medium Tech Firms

|  | Sample Count | Located | Weighted Percentage Located | Completes | Weighted Percentage Complete/Located | Weighted Percentage Completes |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| All | 7,574 | 6,839 | 90.3 | 15,743 | 58.8 | 53.1 |
| Census Division |  |  |  |  |  |  |
| Midwest | 1,444 | 1,334 | 92.4 | 3,265 | 62.6 | 57.8 |
| Northeast | 1,275 | 1,171 | 91.8 | 2,654 | 58.1 | 53.3 |
| South | 2,859 | 2,538 | 88.8 | 5,694 | 57.1 | 50.7 |
| West | 1,996 | 1,796 | 89.9 | 4,131 | 58.8 | 52.9 |
| Woman Ownership |  |  |  |  |  |  |
| 1: Woman Owned | 1,266 | 1,132 | 89.6 | 3,167 | 63.8 | 57.2 |
| 2: Not Woman Owned | 6,308 | 5,707 | 90.5 | 12,576 | 57.6 | 52.1 |
| MSA |  |  |  |  |  |  |
| Not In MSA | 722 | 656 | 90.9 | 1,728 | 67.2 | 61.1 |
| In MSA | 6,852 | 6,183 | 90.3 | 14,015 | 57.9 | 52.2 |
| Population (County) |  |  |  |  |  |  |
| Less than 100, 000 | 983 | 898 | 91.4 | 2,328 | 66.2 | 60.5 |
| 100,000-500,000 | 2,373 | 2,164 | 91.2 | 5,110 | 60.2 | 54.9 |
| 500,000 or more | 4,218 | 3,777 | 89.6 | 8,306 | 56.2 | 50.3 |
| Employees |  |  |  |  |  |  |
| 1: 0-1 | 4,222 | 3,777 | 89.5 | 9,118 | 61.6 | 55.1 |
| 2: 2-4 | 2,196 | 2,002 | 91.1 | 4,468 | 57.0 | 52.0 |
| 3: 5+ | 1,156 | 1,060 | 91.7 | 2,157 | 52.1 | 47.8 |
| Legal Status |  |  |  |  |  |  |
| Unknown / Unavailable | 3,510 | 3,126 | 89.1 | 7,232 | 59.2 | 52.7 |
| Corporation | 2,158 | 1,974 | 91.5 | 4,266 | 55.1 | 50.4 |
| Partnership | 697 | 646 | 92.6 | 1,430 | 56.8 | 52.6 |
| Proprietorship | 1,209 | 1,093 | 90.4 | 2,815 | 65.3 | 59.1 |
| Sales Volume |  |  |  |  |  |  |
| Less than \$50,000 | 1,735 | 1,507 | 86.9 | 3,563 | 60.3 | 52.4 |
| \$50,000-\$99,999 | 2,571 | 2,333 | 90.8 | 5,730 | 62.6 | 56.8 |
| \$100,000-\$199,999 | 1,431 | 1,312 | 91.7 | 2,886 | 56.2 | 51.5 |
| \$200,000 or more | 1,837 | 1,687 | 91.8 | 3,564 | 54.1 | 49.7 |

Table 6C: Response and Location Weighted Rate Among Enterprises in the Kauffman Firm Survey: Firms With Start Date Of 2004

Non Tech Firms

|  | Sample <br> Count | Located | Weighted Percentage Located | Completes | Weighted Percentage Complete/Located | Weighted Percentage Completes |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| All | 21,026 | 19,047 | 90.7 | 105,600 | 53.5 | 48.5 |
| Census Division |  |  |  |  |  |  |
| Midwest | 4,302 | 3,959 | 92.0 | 23,573 | 58.0 | 53.0 |
| Northeast | 3,342 | 3,028 | 90.8 | 15,772 | 50.6 | 45.9 |
| South | 8,189 | 7,328 | 89.6 | 40,489 | 53.2 | 47.7 |
| West | 5,193 | 4,732 | 91.2 | 25,766 | 52.3 | 47.7 |
| Woman Ownership |  |  |  |  |  |  |
| 1: Woman Owned | 2,760 | 2,527 | 91.6 | 22,751 | 59.2 | 54.2 |
| 2: Not Woman Owned | 18,266 | 16,520 | 90.4 | 82,849 | 52.1 | 47.1 |
| MSA |  |  |  |  |  |  |
| Not In MSA | 3,185 | 2,949 | 92.6 | 18,687 | 60.6 | 56.2 |
| In MSA | 17,841 | 16,098 | 90.3 | 86,913 | 52.2 | 47.1 |
| Population (County) |  |  |  |  |  |  |
| Less than 100, 000 | 4,127 | 3,809 | 92.4 | 23,837 | 59.8 | 55.3 |
| 100,000-500,000 | 6,672 | 6,118 | 91.7 | 34,940 | 54.9 | 50.4 |
| 500,000 or more | 10,227 | 9,120 | 89.3 | 46,823 | 49.8 | 44.5 |
| Employees |  |  |  |  |  |  |
| 1: 0-1 | 8,321 | 7,435 | 89.3 | 43,018 | 55.4 | 49.5 |
| 2:2 | 9,676 | 8,777 | 90.9 | 48,279 | 53.4 | 48.5 |
| 3: 3+ | 3,029 | 2,835 | 93.6 | 14,303 | 48.9 | 45.8 |
| Legal Status |  |  |  |  |  |  |
| Unknown / Unavailable | 11,215 | 10,008 | 89.3 | 54,322 | 53.1 | 47.5 |
| Corporation | 4,890 | 4,511 | 92.3 | 25,496 | 53.9 | 49.8 |
| Partnership | 1,729 | 1,624 | 94.0 | 8,393 | 50.0 | 47.0 |
| Proprietorship | 3,192 | 2,904 | 91.0 | 17,388 | 55.9 | 50.8 |
| Sales Volume |  |  |  |  |  |  |
| Less than \$50,000 | 4,800 | 4,300 | 89.6 | 25,659 | 56.1 | 50.3 |
| \$50,000-\$99,999 | 5,479 | 4,869 | 89.0 | 27,820 | 54.8 | 48.8 |
| \$100,000-\$199,999 | 5,152 | 4,694 | 91.2 | 25,388 | 53.0 | 48.4 |
| \$200,000 or more | 5,595 | 5,184 | 92.7 | 26,733 | 50.4 | 46.7 |

