ESTIMATING THE LOCAL EFFECTS OF DEFENSE CUTS ON SMALL BUSINESS, 1992-1999

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EXECUTIVE SUMMARY

Challenge to Small Business. This work is intended to estimate at the local level, the likely impact of the U.S. defense restructuring on small business employment and to provide analytical and database means for keeping these estimates up to date and developing them further in the future. This work reflects the current defense planning of the U.S. government. It draws on work done in U.S. government agencies and in private organizations, including previous and concurrent work done by the NPA Data Services, Inc.

Budgeted reductions in defense spending for compensation and purchases and the shrinkage of the private defense industry are projected to result in a reduction of 1.8 million government and private defense jobs from 5.6 million in 1992 to 3.8 million in 1999.

Cuts in defense spending impact small business in two ways: first, by reducing purchases of government and large contractor firms from the small business contractor, subcontractor and supplier firms in the defense industry, and second, indirectly, by reducing the purchasing power of the customers of the small business firms as a result of job losses by military and civilian defense workers in government and by workers in private defense industry. These indirect reductions involve several rounds of a multiplier effect.

<u>Steps in Analysis.</u> In the course of this project, data from different sources were organized into new databases which may be of value in future analyses and are included here.

Location of small business defense jobs was estimated by state from data on distribution of defense contracts and indirect purchases. An assessment was made of the indirect job losses from income losses by estimating excess unemployment prevailing at a given time in defense dependent states compared to states least dependent on defense. The excess unemployment was apportioned into a direct component of former defense workers using the reemployment experience ratios from the U.S. Department of Labor surveys of displaced workers and a residual indirect component which is attributed to job losses indirectly through multiplier effects of lost purchasing power.

Economic effects of past base closings on local economies were analyzed, and a prospective analysis of potential impacts of the 1993 recommendations for base closings and realignments was examined. Two hundred fifteen local economies were identified which are vulnerable to economic decline from defense cuts projected for the 1990s.

<u>Databases.</u> In conducting this work, data from different sources were used which were based on different sets of industry definitions. To make the data comparable, a common set of 32 industry definitions consistent with the industry definitions used in the principal data sources was designed and the data provided in variously more detailed categories were

rearranged into these 32 industry categories. These databases would be of use in future analyses of effects of changes in defense spending on small business and in a wide range of other analyses in size of business economics. Three databases are included on data disk incorporated into this report:

- (1) The size of business employment database of the Small Business Administration by industry and state was extended to include proprietors and the share of small business by state and industry was calculated in all cases, except where data were omitted to prevent disclosure of information about individual firms.
- (2) Data provided to the Small Business Administration by Eagle Eye Publishers, Inc., containing the detailed product/service categories for the prime DoD contracts of \$25,000 or more reported on the Form SF-179 were rearranged into the set of 32 industries. The resulting database contains the distribution by state and by the industry classification of object of contract, the total amount of contracts awards, the amounts of contracts awarded to small business and the small business awards as percent of total.
- (3) An annual dataset of current and projected defense employment for the years 1992-99 by state was estimated with detail for the active duty military, active reserves converted to active duty equivalents, government defense civilians, and the defense industry total and its small business component.

Findings. Principal findings of the project include:

- (1) In 1992, small business defense employment was 1053 thousand, or 36 percent of the private sector defense industry total.
- (2) It was only slightly less concentrated in the defense intensive states than the private defense industry total.
- (3) The share of small business in the defense industry total is expected to remain stable and the small business defense employment is estimated to decline by the same percentage, 41.7 percent, as the industry total or by 439 thousand from 1053 thousand in 1992 to 614 thousand in 1999. Declines in individual states are also projected to be in proportion to declines in industry totals.
- (4) Impact of defense cuts on small business from indirect job losses is likely to be considerably larger than from the direct job losses because: (1) the indirect job losses appear to outnumber the direct losses three to one and (2) the share of small business in all defense industry (19 percent of all defense jobs) is smaller than its share in the general economy (60 percent).

- (5) In the first quarter of 1994, the average unemployment rate in the defense dependent states exceeded the unemployment rate in states least dependent on defense by a margin which translates into 1171 thousand unemployed or, roughly, 1.0 percent of the national labor force, associated with the economic defense dependence of the states.
- (6) Of this total excess unemployment, 287 thousand, or 25 percent represents defense workers displaced during the 1989-93 period based on the reemployment experience reported in the U.S. Department of Labor survey of displaced workers. The remaining 884 thousand are attributed to the unemployment of workers in the general economy of the defense dependent states displaced through the income multiplier process.
- (7) Given the shares of small business in defense employment and in the general economy, the current unemployment resulting from defense cuts originating in small business is calculated at 599 thousand of which 530 thousand, or 88 percent, resulted from the indirect job losses in the defense dependent states.
- (8) Past experience of local economies in which defense installations were closed varied from no perceptible effects to long-term declines in employment and population. Nonmetropolitan counties generally had larger proportional economic losses than metropolitan areas.
- (9) A government analysis of the potential impact of base closings scheduled for the 1990s, projects a wide range of potential increases in the unemployment rate in the local economies affected.
- (10) Because most of the decisions by government and business which will determine the actual size of defense reductions at the local level remain to be made, and because the indirect economic impact of these reductions is unknown, the best approach at present is to identify local economies which are now vulnerable to defense reductions. Accordingly, a total of 91 metropolitan areas and 116 nonmetropolitan counties were identified which had 5 percent or more of their total 1992 employment in defense jobs. These economies can be monitored by policy makers and analysts on a current basis with the now available data.

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PREFACE

This report was prepared by the NPA Data Services, Inc., for the U.S. Small Business Administration under contract SBA-94-0437

This work is intended to estimate at the local level the probable impact of the U.S. defense restructuring on small business employment and to provide analytical and database means for keeping these estimates up to date and developing them further in the future.

Based on data as of the base year 1992, this work incorporates the latest information about U.S. defense planning, specifically the 1993 recommendations of the Base Closure and Realignment Commission (BCRC), the *Bottom Up* review of U.S. defense policy, and the FY 1995 defense budget. It also draws on work done in U.S. government agencies and in private organizations. The sources of information used are listed in References.

In particular, this work draws on previous and concurrent work done by NPA Data Services, Inc., including the work done in preparation of the *Regional Economic Projections Series*, estimates of defense employment in government and industry prepared for the forthcoming new edition of *Cuts in Defense*, *Jobs in U.S. Counties*, *Metropolitan Areas and States*, and estimates of excess unemployment attributable to defense reductions.

This report was prepared by Nestor E. Terleckyj with assistance by Ruth Oversmith. Charles D. Coleman contributed the programming and estimation of economic analyzes involved. Fred Sencindiver of the ASG Services, Inc., developed and managed the databases incorporated in this report.

Many persons helped us to complete this project. In particular, I would like to thank Edward Starr and Bruce D. Phillips of the Small Business Administration for their help in obtaining the necessary information and for helpful comments and suggestions received in the course of this work, Steven Kosiak of Defense Budget Project for his help in obtaining information, and Defense Budget Project for permission to use the data from its publications in the present work, Paul Murphy of Eagle Eye Publishers for help in explaining the CD database supplied to the Small Business Administration, George T. Schultz of the Department of Defense, Office of the Under Secretary for help in understanding the datasets relating to defense contracting and subcontracting by small business and for providing data, and Norman C. Saunders and John F. Stinson of the Bureau of Labor Statistics for providing research materials and for many helpful suggestions. The author alone is responsible for the contents of the report and for any errors that may remain.

Nestor E. Terleckyj July 1994 .

CHAPTER 1. INTRODUCTION

Objectives and the Approach of the Analysis

Substantial reductions in the U.S. defense spending, already legislated or programmed to 1999, will cut the numbers of military personnel, civilian government defense employees, and jobs in private defense contractor establishments and those of their suppliers and subcontractors. Further cuts, beyond 1999, may be made until an equilibrium post-Cold War "base force" is achieved. However, these later reductions are less certain and are outside the scope of present work.

The cuts planned for the 1990s will impact heavily on small business. Some small businesses will lose contracts or defense-related sales to the government or to prime defense contractors. Others will lose business servicing the government and private industry defense workers whose jobs will be cut.

The impacts of defense cuts will be highly specific as to location because most of the defense spending is heavily concentrated in comparatively few local economies. These impacts will differ—depending on the magnitude of the reduction in defense business relative to the total size of the local economy and, also, depending on growth in other industries that would compensate locally for the loss of defense business.

The objective of the present work is to estimate reductions in small business

¹William W. Kaufmann and John D. Steinbruner. 1991. Decisions for Defense: Prospects for a New Order. Washington, D.C.: The Brookings Institution; and William W. Kaufmann. 1992. In "Studies in Defense Policy," Assessing the Base Force, How Much is Too Much. Washington, D.C.: The Brookings Institution.

employment for the period 1992-99 that result from cuts in defense expenditures for payrolls and procurement in locations for which significant reductions have been programmed in the Defense Department budgets through the FY 1995 budget² and in the Base Closure and Realignment Commission Recommendations of 1991 and 1993.³ This work also aims at developing a method for regular updates of these estimates in the future.

While most local economies (nonmetropolitan counties or metropolitan areas) in the United States are not very dependent on defense spending, some are heavily dependent. And some large metropolitan areas and states are very dependent either on military installations or on defense contracts of private firms or on both.

The present work builds on the work done earlier by the NPA Data Services, Inc., in estimating total job losses due to defense cuts in U.S. counties and metropolitan areas.

The results of the previous work completed in 1992 were published in *Cuts in Defense Jobs in U.S. Counties, Metropolitan Areas, and States, 1991-2001*. A new forthcoming edition of this work updates previous estimates for changes made in the FY 1995 National Defense Budget and the 1993 recommendations of the Base Closure and Realignment Commission (BCRC). The updated estimates are used here.

This work extends the previous NPA Data Services analysis of cuts in defense jobs to the size of business and to a lesser extent the industry levels of data work. While the objective of the work is to identify the probable job losses to small business, in order to

²Feb. 7, 1994 DOD Press Release, FY 1995, Defense Budget, and Defense Secretary's Briefing Outline, also FY 1995 DOD budget.

³Defense Base Closure and Realignment Commission (BCRC) and Department of Defense implementation schedules.

develop these estimates, it is necessary to estimate the probable job reductions in individual states and in some industry detail because direct data on defense-dependent small business employment and its location are not available. The small business employment is then derived from state or industry information for defense purchases and contract awards.

This work draws on internal NPA Data Services information and projections of defense-dependent jobs by state and county; on the state-by-industry expenditure projections for 1991-97 of the Defense Department, *Regional Defense Economic Impact Modelling Systems* (RDEIMS);⁴ on the databases and reports of the Small Business Administration;⁵ and on state and industry 2-digit industry SIC employment data from the Department of Commerce, Bureau of Economic Analysis, *Regional Economic Information System* (REIS). In addition, it utilizes data and information from other sources, notably, the analyses conducted at the Defense Budget Project,⁶ and the U.S. Departments of Labor,⁷ and analysis of the potential impact of base closings on local economies performed at the U.S.

⁴U.S. Department of Defense. 1991. Projected Defense Purchases, Detail by Industry and State, Calendar Years 1991 through 1997. Washington, D.C.: Economic Analysis and Resource Planning Division.

⁵The Small Business Administration provided the state and industry data on disks prepared by the Bureau of the Census.

⁶Schmidt, Conrad Peter, and Steven Kosiak. 1992. Potential Impact of Defense Spending Reductions on the Defense Industrial Labor Force by State. Washington, D.C.: Defense Budget Project; also Kosiak and Bitzinger.

⁷Saunders, Norman C. 1993. "Employment Effects of the Rise and Fall in Defense Spending" (April). *Monthly Labor Review*. Office of Employment Projections, Bureau of Labor Statistics.

Department of Defense.⁸ The estimates of the effects of defense cuts on small business are extended to 1999 by the NPA Data Services based on an analysis of the FY 1995 National Defense Budget, and on the 1993 recommendations the Base Closure and Realignment Commission as well as of historical analyzes based on the NPADSI data and on the DoD studies of past cases of economic adjustment.⁹

Specialized databases were prepared for this project—combining the input from these and other diverse sources. Portions of these data are tabulated in the Appendixes. Complete databases are included here on disk as part of the final report.

The following chapters summarize the substantive highlights of the estimates obtained, detail the sources of data, and explain the process of estimation. The analytical datasets included here contain estimated projected job losses by small business resulting from the defense cuts programmed for the 1990s, by state for all states and for the MSAs and nonmetropolitan counties with significant projected losses of defense jobs. In addition, an estimate is made of the magnitude of the indirect job losses to small business through the loss of income of the previously displaced defense workers nationally and a method is suggested for monitoring likely losses of small business jobs in specific locations in the future.

⁸U.S. Department of Defense. "Economic Impact of the Base Closures and Realignments," mimeo, undated.

⁹Office of Economic Adjustment; Office of Assistant Secretary of Defense; Economic Security. Civilian Reuse of Former Military Bases, Summary of Completed Military Base Economic Adjustment Projects, September 1993; and Report Prepared By: President's Economic Adjustment Committee and the Office of Economic Adjustment, Office of the Assistant Secretary of Defense, Economic Adjustment/Conversion, July 1985.

Expected Trends in U.S. Defense Employment¹⁰

The total number of defense-dependent jobs in the United States were estimated here by NPA Data Services, Inc., for the period 1991-2003, separately for its three components: Military Personnel including Active Reserves, Government Defense Civilians, and Defense-Dependent Jobs in Private Sector. These projections are then used as the basis for county level estimates and projections.

Military Personnel

The total number of military jobs located in the United States is estimated in active duty equivalents. First, the proportion of active duty personnel that is stationed overseas is estimated, and the number of active duty jobs in the United States is calculated by subtraction. Then, the reserve positions are converted to active duty equivalents, in proportion to average pay in 1992.

Estimates and projections of military jobs in the United States are summarized in Table 1.1. These projection were made as follows:

The total number of July 1 active duty military personnel, the number stationed overseas and the number resident in the United States for 1991-1993 was obtained from the current database of the U.S. Bureau of the Census. The size of the active duty forces for 1994 was projected by the percentage change in the end-year FY strength in the 1994 budget (-6.1%) and for the years 1995-99 from the percentage changes in the end-year manpower strength projected in the FY 1995 defense budget (-9.7% in 1995, -2.0% in 1996, -1.8% in

¹⁰This section has been adapted from the forthcoming 1994 Edition of "Cuts in Defense Jobs" to be published by the NPA Data Services, Inc.

1997, -0.7% in 1998, and -0.3 in 1999). For the years 1999-2003, further reductions were projected in the active duty manpower at 1.5 percent annually. No reductions are projected after 2003, and a constant level of Armed Forces is assumed from then on.

The proportion of U.S. Armed Forces stationed overseas, during most of the post-World War II period, was in the range of 23 to 27 percent, except during the Korean and the Vietnam Wars when it was higher. This proportion has already declined from 24.0 percent in 1991 to 19.3 percent in 1992, and to 18 percent in 1993. Based on a series of interviews with governmental and private analysts, we assume here that this proportion will decline in equal annual increments to 15 percent in 2003.

The selected reserves positions (Active Reserves and the National Guard) which are located almost entirely in the United States, represent part-time employment. Hence, the local economic effects of reserves per position is low in comparison with active duty personnel. The total number of selected reserves on July 1, 1991 and 1992, is obtained from the DoD manpower statistics by interpolating between the numbers reported for September 30.

The selected reserves positions for 1992-95 were interpolated between the July 1, 1992, estimate and the September 1995 projection in the FY 1995 defense budget.

Projections for 1996-99 were based on the percent changes in the reserve strength reported in the 1995 defense budget. Further reductions of 1 percent a year were assumed for the years from 1999 to 2003.

The selected reserves positions, were then converted for each year to active duty equivalents by multiplying their numbers by .166, which is the ratio of average pay for the

two groups in 1992, obtained from the Defense Department pay data and the 1992 strength in Table 1.1. Total military jobs in the United States in active duty equivalents, i.e., the sum of the active duty personnel resident in the United States and the number of selected reserves multiplied by the conversion factor of .166 are shown in the last column of Table 1.1.

Government Defense Civilians

The total number of civilians employed within the United States, by the Department of Defense in 1991 and 1992, is reported by the Defense Department. Percentage change in these numbers from 1992 to 1999 were obtained from the Department of Defense budgets for 1994 and 1995. It was assumed that the percent of all DoD civilians working in the United States will rise from 89 percent in 1992 to 92 percent in 1995 and will remain at that level for future years. For the years between 1999 and 2003 an annual rate of decline of 1.5 percent was assumed.

The number of defense civilian jobs in the United States estimated for the years 1991-2003 is listed in Table 1.2.

Defense-Dependent Jobs in the Private Sector

Defense-dependent jobs in the U.S. private (business and nonprofit) sector are projected on the basis of future real purchases of goods and services for national defense, excluding compensation, as reported quarterly in the National Income and Product Accounts (NIPA) data of the U.S. Department of Commerce, and the future ratio of these purchases to the number of defense-dependent jobs in the private business sector. This ratio is an indicator of productivity of the defense industries.

Purchases from the private sector other than compensation are calculated by

subtracting civilian and military compensation from the total national defense purchases of goods and services in billions of 1987 dollars for the years 1994-2003 as follows:

Calendar Years	Total <u>National Defense</u>	Compensation	Purchases Except <u>Compensation</u>
Calcilual Tears	National Defense	Compensation	_Compensation
1991	\$281.3	\$108.0	\$173.3
1992	261.2	100.9	160.3
1993	242.7	96.0	146.7
1994	228.1	91.0	137.1
1995	216.2	84.3	131.9
1996	202.4	82.2	120.2
1997	193.3	80.5	112.8
1998	188.1	79.7	108.4
1999	183.5	78.8	104.7
2000	181.7	77.7	104.0
2001	179.9	76.5	103.4
2002	178.1	75.4	102.7
2003	176.3	74.3	102.0

The data for 1991-93 are the actual figures reported in the national income accounts. The data for 1994-99 were projected from the annual percent changes in the "National Defense Topline" total outlay in real dollars reported in the 1995 defense budget release. Compensation was calculated by summing up the military and civilian compensation based on the 1993 average compensation and the projected total military strength in active duty equivalents and the number of defense civilians given in Tables 2.1 and 2.2 respectively.

The implicit productivity ratio of the defense industries was calculated by dividing the historical data for 1950-93, in real defense purchases from the private sector excluding compensation (obtained from the National Income and Product Accounts, U.S. Department

of Commerce database as of 2-24-94) by the number of private sector defense jobs reported by the Defense Department in the 1995 budget. In the past, this productivity ratio grew at 0.5 percent a year from 1951 to 1966, and at 0.8 percent from 1966 to 1990. It declined by 2.8 percent from 1991 to 1992 due, according to a Defense Department interpretation, to increased employment in defense industries for Desert Storm use and replacement, and rose 1.5 percent from 1992 to 1993. It is projected here to grow at an annual rate of 1.5 percent during 1993-97 and 2.0 percent a year from 1997 to 2003. The corresponding employment numbers and the dollar amounts are listed in Table 1.2.

The growth of the productivity ratio is projected at a higher rate than in the past for two reasons. The downsizing of the defense budget will lead to reductions in the numbers of firms in each branch of the defense industry. This is likely to result in significant staff economies and elimination of duplication. Also, the shrinkage of defense employment will create a plentiful supply of qualified workers. This will allow employers to hire workers when needed rather than to hoard the skilled workers against a possible future need as was done in the past during a tight labor market.

Total Defense-Dependent Jobs in the United States

The history of the past build-up, and the projected reductions of defense-dependent jobs over the years 1978-2003 are summarized in Table 1.3. The table shows: (1) the number of active duty military positions located in the United States, (2) the reserves in active duty equivalents, (3) civilian DoD employees, and (4) defense-dependent jobs in the

¹¹Jerrold T. Lundquist, "Shrinking Fast and Smart" in *Harvard Business Review*, November-December, 1992.

private sector. In the last two columns, it also shows the total defense-dependent jobs and the annual changes in these totals.

Changes in defense-dependent jobs in the 1990s, projected by the NPA Data Services, will more than reverse the increases in jobs cumulated during the defense build-up of the late 1970s-80s. These changes will also reduce the levels of defense jobs, especially military positions, considerably below the levels of the Cold War period. They will shrink the defense industry employment somewhat below the Cold War lows of the middle 1970s.

Substantial reductions in defense jobs are projected for the years 1994-97. Hence, large reductions can be expected at the local level in most defense-dependent areas. Areas which have experienced increases in defense jobs in the 1980s will experience declines in the 1990s. Also, some permanent installations that did not expand much in the 1980s will be reduced or closed down. There will be some exceptions; but, in general, the local job levels will have to add up to the national totals.

Table 1.1
Military Jobs in the United States, 1991-2003
(Estimates for mid-year, in thousands)

	Active Duty Personnel			Selected Reserves		Total Military Jobs Active Duty and Equivalents	
Calendar Year	Total	Overseas	In U.S.	Total Number	Active Duty Equivalents	Total	In U.S.
1991	2122	511	1611	1154	192	2314	1803
1992	1965	380	1585	1125	187	2152	1 772
1993	1810	327	1483	1078	179	1989	1662
1994	1699	301	1398	1033	171	1870	1569
1995	1535	267	1268	989	164	1699	1432
1996	1505	257	1248	960	159	1664	1407
1997	1478	248	1230	944	157	1635	13 87
1998	1467	242	1225	929	154	1621	13 7 9
1999	1462	237	1225	916	152	1614	13 77
2000	1440	229	1211	907	151	1591	1362
2001	1418	221	1197	898	149	1565	1346
2002	1397	214	1183	889	148	1545	1331
2003	1376	206	1170	880	146	1522	1316

Sources: U.S. Department of Defense; U.S. Bureau of the Census; NPA Data Services, Inc.

Table 1.2

Defense-Dependent Civilian Jobs in the United States, 1991-2003

(Estimates for mid-year, in thousands)

		Private Sector					
Calendar Year	DoD Civilian Employees in U.S. (thousands)	Defense Purchases Excluding Compensation (billions of 1987 dollars)	Defense Purchases per Defense- Dependent Job (thousands of 1987 dollars)	Defense- Dependent Jobs (thousands)			
1991	911	173.3	56.36	3075			
1992	899	160.3	54.80	2925			
1993	868	146.7	55.61	2638			
1994	836	137.1	56.44	2429			
1995	803	131.9	57.28	2303			
1996	778	120.2	58.13	2068			
1997	756	112.8	58.99	1912			
1998	744	108.4	60.17	1802			
1999	730	104.7	61.38	1706			
2000	719	104.0	62.60	1661			
2001	708	103.4	63.86	1619			
2002	698	102.7	65.13	1576			
2003	687	102.0	66.44	1535			

Sources: U.S. Department of Defense; U.S. Department of Commerce; NPA Data Services, Inc.

Table 1.3
The Buildup and Reductions of Defense-Dependent Employment in the United States, 1978-2003
(thousands)

					Tot	al
Year	Active Duty Personnel in U.S.	Selected Reserves (Active Duty Equi- valents)	DoD Civilians in U.S.	Defense Dependent Jobs in the Private Sector	Defense Dependent Jobs Number	Change From Previous Year
1978	1572	149	875	1765	4380	
1979	1543	149	857	1860	4428	48
1980	1561	149	857	1990	4576	148
1981	1600	149	879	2085	4713	137
1982	1606	161	884	2290	4941	228
1983	1647	167	917	2415	5146	235
1984	1660	130	935	2735	5460	314
1985	1663	180	976	2980	5799	339
1986	1715	187	961	3315	6178	379
1987	1728	191	981	3665	6565	387
1988	1687	193	945	3450	6275	-290
1989	1680	194	970	3295	6139	-136
1990	1634	192	933	3150	5909	-230
1991	1611	192	911	3075	5789	-120
1992	1585	187	899	2925	5596	-193
1993	1483	179	868	2638	5168	-423
1994	1398	181	836	2429	4844	-324
1995	1268	164	803	2303	4538	-306
1996	1248	159	778	2068	4253	-285
1997	1230	157	756	1912	4055	-198
1998	1225	154	744	1802	3925	-130
1999	1225	152	730	1706	3813	-112
2000	1211	151	719	1661	3742	-71
2001	1197	149	708	1619	3673	-69
2002	1183	148	698	1576	3605	-68
2003	1170	146	687	1535	3538	-67

Note: For the years 1978-80, comparable data for Selected Reserves was not available. Because there was little change during those years, the 1981 number was used for the previous three years.

Sources: U.S. Department of Defense; U.S. Department of Commerce; and NPA Data Services, Inc.

CHAPTER 2: DATA AND METHODS

Principal Data Sources

The principal data sources used are:

- (1) Small Business Administration (SBA) data, originally compiled by the Bureau of the Census, is organized by 1- and 2-digit industries, by size of business, by total, small and large businesses with small business divided into establishment size classes 1-19, 20-99, and 100-499 workers. This data is tabulated for the year 1990. It is available in the industry detail listed in Appendix 1.
- (2) The Bureau of Economic Analysis (BEA) of the U.S. Department of Commerce state database for 1- and 2-digit industries as shown in Appendix 1. These data are the basis for historical estimates and projections—for states and counties—made by the NPA Data Services, Inc., (NPADSI) which are made at the 1-digit industry level. This NPADSI data includes estimates of data suppressed in the original BEA database to avoid disclosure.
- (3) The Defense Department dataset from Regional Defense Economic Impact

 Modeling System (RDEIMS) analyses. This source contains constant dollar estimates of

 direct and indirect defense purchases from industries by state for years 1991-97 implicit in

 the National Defense Budget. The distribution of constant dollar purchases by state or by

 industry can be used to estimate the corresponding distribution of employment by means of

 employment/purchase ratios. The RDEIMS estimates are available for 77 groupings of

 industries at varying levels of SIC definitions as shown in Appendix 1. The RDEIMS data is

 available in greater detail—below the 2-digit level—for industries which are important

defense suppliers, such as aircraft and parts and radio, TV, and communication equipment.

- (4) A set of proprietary data, obtained by the Small Business Administration from Eagle Eye Publishers, Inc., which classifies the U.S. government contract awards of \$25,000 and more (reported on Form SF-179) to private performers by 4-digit SIC category of the object of the contract, by place of performance, and by type of business, among others obtained on a CD-ROM are used here. Specifically, the amounts of the FY 1992 contract awards are aggregated for total and for small business awards by state in the higher level SIC classifications as discussed below and used in this work.
- (5) Estimates of defense-related direct and indirect defense industry employment by state as developed by S. Kosiak and R.A. Bitzinger of the Defense Budget Project using the results of RDEIMS estimates made by the DoD input-output methods are used to derive state distribution of defense industry employment.
- (6) Estimates of direct and indirect defense industry employment (i.e., including prime contractors, subcontractors, and vendors) by industry developed by Norman C. Saunders of the Bureau of Labor Statistics using BLS input-output methods are used to estimate defense industry employment. However, because of the lack of small industry detail for small prime contracts (under \$25,000) and for subcontracts, it was not possible to develop small business data by industry.

A Common Set of Industry Definitions

Because the industry definitions used in different data sources vary substantially, in order to establish comparability of data, the initial step in the preparation of the database for the defense-dependent small business employment was development of a common set of

industry definitions consistent with the industry definitions used in the principal data sources. It was possible to do this because ultimately all classifications used SIC categories at some level of detail.

The industry detail selected for the present analysis of the impact of defense cuts on small business employment, and for the preparation of the database that would facilitate future analyses, has to reconcile the industry detail available in the three critical data sources used. For example, total jobs—including proprietor jobs from BEA/NPADSI—at the state and county level, and the state level data for employment by size of industry from SBA, and DoD RDEIMS defense purchases data by state and by industry.

A set of 32 industry definitions—consistent with the industry definitions used in these three data sources—is shown in Table 2.1. Table 2.1 shows the correspondence of each of the industries defined for the present study—in each of the three basic sources—to one or more industry components, i.e., the SIC/SBA, RDEIMS, and BEA data sets which are itemized in Appendix 1. The data from other sources is also consistent with these definitions.

All the industry definitions, in the three sources, are based on the Standard Industrial Classification (SIC) code. However, they are not at the same level of SIC detail. The BEA list follows the two digit SIC classifications exactly; the SBA list omits a number of industries; and a few more industries were omitted from this study. (See the note to Table 2.1). The RDEIMS list focuses in greater detail on defense industries.

Because the object of the present analysis is the private sector jobs, the government sector is excluded from all these definitions.

The SBA listing excludes the Farm sector; from Transportation and Warehousing it excludes the U.S. Postal Service and Railroad Transportation; and from Services, the Private Household and Services Not Elsewhere Classified. Also omitted from the present tabulations are SIC categories 84—Museums, Art Galleries, etc., and 86—Membership Organizations, which for the most part represent nonbusiness employment. It was also necessary to exclude Tobacco Manufacturing and Leather and Leather Product industries; and from the Transportation and Warehousing industry, Transportation by Air and Pipelines, because the suppressions of information made it impossible to compute a meaningful share of small business. The final selection of 32 industries, shown in Table 2.1, permits estimation of U.S. data for the 32 industries covered for the United States without presence of a suppressed sector. It also permits calculation of the distribution of employment by size of firm including proprietors for most industries in most states. This is discussed in the next chapter.

Table 2.1
SBA Project - Matching Industry Codes

No.	Industry Group	SIC/SBA Code	RDEIMS Code	BEA Code
Agricult	ural Services, Forestry, & Fishery			
Agricuiti	Agri Serv, Forest., Fish., & Other	07/08/09	R3/4	100
Mining	Agii beiv,i olest.,i isii.,& Other	07700707	NJ/T	100
2.	Mining	10/12/13/14	R5/6/7/8/9/10	130
Construc		10/12/13/14	10/0///0/5/10	150
3.	Construction	15/16/17	R11/12	180
Manufac		15,10,1,	RIIII	100
4.	Food & Kindred Products	20	R14	210
5.	Textile Mill Products	22	R16/17	220
6.	Apparel & Other Textile Products	23	R18/19	230
7.	Lumber & Wood Products (excl. Furniture)		R20/21	320
8.	Furniture & Fixtures	25	R22/23	330
9.	Paper & Allied Products	26	R24/25	240
10.	Printing & Publishing	27	R26	250
11.	Chemicals & Allied Products	28	R27/28/29/30	260
12.	Petroleum & Coal Products	29	R31	270
13.	Rubber & Misc. Plastic Products	30	R32	290
14.	Stone, Clay, Glass, & Concrete Products	32	R35/36	410
15.	Primary Metal Industries	33	R37/38	340
16.	Fabricated Metal Products	34	R39/40/41/42	350
	(Except Machinery & Trans. Equip.)		10077 107 117 12	
17.	Machinery, Computer Equip.	35	R43/44/45/46/47/48/	360
- / ·	(Except Electrical)		49/50/51/52	
18.	Electric & Electronic Equip.	36	R53/54/55/56/57/58	370
10.	(Except Computer Equipment)			*
19.	Trans. Equip. Incl. Motor Vehicles	37	R59/60/61	380/90
20.	Instruments & Related Products	38	R62/63	420
21.	Misc. Manufacturing Industries	39	R64	430
	tation, Communications, Etc.	3,	1101	.50
22.	Transportation & Warehousing	41/42/44/45/46/47	R65	460/70/80
23.	Communication	48	R66/67	490
24.	Electric, Gas, & Sanitary Service	49	R68	500
	e and Retail Trade			
25.	Wholesale & Retail Trade	50/51/52/53/54/55/56/57/59	R69	510/20-excl.527
۵.	(Except Eating & Drinking Places)	30/31/32/33/34/30/30/30/30/39	1107	D10.20 0
26.	Eating & Drinking Places	58	R74	527
	Insurance, and Real Estate	30		<i>52</i> ,
27.	Finance & Insurance	60/61/62/63/64/67	R70	540/52/53/54/57
28.	Real Estate & Rentals	65	R71	555/56
Services	1701 Dage of Honeig		11/1	200100
29.	Personal Services	72	R72	580
30.	Business Services	73	R73	601
31.	Automotive Repairs & Services	75 75	R75	602
32.	Other Services	70/76/78/79/80/81/	R77	570/603/11/12/21/
<i>J</i> <u>2</u> .	(excludes84,86,88,89)	82/83/87	4377	22/23/24/27
*	Ordinance & Accessories	\$2163161	R13	*
	Ordinance of Accessories		NIJ	

^{*} No matching codes available. The industry is included in SIC/SBA Code 34 and 37. It has negligible small business participation and is not analyzed separately in this work.

Note: The following designated SIC classes are not covered by the SBA size of business database and are omitted from the present analysis: 01-02--Farm, 40--Railroad Transportation, 43--U.S. Postal Service, 88--Private Households. Also omitted are 84--Museums and 86--Membership Organizations because for the most part they represent nonbusiness employment. In addition, it became necessary to exclude 21--Tobacco Products, 31--Leather Products, 45--Transportation by Air, 46--Pipelines, except National Gas, and 89--Services Not Elsewhere Classified because of massive suppressions of data to avoid company disclosures in these categories, especially for large business, does not permit meaningful estimates of distributions of employment by size of business.

CHAPTER 3: SMALL BUSINESS EMPLOYMENT INCLUDING PROPRIETORS BY INDUSTRY AND STATE, 1990

The SBA/Census employment data covers wage and salary employment by industry, state, and size of business, while the BEA state/industry database also includes the jobs of proprietors, self-employed in sole proprietorships and partnerships, which is derived from Internal Revenue Service information.

In order to estimate total small business employment and the impact of defense cuts on small business jobs, it is important to include the self-employed proprietor jobs in the respective state and industry totals.

SBA database contains wage and salary employment in 51 state units, j = 1,2,...51 arranged into 32 industries i = 1,2,...32. Abstracting from the size of business detail these can be represented symbolically for total small business employment as an array of 51 x 32 = 1632 elements sw_{ij}. However, as explained below, some of these elements cannot be calculated because the data has been suppressed to avoid disclosure, so that the actual number of computed elements is smaller.

The BEA state database includes—for 2-digit industries—estimates of total jobs and of wage and salary jobs. The number of proprietors is calculated as the difference between the two. To each element of the above wage and salary employment array is added the corresponding number of proprietors p_{ij} in 1990 obtained from the BEA database for states by subtracting the BEA reported wage and salary employment from the reported total employment by state and industry after the BEA industries have been rearranged into the 32

industries used here. The final array of total small business jobs then becomes $sb_{ij} = sw_{ij} + p_{ij}$.

Total small business employment is estimated for the 32 industries, by industry and state, by adding to the SBA small business wage and salary jobs the estimated number of proprietors. All proprietors jobs are assumed to be in establishments with less than 20 workers. Proprietors are added to the column of less than 20 workers, to the total small business employment, i.e., the column of less than 500 workers and to the total employment. The U.S. total estimates for the 32 industries are given in Table 3.1.

Table 3.2 shows the U.S. summary for industries of the data for which the estimates were made. Appendix 2 contains the tabulations of the estimates for the fifty states and the District of Columbia as well as the U.S. summaries given in Tables 3.1 and 3.2.

Adding proprietors to the small business wage and salary employment and to total employment increased the calculated share of small business in total industry employment in individual states by some amount in each case. For the United States total, the share of small business increased from 53.1 percent for wage and salary workers to 61 percent for all workers including proprietors. Increase in the share of small business was comparatively small in industries in which there are few proprietors, such as textile mill products, paper and allied products, petroleum, primary metal products, and transportation equipment. Increases in the small business share were significantly larger in construction, lumber industry, stone, clay and glass, transportation and warehousing, wholesale and retail trade, eating and drinking establishments, real estate and rentals, and in all service industries defined in this project. Table 3.2 is confined to the summary of the state/industry cases,

excluding cases with data omissions made to prevent disclosure of information about individual firms. However, the summary of these cases given in Table 3.2 shows essentially the same results for the United States as the data derived from actual totals reported without data suppressions in Table 3.1. Appendix 2 contains employment tabulations including proprietors, by size of business, by state and by industry, and the small business employment ratios for all the cases for which complete information was provided. This data is also provided on the data disk included in this report in the SBRPT data tables.

Table 3.3 analyzes the relative prevalence of small business employment derived from the data in Appendix 2. The percent of small business jobs, so defined, is listed in the first column. The second column lists the number of states for which the estimates of small business and total employment were made for the given industry, and the third column shows the percentage of states in which the small industry employment was 60 percent or more of total employment in the given industry.

For three industries, the number of states for which the estimates of the small business share could be made was less than 10 which is too small to derive a meaningful percentage of states. Nevertheless, Columns (1) and (3) of Table 3.3 clearly bring out the dominance of small business in construction, lumber and wood products, eating and drinking places, real estate and rentals, personal services, business services, and automotive repair services, and a comparatively small role of small business in chemicals, primary metal, electric and electronic equipment, transportation equipment, instruments manufacturing, and in communication and public utilities.

The tabulation of data by state and size of business based on state/industry estimates

for which all size of business data was available is shown in Table 3.4. In the aggregate, for all cases for which small business share was computed, the small business share was 60.1, very close to that shown for all states and industries in Table 3.1. The share of small business employment in the state total employment varied significantly. It was highest, over 80 percent, in four states with comparatively small population and employment, New Mexico, North Dakota, Vermont, and Wyoming. It was lowest in South Carolina (49.6 percent) and in Arkansas (53.8 percent). However, in 30 of the 51 states and the District of Columbia cases, the small business share of all jobs varied within the fairly narrow range between 55 and 65 percent.

23

				t				
	Proprietors	Less Than 20	20-99	100-422	Less Than 500	Over 500	Total Jobs	% Small Business
Agri. Serv., Forest., Fish., & Other	471,100	770,027	127,895	50,545	948,467	56,758	1,005,225	94.35 %
Mining	294,700	383,338	111,605	87,423	582,366	435,754	1,018,120	57.20 %
Construction	1,873,300	4,046,037	1,663,237	791,975	6,501,249	630,575	7,131,824	91.16 %
Food & Kindred Products	8,600	69,060	158,745	246,640	474,445	1,100,013	1,574,458	30.13 %
Textile Mill Products	3,000	19,882	64,464	120,715	205,061	478,702	683,763	29.99 %
Apparel & Other Textile Products	41,400	123,467	248,851	273,639	645,957	456,400	1,102,357	58.60 %
Lumber & Wood Products (exc. Furniture)	87,600	231,071	190,062	149,996	571,129	240,456	811,585	70.37 %
Furniture & Fixtures	20,200	66,392	103,163	113,499	283,054	259,232	542,286	52.20 %
Paper & Allied Products	900	15,454	66,139	94,867	176,460	502,919	679,379	25.97 %
Printing & Publishing	93,200	348,945	322,889	263,987	935,821	790,942	1,726,763	54.20 %
Chemicals & Allied Products	9,400	42,638	72,981	99,867	215,486	891,259	1,106,745	19.47 %
Petroleum & Coal Products	700	5,189	10,256	12,737	28,182	116,777	144,959	19.44 %
Rubber & Misc. Plastic Products	800	46,945	158,913	215,153	421,011	500,786	921,797	45.67 %
Stone, Clay, Glass & Concrete Products	70,300	124,368	105,192	93,565	323,125	301,192	624,317	51.76 %
Primary Metal Industries	2,100	21,241	70,589	118,703	210,533	539,008	749,541	28.09 %
Fabricated Metal Products (exc. mach.)	12,100	161,210	362,745	329,159	853,114	681,256	1,534,370	55.60 %
Machinery, Computer Eqpmnt (exc. elect.)	38,200	263,307	383,186	324,399	970,892	1,158,258	2,129,150	45.60 %
Electric & Electronic Equipment	9,200	62,100	164,402	250,221	1 476,723	1,208,256	1,684,979	
Trans. Eqpmnt., Incl. Motor Vehicles	5,400	41,616	86,613	127,709	255,938	1,680,418	1,936,356	13 22 %
Instruments & Related Products	700	35,401	83,939	118,65	5 237,995	783,057		1
Misc. Manufacturing Industries	55,700	128,15			1 332,051		•	1
Transportation & Warehousing	597,300	1,141,364	573,698	387,86			3,082,309	1
Communication	33,100							1
Electric, Gas & Sanitary Service	\$3,900	•	1 '	1 '	1			
Wholesele & Retail Trade (exc. cating)	2,759,200							
Eating & Drinking Places	292,500							4
Finance & Insurance	1,385,000	1 ' '						4
Real Estate & Rentals	2,459,400							•
Personal Services	1,103,000		1	1 '		1 '		
Business Services	1,654,600							
Automotive Repairs & Services	391,500							•
Miscellaneous Services	4,298,000	8,227,0				77 8,698,16		1
All Industries	18,126,100	35,921,7	16,950,42	13,171,60	07 66,043,80	04 42,300,10	6 108,343,91	0 60.96 %
L	_1				!	l		

Note: Due to data suppressions made to avoid disclosure, the subtotals do not necessarily add up to totals. In most cases these discrepancies are not large

Table 3.2

Employment by Size of Firm and Industry for which Small Business and Total Employment Data has been Calculated for Selected States.

Food & Kindred Products	
Mining Construction 1,464,352 3,204,086 1,362,607 663,507 5,230,200 525,408 5,755,608 99 Food & Kindred Products 143,032 202,339 156,450 245,275 604,064 1,096,468 1,700,532 33 Textile Mill Products 24,825 36,672 51,127 96,015 183,814 412,149 595,963 33 Apparel & Other Textile Products 24,610 100,515 236,071 257,839 594,425 416,446 1,010,871 53 Lumber & Wood Products (exe. Furniture) 142,214 279,915 183,057 146,284 609,256 235,735 844,991 77 Lumber & Fixtures 19,906 60,381 92,549 107,598 260,528 250,887 511,415 53 Paper & Allied Products 635 12,059 52,651 76,349 141,059 325,978 467,037 33 Printing & Publishing 92,101 344,159 320,007 262,855 927,021 786,432 1,713,453 53 Chemicals & Allied Products 98 1,121 2,002 3,233 6,356 40,909 47,265 Rubber & Miss. Plastic Products 98 1,121 2,002 3,233 6,356 40,909 47,265 Rubber & Miss. Plastic Products 60,210 108,395 95,751 86,490 290,636 292,755 583,391 Primary Metal Industries 21,533 38,220 63,860 106,814 208,894 448,467 657,361 Pabricated Metal Products (exe mach) 11,400 157,781 358,592 326,074 842,447 676,970 1,519,417 Machinery, Computer Egymnt (exe. elect) 36,864 259,537 38,0031 322,268 961,836 1,152,152 2,113,988	
Construction	0187 %
Food & Kindred Products 143,032 202,339 156,450 245,275 604,064 1,096,468 1,700,532 3 Textile Mill Products 24,825 36,672 51,127 96,015 183,814 412,149 595,963 3 Apparel & Other Textile Products 24,610 100,515 236,071 257,839 594,425 416,446 1,010,871 5 Lumber & Wood Products (exc. Furniture) 142,214 279,915 183,057 146,284 609,256 235,735 844,991 7 Furniture & Fixtures 19,906 60,381 92,549 107,598 260,528 250,887 511,415 5 Paper & Allied Products 635 12,059 52,651 76,349 141,059 325,978 467,037 37 Printing & Publishing 92,101 344,159 320,007 262,855 927,021 786,432 1,713,453 5 Chemicals & Allied Products 9,038 40,128 69,215 94,611 203,954 827,160 1,031,114 1 Petroleum & Coal Products 98 1,121 2,002 3,233 6,356 40,909 47,265 8 Rubber & Misc. Plastic Products 98 1,121 2,002 3,233 6,356 40,909 47,265 8 Stone, Clay, Glass & Concrete Products 60,210 108,395 95,751 86,490 290,636 292,755 583,391 Fibricated Metal Products (exc. mach) 11,400 157,781 358,592 326,074 82,447 676,970 1,519,417 Machinery, Computer Eqpmnt (exc. elect) 36,864 259,537 380,031 322,268 961,836 1,152,152 2,113,988	2
Textile Mill Products 24,825 36,672 51,127 96,015 183,814 412,149 595,963 3 Apparel & Other Textile Products 24,610 100,515 236,071 257,839 594,425 416,446 1,010,871 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Apparel & Other Textile Products Lumber & Wood Products (exc. Furniture) Lumber & Wood Products (exc. Furniture) Furniture & Fixtures 19,906 60,381 Paper & Allied Products Printing & Publishing Chemicals & Allied Products 9,038 40,128 99,038 40,128 69,215 Rubber & Misc. Plastic Products 731 Rubber & Misc. Plastic Products 731 Stone, Clay, Glass & Concrete Products 11,400 15,781 36,864 24,610 100,515 236,071 237,839 594,425 416,446 1,010,871 257,839 594,425 416,446 1,010,871 257,839 594,425 416,446 1,010,871 257,839 594,425 416,446 1,010,871 257,839 594,625 235,735 844,991 76 76,349 141,059 325,978 467,037 320,007 262,855 927,021 786,432 1,713,453 37 2002 323,333 6,356 40,909 47,265 Rubber & Misc. Plastic Products 731 44,429 152,966 206,854 404,249 488,715 892,964 Stone, Clay, Glass & Concrete Products 60,210 108,395 95,751 86,490 290,636 292,755 583,391 Primary Metal Industries 21,533 38,220 63,860 106,814 208,894 448,467 657,361 Fabricated Metal Products (exc. mach) 11,400 157,781 358,592 326,074 842,447 676,970 1,519,417 Machinery, Computer Eqprint (exc. elect) 36,864 259,537 380,031 322,268 961,836 1,152,152 2,113,988	5.52 %
Lumber & Wood Products (exc. Furniture) 142.214 279,915 183,057 146,284 609,256 235,735 844,991 7 Furniture & Fixtures 19.906 60,381 92,549 107,598 260,528 250,887 511,415 5 Paper & Allied Products 635 12,059 52,651 76,349 141,059 325,978 467,037 3 Printing & Publishing 92,101 344,159 320,007 262,855 927,021 786,432 1,713,453 5 Chemicals & Allied Products 9,038 40,128 69,215 94,611 203,954 827,160 1,031,114 1 Petroleum & Coal Products 98 1,121 2,002 3,233 6,356 40,909 47,265 Rubber & Misc. Plastic Products 731 44,429 152,966 206,854 404,249 488,715 892,964 Stone, Clay, Glass & Concrete Products 60,210 108,395 95,751 86,490 290,636 292,755 583,391 Primary Metal Industries 21,533 38,220 63,860 106,814 208,894 448,467 <t< th=""><th>5.52 % 0.84 % 8 80 % 2.10 % 0.94 % 0.20 % 4.10 %</th></t<>	5.52 % 0.84 % 8 80 % 2.10 % 0.94 % 0.20 % 4.10 %
Furniture & Fixtures 19,906 60,381 92,549 107,598 260,528 250,887 511,415 52 52,651 76,349 141,059 325,978 467,037 33 320,007 262,855 927,021 786,432 1,713,453 53 53 53 53 53 53 53	8 80 %
Paper & Allied Products 635 12,059 52,651 76,349 141,059 325,978 467,037 786,432 1,713,453 1,713,453 1	<u> کے ا% 10.5</u>
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Chemicals & Allied Products 9,038 40,128 69,215 94,611 203,954 827,160 1,031,114 Petroleum & Coal Products 98 1,121 2,002 3,233 6,356 40,909 47,265 Rubber & Misc. Plastic Products 731 44,429 152,966 206,854 404,249 488,715 892,964 Stone, Clay, Glass & Concrete Products 60,210 108,395 95,751 86,490 290,636 292,755 583,391 Primary Metal Industries 21,533 38,220 63,860 106,814 208,894 448,467 657,361 Fabricated Metal Products (exc. mach) 11,400 157,781 358,592 326,074 842,447 676,970 1,519,417 Machinery, Computer Egpmnt (exc. elect) 36,864 259,537 380,031 322,268 961,836 1,152,152 2,113,988	0.20 %
Petroleum & Coal Products 98 1,121 2,002 3,233 6,356 40,909 47,265 Rubber & Misc. Plastic Products 731 44,429 152,966 206,854 404,249 488,715 892,964 Stone, Clay, Glass & Concrete Products 60,210 108,395 95,751 86,490 290,636 292,755 583,391 Primary Metal Industries 21,533 38,220 63,860 106,814 208,894 448,467 657,361 Fabricated Metal Products (exc. mach) 11,400 157,781 358,592 326,074 842,447 676,970 1,519,417 Machinery, Computer Egpmnt (exc. elect) 36,864 259,537 380,031 322,268 961,836 1,152,152 2,113,988	4.10 %
Rubber & Misc. Plastic Products 731 44,429 152,966 206,854 404,249 488,715 892,964 Stone, Clay, Glass & Concrete Products 60,210 108,395 95,751 86,490 290,636 292,755 583,391 Primary Metal Industries 21,533 38,220 63,860 106,814 208,894 448,467 657,361 Fabricated Metal Products (exc. mach) 11,400 157,781 358,592 326,074 842,447 676,970 1,519,417 Machinery, Computer Eqprinit (exc. elect) 36,864 259,537 380,031 322,268 961,836 1,152,152 2,113,988	9 78 %
Stone, Clay, Glass & Concrete Products 60,210 108,395 95,751 86,490 290,636 292,755 583,391 Primary Metal Industries 21,533 38,220 63,860 106,814 208,894 448,467 657,361 Fabricated Metal Products (exc. mach) 11,400 157,781 358,592 326,074 842,447 676,970 1,519,417 Machinery, Computer Eqprinat (exc. elect) 36,864 259,537 380,031 322,268 961,836 1,152,152 2,113,988	9 78 % E
Primary Metal Industries 21.533 38.220 63.860 106.814 208.894 448.467 657.361 Fabricated Metal Products (exc. mach.) 11.400 157.781 358.592 326.074 842.447 676.970 1,519.417 Machinery, Computer Equant (exc. elect.) 36.864 259.537 380.031 322.268 961.836 1,152.152 2,113.988	5.27 %
Fabricated Metal Products (exc. mach.) 11,400 157,781 358,592 326,074 842,447 676,970 1,519,417 Machinery, Computer Equant (exc. elect.) 36,864 259,537 380,031 322,268 961,836 1,152,152 2,113,988	9.82 %
Machinery, Computer Egymnt (exc. elect) 36,864 259,537 380,031 322,268 961,836 1,152,152 2,113,988	19.82 % 1 11.78 %
Machinery, Computer Equinmt (exc. elect.) 36,864 259,537 380,031 322,268 961,836 1,152,152 2,113,988 Electric & Electronic Equipment 8,851 60,155 160,682 242,104 462,941 1,143,425 1,606,366	
Electric & Electronic Equipment 8,851 60,155 160,682 242,104 462,941 1,143,425 1,606,366	15 50 % 18 82 %
	28 82 %
	14 03 4/
	23 40 %
	71.03 %
Transportation & Warchousing 37,800 80,307 45,676 34,421 160,404 55,688 216,092	23 40 % 71.03 % 74.23 % 20.78 % 20 13 %
Communication 57,697 116,488 97,004 78,948 292,440 1,114,653 1,407,093	20.78 %
Electric, Gas & Sanitary Service 32,515 56,395 38,037 35,195 129,627 514,313 643,940	20 13 %
Wholesale & Retail Trade (exc. eating) 2,298,970 6,239,386 3,308,363 1,856,779 11,404,528 7,680,285 19,084,813	59.76 %
Eating & Drinking Places 292,500 1,638,710 2,056,559 964,427 4,659,696 2,209,598 6,869,294	67.83 %
Finance 8 Insurance 1.014,982 1.472,862 471,112 488,026 2,432,000 2,877,485 5,309,485	45.80 %
Real Estate & Rentals 2,426,322 3,024,482 331,246 241,526 3,597,254 209,587 3,806,841	94.49 %
Personal Services 1,070,081 1.653,422 245,372 112,613 2,011,407 257,895 2,269,302	88.64 %
Personal Services 1,070,081 1,653,422 245,372 112,613 2,011,407 257,895 2,269,302 Business Services 1,645,309 2,534,677 942,067 1,070,976 4,547,720 2,345,904 6,893,624	65.97 %
	87.00 %
Miscellaneous Services 1,562,875 2,955,010 1,154,181 1,283,037 5,392,228 3,435,444 8,827,672	61.08 %
Automotive Repairs & Services 369,294 862,991 163,586 63,831 1,090,408 162,872 1,253,280 Miscellaneous Services 1,562,875 2,955,010 1,154,181 1,283,037 5,392,228 3,435,444 8,827,672 12,983,212 25,823,482 12,840,067 9,776,176 48,439,725 32,202,426 80,642,151	60.07 %
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Note: Due to data suppressions made to avoid disclosure, the subtotals do not necessarily add up to totals. In most cases these discrepancies are not large

Table 3.3
Relative Prevalence of Small Business Employment by Industry and State, 1990

Industry	Estimated Small Business Employment					
	As percent of all U.S. jobs in industry	Number of states with estimates	Percent of states with 60% or more jobs in small business			
Construction	91	25	100			
Food & Kindred Products	36	46	13			
Textile Mill Products	31	14	50			
Apparel & Other Textile Products	59	29	38			
Lumber & Wood Products (excl.Furniture		39	87			
Furniture & Fixtures	51	27	44			
Paper & Allied Products	30	19	0			
Printing & Publishing	54	46	35			
Chemicals & Allied Products	20	32	3			
Petroleum & Coal Products	13	4	0			
Rubber & Misc. Plastic Products	45	36	28			
Stone, Clay, Glass & Concrete Products	50	34	26			
Primary Metal Industries	32	26	8			
Fabricated Metal Products (excl. mach.)	55	40	43			
Machinery, Computer Equipment (excl. el	ec.) 45	43	19			
Electric & Electronic Equipment	29	37	3			
Trans. Equipment incl. Motor Vehicles	17	27	0			
Instruments & Related Products	23	29	0			
Misc. Manufacturing Industries	71	30	60			
Transportation & Warehousing	74	1	100			
Communication	21	40	5			
Electric, Gas & Sanitary Service	20	24	0			
Wholesale & Retail Trade (excl. eating)	60	28	64			
Eating & Drinking Places	68	51	92			
Finance & Insurance	46	20	5			
Real Estate & Rentals	94	45	100			
Personal Services	89	43	100			
Business Services	66	49	90			
Automotive Repairs & Services	87	41	100			
Miscellaneous Services	61	6	67			
All Industries	60	51	69			

Sources: Small Business Administration; U.S. Department of Commerce; NPA Data Services, Inc.

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LT20 20-99 100-499 1.T500 OVER500 % Small Business Proprietors Total Jobs 379,671 175,247 134.033 688.951 511,630 1,200,581 57.4% ALABAMA 199,991 7,329 26,043 8,027 34,070 76.4 % **ALASKA** 5.314 11.609 7,105 **ARIZONA** 150,965 283,384 135,287 89,247 507,918 352,701 860,619 59.0 % **ARKANSAS** 72,680 44,792 41.569 199,193 170,982 370,175 53.8 % 112,832 1,557,886 4,744,379 62.7 % CALIFORNIA 2,127,022 7,981,758 12,726,137 2,210,173 4,296,850 73,387 66.3 % COLORADO 190,331 313,505 126,528 513,420 260,947 774,367 I CONNECTICUT 168.318 337,712 168.934 125,620 632,266 456,763 1,089,029 58.1 % 45,504 23,589 65.9 % DELAWARE 12,700 23,582 13,160 8.762 69.093 DISTRICT OF COLUMBIA 12.909 25,797 21,135 17,857 64.789 51,542 116,331 55.7 % 628,477 401,603 2,476,932 1,439,117 63.3 % FLORIDA 721.839 1,446,852 3.916,049 GEORGIA 305,231 625,358 309,412 234,970 1,169,740 991,925 2.161,665 54.1 % HAWAH 22,629 47,537 29.321 20,534 97,392 34,461 131,853 73.9 % 25,429 12,754 IDAHO 44,686 16.592 74.032 28,646 102,678 72.1 % 2,921,577 2,050,142 ILLINOIS 711,235 1,469,388 795,086 657,103 4,971,719 58.8 % the INDIANA 257,761 537,792 298,368 235,369 1,071,529 799,087 1,870,616 57.3 % liowa. 140,566 262,625 115,308 73,514 451,447 279,166 730,613 61.8 % KANSAS 125,579 206,976 85.800 63,779 356,555 201,030 557,585 63.9 % KENTUCKY 84,745 141,024 73,231 61.344 275,599 202,785 478,384 57.6 % 75,518 357,686 217,119 574.805 62.2 % LOUISIANA 98.826 185,444 96,724 MAINE 31,332 53.283 24,205 19,345 96.833 24,747 121,580 79.6 % MARYLAND 225,304 471,602 260,722 185,194 917,518 560,068 1,477,586 62.1 % MASSACHUSETTS 359.582 707.033 359.801 263.831 1.330.665 901.028 2.231.693 59.6 % 1,377,038 1,160,312 54.3 % MICHIGAN 278.709 641,621 430,353 305.064 2,537,350 MINNESOTA 240,121 487.082 259,282 185,396 931,760 608,003 1.539,763 60.5 % MISSISSIPPI 101,594 151,729 51,388 50,880 253,997 171,052 425,049 59.8 % MISSOURI 241,211 411,319 178,355 131.051 720,725 528,801 1,249,526 57.7% MONTANA 5,671 19,163 11,452 3,725 34.340 11,007 45,347 75.7% 61.3 % NEBRASKA 59,919 128,069 66,737 39.434 234,240 147,579 381,819 NEVADA 33,459 58,232 27,694 15,200 101.126 34,205 135,331 74.7 % NEW HAMPSHIRE 179,144 40,147 66,400 31,444 19,807 117,651 61,493 65.7 % **NEW JERSEY** 392,672 846,949 444,727 331,291 1,622,967 1,091,847 2,714,814 59.8 % NEW MEXICO 38.729 63.380 24.886 16.300 104,566 25.816 130,382 80.2 % NEW YORK 1,137,819 2,478,486 1,219,423 1.033.027 4.730.936 3,132,739 7.863.675 60.2 % 2.209,687 **NORTH CAROLINA** 311,142 644.608 318,595 262,517 1,225,720 983,967 55.5 % NORTH DAKOTA 9,578 19,109 10,854 6.107 36,070 8,205 44,275 81.5 % OHIO 641,719 1,315,526 721,956 583,120 2,620,602 2,004,834 4,625,436 56.7 % 94,599 OKLAHOMA 115.285 227,207 73.021 394.827 246,401 641,228 61.6 % 109.434 604.221 233.868 838.089 72.1 % OREGON 180,323 342,633 152,154 58.9 % **PENNSYLVANIA** 713,573 1.476.920 777.140 669,409 2.923.469 2.042,320 4.965.789 RHODE ISLAND 19.316 43.829 32,265 26,791 102,885 49,406 152,291 67.6 % 464,222 472,631 936,853 49.6 % SOUTH CAROLINA 119,163 242,550 117,507 104,165 27,485 11,572 39,057 70.4 % SOUTH DAKOTA 3,594 12,400 9,835 5,250 TENNESSEE 225,034 442.816 223,864 174,992 841.672 646,621 1.488,293 56.6 % 1.549.088 563,318 2,833,825 2,118,370 4,952,195 57.2 % TEXAS 791,647 721,419 31,425 142.043 79.212 221,255 64.2 % UTAH 42,707 70,648 39,970 40.598 80.2 % VERMONT 10,424 20,160 12,225 8,213 10.012 50,610 420,985 724,166 287,365 208,183 1.219,714 799,188 2.018,902 60.4 % VIRGINIA 1,238,021 495,760 1,733,781 71.4 % WASHINGTON 372,982 718,009 311,318 208,694 27,271 180,474 76,269 256,743 70.3 % WEST VIRGINIA 52,218 106,880 46,323 62.0 % 246,080 520.393 298.826 219.987 1.039,206 636.811 1,676,017 WISCONSIN 17,978 4,244 22,222 80.9 % 3,952 9,568 5,854 2,556 WYOMING 12,840,067 9,776,176 48,439,725 32,202,426 80,642,151 60.1 % UNITED STATES (sum of states) 12,983,212 25,823,482

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CHAPTER 4. SMALL BUSINESS EMPLOYMENT IN DEFENSE INDUSTRY, 1992-1999

Small Business Employment in the U.S. Defense Industry in 1992

The estimate of total private industry defense employment of 2925 thousand persons in 1992 was obtained from the Department of Defense FY 1995 budget. The state distribution of this total was derived from the analysis of the Defense Budget Project. The state estimates include employment by defense contractors and the subsequent rounds of their subcontractors and suppliers. The defense industry employment constitutes over one-half (52%) of the total estimated defense employment in government and industry in the United States of 5596 thousand in 1992. The government defense jobs in 1992 include 1585 thousand active duty military positions in the United States, plus 187 thousand full-time equivalents of reserves and National Guard positions in the U.S. and 899 thousand civilian workers of the Defense Department for a total of 2681 thousand government defense jobs in the base year 1992.

Small business, as defined by the Department of Defense,¹³ accounts for 36 percent of the purchases, direct and indirect, other than wages and salaries, by the Department of Defense. No official estimates of defense jobs in the small business are available. A

¹²Kosiak, Steven, and Richard A. Bitzinger. 1993. Potential Impact of Defense Spending Reductions on the Defense Industrial Labor Force by State (May). Washington, D.C.: Defense Budget Project.

¹³The U.S. Department of Defense uses alternate criteria of either the number of jobs or the amount of revenue depending on the object of contract.

benchmark estimate of the small business employment in defense industry is made from the proportion of purchases. Consequently, the small business employment in the U.S. defense industry in 1992 is estimated here at 1,053,000 jobs or 36 percent of the defense industry employment of 2,925,000.

This calculation is based on the FY 1992 distribution of contract awards reported by the Department of Defense, Office of Small Business Utilization:

Total domestic prime purchase contracts Prime contracts to big business	
Prime contracts to small business	
Subcontracts from 1.742 lorge defense contractors	S
Subcontracts from 1,742 large defense contractors to small business	18.2 billion

Assuming that there is no net flow of purchases from small business to big business, that the distribution of these contracts is representative of all purchases, and that jobs are distributed in proportion to purchases, the small business performance of defense work thus represents 36.0 percent of all defense jobs in the private sector, of which 20.5 percent represents the small business prime contract work and 15.5 percent work on subcontracts from large prime defense contractors.

The differences between the amounts in the above accounting and the amounts reported for large (\$25,000 and over) prime contracts in the Eagle Eye database is due mostly to the difference in the size of contracts reported, but it may also be due to the differences in the method of information collection. The Eagle Eye totals are:

Total large DoD contracts awards	\$107.4 billion
Awards to big business	90.3 billion
Awards to small business	17.1 billion

In this data set the small business awards amount to 15.9 of total large prime contract awards, while for all prime contracts reported by the Department of Defense, the small business proportion is 20.5. The difference is consistent with the DoD estimate of \$8 billion in contracts under \$25 thousand awarded to small business in FY 92.

State Location of the Defense Industry Jobs, 1992

There is no direct estimate of small business defense jobs by state. However, estimates can be made from the reported distribution of the amount of defense contracts and purchases and the available estimates of all defense industry jobs by state.

Total defense industry jobs by state estimated by the Defense Budget Project, ¹⁴ rescaled to the Defense Department total defense industry employment of 2,925,000 reported subsequently in the budget document for FY 1995 are shown in the first column of Table 4.1. The small business share of reported large contract awards in the total defense industry jobs calculated from the data for large prime contracts is shown in Table 4.2. This share was raised for each state (except three) in proportion to the relative difference in the share of all small business in prime contracts, multiplying the small business share of large prime contracts by its share in all prime contracts, i.e., by 20.5/15.9. In three states (Montana, North Dakota, and Wyoming) in which the small business share in large contracts was

¹⁴Kosiak, Steven, and Richard A. Bitzinger. 1993. Potential Impact of Defense Spending Reductions on the Defense Industrial Labor Force by State (May). Washington, D.C.: Defense Budget Project.

already 60 percent or more no further additions were made. The share of small business prime contracts so adjusted for small contracts is shown in the second column of Table 4.1. The estimate of jobs attributed by the small business share of all prime defense contracts, are shown in the third column of Table 4.1.

The total of the small business jobs attributed by prime contracts is 599.6 thousand or 20.5 of all defense industry jobs. The remaining 15.5 percent or 453.4 thousand small business defense jobs is calculated from the amount of subcontracts.

The jobs resulting from subcontracts are distributed among the states—in proportion to the indirect purchases resulting from purchases that were estimated by the Defense Department Office of Economic Analysis for 1992 using the RDEIMS models estimates shown in Column 4, and the resulting job estimates attributed by subcontracts to small business in Column 5. Table 4.1 also shows the total defense jobs in small and in big business and the small business share of defense industry jobs in each state.

The defense industry small business jobs, like all defense industry jobs, are heavily concentrated in a few states. Eleven states with 30,000 or more small business defense industry jobs account for 613.3 thousand of these jobs, or 58 percent of the small business total. Higher than average proportions of small business employment in total defense industry occur only in states with small population and comparatively small defense employment such as Delaware, Montana, North and South Dakota, and Wyoming, in some large industrial states including Illinois, Pennsylvania and Ohio and also in Virginia and Maryland. Most states with large scale defense industry including California, Connecticut, Massachusetts, Missouri, and Washington have less than average shares of defense industry

employment in small business.

Change in the Defense Industry Employment By State, 1992-1999

The total reduction in defense industry jobs is projected by the NPA Data Services at 1219 thousand from 2925 thousand in 1992 to 1706 thousand in 1999. This projection allows for a 1.5 percent annual productivity growth in the defense industry to 1997 and for a 2 percent growth rate thereafter to 1999.

The relative distribution of the total private sector defense jobs by state in 1992 was obtained as mentioned above from the Defense Budget Project study by Kosiak and Bitzinger. The relative distribution from the same study for 1998, the last year for which these estimates were made was applied by NPA Data Services to its national estimates for 1998 and later years including 1999. The Defense Budget Project estimates take into account different distributions of employment related to different defense appropriation titles and differences in the projected budget reductions for these titles. The final estimates for defense employment in industry and in government for 1992 and 1999 are shown in Table 4.3.

There is no available statistical basis for assuming changes in the small industry defense jobs other than in proportion to reductions in the total defense industry jobs in each state. Both the big and the small defense businesses are undergoing a series of consolidations and absorptions of some companies by others. While the ultimate regional location of future defense plants is subject to considerable uncertainty, at this time, proportional reductions are assumed for all size firms within states. Therefore, the percent reductions estimated for all defense industry jobs (shown in Table 4.3) are applied to calculate the reductions in the small business defense industry jobs by state, between 1992 and 1999, as shown in Table 4.4. The

database of defense jobs by category, including the small business employment, is provided annually for the years 1992-99 on the data disk in the SBANNUAL table.

Of the small business reductions, 58 percent are projected for the eleven states with over 30 thousand small business defense industry jobs. The projected reduction of 438.8 thousand jobs are heavily concentrated in areas where the defense industry jobs in small business are now concentrated.

The small business policy problem is likely to be identifiable at the level of particular metropolitan areas and nonmetropolitan counties within states including states which as a whole may not be heavily dependent on defense. The projected reduction of 438.8 thousand small business defense jobs is less than 1 percent of the estimated total of 65.7 million small business jobs in the United States. However, at the local level some of these percentages can be quite high. Because proprietors are not likely to be heavily engaged in subcontracting or in direct sale of goods and services to prime contractors, it is the wage and salary component of the small business workforce that will likely be impacted by defense cuts. Aid in transition is likely to be needed for the individuals affected and at the local community level.

The direct job losses to small businesses in the defense industry are only a part, and by all indications a considerably smaller part of all small business job losses that actually result from defense reductions. The larger impact of defense job reductions will occur through loss of business because of the job and income losses of the military and government defense civilians and of big and small defense business jobs. These are discussed in Chapter 5.

Small Business Defense Industry Jobs By Industry

Defense jobs by industry for all business were estimated in a study by Norman C. Saunders using the BLS input-output model. ¹⁵ These estimates, consolidated into the 32 industries defined in the present work are reproduced here in Table 4.5. However, there is no basis with the data available now to estimate more than a small part of the small business component in the defense jobs by industry and state, the part that can be imputed from the distribution of prime defense contracts awards of \$25,000 or more to small business. The difficulty is that small prime contracts and the subcontracts to small business appear to be distributed among the industries quite differently than are the large contracts to small business. All the methods of imputation broke down. Large prime contract employment could be distributed by industry but it represents only a small proportion of the small business total. The share of small business in large prime contracts by industry is given in Table 4.6. Appendix 3, and the data disk Tables EERPT contain information which could be used to calculate the small business jobs supported by the large DoD contract awards. ¹⁶

¹⁵Saunders, Norman C. 1993. "Employment Effects of the Rise and Fall in Defense Spending" (April). *Monthly Labor Review*. Office of Employment Projections, Bureau of Labor Statistics.

¹⁶In compiling this database, the negative amounts of contract awards (cancellations, adjustments, etc.) were treated as zero.

Table 4.1
Estimation of Small Business Jobs in the Defense Industry, 1992

State	Total Defense Industry Jobs	SB Share of Prime Contracts	SB Jobs from Prime Contracts	Indirect Purchases from Defense Purchases	SB Indirect Defense Jobs	SB Total Defense Jobs	Big Business Total Defense Jobs	SB as Percent of Defense Total
ALABAMA	42.3	0.438	18.5	2.016	6.5	25.0	17.3	59.2
ALASKA	7.0	0.451	3.2	0.276	0.9	4.0	2.9	57.9
ARIZONA	50.9	0.148	7.6	2.168	7.0	14.6	36.4	28.6
ARKANSAS	17.1	0.439	7.5	1.015	3.3	10.8	6.3	63.1
CALIFORNIA	543.7	0.135	73.4	20.610	66.5	139.9	403.8	25.7
COLORADO	51.5	0.133	6.8	2.695	8.7	15.5	36.0	30.0
CONNECTICUT	92.0	0.101	9.3	3.816	12.3	21.6	70.4	23.5
DELAWARE	6.7	0.426	2.8	0.510	1.6	4.5	2.2	67.2
D.C.	16.9	0.213	3.6	0.723	2.3	5.9	11.0	35.1
FLORIDA	112.5	0.207	23.3	4.868	15.7	39.0	73.5	34.6
GEORGIA	62.0	0.083	5.1	3.049	9.8	15.0	47.0	24.2
HAWAH	10.8	0.502	5.4	0.299	1.0	6.4	4.4	59.2
IDAHO	4.2	0.606	2.6	0.320	1.0	3.6	0.6	84.9
ILLINOIS	82.1	0.308	25.3	5.589	18.0	43.3	38.8	52.7
INDIANA	63.7	0.109	7.0	3.592	11.6	18.6	45.1	29.2
IOWA	19.1	0.106	2.0	1.110	3.6	5.6	13.5	29.4
KANSAS	24.3	0.165	4.0	1.397	4.5	8.5	15.7	35.1
KENTUCKY	21.1	0.568	12.0	1.389	4.5	16.5	4.6	78.1
LOUISIANA	38.5	0.370	14.2	2.209	7.1	21.3	17.1	55.5
MAINE	14.4	0.055	0.8	0.578	1.9	2.7	11.8	18.4
MARYLAND	82.4	0.281	23.1	3.201	10.3	33.5	48.9	40.6
MASSACHUSETTS	132.6	0.139	18.4	5.547	17.9	36.3	96.3	27.4
MICHIGAN	66.8	0.168	11.2	4.504	14.5	25.8	41.1	38.5
MINNESOTA	44.8	0.064	2.9	2.339	7.6	10.4	34.4	23.3
MISSISSIPPI	31.1	0.109	3.4	1.224	4.0	7.4	23.8	23.6
MISSOURI	80.8	0.100	8.1	3.244	10.5	18.5	62.3	22.9
MONTANA	3.5	0.852	3.0	0.000	0.0	3.0	0.5	85.2
NEBRASKA	9.0	0.528	4.8	0.602	1.9	6.7	2.3	74.4
NEVADA	5.7	0.360	2.1	0.341	1.1	3.2	2.6	55.2
NEW HAMPSHIRE	15.3	0.161	2.4	0.795	2.6	5.0	10.2	32.9
NEW JERSEY	88.2	0.249	22.0	4.712	15.2	37.2	51.0	42.2
NEW MEXICO	16.4	0.506	8.3	0.772	2.5	10.8	5.6	65.8
NEW YORK	173.8	0.143	24.9	9.179	29.6	54.6	119.2	31.4
NORTH CAROLINA	46.1	0.206	9.5	2.916	9.4	18.9	27.2	41.0
NORTH DAKOTA	3.4	0.723	2.5	0.000	0.0	2.5	0.9	72.3
OHIO	124.1	0.238	29.6	6.883	22.2	51.8	72.3	41.7
OKLAHOMA	26.8	0.427	11.4	1.554	5.0	16.5	10.3	61.4
OREGON	14.6	0.416	6.1	1.020	3.3	9.4	5.2	64.1
PENNSYLVANIA	115.8	0.229	26.5	6.356	20.5	47.0	68.8	40.6
RHODE ISLAND	12.1	0.224	2.7	0.617	2.0	4.7	7.4	38.9
SOUTH CAROLINA	25.4	0.434	11.0	1.580	5.1	16.1	9.3	63.5
SOUTH DAKOTA	3.1	0.641	2.0	0.205	0.7	2.6	0.4	85.6
TENNESSEE	32.4	0.258	8.4	2.180	7.0	15.4	17.0	47.5
TEXAS	190.2	0.142	27.1	10.179	32.9	59.9	130.3	31.5
UTAH	21.7	0.281	6.1	0.942	3.0	9.1	12.6	42.1
VERMONT	5.9	0.181	1.1	0.337	1.1	2.2	3.8	36.5
VIRGINIA	145.9	0.377	55.0	4.885	15.8	70.8	75.1	48.5
WASHINGTON WEST VIRGINIA	76.1	0.169	12.9	2.868	9.3	22.1	53.9	29.1
WEST VIRGINIA WISCONSIN	10.7	0.573	6.1	0.838	2.7	8.8	1.9	82.6
WYOMING	36.1	0.300	10.8	2.387	7.7	18.6	17.6	51.4
TOTAL	3.4	0.648	2.2 599.6	0.000 140.436	0.0	2.2	1.2	64.8 36.0
IOIAL	2925.0	0.205	J77.0	140.430	453.4	1053.0	1872.0	36.0

Sources: The Defense Budget Project; Eagle Eye Publishers, Inc.; U.S. Department of Defense; Npa Data Services, Inc.

Table 4.2
Distribution of the Department of Defense Prime Contract Awards of \$25,000 or More by State and Size of Business FY 1992

	Total 1992	Smell Business 1992	% Small Business
A14694	331,645	123,188	37.1 %
ALASKA ALABAMA	1.828.648	658.072	38.0 %
ARKANSAS	283.879	95,194	38.1 %
ARIZONA	1,917,583	233.242	12.2 %
CALIFORNIA	23,033,719	2.556.312	11.1 %
COLORADO	2,404.814	260,140	10.8 %
CONNECTICUT	3,038.003	252,342	8.3 %
DISTRICT OF COLUMBIA	1,422,354	249,342	17.5 %
DELAWARE	100,380	35,158	35.0 %
FLORIDA	4,537,184	769,981	17.0 %
GEORGIA	3,741,123	252,538	6.8 %
HAWAE	567,626	234,352	41.3 % 8.7 %
JIOWA	434,002	37.787	49.8 %
IDAHO	64,998	32.359	25.3 %
ILLINOIS	1,258,612	317.979	9.0 %
INDIANA	1,536.026	137,604	13.6 %
KANSAS	805.566	109,474 190,704	46.7 %
KENTUCKY	408,198 1,200,925	384.823	30.4 %
LOUISIANA	5.487.723	626,5581	11.4 %
MASSACHUSETTS	3.717.716	85 8.20 9	23.1 %
MARYLAND	1,305,270	58.534	4.5 %
(MAINE IMICHIGAN	1,634,520	225.2451	13.8 %
MINNESOTA	1,400,200	73,559	5.3 %
MISSOURI	3.628.715	296,109	8.2 %
MISSISSIPPI	2,560,894	229.727	9.0 %
MONTANA	55,475	47,291	85.2 %
NORTH CAROLINA	1,372,344	231,580	16.9 %
NORTH DAKOTA	142,105	102,795	723%
NEBRASKA	282,531	122.728	43.4 %
NEW I IAMPOI IRC	418.038	68,265	13.2 %
NEW JERSEY	3,173,834	651,284	20.5 %
NEW MEXICO	706.310	205.553	41.8 % 29.6 %
NEVADA	230.278	68,068	11.8 %
NEW YORK	5,181.382	611.229 575.153	19.6 %
OHIO	2, 930,522) 726,607	254,871	35.1 %
OKLAHOMA	204.2321	69.799	34.2 %
OREGON	2. 563.725	481,285	18.8 %
PENNSYLVANIA	446.751	82,029	18.4 %
RHODE ISLAND	737,132	283,516	35.7 %
SOUTH CAROLINA SOUTH DAKOTA	78,640	41,432	52.7 %
TENNESSEE	979.021	207,769	21.2 %
TEXAS	8,506,418	992.307	11.7 %
JTAH	602,967	139,321	23.1 %
/IRGINIA	6,193,193	1,917,102	31.0 %
/ERMONT	62,928	9.350	14.9 %
MASHINGTON	2,191.854	303,695	13.9 %
MISCONSIN	858.968	212,548	24.7 %
WEST VIRGINIA	86,747	40.878	47.1 %]
VYOMENG	81,054	39,557 17,094,905	64.8 % 15.9 %
NITED STATES	107.423.4 65	1 / (BAA MUE) I	13.6 77

Source: Eagle Eye Publishers (c) 1992; NPA Data Services, Inc.

Table 4.3
Defense-Related Employment by State (thousands of jobs)

	_Priv	vate Sector	Defense Jobs		e Duty Mi mment De	litary and fense Civilians		Defense J uding reser	
State	1992	1999	Percent Change 1992-99	1992	1999	Percent Change 1992-99	1992	1999	Percent Change 1992-99
ALABAMA	42.3	26.3	-37.7	49.0	40.1	-18.2	91.3	66.4	-27.2
ALASKA	42.3 7.0		-34.0	33.7	31.7	-18.2 -6.0	40.7	36.3	-27.2 -10.8
ARIZONA		4.6	-34.0 -44.7	33.7 38.5	31.7 32.7	-6.0 -15.1	89.5	60.9	-10.8 -32.0
ARKANSAS	51.0	28.2	-44.7 -42.5	13.1	9.8	-13.1 -25.4	30.2	19.6	-32.0 -35.0
	17.1	9.8			233.2		896.3	562.3	
CALIFORNIA	543.7	329.1	-39.5	352.6		-33.9			-37.3
COLORADO	51.5	33.1	-35.8	63.3	48.6	-23.1	114.7	81.7	-28.8
CONNECTICUT	92.0	48.9	-46.9	13.3	13.1	-1.3	105.3	62.0	-41.1
DELAWARE	6.7	4.1	-38.4	7.5	6.3	-16.6	14.2	10.4	-26.8
D.C.	16.9	10.7	-36.6	35.2	29.8	-15.4	52.2	40.5	-22.3
FLORIDA	112.5	64.9	-42.3	130.1	90.5	-30.4	242.6	155.5	-35.9
GEORGIA	62.0	36.2	-41.7	116.7	101.2	-13.2	178.6	137.4	-23.1
HAWAII	10.8	7.0	-34.8	76.5	63.9	-16.4	87.3	71.0	-18.7
IDAHO	4.2	2.8	-34.7	7.7	5.0	-34.9	12.0	7.8	-34.8
ILLINOIS	82.1	47.5	-42.2	58.2	51.6	-11.4	140.3	99.0	-29.4
INDIANA	63.7	35.0	-45.1	22.6	8.1	-64.3	86.3	43.0	-50.1
IOWA	19.1	11.0	-42.4	2.1	2.0	-3.9	21.2	13.0	-38.6
KANSAS	24.3	14.3	-41.2	34.6	28.6	-17.4	58.9	42.9	-27.2
KENTUCKY	21.1	12.5	-40.7	59.6	48.2	-19.2	80.7	60.7	-24.8
LOUISIANA	38.4	21.8	-43.3	37.3	26.5	-29.0	75.7	48.3	-36.2
MAINE	14.4	8.1	-44.1	14.5	9.9	-31.3	28.9	18.0	-37.7
MARYLAND	82.4	48.4	-41.3	84.2	76.4	-9.3	166.6	124.8	-25.1
MASSACHUSETTS	132.6	76.4	-42.4	19.0	15.2	-19.6	151.6	91.7	-39.5
MICHIGAN	66.8	38.3	-42.6	19.6	16.1	-18.1	86.4	54.4	-37.1
MINNESOTA	44.8	25.4	-43.3	4.1	3.8	-5.8	48.9	29.3	-40.1
MISSISSIPPI	31.1	17.8	-42.9	27.1	23.2	-14.5	58.3	41.0	-29.7
MISSOURI	80.8	43.4	-46.3	38.3	32.8	-14.3	119.1	76.2	-36.0
MONTANA	3.5	2.2	-37.6	7.0	5.6	-20.8	10.5	7.8	-26.4
NEBRASKA	9.0	5.5	-38.5	17.5	15.9	-8.9	26.5	21.5	-19.0
NEVADA	5.7	3.6	-36.9	12.2	10.0	-18.0	17.9	13.6	-24.0
NEW HAMPSHIRE	15.3	8.4	-45.0	1.9	1.8	-5.0	17.1	10.2	-40.6
NEW JERSEY	88.2	51.1	-42.1	37.2	30.6	-17.8	125.4	81.7	-34.9
NEW MEXICO	16.4	10.2	-37.7	29.3	26.6	-9.0	45.7	36.9	-19.3
NEW YORK	173.8	97.1	-44.1	48.8	31.5	-35.6	222.7	128.6	-42.2
NORTH CAROLINA		28.8	- 44 .1 -37.5		114.9	-33.6 -18.6	187.2	143.7	-23.3
NORTH DAKOTA	3.4	2.1	-37.3 -38.1	141.1 14.5	114.9	-18.9	17.9	13.7	-23.5
								105.6	
OHIO	124.1	70.3	-43.4 27.4	48.9	35.3	-27.7 12.5	173.0		-39.0
OKLAHOMA	26.8	16.8	-37.4	58.8	50.8	-13.5	85.6	67.6	-21.0
OREGON	14.6	8.3	-43.2	4.3	4.0	-6.9	18.9	12.3	-35.0
PENNSYLVANIA	115.8	66.6	-42.5	55.3	32.4	-41.4	171.1	99.0	-42.1
RHODE ISLAND	12.1	6.9	-43.0	9.1	7.4	-18.5	21.2	14.3	-32.5
SOUTH CAROLINA		15.9	-37.3	68.7	45.3	-34.1	94.2	61.2	-35.0
SOUTH DAKOTA	3.1	2.0	-34.4	9.3	7.6	-18.4	12.4	9.6	-22.4
TENNESSEE	32.4	18.9	-41.8	18.5	7.7	-58.4	50.9	26.6	-47.8
TEXAS	190.2	109.3	-42.5	200.2	165.8	-17.2	390.5	275.1	-29.5
UTAH	21.7	12.9	-40.5	27.2	24.1	-11.4	48.9	37.0	-24.3
VERMONT	5.9	3.3	-44.9	0.8	0.8	-3.5	6.8	4.1	-39.8
VIRGINIA	145.9	85.7	-41.2	226.8	192.7	-15.0	372.6	278.4	-25.3
WASHINGTON	76.1	47.4	-37.7	75.6	72.6	-3.9	151.6	120.0	-20.8
WEST VIRGINIA	10.7	6.3	-41.2	2.4	2.3	-4.6	13.1	8.6	-34.5
WISCONSIN	36.1	18.7	-48.2	4.6	4.4	-4.6	40.7	23.1	-43.3
WYOMING	3.4	2.2	-35.6	5.7	4.7	-17.3	9.1	6.9	-24.1
UNITED STATES 2			-41.7	2484.0	1954.8	-21.3		3660.9	-32.3

Sources: Defense Budget Project; U.S. Department of Defense; NPA Data Services, Inc.

Table 4.4
Reductions in Small Business Defense Jobs in Private Industry by State, 1992-1999

State Jobs, 1992 (thousands) (thousands) (percent) ALABAMA 25.0 -9.4 -37.7 15.6 ALASKA 4.0 -1.4 -34.0 2.7 ARIZONA 14.6 -6.5 -44.7 8.1 ARKANSAS 10.8 -4.6 -42.5 6.2 CALIFORNIA 139.9 -55.2 -39.5 84.7 COLORADO 15.5 -5.5 -35.8 9.9 CONNECTICUT 21.6 -10.1 -46.9 11.5 DELAWARE 4.5 -1.7 -38.4 2.8 DISTRICT OF COLUMBIA 5.9 -2.2 -36.6 3.8 FLORIDA 39.0 -16.5 -42.3 22.5 GEORGIA 15.0 -6.2 -41.7 8.7 HAWAII 6.4 -2.2 -34.8 4.2 IDAHO 3.6 -1.2 -34.7 2.3 ILLINOIS 43.3 -18.3 -42.2 25.0 INDIANA		SB Defense Change in SB Defense Jobs, 1992-19 Industry		Defense Jobs, 1992-1999	SB Defense
ALASKA 4.0 -1.4 -34.0 2.7 ARIZONA 14.6 -6.5 -44.7 8.1 ARKANSAS 10.8 -4.6 -42.5 6.2 CALIFORNIA 139.9 -55.2 -39.5 84.7 COLORADO 15.5 -5.5 -35.8 9.9 CONNECTICUT 21.6 -10.1 -46.9 11.5 DELAWARE 4.5 -1.7 -38.4 2.8 DISTRICT OF COLUMBIA 5.9 -2.2 -36.6 3.8 FLORIDA 39.0 -16.5 -42.3 22.5 GEORGIA 15.0 -6.2 -41.7 8.7 HAWAII 6.4 -2.2 -34.8 4.2 IDAHO 3.6 -1.2 -34.7 2.3 ILLINOIS 43.3 -18.3 -42.2 25.0 INDIANA 18.6 -8.4 -45.1 10.2 IOWA 5.6 -2.4 -42.4 3.2 KANSAS 8.5 -3.5 -41.2 5.0	State	Jobs, 1992	(thousands)	(percent)	
ALASKA 4.0 -1.4 -34.0 2.7 ARIZONA 14.6 -6.5 -44.7 8.1 ARKANSAS 10.8 -4.6 -42.5 6.2 CALIFORNIA 139.9 -55.2 -39.5 84.7 COLORADO 15.5 -5.5 -35.8 9.9 CONNECTICUT 21.6 -10.1 -46.9 11.5 DELAWARE 4.5 -1.7 -38.4 2.8 DISTRICT OF COLUMBIA 5.9 -2.2 -36.6 3.8 FLORIDA 39.0 -16.5 -42.3 22.5 GEORGIA 15.0 -6.2 -41.7 8.7 HAWAII 6.4 -2.2 -34.8 4.2 IDAHO 3.6 -1.2 -34.7 2.3 ILLINOIS 43.3 -18.3 -42.2 25.0 INDIANA 18.6 -8.4 -45.1 10.2 IOWA 5.6 -2.4 -42.4 3.2 KANSAS 8.5 -3.5 -41.2 5.0	ALARAMA	25.0	-9.4	-37 7	15.6
ARIZONA 14.6 -6.5 -44.7 8.1 ARKANSAS 10.8 -4.6 -42.5 6.2 CALIFORNIA 139.9 -55.2 -39.5 84.7 COLORADO 15.5 -5.5 -35.8 9.9 CONNECTICUT 21.6 -10.1 -46.9 11.5 DELAWARE 4.5 -1.7 -38.4 2.8 DISTRICT OF COLUMBIA 5.9 -2.2 -36.6 3.8 FLORIDA 39.0 -16.5 -42.3 22.5 GEORGIA 15.0 -6.2 -41.7 8.7 HAWAII 6.4 -2.2 -34.8 4.2 IDAHO 3.6 -1.2 -34.7 2.3 ILLINOIS 43.3 -18.3 -42.2 25.0 INDIANA 18.6 -8.4 -45.1 10.2 IOWA 5.6 -2.4 -42.4 3.2 KANSAS 8.5 -3.5 -41.2 5.0					
ARKANSAS 10.8 -4.6 -42.5 6.2 CALIFORNIA 139.9 -55.2 -39.5 84.7 COLORADO 15.5 -5.5 -35.8 9.9 CONNECTICUT 21.6 -10.1 -46.9 11.5 DELAWARE 4.5 -1.7 -38.4 2.8 DISTRICT OF COLUMBIA 5.9 -2.2 -36.6 3.8 FLORIDA 39.0 -16.5 -42.3 22.5 GEORGIA 15.0 -6.2 -41.7 8.7 HAWAII 6.4 -2.2 -34.8 4.2 IDAHO 3.6 -1.2 -34.7 2.3 ILLINOIS 43.3 -18.3 -42.2 25.0 INDIANA 18.6 -8.4 -45.1 10.2 IOWA 5.6 -2.4 -42.4 3.2 KANSAS 8.5 -3.5 -41.2 5.0					
CALIFORNIA 139.9 -55.2 -39.5 84.7 COLORADO 15.5 -5.5 -35.8 9.9 CONNECTICUT 21.6 -10.1 -46.9 11.5 DELAWARE 4.5 -1.7 -38.4 2.8 DISTRICT OF COLUMBIA 5.9 -2.2 -36.6 3.8 FLORIDA 39.0 -16.5 -42.3 22.5 GEORGIA 15.0 -6.2 -41.7 8.7 HAWAII 6.4 -2.2 -34.8 4.2 IDAHO 3.6 -1.2 -34.7 2.3 ILLINOIS 43.3 -18.3 -42.2 25.0 INDIANA 18.6 -8.4 -45.1 10.2 IOWA 5.6 -2.4 -42.4 3.2 KANSAS 8.5 -3.5 -41.2 5.0					
COLORADO 15.5 -5.5 -35.8 9.9 CONNECTICUT 21.6 -10.1 -46.9 11.5 DELAWARE 4.5 -1.7 -38.4 2.8 DISTRICT OF COLUMBIA 5.9 -2.2 -36.6 3.8 FLORIDA 39.0 -16.5 -42.3 22.5 GEORGIA 15.0 -6.2 -41.7 8.7 HAWAII 6.4 -2.2 -34.8 4.2 IDAHO 3.6 -1.2 -34.7 2.3 ILLINOIS 43.3 -18.3 -42.2 25.0 INDIANA 18.6 -8.4 -45.1 10.2 IOWA 5.6 -2.4 -42.4 3.2 KANSAS 8.5 -3.5 -41.2 5.0					
CONNECTICUT 21.6 -10.1 -46.9 11.5 DELAWARE 4.5 -1.7 -38.4 2.8 DISTRICT OF COLUMBIA 5.9 -2.2 -36.6 3.8 FLORIDA 39.0 -16.5 -42.3 22.5 GEORGIA 15.0 -6.2 -41.7 8.7 HAWAII 6.4 -2.2 -34.8 4.2 IDAHO 3.6 -1.2 -34.7 2.3 ILLINOIS 43.3 -18.3 -42.2 25.0 INDIANA 18.6 -8.4 -45.1 10.2 IOWA 5.6 -2.4 -42.4 3.2 KANSAS 8.5 -3.5 -41.2 5.0					
DELAWARE 4.5 -1.7 -38.4 2.8 DISTRICT OF COLUMBIA 5.9 -2.2 -36.6 3.8 FLORIDA 39.0 -16.5 -42.3 22.5 GEORGIA 15.0 -6.2 -41.7 8.7 HAWAII 6.4 -2.2 -34.8 4.2 IDAHO 3.6 -1.2 -34.7 2.3 ILLINOIS 43.3 -18.3 -42.2 25.0 INDIANA 18.6 -8.4 -45.1 10.2 IOWA 5.6 -2.4 -42.4 3.2 KANSAS 8.5 -3.5 -41.2 5.0					
DISTRICT OF COLUMBIA 5.9 -2.2 -36.6 3.8 FLORIDA 39.0 -16.5 -42.3 22.5 GEORGIA 15.0 -6.2 -41.7 8.7 HAWAII 6.4 -2.2 -34.8 4.2 IDAHO 3.6 -1.2 -34.7 2.3 ILLINOIS 43.3 -18.3 -42.2 25.0 INDIANA 18.6 -8.4 -45.1 10.2 IOWA 5.6 -2.4 -42.4 3.2 KANSAS 8.5 -3.5 -41.2 5.0					
FLORIDA 39.0 -16.5 -42.3 22.5 GEORGIA 15.0 -6.2 -41.7 8.7 HAWAII 6.4 -2.2 -34.8 4.2 IDAHO 3.6 -1.2 -34.7 2.3 ILLINOIS 43.3 -18.3 -42.2 25.0 INDIANA 18.6 -8.4 -45.1 10.2 IOWA 5.6 -2.4 -42.4 3.2 KANSAS 8.5 -3.5 -41.2 5.0					
GEORGIA 15.0 -6.2 -41.7 8.7 HAWAII 6.4 -2.2 -34.8 4.2 IDAHO 3.6 -1.2 -34.7 2.3 ILLINOIS 43.3 -18.3 -42.2 25.0 INDIANA 18.6 -8.4 -45.1 10.2 IOWA 5.6 -2.4 -42.4 3.2 KANSAS 8.5 -3.5 -41.2 5.0					
HAWAII 6.4 -2.2 -34.8 4.2 IDAHO 3.6 -1.2 -34.7 2.3 ILLINOIS 43.3 -18.3 -42.2 25.0 INDIANA 18.6 -8.4 -45.1 10.2 IOWA 5.6 -2.4 -42.4 3.2 KANSAS 8.5 -3.5 -41.2 5.0					
IDAHO 3.6 -1.2 -34.7 2.3 ILLINOIS 43.3 -18.3 -42.2 25.0 INDIANA 18.6 -8.4 -45.1 10.2 IOWA 5.6 -2.4 -42.4 3.2 KANSAS 8.5 -3.5 -41.2 5.0					
ILLINOIS 43.3 -18.3 -42.2 25.0 INDIANA 18.6 -8.4 -45.1 10.2 IOWA 5.6 -2.4 -42.4 3.2 KANSAS 8.5 -3.5 -41.2 5.0					
INDIANA 18.6 -8.4 -45.1 10.2 IOWA 5.6 -2.4 -42.4 3.2 KANSAS 8.5 -3.5 -41.2 5.0					
IOWA 5.6 -2.4 -42.4 3.2 KANSAS 8.5 -3.5 -41.2 5.0					
KANSAS 8.5 -3.5 -41.2 5.0					
NENTOCKI 10.0 -0.7 -40.7 9 A	KENTUCKY	16.5	-6.7	-40.7	9.8
LOUISIANA 21.3 -9.2 -43.3 12.1					
MAINE 2.7 -1.2 -44.1 1.5					
MARYLAND 33.5 -13.8 -41.3 19.7					
MASSACHUSETTS 36.3 -15.4 -42.4 20.9					
MICHIGAN 25.8 -11.0 -42.6 14.8					
MINNESOTA 10.4 -4.5 -43.3 5.9					
MISSISSIPPI 7.4 -3.2 -42.9 4.2					
MISSOURI 18.5 -8.6 -46.3 9.9					
MONTANA 3.0 -1.1 -37.6 1.9					
NEBRASKA 6.7 -2.6 -38.5 4.1					
NEVADA 3.2 -1.2 -36.9 2.0					
NEW HAMPSHIRE 5.0 -2.3 -45.0 2.8					
NEW JERSEY 37.2 -15.7 -42.1 21.5					
NEW MEXICO 10.8 -4.1 -37.7 6.7					
NEW YORK 54.6 -24.1 -44.1 30.5					
NORTH CAROLINA 18.9 -7.1 -37.5 11.8					
NORTH DAKOTA 2.5 -0.9 -38.1 1.5					
OHIO 51.8 -22.5 -43.4 29.3					
OKLAHOMA 16.5 -6.2 -37.4 10.3	OKLAHOMA				
OREGON 9.4 -4.0 -43.2 5.3	OREGON			-43.2	
PENNSYLVANIA 47.0 -20.0 -42.5 27.0					
RHODE ISLAND 4.7 -2.0 -43.0 2.7					
SOUTH CAROLINA 16.1 -6.0 -37.3 10.1					
SOUTH DAKOTA 2.6 -0.9 -34.4 1.7		2.6			
TENNESSEE 15.4 -6.4 -41.8 9.0	TENNESSEE				
TEXAS 59.9 -25.5 -42.5 34.4	TEXAS	59.9			
UTAH 9.1 -3.7 -40.5 5.4	UTAH	9.1	-3.7	-40.5	
VERMONT 2.2 -1.0 -44.9 1.2	VERMONT				
VIRGINIA 70.8 -29.2 -41.2 41.6					
WASHINGTON 22.1 -8.3 -37.7 13.8	WASHINGTON				
WEST VIRGINIA 8.8 -3.6 -41.2 5.2	WEST VIRGINIA	8.8			
WISCONSIN 18.6 -8.9 -48.2 9.6					
WYOMING 2.2 -0.8 -35.6 1.4					
TOTAL 1053.0 -438.8 -41.7 614.2	TOTAL	1053.0	-438.8	-41.7	

Source: NPA Data Services, Inc.

Table 4.5
Defense Dependent Employment by Industry, 1992
(thousands)

Industry Group

	Industry Group	
Agricultural S	Services, Forestry, & Fishery	
1.		8.7
Mining		
2.	. Mining	21.3
Construction	•	
3.	Construction	138.6
Manufacturing	g	
4.		*
5.	Textile Mill Products	9.0
6.	Apparel & Other Textile Products	17.9
7.		13.2
8.	Furniture & Fixtures	
9.	Paper & Allied Products	15.5
10.	•	27.1
11.	<u> </u>	24.8
12.	Petroleum & Coal Products	5.1
13.	Rubber & Misc. Plastic Products	36.7
14.		17.5
15.	· · · · · · · · · · · · · · · · · · ·	61.4
16.	•	126.7
	(Except Machinery & Trans. Equip.)	
17.	• • •	123.0
	(Except Electrical)	
18.	` • · · ·	221.7
•••	(Except Computer Equipment)	
19.		504.5
20.		120.0
21.		5.2
	n, Communications, Etc.	2.2
22.		159.9
23.		28.5
24.		28.4
Wholesale and		20.4
25.		325.7
	(Except Eating & Drinking Places)	323.7
26.		102.5
	rance, and Real Estate	102.3
27.		48.0
28.		25.0
Services	Real Estate & Relitais	23.0
29.	Personal Services	5.8
30.		415.0
		18.0
31.	•	
32.		492.1
	(excludes84,86,88,89)	2146.0
	Total	3146.9

^{*} Estimated at less than minimum reported.

Source: Norman C. Saunders, "Employment Effects of the Rise and Fall in Defense Spending" in *Monthly Labor Review*, April 1993, Office of Employment Projections, Bureau of Labor Statistics; NPA Data Services, Inc.

Table 4.6
Distribution of Department of Defense Prime Contract Awards of \$25,000 or More by Industry, FY 1992

	Small Business	Total	% Small Business
Agri. Serv., Forest., Fish., & Other	58.172	66,692	87.2 %
Mining	45,188	56,776	7 9.6 %
Construction	3.848.299	7,313.168	52.6 %
Food & Kindred Products	395,119	866,163	44.5 %
Textile Mill Products	23,818	61,159	38.9 %
Apparel & Other Textile Products	222,159	427,188	52.0 %
Lumber & Wood Products (exc. Furniture)	30,856		82.1 %
Furniture & Fadures	82,889		26.9 %
Paper & Allied Products	7,401	57,243	12.9 %
Printing & Publishing	21,277	167,899	12.7 %
Chemicals & Allied Products	89,721	678,976	13.2 %
Petroieum & Coal Products	549,269	2 ,340 ,1 89	23.5 %
Rubber & Misc. Plastic Products	130,786	289,344	45.2 %
Stone, Clay, Glass & Concrete Products	26.958	31,138	88.6 %
Primary Metal Industries	44,359	237,604	18.7 %↓
Fabricated Metal Products (exc. mach.)	759.123	5, 120,709	14.8 %
Machinery, Computer Egpmnt (exc. elect.)	859.049	3. 510.217	24.5 %
Electric & Electronic Equipment	967.391	6.383.076	15.2 %
Trans, Egomnt, Incl. Motor Vehicles	1.835.269	43.298.362	4.2 % ▮
nstruments & Related Products	473,604	4.640.639	10.2 %
Visc. Manufacturing Industries	36.744	90.653	40.5 %
Fransportation & Warehousing	365.744	1.359.682	26.9 %
Communication	154,676	1. 738.861	8.9 %
lectric, Gas & Sanitary Service	145.423	1,065,150	13.7 %
Vholesale & Retail Trade (exc. eating)	433,399	1.129.853	38.4 %
eting & Drinking Places	254,757	273.312	93.2 %
înance & Insurance	229	31 6.625	0.1 %
leal Estate & Rentals	12,590	31,772	39.6 %
ersonal Services	39.280	51. 320	76.5 %
usiness Services	1,547,688	4.041,784	38.3 %
utomotive Repairs & Services	22,122	52.666	42.0 %
iscellaneous Services	3. 621.546	21.379.734	16.9 %
I Industries	17.094.905	107.423.465	15.9 % [

Source: Eagle Eye Publishers, Inc., SF-179 Reports (c) 1992; NPA Data Services, Inc.

CHAPTER 5: JOB LOSSES FROM DEFENSE CUTS THROUGH INCOME MULTIPLIERS

Nature of Job Losses Through Income Multiplier

Apparently, the larger part of job losses to small business has been occurring indirectly through the loss of purchasing power of defense workers whose jobs in government and industry have been eliminated rather than through the direct job losses of small business in the defense industry. Small business defense jobs amount to 19 percent of all U.S. defense jobs including the military and civilian government jobs.

One reason that small business is likely to be much more heavily impacted by indirect job losses is that small business constitutes a comparatively smaller proportion—about 36 percent of all jobs in the defense industry, while it constitutes a large proportion of business in general—about 60 percent nationally and not far from 60 percent in most states.

The other is that the number of indirect job losses appear to be greater than that of the direct job losses, especially in the later stages of defense cuts. The losses of business income and jobs resulting from reductions in government and defense industry jobs, therefore, impact much more on small business including business of proprietors.

Estimating the indirect job losses and their share of small business is very difficult. However, some approaches can be taken to provide a means for judging the orders of magnitude involved.

Jobs lost through the income multiplier have a time dimension. When defense jobs

are eliminated and at least some workers become unemployed their spending power is much reduced. The resulting reduction of expenditures flows through the economy in successive rounds of business and consumer expenditure reductions. If none of the job losses are compensated for by new job creation, the multiplier can amount nationally to a total of four and one-half times the original job reduction. However, in practice, following the past reductions of defense spending after the Korean and the Vietnam Wars, the ensuing recessions were relatively short and new job creation—especially from increased spending for consumer durables and business investment—replaced the defense job losses within a few years. In this work, the main reliance is placed on empirical estimates derived from the past and current actual experience. This narrows the range of possible outcomes from between the best-case and the worst-case assumption about the relevant size of the multiplier to what are the more likely outcomes.

Because the indirect job losses are diffused through the economy, they cannot readily be traced. But they are largest in the areas of the immediate impacts of cuts in defense jobs on particular defense dependent states and on specific defense dependent communities within the states. There the size of the job losses can be observed and analyzed from past experience and anticipated from the expected future reductions.

An Estimate of Excess Unemployment from Defense Cuts¹⁷

A benchmark indication of the total size of job losses from defense cuts outstanding

¹⁷The original discussion of the concept and measurement of the excess unemployment from defense cuts appeared in "Cuts in Defense" and in Nestor E. Terleckyj's article "Unemployment Recovery Lags in Defense-Dependent States" in the December 1993, Vol. XV, No. 3 issue of Looking Ahead.

at any given time, can be calculated from differences of unemployment rates between groups of states with different degrees of economic dependence on defense. An approximate size of the excess unemployment due to defense reductions, can be gauged by comparing the unemployment rates prevailing in the group of states which are least dependent on defense with the unemployment rate in the states with average defense dependence and the states with higher than average defense dependence.

The defense dependence of a state is measured here by the proportion of defense-related purchases to total purchases made in each state in 1991, the midpoint of the period since the defense reductions were accelerated. These purchases include not only the direct military and civilian pay that is disbursed in each state by the Defense Department, but also the total purchases of goods and services by the Department of Defense from private industry, including the successive rounds of purchases from subcontractors and vendors.¹⁸

The 12 states with a high proportion of defense purchases, ranging from 10.3 percent to 6.3 percent of all purchases in 1991, listed in descending order of defense dependence, are Virginia, Alaska, Hawaii, Connecticut, Washington, California, Maryland, Maine, Mississippi, Massachusetts, New Mexico, and Arizona.

The group of 21 states with near average dependence on defense ranging from 6.1 percent to 4.2 percent are Missouri, Utah, District of Columbia, Colorado, Alabama, Rhode Island, New Hampshire, Florida, Oklahoma, South Carolina, Texas, Georgia, Kansas, Indiana, Ohio, Louisiana, Vermont, New Jersey, Pennsylvania, North Dakota, and

¹⁸These estimates based on the tabulations of the 1991 defense share of total purchases made in each state are provided in the work of Schmidt and Kosiak.

New York.

The 18 states with low proportions of defense purchases, ranging from 4.2 percent to 3.3 percent are Minnesota, Arkansas, North Carolina, Nebraska, Kentucky, Nevada, Montana, Delaware, Tennessee, Wyoming, Illinois, South Dakota, Wisconsin, West Virginia, Iowa, Michigan, Idaho, and Oregon.

The average unemployment rate computed from the seasonally adjusted data for the three groups of states—monthly from mid-1989 through March 1994—is shown in Chart 5.1. It is clear that the three groups of states followed different paths. In the least defensedependent group of states, the recession as measured by the unemployment rate has been over since the rate returned to its pre-recession level of 5.5 percent in the last months of 1993. In the medium defense dependent states, the unemployment remains at about 1 percentage point above the unemployment rate of the least dependent states and above its own pre-recession level. In the highly defense dependent states the unemployment rate, is about 1.5 percent above the rate in the least dependent states, and 2 percentage points above what it was before the recession. Because the states were grouped only on the basis of the defense dependence of their economies, these differences in unemployment can be interpreted as reflecting mostly the effects of defense cuts. Other factors undoubtedly contributed to movements in unemployment in individual states at different times but these factors apparently averaged out within the larger groups of states defined here and over time. There is no reason to think that these other factors were systematically correlated with defensedependence of the states over the long run.

This estimated excess unemployment associated with defense cuts is not a complete

indicator because it does not include any job losses in the states with low dependence on defense or job losses of persons who migrated to the states with low defense dependence.

On the other hand, because it is intended to measure the current stock of unemployment associated with defense reductions, it should not include persons already reemployed either in their original place of residence or through migration in economies that returned to pre-recession levels of unemployment.

A benchmark total of excess unemployment may be calculated by multiplying the differences in the two groups of states—medium and highly defense dependent states—and the rate in the states with the low defense dependence, by the labor force totals in the two more defense dependent groups of states. The numbers of the unemployed so calculated are shown in Chart 5.2. The total excess unemployment so attributed to defense cuts in the medium and in the highly defense dependent group of states has been of about the same order of magnitude, even though the difference in the unemployment rate was greater in the highly defense dependent states. The reason is that the size of the labor force in the medium dependent group of states was much larger (60.3 million in mid-1991) than in the highly defense dependent states (33.0 million).

The monthly history of total excess unemployment in the two groups of states combined is plotted in Chart 3. The chart shows that the excess unemployment so defined rose from a negative 200,000 in the second half of 1989, when the highly defense dependent states still enjoyed the advantageous aftereffects of the defense buildup of the 1980s, to 200,000 in mid-1991. It rose rapidly to nearly 0.5 million in early 1992 and to well over 1.0 million late in 1992. This total declined in early 1993, but climbed again later in that

year and in early 1994 as the unemployment rate in the less dependent states declined while it remained sticky in the other two groups of states.

While the calculated excess unemployment is only an approximate and incomplete benchmark, it appears to be a meaningful indicator of the current stock of jobs lost due to defense cuts. It provides a rough "bottom line" reading of the current size of the defense adjustment problem nationwide and a start for its further detailing geographically and by size of business. While more detailed estimates of the excess unemployment could be made by state, the estimates for single states would be very volatile and subject to distortions by other factors and would require much more detailed case analyses than are possible here.

The estimates of excess unemployment do not distinguish between unemployment from job losses from primary defense employers, i.e., the federal government and the defense industry, and the job losses generated by income multiplier effects from the loss of support of the expenditures of the defense industry and government workers whose jobs were cut and of those who became unemployed in earlier rounds of the indirect multiplier effects. Some estimates to make these distinctions which would help in assessing the small business share of the excess unemployment are attempted next.

Significance for Small Business

Because of the comparatively larger share of small business in the general economy than in the defense industry (60 vs. 36 percent of the defense industry jobs and 19 percent of all defense jobs), it is important to know what proportion of the excess unemployment represents the primary job losses and how much of it results from secondary effects. From analyzing the time sequences in specific cases it can be inferred that the secondary job losses

are likely to come later and probably to endure after the primary reductions in defense jobs are completed and compensated for.

It is possible to estimate the size of the primary excess unemployment from the results of surveys of displaced workers conducted by the U.S. Department of Labor. These surveys of workers, 20 years and older, who were displaced, i.e., "lost their job due to plant closings, company failures, or other curtailments in employment during three five-year periods," were conducted in January 1984 for workers displaced during the 1979-83 period, in January 1990 for workers displaced in 1985-89 and in January 1992 for workers displaced in 1987-91. The following was the employment status in January 1992 of the workers displaced during the five years 1987-91.

	
Employed	64.9%
Unemployed	22.2
Not in the labor force	12.9

These results were similar to those obtained in earlier surveys. In January 1984, 60.1 percent of workers discharged during the preceding five year period 1979-83 were employed, 25.5 percent unemployed, and 14.4 percent left the labor force. In January 1990, 72.3 percent of the workers that were displaced in the five year period 1985-89 were employed, 14.0 percent unemployed, and 13.6 percent not in the labor force. Both the most recent period and the period 1979-83 were affected by recessions and had somewhat lower reemployment percentage than the middle survey for January 1990. The latest survey of

¹⁹U.S. Department of Labor is *Displaced Workers*, 1989-1991, Bulletin 2427, July 1993. Washington D.C.: Bureau of Labor Statistics.

January 1992 of workers displaced in 1987-91 is probably most relevant to the experience of workers discharged from primary defense jobs over a preceding five year period.

Consequently, the estimated primary unemployment of the displaced defense workers in industry and government is calculated here for each year as 22.2 percent of net reductions in total defense jobs over the preceding five years, defined as the difference in total defense employment in the current year less defense employment five years earlier, as given by the data for total defense dependent jobs in Table 1.3. The five year changes in total defense jobs and the primary excess unemployment, i.e., the estimated number of the previously discharged defense workers remaining unemployed during the year are also plotted in Chart 5.3.

Because the monthly estimates of excess unemployment are volatile, annual averages of excess unemployment were calculated. These are listed in the first column of Table 5.1. The five year net change in total defense jobs and the excess unemployment from losses of direct defense jobs in government and industry derived from them are shown in the second and the third columns, respectively. The indirect excess unemployment representing job losses from the reduction of purchasing power of the displaced job workers and the subsequent previous rounds of multiplier effects shown in the fourth column is calculated by subtracting the current direct excess unemployment from the total excess unemployment.

The data for excess unemployment and indirect unemployment for 1994 above are for the first quarter of 1994. Indirect as percent of total excess unemployment was calculated for the years when both were positive. This proportion increased from 25 percent in the first year, 1991, to 75 percent in the second and then stabilized at that level.

The last step in this analysis is the estimation of excess unemployment and its two components of direct and indirect excess unemployment resulting from job losses in small business. Estimation of primary unemployment for small business requires a calculation of primary unemployment from losses of defense jobs in the private sector. This calculation is based on a five year change in defense industry employment as given in Table 1.3. The total primary unemployment for defense industry is calculated as .222 of the five year change in private sector defense jobs multiplied by (-1) as follows:

5 Year Change in Private Sector Defense Jobs	Primary Excess Unemployment from Private Sector Defense Jobs Losses
560	-124
170	-38
-240	53
-740	164
-812	180
-866	192
	in Private Sector Defense Jobs 560 170 -240 -740 -812

The direct small business unemployment is then calculated as 36 percent of the total primary unemployment in the private sector shown above. Indirect unemployment in small business is then calculated at 60 percent of the total indirect excess unemployment shown in Table 5.1.

The estimates of the small business excess unemployment and its components are listed in Table 5.2. In early 1994, the excess unemployment in small business totaled 599 thousand. This was 51 of total excess unemployment of 1171 thousand listed in Table 5.1. This share has been stable since 1992 after it rose from 31 percent in 1991 the first year in which the excess unemployment began to accumulate.

In Chart 5.3, the total excess unemployment is plotted together with the past and projected cumulated five year changes in primary defense jobs and with the past and projected estimates of primary unemployment defined as 22.2 percent of cuts in total defense jobs over successive five year periods. The size of the projected cuts in the primary defense jobs, indicates that the excess unemployment may persist at rather high levels for the rest of the decade, and possibly longer until the primary job cuts are completed and the secondary, i.e., indirect unemployment is worked off.

This means that public policies aimed to ease the transition to lower levels of defense spending, including policies carried out specifically in support of small business, will be required for the rest of the 1990s and possibly longer. Because the proportion of secondary unemployment will eventually rise and because it is likely to continue longer, the proportion of unemployment impact on the small business is likely to increase with time.

Aside from general macroeconomic policies aimed at increasing creation of jobs, economic transition has to be accomplished at the local level. The next chapter provides an analysis of actual employment history in some cases of past losses of defense jobs. It also provides estimates of the potential future losses of defense jobs for the economically vulnerable metropolitan areas and nonmetropolitan counties which have high proportions of defense employment.

Table 5.1
Distribution of Excess Unemployment Between Primary and Indirect Job Losses from Defense Cuts, 1989-1994

<u>Year</u>	Total Excess Unemployment Annual Average	Five Year Change in Total Defense Jobs	Primary Excess Unemployment (.222 of 5-yr.chg. sign reversed)	Indirect Ex Unemployn (Residual) thousands %	nent
1989	-168	679	-151	-17	
1990	-22	110	-24	2	
1991	115	-389	86	29	25%
1992	852	-969	215	637	75
1993	911	-1107	246	665	73
1994	1171*	-1295	287	884*	75

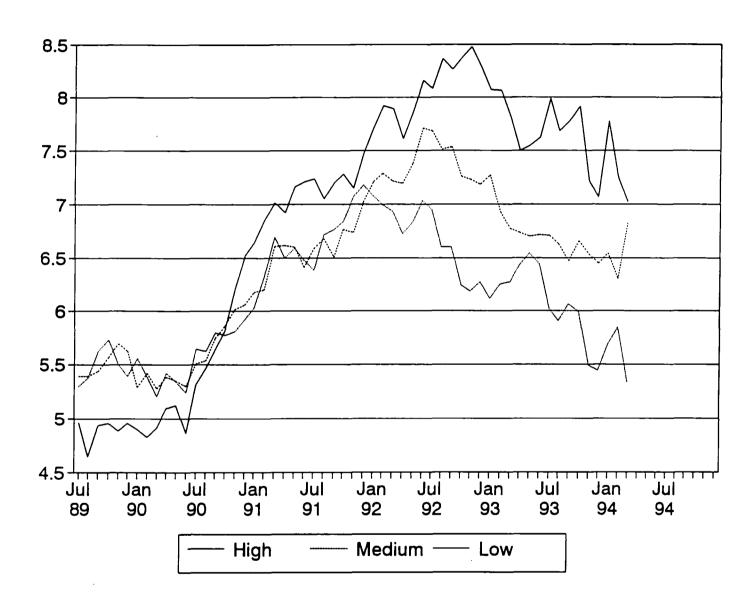
^{*}First Quarter of 1994

Table 5.2
Excess Unemployment From Job Losses in Small Business
Attributed to Cuts in Defense Spending, 1989-1994

<u>Year</u>	Primary	<u>Indirect</u>	<u>T</u> otal
1989	-45	-10	-54
1990	-14	-1	-15
1991	19	17	36
1992	59	383	442
1993	65	399	464
1994	69	530*	599*

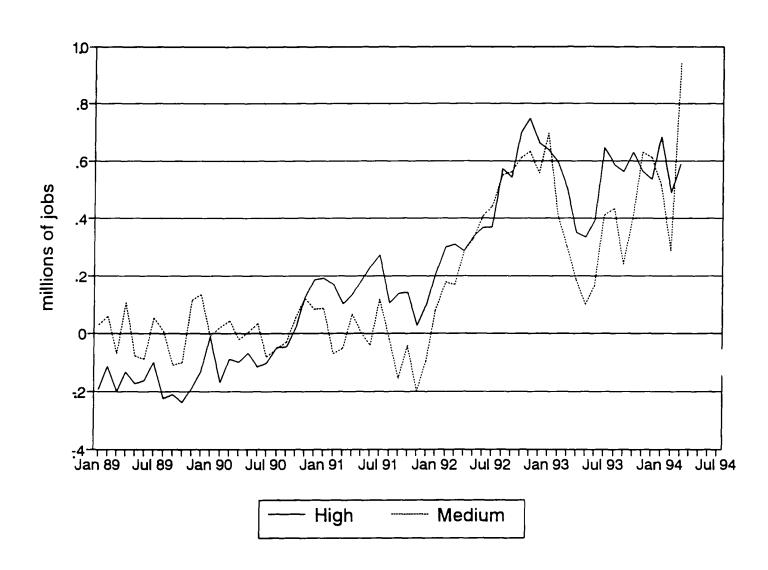
^{*}First quarter of 1994.

Chart 5.1
Unemployment Rates in States with High, Medium, and Low
Economic Dependence on Defense, 1989-1994
(seasonally adjusted)



Sources: U.S. Department of Labor; NPA Data Services, Inc.

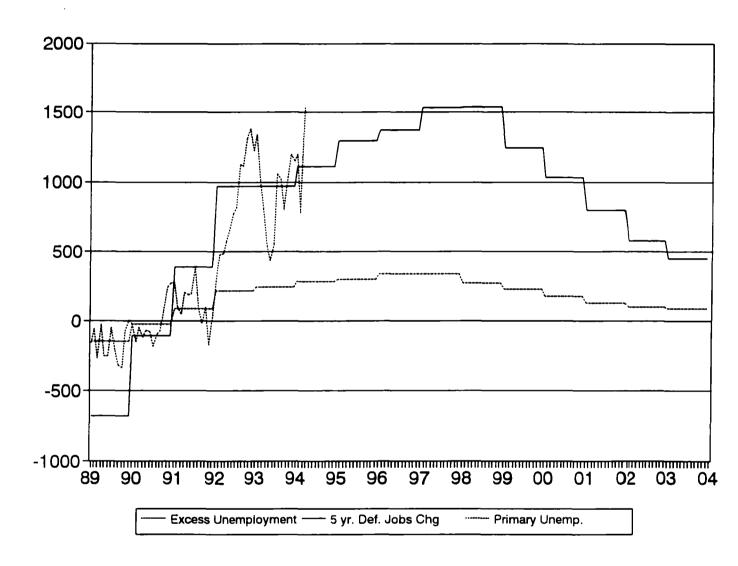
Chart 5.2
Excess Unemployment Attributable to Defense Cuts in States with Medium and with High Economic Dependence on Defense (millions)



Sources: U.S. Department of Labor; NPA Data Services, Inc.

Chart 5.3

Excess Unemployment, Total Cut in Defense Jobs over Preceding Five Year Period, and Estimated Primary Unemployment of Defense Workers (thousands)



Source: NPA Data Services, Inc.

CHAPTER 6: IMPACT OF DEFENSE CUTS ON LOCAL ECONOMIES AND SMALL BUSINESS

Uncertainties about Future Local Effects

Nationally, roughly one-half of total unemployment attributable to defense cuts represents job losses in small business. This proportion probably applies currently to most local situations except in places and at times where a large defense installation or plant closes down. In such cases, the direct job losses may be more numerous initially. In later stages, after most of the initial job losers became reemployed, either in the community or after migrating elsewhere, the indirect effects will continue and the impact on small business is likely to become higher than average.

The direct effects of the already programmed closings and transfers of personnel of defense facilities can be anticipated. A certain number of jobs will be lost in particular communities, i.e., metropolitan areas or nonmetropolitan counties. What will replace these jobs, if anything, and when, is subject to uncertainty. The probability of the closings actually occurring when programmed is high. But their actual effect on the economy depends on the advantages and disadvantages of the community, including its size and diversity, the size of programmed job losses relative to total employment, existence of growth industries and the ability of the community to work with the state and federal agencies to anticipate events so that is can better replace or adjust to the programmed losses. The indirect losses from the programmed closings are quite uncertain. They will depend on the same factors as the direct losses as well as on the general state of the economy.

While closings and realignments of military installations are the least uncertain of defense job reductions as to their time and location, they represent only a comparatively small part of the total job losses from the budgeted cuts in real defense spending and even a comparatively small part of the total expected reduction of military and government civilian jobs. Thus the total recommendations of the 1993 Base Closure and Realignment Commission add up to net reductions of 62.4 thousand military and civilian jobs or 3.5 percent of the total reduction of 1783 jobs (564 thousand government military and civilian jobs plus 1219 thousand jobs in the private defense industry) projected by the NPA Data Services, Inc., for the 1992-1999 period on the basis of the FY 1995 defense budget and other planning documents and assumptions as explained in Chapter 4.

For the most part, the location of future reductions in direct defense employment is quite uncertain. To some extent, the future reductions in direct government defense jobs will depend on future base closing recommendations. However to an overwhelming extent the location of most future job cuts required by reductions in the defense budget will be determined by administrative actions and strategic, technological, and political considerations of the U.S. government, and in private industry by corporate decisions regarding mergers, acquisitions, and relocations of plants and on decisions and ability of companies to participate in different lines of defense research and production.

The size and location of indirect job losses is even more difficult to predict. Because of these uncertainties the actual events will have to be monitored on a current basis at the local level in areas which are economically vulnerable to defense cuts.

Nevertheless, base closings contain some of the major cuts in local defense

employment. Because of this and because of their predictability, they have received most of the attention. The experience of local economies affected by base closings in the past provides an indication of what may be expected in similar situations in the future.

Analyses of the Effects of Past and Prospective Base Closings

The Department of Defense has published an analysis of civilian reuse of former military bases closed over the period 1961-93 in which civilian conversion was completed.²⁰ This study reports that in all the cases examined combined, eventually more new jobs (171,000) were created at the facilities of former bases than were lost originally (87,000). Four year colleges and post-secondary vocational schools and community colleges have been establishes at 36 former bases, high school level vocational training facilities at 21 former bases, industrial and office parks at 83 former bases, and municipal or general aviation airports at 43 former DoD facilities.

The database of the NPA Data Services contains annual data for total employment as well as for federal civilian and federal military employment in counties and metropolitan areas for the years starting 1967. This permits a review of cases with the "impact year" of 1968 or later. A review was conducted of the economic impacts on fourteen metropolitan areas and six nonmetropolitan counties listed in the Defense Department summary of completed economic adjustment projects. The economic effect of these cases is summarized for metropolitan statistical areas (using 1993 definitions) in Table 6.1 and for nonmetropolitan counties in Table 6.2. These tables show the changes in total federal

²⁰U.S. Department of Defense. 1993. Civilian Reuse of Former Military Bases, Summary of Completed Military Base Economic Adjustment Projects (September). Washington, D.C.: Office of Economic Adjustment, Office of Assistant Secretary of Defense; Economic Security.

employment and in total employment of the community over a two year period from the base year, i.e., the last year before the impact year and the year following the impact year and also the same over a five year period from the base year. These tables also show the two year change in federal jobs as percent of total employment in the base year, the year the total base year employment was recovered in the community and the number of years required for the recovery. Special circumstances which bear on the evaluation of these cases such as general recessions and population losses that the community experienced are noted in Remarks. Table 6.1 also includes analysis of one case of industrial defense job losses in Wichita, KS, which occurred over a series of years.²¹

These analyses indicate that the nonmetropolitan counties had greater difficulty replacing job losses than the metropolitan areas. In large diversified metropolitan areas where job reductions were a small proportion of the total base year employment, as in Boston or Nashville, there were small or no effects of the federal job cuts on the community. Large effects on total employment and population losses occurred in only one relatively small metropolitan area, Amarillo Texas. Also large drops in employment occurred in Wichita, KS, where there were job reductions in the aircraft industry and population losses were experienced over a number of years.

In the defense dependent nonmetropolitan counties examined in Table 6.2, the impact of base closings was considerably more severe. Of the six counties analyzed, in three cases the base year employment was not recovered as of 1993. In the remaining three cases, it

²¹U.S. Department of Defense. 1985. *Economic Adjustment/Conversion*. Report prepared by the President's Economic Adjustment Committee, the Office of Economic Adjustment and the Office of the Assistant Secretary of Defense. Washington, D.C.: July 1985.

took eight years in one and 16 years in another case for the base year employment to recover. Population losses were experienced in five cases. In four of the five, these losses have not been recovered. In only one case (Monroe County, FL, which includes Key West) there was no decline in either employment or population. By contrast, of the 14 metropolitan cases analyzed, the base year employment level was recovered in all cases. The longest time for the recovery was ten years. In six cases there was continued employment growth through the impact year including a case where 10 percent of the base year employment was lost in a small metropolitan area (Laredo, TX—there was, however, a one year dip in Laredo employment and population in the year following the impact year). These cases, in addition to the very clear difference between the experience of nonmetropolitan counties and experience of the metropolitan areas, also show great variety of the extent to which losses of defense jobs were compensated for or absorbed by local economies.

An analysis of the potential economic impact of the 1993 Base Closures and Realignments was made at the Defense Department using DoD Office of Economic Adjustment Spreadsheet Model.²² "Worst case" estimates were made of the potential additions to the current unemployment rates of metropolitan areas or counties resulting from cumulative direct and indirect impacts of the closures and realignments proposed by the DoD and those added by the 1993 Base Closure and Realignment Commission. Of the 64 areas examined for which one or more closures were recommended, the worst case estimate of cumulative impact amounted to additional unemployment of 10 percent or more, in 14

²²U.S. Department of Defense. "Economic Impact of the Base Closures and Realignments," mimeo, undated.

cases.²³ In ten cases, the estimated addition to unemployment was between 5 and 10 percent, in twenty between 1 and 5 percent, and in twenty less than 1 percent. Of the 14 cases with estimated impact of 10 percent and more, 7 were metropolitan areas and another 7 nonmetropolitan counties. Even these estimates show that the number of communities severely affected by base closings may be fairly small. Economies of a limited number of communities can be easily monitored on a regular basis.

Past experience summarized in Tables 6.1 and 6.2 shows that on a two year basis the total job reductions were in many cases less than the reductions in the direct defense jobs even for several nonmetropolitan counties. In some cases the direct losses were at least partially offset within the first year. It also shows that in metropolitan economies job losses in most cases were eventually replaced, but that the time over which they were replaced has varied substantially. On the other hand, among the nonmetropolitan counties, especially those not in proximity to a sizable metropolitan area, the replacement of job losses from closings of military installations where the losses were a large proportion of the local economy were not replaced at all and population losses resulted in a permanent shrinkage of the county economy and population.

Identifying the Location of Potential Future Job Losses

In order to identify communities which are at risk of adverse economic impact from downsizing and restructuring of the U.S. Defense forces, the best place to start is with the

²³The ratio of indirect to direct job reductions ranged in the 14 severely impacted cases from a high of 1.81 for a county economy in which a Naval Aviation Depot is to be closed to a low of .4 in two cases where airforce bases would be closed. Most ratios were in the neighborhood of .8 and 1. These are hypothetical worst case estimates.

local economies which currently have the largest shares of their total employment in defense jobs. Such estimates were made by the NPA Data Services as part of its ongoing database preparation for the 1994 Regional Economic Projections Series. The current estimates prepared in early Summer of 1994 contain defense employment, total employment, and estimated reduction in defense employment made annually for the 1992-2003 period for counties, metropolitan areas, and states. These estimates will be published in the forthcoming 1994 Edition of Cuts in Defense Jobs, in U.S. Counties, Metropolitan Areas, and States, which contains detailed description of the methods used in making these estimates.²⁴

Defense employment ratios and projected defense reductions for the years 1992-1999 as percentage of the base year (1992) employment used here are derived from this database for the local economies vulnerable to losses of defense jobs. Vulnerability is defined for the present purpose as 5 percent or more of total 1992 employment in (primary) defense jobs. A different threshold may be chosen for other purposes. Table 6.3 shows in the first column defense employment as a percent of total 1992 employment for 91 metropolitan areas which

²⁴The estimating process was carried out at the county level. County estimates were aggregated into totals for Metropolitan Statistical Areas and States. For each category of defense jobs, all annual estimates were conformed to the respective national totals shown here in Table 1.3. County estimates for the military and government defense civilians for the base year 1992 were obtained from the DoD "Distribution of Personnel" report for 1992. The relatively small undistributed personnel numbers within each state were allocated by population. County changes in government personnel were first projected by assuming reductions in proportion to the national changes and then adjusted for the base closings and relocations. Also, smaller reductions were assumed for counties in economic areas which are expected to remain strategically important or which include central command, intelligence, R&D and training functions. Private sector defense jobs in 1992 were distributed within each state among counties in proportion to Department of Defense contract awards. For subsequent years reductions of county defense jobs were projected in proportion to the changes in the respective state totals.

had 5 or more percent of their total 1992 employment in direct defense jobs arranged in descending order of the defense employment percentage. Table 6.4 shows the same estimate for the 116 nonmetropolitan counties.

Table 6.3 shows that 13 of the 91 metropolitan areas listed had defense employment ratio of 20 percent or more, while Table 6.4 lists 53 of the 116 nonmetropolitan counties shown as having 20 or more of their employment in defense jobs. This underscores the greater potential vulnerability of the nonmetropolitan local economies.²⁵

Tables 6.3 and 6.4 also show the currently projected reductions in defense jobs for all the areas with 5 percent or more of employment in direct defense jobs. These reductions generally correspond to the proportion of defense employment in 1992, but there are some major exceptions. These exceptions reflect the changes in the military and government defense civilian jobs programmed in accordance with the recommendations of the Base Closings and Realignment Commission. In some cases, these recommendations involve transfers of jobs to particular areas. These differences also reflect assumptions made about smaller reductions to be made in locations of continued strategic importance, and those with command, R&D, intelligence and training functions. Reductions of the private industry defense jobs embody differences in the relative reductions in these jobs by state estimated by

²⁵In addition to inherent uncertainty about where the actual defense job cuts, both governmental and private, will occur in the future, there is also some uncertainty as to where exactly the private sector jobs in private industry are located at present which arises from year to year variability in government contract awards by which the county distribution of the private sector defense jobs within states is estimated. This introduces considerable instability into the estimates for some small areas. Eventually this statistical noise may be reduced by averaging contract awards over several years, but doing this was not practical within the scope of this project.

Defense Budget Project based on differences in location of jobs funded by different appropriation titles and on budgeted differences in their future funding. Otherwise, the local defense reductions were projected in proportion required to satisfy the projected national totals for the military and government defense civilians and the projected state totals for the private sector defense jobs. Thus, in the absence of more information much of the local allocation of national changes was made in proportion to the national or state totals.

There still remains further uncertainty about how the future local changes in direct defense jobs will affect the indirect employment through local losses of purchasing power.

Past experience and prospective analyses of local impacts indicate that there are likely to be great differences in the effects on local economies even among the cases with comparable percentage reductions in defense jobs.

Because of these uncertainties and because the number of vulnerable local economies is not large, the policy concerns regarding local impacts of defense reductions would probably be best satisfied by devising an economic information system which could monitor on a timely basis the communities deemed vulnerable to defense cuts.

Coping with Uncertainty

The objects of policy concern are, the people whose jobs are lost, the communities which are faced with substantial losses of revenue, and businesses, especially small businesses, which may experience hardships and contribute to further job losses. Because the size of future losses of primary defense jobs in government and defense industry is quite uncertain in most cases and the size of the indirect job losses is even more uncertain in all cases, it is necessary for the policy agencies concerned with mitigating or alleviating the

impact of defense job reductions to monitor the economies in the defense dependent communities on an ongoing basis.

Fortunately, information exists for designing such a system. The household survey of employment and unemployment of residents produces monthly data of labor force, employment and unemployment for counties and metropolitan areas. Also, the nonfarm employment reports are available by industry on a monthly basis for labor market areas and states. The labor market areas generally correspond to the metropolitan statistical areas.

In October 1993 the U.S. Department of Labor published an analysis of labor force, employment and unemployment in 206 defense dependent labor market areas and compared changes in these areas from 1990 to 1992 with changes in the relevant regional totals.²⁶ This analysis reported generally unfavorable unemployment trends in these areas relative to trends in unemployment in the regions in which they are located. A comparison to 1993 may be published soon.

However, it should be possible to develop a more timely, monitoring system targeted more directly on areas with large dependence on defense and including some information for small business, utilizing more current, monthly or quarterly, employment and unemployment data as well as other information such as DoD quarterly contract awards reported on form SF-179 and compiled by the Eagle Eye Publishers, Inc., defense payroll and contract payments by county reported annually by the Bureau of the Census in the Consolidated Federal Funds Reports, and the annual Regional Economic Information System (REIS) data

²⁶U.S. Department of Labor. 1993. "Department of Defense Downsizing: Areas of Potential Impact" (October). Bureau of Labor Statistics, Local Area Unemployment Statistics.

of the Bureau of Economic Analysis and update estimates for current years prepared by the NPA Data Services, Inc., which would help identify by state and county actual employment trends in small business dominated industries.

As analysis in Chapter 5 indicates, direct jobs losses are only part of the problem of job losses from defense restructuring. Most, about 75 percent, of the current excess unemployment that may be attributed to defense reductions appears to consist of the indirect job losses. Because at present small business represents about one half of the excess unemployment attributable to defense cuts, roughly one half of the currently existing unemployment that may be attributed to defense cuts probably represents job losses in small business. This suggests importance of identifying in defense vulnerable communities in which unemployment is rising, job losses in small business, especially in such small business dominated industries as construction, retail trade, including eating and drinking places, real estate and rentals, personal services, business services, and repair services.

Table 6.1
Economic Analysis of Federal Employment Reductions in Selected Metropolitan Statistical Areas 1967-1993

(Based on MSA Definitions of June 1993. Employment in Thousands.)

	MSA and Facility	Impact <u>Year</u>	Chang Federa Emplo 2 yr	1	Change Total Employ 2 yr		2 Year Fed.Change % Base Year Employment		mployment covered Years Since Base Year	<u>Remarks</u>
65	Albany GA Albany Naval Air Station	1974	-2.9	-2.0	-5.1	0.0	-5.5%	1978	5	1975 recession, 1973-74 population decline, regained 1977
	Amarillo TX Amarillo AFB	1968	-13.4	-14.0	-10.4	-5.9	-17.8	1974	7	big effect—pop. decline 1968-70, regained 1980
	Baltimore MD Ft. Holabird	1973	3.4	0.0	45.2	57.5	no.cut	1973	1	no effect
	Boston MA-NH Boston Shipyard	1974	-10.1	-15.6	-64.0	195.6	-0.4	1977	4	1975 recession, pop. losses 1973-75, regained 1978
	Duluth MN-WI Duluth AFB	1982	-1.2	-1.1	-15.3	-11.4	-1.0	1991	10	1982 recession, mining & mfg. job losses
	Laredo TX Laredo AFB	1973	-2.8	-3.0	8	5.2	-10.2	1973	1	small effect—pop.loss 1973-74, recovered 1976
	Nashville TN Sewart AFB	1969	-4.0	-5.3	16.1	67.6	-1.2	1961	1	no effect, other growth
	Newburgh NY Stewart AFB	1969	-1.8	-2.4	3.1	13.6	-2.0	1969	1	no effect
	Orlando FL McCoy AFB	1974	-0.5	2.1	-7.6	52.2	0.0	1976	2	1975 recession

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Table 6.1	(continu	ied)
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Providence RI New Kingstown NAS	1974	-9.4	-10.6	-19.3	27.8	-2.3	1977	4	some effect—1975 recession, population loss 1973-5, recovered 1985
Springfield MA Westover AFB	1974	-4.1	-4.7	-9.4	11.9	-1.6	1977	4	1975 recession, pop.loss 1973-79 recovered 1988
Topeka KS Forbes AFB	1973	-3.4	-3.9	1.5	6.3	-4.1	1973	1	some effect—pop.losses 1972-74 recovered 1988
Ventura CA Oxnard AFB	1970	-4.5	-4.2	5.7	30.2	-3.4	1971	1	no effect
Wichita KS Aircraft Mfg Declines	1968	-8.1*	-15.5*	8.0	2.8	-4.1	1972	5	long term reductions, pop.losses 1969-72 recovered 1975

*Decline in manufacturing employment

Source: U.S. Department of Defense; NPA Data Services, Inc.

Table 6.2 Economic Analysis of Federal Employment Reductions in Selected Nonmetropolitan Counties 1967-1993
(Employment in Thousands)

	MSA and Facility	Impact Year	Change Federal Employ 2 yr		Change Total Employ 2 yr		2 Year Fed.Change % Base Year Employment		nployment overed Years Since Base Year	<u>Remarks</u>
	Dallas Cty AL Craig AFB	1977	-2.3	-2.3	-1.8	-1.2	-9.1	not reco	vered	population losses, 1977-93
	Monroe Cty FL Truman Annex, Key West	1973	-0.9	-1.5	1.8	4.7	-3.6	no decli	ne	
•	Chippewa Cty MI Kimcheloe AFB	1977	-3.3	-3.6	-2.3	-3.6	-23.6	1992	16	population losses to 1980, not recovered to base
67	Valley Cty MT Glasgow AFB	1968	-4.0	-4.1	-3.7	-3.1	-44.8	not reco	overed	population losses 1968-93
	Newport Cty RI Newport Naval Base	1974	-9.8	-10.7	-9.2	-4.9	-23.8	1981	8	1975 recession, population losses to 1980, not recovered to base
	Howard Cty TX Webb AFB	1977	-3.0	-2.9	-2.5	-0.7	-16.2	not reco	overed	population losses, not recovered to base

Source: U.S. Department of Defense; NPA Data Services, Inc.

Table 6.3

Potential Losses of Defense Jobs in Metropolitan Statistical Areas with 5 Percent or More of Total 1992 Employment in Defense Jobs

		[1] Defense Jobs as Percent of of Total	[2] Defense	[3] Total	[4] Projected Defense Jobs	[5]
		Employment	Jobs	Employment	Reduction	Percent
	Metropolitan Statistical Area	1992	1992	1992	1992-1999	of [3]
3605	JACKSONVILLE; NC	65.23	49527	75930	-10456	-13.77
2560	FAYETTEVILLE; NC	46.78	73472	157070	-18644	-11.87
4200	LAWTON; OK	46.67	28898	61920	-6398	-10.33
2750	FORT WALTON BEACH; FL	42.93	37701	87810	-9726	-11.08
1660	CLARKSVILLE-HOPKINSVILLE; TN-KY	42.07	36196	86040	-7913	-9.20
	KILLEEN-TEMPLE; TX	39.46	49934	126530	2589	2.05
	BREMERTON; WA	29.81	30203	101310	-4315	-4.26
7520	SAVANNAH; GA	26.57	39283	147860	-8915	-6.03
0920	BILOXI-GULFPORT-PASCAGOULA; MS	25.58	41840	163570	-14138	-8.64
1720	COLORADO SPRINGS; CO	23.74	57418	241900	-9512	-3.93
5523	NEW LONDON-NORWICH; CT	23.57	33179	140770	-10824	-7.69
3440	HUNTSVILLE; AL	21.21	41157	194060	-12789	-6.59
2190	DOVER; DE	20.38	12390	60780	-3342	-5.50
0450	ANNISTON; AL	19.87	12266	61740	-3341	-5.41
3040	GREAT FALLS; MT	19.29	8845	45860	-2372	-5.17
	SUMTER; SC	18.53	8885	47950	-1643	-3.43
1800	COLUMBUS; GA-AL	17.90	25820	144280	-4889	-3.39
5720	NORFOLK-VIRGINIA BEACH-					
	NEWPORT NEWS; VA-NC	17.88	153252	857210	-28480	-3.32
9360	YUMA; AZ	16.98	9186	54090	-1740	-3.22
1580	CHEYENNE; WY	16.14	7284	45140	-1630	-3.61
3320	HONOLULU; HI	15.76	87675	556440	-16492	-2.96
6660	RAPID CITY; SD	15.37	8834	57460	-1787	-3.11
8720	VALLEJO-FAIRFIELD-NAPA; CA	15.13	29854	197370	-16897	-8.56
7120	SALINAS; CA	14.94	30007	200910	-24339	-12.11
	SOUTH BEND; IN	14.86	20630	138840	-9467	-6.82
	WICHITA FALLS; TX	14.71	11367	77260	-2504	-3.24
	ABILENE; TX	14.64	10461	71440	-3061	-4.28
4900	MELBOURNE-TITUSVILLE-PALM BAY; FL	14.38	29345	204130	-10951	-5.36
8200	TACOMA; WA	14.37	40096	279000	-1160	42
1440	CHARLESTON-NORTH CHARLESTON; SC	14.34	40741	284150	-21965	-7.73
6080	PENSACOLA; FL	13.95	23900	171280	-2565	-1.50
2980	GOLDSBORO; NC	13.88	7708	55550	-1705	-3.07
0380	ANCHORAGE; AK	13.65	21836	159990	-2393	-1.50
4680	MACON; GA	13.47	21620	160470	-2172	-1.35
7320	SAN DIEGO; CA	13.25	180487	1361920	-29699	-2.18
0960	BINGHAMTON; NY	12.58	17389	138190	-7869	-5.69
	DAYTON-SPRINGFIELD; OH	12.55	66981	533810	-25220	-4.72
2985	GRAND FORKS; ND-MN	12.53	7632	60930	-1700	-2.79
	SAN ANTONIO; TX	12.31	87441	710130	-22520	-3.17
2340	ENID; OK	11.60	3750	32330	-1163	-3.60
8840	WASHINGTON; DC-MD-VA-WV	11.19	325370	2908960	-93126	-3.20
0860	BELLINGHAM; WA	10.94	8299	75850	-3219	-4.24
2320	EL PASO; TX	10.58	28874	272900	-6178	-2.26
1360	CEDAR RAPIDS; IA	10.30	12060	117110	-5229	-4.47
7480	SANTA BARBARA-SANTA MARIA-					
	LOMPOC; CA	10.21	22009	215540	-7610	-3.53

Table 6.3 (continued)

		[1] Defense Jobs	[2]	[3]	[4] Projected	[5]
		as Percent of of Total	Defense	Total	Defense Jobs	[4] as
		Employment	Jobs	Employment	Reduction	Percent
	Metropolitan Statistical Area	1992	1992	1992	1992-1999	of [3]
	FORT WORTH-ARLINGTON; TX	9.96	73470	737930	-34529	-4.68
	YUBA CITY; CA	9.23	5116	55450	-1048	-1.89
	CORPUS CHRISTI; TX	9.04	15645	173110	-4156	-2.40
	SAN ANGELO; TX	8.86	4871	54950	-1146	-2.09
	TUCSON; AZ	8.86	29175	329380	-9250 8600	-2.81
	APPLETON-OSHKOSH-NEENAH; WI	8.78	17581	200160	-8600 -3061	-4.30
	COLUMBIA; SC	7.96	24055	302280	-3061 5060	-1.01 -7.51
	MERCED; CA	7.87	6241	79320	-5960	
	UTICA-ROME; NY	7.81	11996	153580	-8271	-5.39
	ST. LOUIS; MO-IL	7.75	112798	1455990	-42211 -2599	-2.90 -1.50
	MONTGOMERY; AL	7.72	13344	172890		
	PITTSFIELD; MA	7.66	5628	73430	-2373 -2445	-3.23 -1.25
	SHREVEPORT-BOSSIER CITY; LA	7.64	14983	196200	-2443 -438	-1.23 70
	ALBANY; GA	7.59	4781	62990 970150	-438 -32479	70 -3.35
	SAN JOSE; CA	7.59	73608	· · · ·	-32479 -2046	-3.33 -1.80
	CHAMPAIGN-URBANA; IL	7.57	8622	113970	-2040 -8019	-1.80 -2.58
	WICHITA; KS	7.21	22454 22923	311320	-6878	-2.36 -2.15
	VENTURA; CA	7.18	98396	319180	-43892	-2.13 -3.17
	NASSAU-SUFFOLK; NY	7.11 6.87	50923	1383830 741750	-20067	-3.17 -2.71
	SACRAMENTO; CA		2891	42510	-20007 -658	-2.71 -1.55
	PINE BLUFF; AR	6.80	16013	235770	-3326	-1.33 -1.41
	AUGUSTA-AIKEN; GA-SC	6.79			-3320 -7153	-1.41
	OKLAHOMA CITY; OK	6.75	38652 13385	572210	-7133 -4795	-1.23 -2.36
	DAVENPORT-MOLINE-ROCK ISLAND; IA-I	L 6.59 6.58	19205	203190 291820	-8593	-2.30 -2.94
	FORT WAYNE; IN	6.54	5915	90400	-8393 -2 5 69	-2. 34 -2.84
	LIMA; OH		64796	998950	-2309	-2.8 4 -2.16
	RIVERSIDE-SAN BERNARDINO; CA	6.49 6.38	16368	256640	-21346 -4019	-2.10 -1.57
	BAKERSFIELD; CA NEW HAVEN-BRIDGEPORT-STAMFORD-	0.38	10306	230040	-4019	-1.57
5 105	DANBURY-WATERBURY; CT	6.35	58829	925940	-27805	-3.00
5190	MONMOUTH-OCEAN; NJ	6.26	26510	423760	-9201	-2.17
	YORK; PA	6.00	11138	185490	-3383	-1.82
	PANAMA CITY; FL	5.91	4313	72920	-1681	-2.31
	LOS ANGELES-LONG BEACH; CA	5.90	280945	4764450	-116783	-2.45
	CINCINNATI; OH-KY-IN	5.78	52590	909320	-22840	-2.51
	JACKSONVILLE; FL	5.73	30676	534930	-4002	75
	SALT LAKE CITY-OGDEN; UT	5.60	35607	635730	-7385	-1.16
	ORLANDO; FL	5. 5 9	43115	771330	-24846	-3.22
	BALTIMORE; MD	5.54	75276	1358500	-22001	-1.62
	OMAHA; NE-IA	5.50	23392	425340	-4092	96
	LAKE CHARLES; LA	5.49	4533	82540	-1968	-2.38
	NEWBURGH; NY-PA	5.44	8133	149540	-1677	-1.12
	BURLINGTON; VT	5.39	6264	116170	-2565	-2.21
	ALBUQUERQUE; NM	5.29	18148	343180	-4496	-1.31
	PHILADELPHIA; PA-NJ	5.21	135441	2598010	-60920	-2.34
	LAS CRUCES; NM	5.14	3057	59450	-1193	-2.01
	DENVER; CO	5.01	55992	1116800	-23972	-2.15
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Source: NPA Data Services, Inc.

Table 6.4
Potential Losses of Defense Jobs in Nonmetropolitan Counties
with 5 Percent or More of Total 1992 Employment in Defense Jobs

		[1] Defense Jobs	[2]	[3]	[4] Projected	[5]
		as Percent of of Total	Defense	Total	Defense Jobs	[4] as
		Employment	Jobs	Employment	Reduction	Percent
	County	1992	1992	1992	1992-1999	of [3]
06091	SIERRA, CA	98.77	1361	1381	-143	-10.36
26001	ALCONA, MI	98.76	2548	2580	-499	-19.34
12129	WAKULLA, FL	97.59	3798	3991	-1603	-40.16
48387	RED RIVER, TX	86.08	4991	5798	-37	63
49045	TOOELE, UT	80.81	10327	12967	-3350	-25.84
18101	MARTIN, IN	72.50	6585	9143	-1913	-20.92
29169	PULASKI, MO	71.98	16689	23237	-3547	-15.26
16039	ELMORE, ID	71.43	6975	9843	-3060	-31.09
20161	RILEY, KS	69.26	21584	31173	-4218	-13.53
23023	SAGADAHOC, ME	68.42	14820	22133	-5927	-26.78
22115	VERNON, LA	64.65	20111	31148	-9347	-30.01
05013	CALHOUN, AR	57.10	2479	4452	-1049	-23.56
35035	OTERO, NM	56.47	14626	26025	-2602	-10.00
48015	AUSTIN, TX	55.20	5861	10890	-2490	-22.87
01031	COFFEE, AL	55.12	13036	23828	-2805	-11.77
54105	WIRT, WV	52.82	631	1225	-257	-20.98
40065	JACKSON, OK	45.48	6529	14467	-1614	-11.16
02290	YUKON-KOYUKUK CENSUS AREA, AK	44.11	1404	3237	-350	-10.80
02010	ALEUTIAN ISLANDS CENSUS AREA, AK	41.15	4000	9761	-486	-4.98
06027	INYO, CA	40.16	3665	9360	-1445	-15.44
44005	NEWPORT, RI	38.72	18385	48152	-6019	-12.50
04003	COCHISE, AZ	38.19	15259	40337	-4786	-11.87
37049	CRAVEN, NC	38.01	18394	48561	303	.62
13039	CAMDEN, GA	37.55	6716	17956	488	2.72
24037	ST. MARYS, MD	36.15	12344	34525	-1953	-5.66
35057	TORRANCE, NM	36.10	1104	3136	-411	-13.11
17013	CALHOUN, IL	36.02	701	1996	-296	-14.83
31173	THURSTON, NE	35.97	1094	3119	-419-	-13.44
21093	HARDIN, KY	35.06	20369	58104	-3971	-6.83
22081	RED RIVER, LA	34.93	1176	3453	-506	-14.66
56045	WESTON, WY	33.91	1224	3701	-434	-11.72
	CURRY, NM	33.73	7618	22645	72	.32
47031	COFFEE, TN	32.39	8585	27140	-3426	-12.62
32001	CHURCHILL, NV	31.81	2942	9361	-779	-8.32
36045	JEFFERSON, NY	31.49	18418	58699	-4138	-7.05
02090	FAIRBANKS NORTH STARBOROUGH, AK		12312	44220	-1156	-2.61
39159	UNION, OH	27.77	6017	22218	-2601	-11.71
45013	BEAUFORT, SC	27.57	15154	55116	-3254	-5.90 0.70
32021	MINERAL, NV	27.22	844	3181	-311	-9.79
05073 46093	LAFAYETTE, AR	24.85	765 1717	3155 7283	-319 -580	-10.10 -7.96
	MEADE, SD	24.17				-7. 30 -5.37
29101 38101	JOHNSON, MO WARD, ND	24.11 22.71	5347 7949	22236 35107	-1193 -1736	-3.37 -4.95
54109	WYOMING, WV	22.71	1506	6828	-1736 -607	- 4 .93 -8.89
24047	WORCESTER, MD	22.61 21.76	6113		-1052	-8.8 9 -3.74
41027		21.76	2374	28115 11390	-1052 -957	-3.74 -8.41
48465	HOOD RIVER, OR VAL VERDE, TX	21.34	3215	15282	-937 -730	-6.41 -4.78
40407	TAL TERDE, IA	21.11	3213	13404	-/30	-4 ./0

Table 6.4 (continued)

		[1] Defense Jobs as Percent of	[2]	[3]	[4] Projected Defense	[5]
		of Total	Defense	Total	Jobs	[4] as
	Country	Employment 1992	Jobs 1992	Employment 1992	Reduction 1992-1999	Percent of [3]
	County	1992	1992	1332	1772-1777	01 [3]
54053	MASON, WV	21.07	2074	10088	-844	-8.36
38079	ROLETTE, ND	20.67	962	4771	-360	-7.55
05047	FRANKLIN, AR	20.43	1188	5962	-497	-8.34
47017	CARROLL, TN	20.35	2591	13056	-1074	-8.23
18103	MIAMI, IN	20.29	3330	16409	-3304	-20.13
02060	BRISTOL BAY BOROUGH, AK	20.16	355	1771	-45 -1066	-2.54 -5.28
55081	MONROE, WI	18.83	3744	20164 6273	-1000 -504	-3.28 -8.04
04012	LA PAZ, AZ	18.57 17.02	1136 2263	13429	-349	-2.60
48273	KLEBERG, TX	16.94	737	4464	-315	-7.06
41049 28149	MORROW, OR WARREN, MS	16.31	4106	25316	-426	-1.68
26103	MARQUETTE, MI	15.26	5358	35245	-2177	-6.18
05103	OUACHITA, AR	15.14	1762	11926	-731	-6.13
02240	S.E. FAIRBANKS CENSUS AREA, AK	14.29	319	2240	25	1.12
17071	HENDERSON, IL	13.84	309	2291	-129	-5.64
36099	SENECA, NY	13.21	1822	13828	-233	-1.69
49003	BOX ELDER, UT	12.45	2448	20164	-976	-4.84
40121	PITTSBURG, OK	12.37	2212	18057	-325	-1.80
26165	WEXFORD, MI	12.36	1786	14817	-756	-5.10
02050	BETHEL CENSUS AREA, AK	12.15	615	5061	-63	-1.24
20175	SEWARD, KS	12.02	1593	13583	-649	-4.78
54077	PRESTON, WV	11.02	1018	9461	-408	-4.31
48297	LIVE OAK, TX	10.87	485	4574	-203	-4.43
13185	LOWNDES, GA	10.80	4722	43760	-975	-2.23
42059	GREENE, PA	10.79	1414	13423	-588 -37	-4.38 -2.26
48413	SCHLEICHER, TX	10.55	171 369	1621 3580	-37 -98	-2.20 -2.73
54071	PENDLETON, WV	10.39 10.26	4439	43333	3644	8.41
06031	KINGS, CA	10.26	302	3069	-120	-3.93
21139 36019	LIVINGSTON, KY	9.98	4157	41900	-3607	-8.61
42089	CLINTON, NY MONROE, PA	9.92	5066	51457	-719	-1.40
21147	MCCREARY, KY	9.58	357	3820	-139	-3.65
42055	FRANKLIN, PA	9.50	5683	60258	-1522	-2.53
29091	HOWELL, MO	9.34	1699	18642	-772	-4.14
21129	LEE, KY	9.29	211	2324	-84	-3.61
28123	SCOTT, MS	9.27	1282	14176	-538	-3.80
23031	YORK, ME	9.11	7281	80136	-449	56
23003	AROOSTOOK, ME	9.09	4068	44799	-3926	-8.76
28075	LAUDERDALE, MS	9.06	3892	43145	-871	-2.02
01019	CHEROKEE, AL	8.94	551	6309	-199	-3.15
37137	PAMLICO, NC	8.72	318	3738	-118	-3.16
51933	MONTGOMERY + RADFORD, VA	8.54	4005	48027	-1569	-3.27
54059	MINGO, WV	8.38	1022	12491	-407 42	-3.26 76
51033	CAROLINE, VA	8.10	439	5443	-42	76
28087	LOWNDES, MS	8.09 8.03	2850 2175	35384 27759	-649 -882	-1.83 -3.18
20061	GEARY, KS	7.88	1925	27739 25027	-862 -799	-3.16 -3.19
17199 47069	WILLIAMSON, IL HARDEMAN, TN	7.53	765	10415	-311	-2.99
19057	DES MOINES, IA	7.33 7.32	1939	27130	-806	-2.97
12087	MONROE, FL	7.27	3615	50024	-821	-1.64
12007	MICHIGOD, I D			 ·		

Table 6.4 (continued)

		[1] Defense Jobs as Percent of	[2]	[3]	[4] Projected Defense	[5]
		of Total Employment	Defense Jobs	Total Employment	Jobs Reduction	[4] as Percent
	County	ещрюущена 1992	1992	1992	1992-1999	of [3]
					<u>.</u>	
13191	MCINTOSH, GA	7.25	208	2939	-85	-2.89
30005	BLAINE, MT	7.22	207	2936	-76	-2.59
45053	JASPER, SC	7.20	353	5012	-126	-2.50
30085	ROOSEVELT, MT	6.73	348	5288	-126	-2.37
40039	CUSTER, OK	6.60	936	14528	-341	-2.35
48025	BEE, TX	6.60	717	10885	-691	-6.35
22125	WEST FELICIANA, LA	6.28	454	7401	-191	-2.58
45011	BARNWELL, SC	6.12	550	9204	-198	-2.15
17151	POPE, IL	6.01	71	1215	-29	-2.41
13187	LUMPKIN, GA	5.66	294	5196	-58	-1.11
55029	DOOR, WI	5.64	906	16482	-428	-2.60
05001	ARKANSAS, AR	5.37	657	12521	-267	-2.13
01109	PIKE, AL	5.19	719	14174	-259	-1.83
55057	JUNEAU, WI	5.15	601	11858	-196	-1.65
06051	MONO, CA	5.12	370	7252	-77	-1.07
35006	CIBOLA, NM	5.09	323	6477	-112	-1.72
13065	CLINCH, GA	5.07	137	2764	-55	-1.98
26039	CRAWFORD, MI	5.04	256	5158	-62	-1.21
28141	TISHOMINGO, MS	5.01	408	8339	-167	-2.00

Source: NPA Data Services, Inc.

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Structure of the Paradox Database Files Developed by NPA Data Services Inc. for the Small Business Administration, July 1994.

Three database tables were created: SBRPT contains Proprietor, Small Business, and Total Employment by Industry. EERPT contains Total and Small Business prime contracts from the Eagle Eye CD-ROM by state and by industry. SBANNUAL contains the annual data and projections of total and Small Business defense industry jobs for all states from 1992 to 1999.

Two supplementary tables have also been supplied: INDUSTRY is a list of Industry codes and their labels. STATCODE is a list of SBA, FIPS, and Postal state codes and their labels.

Structure of EERPT table

Structure of STATCODE table

Field Name	Field Type	Field Name	Field Type
Stcode	S	SBA	S
Industry	S	FIPS	S
Tot92	N	POSTAL CODE	A 2
SB92	N	TITLE	A30
%SB	N		

Structure of SBANNUAL table

LT500

OVER500

Total Jobs

% Small Business

Structure of IND	USTRY table		
		Field Name	Field Type
Field Name	Field Type	FIPS	S
Industry	S	1992	N
Label	A40	1993	N
		1994	N
		1995	N
Structure of SBR	PT table	1996	N
		1997	N
Field Name	Field Type	1998	N
Census State Code	S	1999	N
Industry	S		
Proprietors	N		
LT20	N		
20-99	N		
100-499	N		

N

N

N

N

APPENDIX 1

Small Business Administration (SBA) Industry Detail	79
Bureau of Economic Analysis (BEA) Industry Detail	81
Department of Defense (DoD)Regional Defense Economic Impact Modeling System (RDEIMS) Industry Detail	84

SBA Industry Detail

SIC Listings

Division A. Agriculture, Forestry and Fishing

- 01 Agricultural Production Crops
- 02 Agricultural Production Livestock and Animal Specialties
- 07 Agricultural Services
- 08 Forestry
- 09 Fishing, Hunting and Trapping

Division B. Mining

- 10 Metal Mining
- . 12 Coal Mining
- 13 Oil and Gas Extraction
- 14 Mining and Quarrying of Nonmetallic Minerals, Except Fuels

Division C. Construction

- 15 Building Construction General Contractors and Operative Builders
- 16 Heavy Construction Other than Building Construction Contractors
- 17 Construction Special Trade Contractors

Division D. Manufacturing

- 20 Food and Kindred Products
- 21 Tobacco Products
- 22 Textile Mill Products
- 23 Apparel and Other Finished Products Made from Fabrics and Similar Materials
- 24 Lumber and Wood Products, Except Furniture
- 25 Furniture and Fixtures
- 26 Paper and Allied Products
- 27 Printing, Publishing and Allied Industries
- 28 Chemicals and Allied Products
- 29 Petroleum Refining and Related Industries
- 30 Rubber and Miscellaneous Plastic Products
- 31 Leather and Leather Products
- Stone, Clay, Glass, and Concrete Products
- 33 Primary Metal Industries
- 34 Fabricated Metal Products, Except Machinery and Transportation Equipment
- 35 Industrial and Commercial Machinery and Computer Equipment
- 36 Electronic and Other Electrical Equipment and Components, Except Computer Equipment
- 37 Transportation Equipment
- Measuring, Analyzing and Controlling Instruments: Photographic, Medical and Optical Goods: Watches and Clocks
- 39 Miscellaneous Manufacturing Industries

Division E. Transportation, Communication, Electric, Gas and Sanitary Services

- 40 Railroad Transportation
- 41 Local and Suburban Transit and Interurban Highway Passenger Transportation
- 42 Motor Freight Transportation and Warehousing
- 43 United States Postal Service
- 44 Water Transportation
- 45 Transportation by Air
- 46 Pipelines, Except Natural Gas
- 47 Transportation Services

- 48 Communications
- 49 Electric, Gas and Sanitary Services

Division F. Wholesale Trade

- 50 Wholesale Trade Durable Goods
- 51 Wholesale Trade Nondurable Goods

Division G. Retail Trade

- 52 Building Materials, Hardware, Garden Supply, and Mobile Home Dealers
- 53 General Merchandise Stores
- 54 Food Stores
- 55 Automotive Dealers and Gasoline Service Stations
- 56 Apparel and Accessory Stores
- 57 Home Furniture, Furnishings and Equipment Stores
- 58 Eating and Drinking Places
- 59 Miscellaneous Retail

Division H. Finance, Insurance and Real Estate

- 60 Depository Institutions
- 61 Nondepository Credit Institutions
- 62 Security and Commodity Brokers, Dealers, Exchanges, and Services
- 63 Insurance Carriers
- 64 Insurance Agents, Brokers and Service
- 65 Real Estate
- 67 Holding and Other Investment Offices

Division I. Services

- 70 Hotels, Rooming Houses, Camps, and Other Lodging Places
- 72 Personal Services
- 73 Business Services
- 75 Automotive Repair, Services and Parking
- 76 Miscellaneous Repair Services
- 78 Motion Pictures
- 79 Amusement and Recreation Services
- 80 Health Services
- 81 Legal Services
- 82 Educational Services
- 83 Social Services
- 84 Museums, Art Galleries and Botanical and Zoological Gardens
- 86 Membership Organizations
- 87 Engineering, Accounting, Research, Management and Related Services
- 88 Private Households
- 89 Services, Not Elsewhere Classified

Division J. Public Administration

- 91 Executive, Legislative and General Government, Except Finance
- 92 Justice, Public Order and Safety
- 93 Public Finance, Taxation and Monetary Policy
- 94 Administration of Human Resource Programs
- 95 Administration of Environmental Quality and Housing Programs
- 96 Administration of Economic Programs
- 97 National Society and International Affairs

Nonclassifiable Establishments

99 Nonclassifiable Establishments

BEA Industry Detail

BEA Code Title

```
INCOME BY PLACE OF RESIDENCE
 010 TOTAL PERSONAL INCOME
 011 NONFARM PERSONAL INCOME
 012 FARM INCOME 2/
 020 POPULATION (THOUSANDS) 3/
 030 PER CAPITA PERSONAL INCOME (DOLLARS)
      DERIVATION OF TOTAL PERSONAL INCOME
 040 EARNINGS BY PLACE OF WORK
 041 LESS: PERSONAL CONT. FOR SOCIAL INSUR. 4/
 042 PLUS: ADJUSTMENT FOR RESIDENCE
 045 EQUALS: NET EARN. BY PLACE OF RESIDENCE
 046 PLUS: DIVIDENDS, INTEREST, AND RENT 6/
047 PLUS: TRANSFER PAYMENTS
       EARNINGS BY PLACE OF WORK
      COMPONENTS OF EARNINGS:
 050 WAGES AND SALARIES
 060 OTHER LABOR INCOME
 070 PROPRIETORS' INCOME 7/
 071
      FARM
      NONFARM
 072
      EARNINGS BY INDUSTRY:
 081
      FARM
 082 NONFARM
 090
      PRIVATE
 100
        AG. SERV., FOR., FISH., AND OTHER 8/
 110
         AGRICULTURAL SERVICES
 120
         FORESTRY, FISHERIES, AND OTHER 8/
         FORESTRY
 121
 122
          FISHERIES
 123
          OTHER 8/
130
       MINING
        COAL MINING
140
150
        OIL AND GAS EXTRACTION
160
        METAL MINING
        NONMETALLIC MINERALS, EXCEPT FUELS
170
180
       CONSTRUCTION
        GENERAL BUILDING CONTRACTORS
181
        HEAVY CONSTRUCTION CONTRACTORS
182
183
        SPECIAL TRADE CONTRACTORS
190
       MANUFACTURING
200
        NONDURABLE GOODS
         FOOD AND KINDRED PRODUCTS
210
         TEXTILE MILL PRODUCTS
220
230
         APPAREL AND OTHER TEXTILE PRODUCTS
         PAPER AND ALLIED PRODUCTS
240
250
         PRINTING AND PUBLISHING
         CHEMICALS AND ALLIED PRODUCTS
260
270
         PETROLEUM AND COAL PRODUCTS
280
         TOBACCO MANUFACTURES
290
         RUBBER AND MISC. PLASTICS PRODUCTS
         LEATHER AND LEATHER PRODUCTS
300
310
        DURABLE GOODS
320
         LUMBER AND WOOD PRODUCTS
330
         FURNITURE AND FIXTURES
         PRIMARY METAL INDUSTRIES
340
350
         FABRICATED METAL PRODUCTS
```

BEA Code Title

```
360
           MACHINERY, EXCEPT ELECTRICAL
  370
           ELECTRIC AND ELECTRONIC EQUIPMENT
  380
           TRANS. EQUIP. EXCL. MOTOR VEHICLES
  390
           MOTOR VEHICLES AND EQUIPMENT
  400
           ORDNANCE 9/
  410
           STONE, CLAY, AND GLASS PRODUCTS
  420
           INSTRUMENTS AND RELATED PRODUCTS
 430
           MISC. MANUFACTURING INDUSTRIES
 440
         TRANSPORTATION AND PUBLIC UTILITIES
 450
          RAILROAD TRANSPORTATION
          TRUCKING AND WAREHOUSING
 460
          WATER TRANSPORTATION
 470
          OTHER TRANSPORTATION
 480
 481
           LOCAL & INTERURBAN PASSENGER TRANSIT
 482
           TRANSPORTATION BY AIR
           PIPELINES, EXCEPT NATURAL GAS TRANSPORTATION SERVICES
 483
 484
 490
          COMMUNICATION
 500
          ELECTRIC, GAS, AND SANITARY SERVICES
 510
         WHOLESALE TRADE
         RETAIL TRADE
 520
 521
         BUILDING MATERIALS AND GARDEN EQUIPMENT
 522
         GENERAL MERCHANDISE STORES
 523
         FOOD STORES
 524
         AUTOMOTIVE DEALERS & SERVICE STATIONS
         APPAREL AND ACCESSORY STORES
 525
 526
         HOME FURNITURE AND FURNISHINGS STORES
 527
         EATING AND DRINKING PLACES
 528
         MISCELLANEOUS RETAIL
530
        FINANCE, INSURANCE, AND REAL ESTATE
540
         DEPOSITORY & NON-DEP. CREDIT INSTITUTIONS
         OTHER FINANCE, INSUR., & REAL ESTATE SECURITY & COMMODITY BROKERS & SERV.
550
552
553
          INSURANCE CARRIERS
554
          INSURANCE AGENTS, BROKERS, & SERVICES
555
          REAL ESTATE
          COMBINED REAL ESTATE, INSURANCE, ETC. 10 HOLDING & OTHER INVESTMENT COMPANIES
556
557
560
        SERVICES
570
         HOTELS AND OTHER LODGING PLACES
580
         PERSONAL SERVICES
590
         PRIVATE HOUSEHOLDS
601
         BUSINESS SERVICES
         AUTO REPAIR, SERVICES, AND GARAGES MISCELLANEOUS REPAIR SERVICES
602
603
611
         AMUSEMENT AND RECREATION SERVICES
612
         MOTION PICTURES
         HEALTH SERVICES
621
622
         LEGAL SERVICES
         EDUCATIONAL SERVICES
623
        SOCIAL SERVICES 11/
MUSEUMS, BOTANICAL, ZOOLOGICAL GARDENS
624
625
        MEMBERSHIP ORGANIZATIONS
626
        ENGINEERING AND MANAGEMENT SERVICES 12/
627
628
        MISCELLANEOUS SERVICES
630 GOVERNMENT AND GOVERNMENT ENTERPRISES
640
     FEDERAL, CIVILIAN
650
      MILITARY
660
      STATE AND LOCAL
```

Footnotes:

- 1/ 1969-74 BASED ON 1967 SIC. 1975-87 BASED ON 1972 SIC. 1988-90 BASED ON 1987 SIC.
 2/ FARM INCOME CONSISTS OF PROPRIETORS' NET FARM INCOME, THE WAGES OF HIRED FARM LABOR, THE PAY-IN-KIND OF HIRED FARM LABOR, AND THE SALARIES OF OFFICERS OF CORPORATE FARMS.
- 3/ CENSUS BUREAU MIDYEAR POPULATION ESTIMATES. 1981-89 ARE REVISED AS OF JANUARY 1992 TO REFLECT 1980 + 1990 CENSUS POPULATION COUNTS.
- 4/ PERSONAL CONTRIBUTIONS FOR SOCIAL INSURANCE ARE INCLUDED IN EARNINGS BY TYPE AND INDUSTRY BUT EXCLUDED FROM PERSONAL INCOME.
- 5/ U.S. ADJUSTMENT FOR RESIDENCE CONSISTS OF ADJUSTMENTS FOR BORDER WORKERS: INCOME OF U.S. RESIDENTS COMMUTING OUTSIDE U.S. BORDERS TO WORK LESS INCOME OF FOREIGN RESIDENTS COMMUTING INSIDE U.S. BORDERS TO WORK PLUS CERTAIN CARIBBEAN SEASONAL WORKERS.
- 6/ INCLUDES THE CAPITAL CONSUMPTION ADJUSTMENT FOR RENTAL INCOME OF PERSONS.
- 7/ INCLUDES THE INVENTORY VALUATION AND CAPITAL CONSUMPTION ADJUSTMENTS.
- 8/ "OTHER" CONSISTS OF WAGES + SALARIES OF U.S. RESIDENTS EMPLOYED BY INTL. ORG. + FOREIGN EMBASSIES + CONSULATES IN THE IL.S
- 9/ UNDER THE 1972 STANDARD INDUSTRIAL CLASSIFICATION, ORDNANCE WAS RECLASSIFIED TO FOUR 2-DIGIT INDUSTRIES: FABRICATED METAL PRODUCTS; ELECTRONIC EQUIPMENT, EXCEPT COMPUTER EQUIPMENT; TRANSPORTATION EQUIPMENT; AND INSTRUMENTS AND RELATED PRODUCTS.
- 10/ UNDER THE 1987 STANDARD INDUSTRIAL CLASSIFICATION, COMBINED REAL ESTATE, INSURANCE, ETC., WAS RECLASSIFIED TO FOUR 2-DIGIT INDUSTRIES: NONDEPOSITORY CREDIT INSTITUTIONS; INSURANCE AGENTS, BROKERS, AND SERVICES: REAL ESTATE; AND LEGAL
- 11/ THIS CATEGORY IS NEW UNDER THE 1972 STANDARD INDUSTRIAL CLASSIFICATION; THEREFORE ESTIMATES PRIOR TO 1975 DO NOT EXIST.
 12/ THIS CATEGORY IS NEW UNDER THE 1987 STANDARD INDUSTRIAL CLASSIFICATION; THEREFORE ESTIMATES PRIOR TO 1988 DO NOT EXIST.
- 13/ ESTIMATES FOR 1979 FORWARD REFLECT ALASKA CENSUS AREAS AS DEFINED IN THE 1980 DECENNIAL CENSUS; THOSE FOR PRIOR YEARS REFLECT ALASKA CENSUS DIVISIONS AS DEFINED IN THE 1970 DECENNIAL CENSUS. ESTIMATES FROM 1988 FORWARD SEPARATE ALEUTIAN ISLANDS CENSUS AREA INTO ALEUTIANS EAST BOROUGH AND ALEUTIANS WEST CENSUS AREA.
- 14/ FAR WEST REGION TOTALS DO NOT INCLUDE ALASKA AND HAWAII.
- 15/ CIBOLA, NM WAS SEPARATED FROM VALENCIA IN JUNE 1981, BUT IN THESE ESTIMATES, VALENCIA INCLUDES CIBOLA THROUGH THE END OF
- 16/ LA PAZ COUNTY, AZ WAS SEPARATED FROM YUMA COUNTY ON JANUARY 1, 1983.
- E THE ESTIMATE SHOWN HERE CONSTITUTES THE MAJOR PORTION OF THE TRUE ESTIMATE.
- (D) NOT SHOWN TO AVOID DISCLOSURE OF CONFIDENTIAL INFORMATION (L) LESS THAN \$50,000. ESTIMATES ARE INCLUDED IN TOTALS.
- N/A DATA NOT AVAILABLE FOR THIS YEAR. REGIONAL ECONOMIC INFORMATION SYSTEM

DoD RDEIMS Industry Detail

RDEIM		Caramanahia DEINAC
ORDER Numbe		Comparable DEIMS Order Numbers
Itallibe	industrial sector	
R1	Agricultural Products	1 - 11
R3	Forestry and Fishery Products	12 - 13
R4	Agricultural, Forestry, and Fishery Services	14
R5	Iron Ore Mining	15
R6	Nonferrous Metal Mining	16 - 17
R7	Coal Mining	18 19 - 20
R8	Crude Petroleum and Natural Gas	21
R9	Stone and Clay Mining and Quarrying	22
R10 R11	Chemical Fertilizer Mineral Mining New Construction	23 - 46
R12	Maintenance and Repair Construction	47 - 49
R13	Ordnance and Accessories	50 - 55
R14	Food and Kindred Products	56 - 99
R15	Tobacco Manufacturers	100 - 103
R16	Fabric Yarn and Thread Mills	104 - 107
R17	Miscellaneous Textile Goods	108 - 111
R18	Apparel	112 - 114
R19	Miscellaneous Fabricated Textile Products	115 - 116
R20	Lumber and Wood Products	117 - 129
R21	Wood Containers	130
R22	Household Furniture	131 - 136
R23	Other Furniture and Fixtures	137 - 143
R24	Paper and Allied Products	144 - 154
R25	Paperboard Containers and Boxes	155
R26	Printing and Publishing	156 - 167
R27	Chemicals and Chemical Products	168 - 77
R28	Plastics and Synthetic Materials	178 - 181
R29	Drugs, Cleaning, and Toiletry Preparations	182 - 186
R30	Paints and Allied Products	187
R31	Petroleum Refining and Related Products	188 - 192
R32	Rubber and Miscellaneous Plastic Products	193 - 198
R33	Leather Tanning and Finishing	199
R34	Footwear and Other Leather Products	200 - 204
R35	Glass and Glass Products	205 - 206
R36	Stone and Clay Products	207 - 222 223 - 231
R37	Primary Ferrous Metals	232 - 245
R38 R39	Nonferrous Metals Metal Containers	246 - 247
R40	Fabricated Structural Metal Products	248 - 256
R41	Screw Machine Products and Stampings	257 - 259
	Other Fabricated Metal Products	260 - 270
R43	Engines and Turbines	271 - 272
R44	Farm and Garden Machinery	273 - 274
	Construction and Mining Machinery	275 - 277
	Materials-Handling Machinery and Equipment	278 - 281
	Metalworking Machinery and Equipment	282 - 287
	made in a minima made in a minima and a minima made in a minima made in a minima made in a minima and a minim	 .

RDEIMS ORDER Number		Comparable DEIMS Order Numbers
R48	Special Industry Machinery	28 8 - 2 9 3
R49	General Industry Machinery	294 - 300
R50	Miscellaneous Nonelectrical Machinery	301 - 302
R51	Office, Computing, and Accounting Machinery	303 - 306
R52	Service Industry Machines	307 - 311
R53	Electrical Machinery	312 - 319
R54	Household Appliances	320 - 326
R55	Electrical Lighting and Wiring	327 - 329
R56	Radio, TV, and Communication Equipment	330 - 333
R5 7	Electronic Components and Accessories	334 - 340
R58	Miscellaneous Electrical Machinery and Equipment	341 - 345
R59	Motor Vehicles and Equipment	346 - 350
R60	Aircraft and Parts	351 - 353
R61	Other Transportation Equipment	354 - 360
R62	Instruments and Supplies	361 - 366
R63	Optical, Ophthalmic, and Photographic Equipment	367 - 369
R64	Miscellaneous Manufacturing	370 - 379
R65	Transportation and Warehousing	380 - 386
R66	Communication Except Radio and TV	387
R6 7	Radio and TV Broadcasting	388
R68	Utilities	389 - 391
R69	Wholesale and Retail Trade	392 - 393
R70	Finance and Insurance	394 - 396
R71	Real Estate and Rentals	397 - 398
R72	Personal Services, Except Automotive	399 - 401
R73	Business Services	402 - 414
R74	Eating and Drinking Places	415
	Automotive Repair and Service	416 - 417
R 77	Miscellaneous Services	418 - 426

APPENDIX 2

Estimates of Small Business Employment Including Proprietors and the Share of Small Business Employment by State and Industry, 1990	89
Note: For the content of industries listed in this database see Table 2.1.	

20-99

100-499

Less Than 500

Over 500

Total Jobs

Less Than 20

Proprietors

26 Small Business

16,623,979

12,920,861

65,715,676

42,197,144

108,975,516

Note. Due to data suppressions made to avoid disclosure, the subtotals do not necessarily add up to totals. In most cases these discrepancies are not large.

18,790,223

36,317,008

All Industries

•	

1	<u>Proprietors</u>	Less Than 20	. <u>20-99</u>	<u> 100-499</u>	Less Than 500	Over 500	Total Jobs	% Small Business
Agri. Serv., Forest., Fish., & Other								
Mining	j	ì	ì	ľ	i	1	ì	
Construction	1,464,352	3,204,086	1,362,607	663,307	5,230,200	525,408	5,755,608	90 87 %
Food & Kindred Products	143,032	202,339	156,450	245,275	604,064	1,096,468	1,700,532	35.52 %
Fextile Mill Products	24,825	36,672	51,127	96,015	183,814	412,149	595,963	30.84 %
Apparel & Other Textile Products	24,610	100,515	236,071	257,839	594,425	416,446	1,010,871	58.80 %
Lumber & Wood Products (exc. Furniture)	142,214	279,915	183,057	146,284	609,256	235,735	844,991	72.10 %
Furniture & Fixtures	19,906	60,381	92,549	107,598	260,528	250,887	511,415	50.94 %
Paper & Allied Products	635	12,059	52,651	76,349	141,059	325,978	467,037	30.20 %
Printing & Publishing	92,101	344,159	320,007	262,855	927,021	786,432	1,713,453	54.10 %
Chemicals & Allied Products	9,038	40,128	69 .2 15	94,611	203,954	827,160	1,031,114	19.78 %
Petroleum & Coal Products	98	1,121	2,002	3,233	6,356	40,909	47,265	13 45 %
Rubber & Misc. Plastic Products	731	44,429	152,966	206,854	404,249	488,715	892,964	45.27 %
Stone, Clay, Glass & Concrete Products	60,210	108,395	95,751	86,490	290,636	292,755	583,391	49.82 \$
Primary Metal Industries	21,533	38,220	63,860	106,814	208,894	448,467	657,361	31.78 \$
Fabricated Metal Products (exc. mach.)	11,400	157,781	358,592	326,074	· ·	676,970	1,519,417	55.45 %
Machinery, Computer Egpmnt (exc. elect)	36,864	259,537	380,031	322,268	1 1	1,152,152	2,113,988	45.50 \$
Electric & Electronic Equipment	8,851	60,155	160,682	242,104		1,143,425	1,606,366	28 82 9
Trans. Egpmnt., Incl. Motor Vehicles	68,113	97,592		110,763		1,375,282	1,655,556	16 93 9
Instruments & Related Products	612	32,458	78,721	110,541	221,720	725,746	947,466	23.40 9
Misc. Manufacturing Industries	45,742	108,810	98,606	80,923	288,339	117,618	405,957	71.03 9
Transportation & Warehousing	37,800	80,307	45,676	34,421	160,404	55,688	216,092	74.23 9
Communication	57,697	116,488	97,004	78,948	292,440	1,114,653	1,407,093	20.78
Electric, Gas & Sanitary Service	32,515	56,395	38,037	35,195	129,627	514,313	643,940	20.13 9
Wholesale & Retail Trade (exc. cating)	2,298,970	υ,239, 38 6	3,308,363	1,856,779	11,404,528	7,680,285	19,084,813	59.76
Eating & Drinking Places	292,500	1,638,710	2,056,559	964,427	4,659,696	2,209,598	6,869,294	67.83
Finance & Insurance	1.014,982	1,472,862			2,432,000	2,877,485	5,309,485	45.80
Real Estate & Rentals	2,426,322	3,024,482	•		3,597,254	209,587	3,806,841	94.49
Personal Services	1,070,081	1,653,422	1			1		88.64
Business Services	1,645,309	2,534,677	1					65.97
Automotive Repairs & Services	369,294	1	1	1	1	•		87.00
Miscellaneous Services	1,562,875	1 '	1	1				61.08
All Industries	12,983,212	1	1	1	1	1	1	60.07

	Proprietors	LT20	20-99	100-499	LT500	OVER500	Total Jobs	% Small Business
ALABAMA	199,991	379,671	175,247	134,033	688,951	511,630	1,200,581	57.4 %
ALASKA	5,314	11,609	7,105	7,329	26,043	8,027	34,070	76.4 %
ARIZONA	150,965	283,384	135,287	89,247	507,918	352,701	860,619	59.0 %
ARKANSAS	72,680	112,832	44,792	41,569	199,193	170,982	370,175	53.8 %
CALIFORNIA	2,210,173	4,296,850	2,127,022	1,557,886	7,981,758	4,744,379	12,726,137	62.7 %
COLORADO	190,331	313,505	126,528	73,387	513,420	260,947	774,367	66.3 %
CONNECTICUT	168,318	337,712	168,934	125,620	632,266	456,763	1,089,029	58.1 %
DELAWARE	12,700	23,582	13,160	8,762	45,504	23,589	69.093	65.9 %
DISTRICT OF COLUMBIA	12,909	25,797	21,135	17,857	64,789	51,542	116,331	55.7 %
FLORIDA	721,839	1,446,852	628,477	401,603	2,476,932	1,439,117	3,916,049	63.3 %
GEORGIA	305,231	625,358	309,412	234,970	1,169,740	991,925	2,161,665	54.1 %
HAWAII	22,629	47,537	29,321	20,534	97,392	34,461	131,853	73.9 %
IDAHO	25,429	44,686	16,592	12.754	74,032	28,646	102,678	72.1 %
ILLINOIS	711,235	1,469,388	795,086	657,103	2,921,577	2,050,142	4,971,719	58.8 %
INDIANA	257,761	537,792	298,368	235,369	1,071,529	799,087	1,870,616	57.3 %
IOWA	140,566	262,625	115,308	73,514	451,447	279,166	730,613	61.8%
KANSAS	125,579	206,976	85,800	63,779	356,555	201,030	557,585	63.9 %
KENTUCKY	84,745	141,024	73,231	61,344	275,599	202,785	478,384	57.6 %
LOUISIANA	98,826	185,444	96,724	75,518	357,686	217,119	574,805	62.2 %
MAINE	31,332	53,283	24,205	19,345	96,833	24,747	121,580	79.6 %
MARYLAND	225,304	471,602	260,722	185,194	917,518	560,068	1,477,586	62.1 %
MASSACHUSETTS	359,582	707,033	359,801	263,831	1,330,665	901,028	2,231,693	59.6 %
MICHIGAN	278,709	641,621	430,353	305,064	1,377,038	1,160,312	2,537,350	54.3 %
MINNESOTA	240,121	487,082	259,282	185,396	931,760	608,003	1,539,763	60.5 %
MISSISSIPPI	101.594	151,729	51,388	50.880	253,997	171,052	425,049	59.8 %
MISSOURI	241,211	411,319	178,355	131,051	720,725	528,801	1,249,526	57.7 %
MONTANA	5,671	19,163	11,452	3,725	34,340	11,007	45,347	75.7 %
NEBRASKA	59,919	128,069	66,737	39,434	234,240	147,579	381,819	61.3 %
NEVADA	33,459	58,232	27,694	15,200	101,126	34,205	135,331	74.7 %
NEW HAMPSHIRE	40,147	66,400	31,444	19,807	117,651	61,493	179,144	65.7 %
NEW JERSEY	392,672	846,949	444,727	331,291	1,622,967	1,091,847	2,714,814	59.8 %
NEW MEXICO	38,729	63,380	24,886	16,300	104,566	25,816	130,382	
NEW YORK	1,137,819	2,478,486	1,219,423	1,033,027	4,730,936	3,132,739	7,863,675	60.2 %
NORTH CAROLINA	311,142	644,608	318,595	262,517	1,225,720	983,967	2,209,687	55.5 %
NORTH CAROLINA NORTH DAKOTA	9,578	19,109	10,854	6,107	36,070	8,205	44,275	81.5 %
OHIO	641,719	1,315,526	721,956	583,120	2,620,602	2,004,834	4,625,436	
OKLAHOMA	115,285	227,207	94,599	73,021	394,827	2,004,834	641,228	
OREGON	180,323	342,633	152,154	109,434	604,221	233,868	838,089	
			777,140	669,409	2,923,469	2,042,320	4,965,789	
PENNSYLVANIA RHODE ISLAND	713,573	1,476,920 43,829	32,265	26,791	102,885	49,406	152,291	
SOUTH CAROLINA			117,507	,		472,631	936,853	
	119,163	242,550		104,165	464,222		39,057	
SOUTH DAKOTA	3,594	12,400	9,835	5,250 174,992	27,485	11,572	1,488,293	
TENNESSEE	225,034	442,816	223,864	,	841,672	646,621		
TEXAS	791,647	1,549,088	721,419	563,318	2,833,825	2,118,370	4,952,195	
UTAH	42,707	70,648	39,970	31,425	142,043	79,212	221,255	
VERMONT	10,424	20,160	12,225	8,213	40,598	10,012	50,610	
VIRGINIA	420,985	724,166	287,365	208,183	1,219,714	799,188	2,018,902	
WASHINGTON	372,982	718,009	311,318	208,694	1,238,021	495,760	1,733,781	
WEST VIRGINIA	52,218	106,880	46,323	27,271	180,474	76,269	256,743	
WISCONSIN	246,080	520,393	298,826	219,987	1,039,206	636,811	1,676,017	
WYOMING	3,952	9,568	5,854	2,556	17,978	4,244	22,222	t .
UNITED STATES (sum of states)	12,983,212	25,823,482	12,840,067	9,776,176	48,439,725	32,202,426	80,642,151	60.1 %

1	Proprietors	Less Than 20	<u>20-99</u>	<u>100-499</u>	Less Than 500	Over 500	Total Jobs	% Small Business
Agri. Serv., Forest., Fish., & Other								
Mining							j	
Construction		i						
Food & Kindred Products	106	551	916	1,890	3,357	3,519	6,876	48.82 %
Textile Mill Products	37	157	452	1,934	2,543	2,840	5,383	47.24 %
Apparel & Other Textile Products				•				
Lumber & Wood Products (exc. Furniture)	2,750	5,449	3,529	3,151	12,129	3,261	15,390	78.81 %
Furniture & Fixtures	·]	·	,	·			·	
Paper & Allied Products								
Printing & Publishing	410	1,656	1,536	2,030	5,222	1,176	6,398	81.62 %
Chemicals & Allied Products		<i>'</i>	·					
Petroleum & Coal Products			i				•	
Rubber & Misc. Plastic Products								
Stone, Clay, Glass & Concrete Products			1		\ \		ł	
Primary Metal Industries			ľ		ł			
Fabricated Metal Products (exc. mach.)			ĺ		\			
Machinery, Computer Eqpmnt (exc. elect.)	629	1,254	1,102	902	3,258	1,257	4,515	72.16%
Electric & Electronic Equipment	57	222	434	723	·	6,378	7,757	17.78 %
Trans. Egpmnt., Incl. Motor Vehicles								
Instruments & Related Products							l '	
Misc. Manufacturing Industries					ŀ	1	1	
Transportation & Warehousing							<u>'</u>	
Communication		Į					1	
Electric, Gas & Sanitary Service			1		Į.		,	
Wholesale & Retail Trade (exc. eating)				Į				
Eating & Drinking Places	1,957	10,264	12,296	6,118	28,678	2,536	31,214	91 88 9
Finance & Insurance	· ·		·	1	ł	ļ		
Real Estate & Rentals	13,238	15,667	606	222	16,495	54	16,549	99.67 9
Personal Services	· ·	ĺ		,		1	1	
Business Services	9,142	12,761	2,929	2,102	17,792	3,259	21,051	84.52 9
Automotive Repairs & Services	3,006		405	273	5,980	467	6,447	92.76
Miscellaneous Services	<u> </u>	1				1	ŀ	
All Industries	31,332	53,283	24,205	19,345	96,833	24,747	121,580	79.65

NEW HAMPSHIRE Page 4

	Proprietors	Less Than 20	<u>20-99</u>	<u>100-499</u>	Less Than 500	Over 500	Total Jobs	% Small Business
Agri. Serv., Forest., Fish., & Other								
Mining								
Construction			\					
Food & Kindred Products								
Textile Mill Products	Į							
Apparel & Other Textile Products	57	298	533	539	1,370	U	1,370	100.00 %
Lumber & Wood Products (exc. Furniture)	2,751	3,964	1,696	900	6,560	646	7,206	91.04 %
Furniture & Fixtures	·					1	Ť	
Paper & Allied Products			ļ					
Printing & Publishing	955	2,587	1,824	2,631	7,042	1,958	9,000	78.24 %
Chemicals & Allied Products	1,184	1,303	157	97	1,557	606	2,163	71.98 %
Petroleum & Coal Products	,	,			ļ		Í	
Rubber & Misc. Plastic Products	11	339	929	1,338	2,606	6,293	8,899	29.28 %
Stone, Clay, Glass & Concrete Products	787	1,066	644	76	1,786	1,030	2,816	63.42 %
Primary Metal Industries		,					,	
Fabricated Metal Products (exc. mach.)	91	1,121	1,316	1,698	4,135	2,829	6,964	59.38 %
Machinery, Computer Eqpmnt (exc. elect.)	336	1,782	2,220	1,831	5,833	13,270	19,103	30.53 %
Electric & Electronic Equipment	580	1,214	1,501	2,053	4,768	7,767	12,535	38.04 %
Trans. Eqpmnt., Incl. Motor Vehicles								
Instruments & Related Products	6	362	964	1,558	2,884	10,779	13,663	21.11 %
Misc. Manufacturing Industries								
Transportation & Warehousing					ļ			
Communication	177	487	805	129	1,421	3,932	5,353	26.55 %
Electric, Gas & Sanitary Service								
Wholesale & Retail Trade (exc. eating)		'			l)		}
Eating & Drinking Places	1,585	9,074	12,347	2,915	24,336	6,235	30,571	79.60 %
Finance & Insurance				ļ	ļ	l		Į.
Real Estate & Rentals	11,873	14.865	1,287	749	16,901	171	17,072	99.00 %
Personal Services	6,368	9,655	814	842		593	11,904	95.02 %
Business Services	13,386	18,283	4,407	2,451	25,141	5,384	30,525	82.36 %
Automotive Repairs & Services								
Miscellaneous Services			l	ļ		ļ	ļ	ļ
All Industries	40,147	66,400	31,444	19,807	117,651	61,493	179,144	65.67 %

VERMONT Page 5

	<u>Proprietors</u>	Less Than 20	<u>20-99</u>	100-499	Less Than 500	Over 500	Total Jobs	% Small Business
Agri. Serv., Forest., Fish., & Other								
Mining			1					
Construction		[ļ		ļ	
Food & Kindred Products	240	658	664	1,073	2,395	1,382	3,777	63.41 %
Textile Mill Products								
Apparel & Other Textile Products								
Lumber & Wood Products (exc. Furniture)	2,503	3,464	892	1,045	5,401	412	5,813	92.91 %
Furniture & Fixtures			ł					
Paper & Allied Products	ļ				1			
Printing & Publishing	518	1,409	1,292	1,599	4,300	1,411	5,711	75.29 %
Chemicals & Allied Products				•			ľ	
Petroleum & Coal Products								
Rubber & Misc. Plastic Products	6	7.1	549	470	1,093	502	1,595	68 53 %
Stone, Clay, Glass & Concrete Products								
Primary Metal Industries								
Fabricated Metal Products (exc. mach.)								
Machinery, Computer Eqpmnt (exc. elect.)	360	727	807	1,158	2,692	2,114	4,806	56 01 %
Electric & Electronic Equipment								T:
Trans. Eqpmnt., Incl. Motor Vehicles								
Instruments & Related Products					!			
Misc. Manufacturing Industries					ł			
Transportation & Warehousing					į.			
Communication	ļ			1		ļ	ļ	
Electric, Gas & Sanitary Service								
Wholesale & Retail Trade (exc. eating)		'				i:		
Eating & Drinking Places	632	5,578	6,598	2,086	14,262	2,929	17,191	82.96 %
Finance & Insurance							1	
Real Estate & Rentals						ļ		ļ
Personal Services							1	Ì
Business Services	6,165	8,250	1,423	782	10,455	1,262	11,717	89.23 %
Automotive Repairs & Services					1			
Miscellaneous Services								1
All Industries	10,424	20,160	12,225	8,213	40,598	10,012	50,610	80.22 %

20-99

Less Than 20

Proprietors

Less Than 500

100-499

Over 500

Total Jobs

80.22 %

% Small Business

12.225

8,213

40,598

10,012

50,610

Note: Due to data suppressions made to avoid disclosure, the subtotals do not necessarily add up to totals. In most cases these discrepancies are not large.

10,424

20,160

2

Agri. Serv., Forest., Fish., & Other

Miscellaneous Services

All Industries

Mining

MASSACHUSETTS Page 6

	Proprietors	Less Than 20	<u>20-99</u>	100-499	Less Than 500	Over 500	<u>Total Jobs</u>	% Small Business
Agri. Serv., Forest., Fish., & Other								
Mining	}	ì	ì		1	ì	Ì	
Construction	62,490	118,116	31,167	10,255	159,538	11,152	170,690	93.47 %
Food & Kindred Products	233	2,040	5,386	5,839	13,265	11,314	24,579	53.97 %
Textile Mill Products	14,743	15,334	2,687	4,450	22,471	9,098	31,569	71.18 %
Apparel & Other Textile Products	705	2,330	5,809	6,575	14,714	6,713	21,427	68.67 %
Lumber & Wood Products (exc. Furniture)	1,108	3,063	1,814	485	5,362	492	5,854	91.60 %
Furniture & Fixtures	593	1,795	2,077	1,448	5,320	629	5,949	89.43 %
Paper & Allied Products	26	534	3,680	6,268	10,482	12,545	23,027	45.52 %
Printing & Publishing	2,665	10,019	11,633	10,415	32,067	27,517	59,584	53.82 %
Chemicals & Allied Products	411	1,410	2,679	2,565	6,654	10,397	17,051	39.02 %
Petroleum & Coal Products	ſ	ľ	i			ľ	ľ	
Rubber & Misc. Plastic Products	21	1,641	6,412	7,367	15,420	12,883	28,303	54 48 %
Stone, Clay, Glass & Concrete Products	2,587	3,718	2,333	1,254	7,305	6,218	13,523	54.02 %
Primary Metal Industries	28	838	2,336	3,256	6,430	8,998	15,428	41.68 %
Fabricated Metal Products (exc. mach.)	605	5,593	12,427	7,003	25,023	15,428	40,451	61.86 %
Machinery, Computer Eqpmnt (exc. elect.)	2,110	9,045	12,360	11,416	32,821	48,077	80,898	40.57 %
Electric & Electronic Equipment	494	2,830	7,413	13,562	23,805	51,731	75,536	31.51 %
Trans. Eqpmnt., Incl. Motor Vehicles	Į						Į	
Instruments & Related Products	20	1,977	6,012	7,602		57,700	73,291	21 27 %
Misc. Manufacturing Industries	1,407	3,518	4,416	3,505	[11,439	10,159	21,598	52.96 %
Transportation & Warehousing							į į	
Communication	1,738	2,704	2,686	1,059		32,264	38,713	16.66%
Electric, Gas & Sanitary Service	1,751	2,450	920	1,021	4,391	20,123	24,514	17.91 %
Wholesale & Retail Trade (exc. eating)	65,727	192,717	106,120	57,541		258,761	615,139	57.93 %
Eating & Drinking Places	6,674	43,777	62,138	22,372	1	50,271	178,558	71.85 %
Finance & Insurance	40,636	57,960	19,489	29,337	106,786	143,361	250,147	42.69 %
Real Estate & Rentals	59,158	73,124	9,049	8,935	1	\ '	96,185	94 72 %
Personal Services	28,590	46,467	6,063	3,355	1	•	61,808	90.42 %
Business Services	55,495	80,685	28,669	34,669	1		224,663	64.11 %
Automotive Repairs & Services	9,567	23,348	4,026	2,277	29,651	3,557	33,208	89.29 %
Miscellaneous Services]]	
All Industries	359,582	707,033	359,801	263,831	1,330,665	901,028	2,231,693	59.63 %

	<u>Proprietors</u>	Less Than 20	<u>20-99</u>	<u>100-499</u>	Less Than 500	Over 500	Total Jobs	% Small Business
Agri. Serv., Forest., Fish., & Other								
Mining	·	İ	ļ				į.	
Construction								
Food & Kindred Products							ł	
Textile Mill Products	24	313	1,608	2,669	4,590	3,559	8,149	56.33 %
Apparel & Other Textile Products			·	·	· ·	·	·	
Lumber & Wood Products (exc. Furniture)								
Furniture & Fixtures	ĺ		l			Į	į	
Paper & Allied Products	}					1		
Printing & Publishing	654	1,737	1,777	830	4,344	3,023	7,367	58.97 %
Chemicals & Allied Products	·	, -	´		'	,	<i>'</i>	
Petroleum & Coal Products			l l					
Rubber & Misc. Plastic Products]]					
Stone, Clay, Glass & Concrete Products						1		
Primary Metal Industries	38	382	467	779	1,628	4,168	5,796	28.09 %
Fabricated Metal Products (exc. mach.)	66	1,883	3,255	2,317	7,455	6,354	13,809	53.99 %
Machinery, Computer Eqprint (exc. elect.)	283	1,485	1,450	1,324		1,964	6,223	68.44 %
Electric & Electronic Equipment	67	274	411	1,997		3,098	5,780	46 40 %
Trans. Egpmnt., Incl. Motor Vehicles				•	·		ŕ	
Instruments & Related Products	8	238	399	1,154	1,791	5,352	7,143	25 07 %
Misc. Manufacturing Industries	480	3,960	6,393	6,150	16,503	9,246	25,749	64.09 %
Transportation & Warehousing								
Communication								1
Electric, Gas & Sanitary Service			·					
Wholesale & Retail Trade (exc. cating)						ł		
Eating & Drinking Places	1,585	8,487	10,777	2,923	22,187	5,624	27,811	79.78 %
Finance & Insurance		Į				l	l	
Real Estate & Rentals	5,898	7,993	801	2,048	10,842	134	10,976	98.78 %
Personal Services	4,658		653				9,655	91.25 %
Business Services	5,555		4,274	4,290	1		23,833	74.66 %
Automotive Repairs & Services	,			<u> </u>	<u> </u>	<u> </u>		ì
Miscellaneous Services				\		1		
All Industries	19,316	43, 82 9	32,265	26,791	102,885	49,406	152,291	67.56 %

Note: Due to data suppressions made to avoid disclosure, the subtotals do not necessarily add up to totals. In most cases these discrepancies are not large.

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Over 500

Total Jobs

% Small Business

Less Than 500

Agri. Serv., Forest., Fish., & Other								·
Mining								
Construction	'		•					
Food & Kindred Products	100	847	1,210	2,084	4,141	5,956	10,097	41.01%
Textile Mill Products						j		
Apparel & Other Textile Products				'				
Lumber & Wood Products (exc. Furniture)	3,522	4,545	1,136	724	6,405	υ	6,405	100.00 %
Furniture & Fixtures			į	[ļ		
Paper & Allied Products		[ĺ					
Printing & Publishing	1,062	5,162	6,897	7,085		12,595	31,739	60.32 %
Chemicals & Allied Products	268	828	1,197	1,221	3,246	20,814	24,060	13.49 %
Petroleum & Coal Products	ł	Į	ļ	Į.				
Rubber & Misc. Plastic Products	20	846	2,800	2,642		5,792	12,080	
Stone, Clay, Glass & Concrete Products	756	1,384	1,324	1,201	3,909	923	4,832	
Primary Metal Industries	33	545	1,402	3,856	5,803	5,698	11,501	50.46 %
Fabricated Metal Products (exc. mach.)	329	4,415	10,317	9,726	24,458	14,224	38,682	63.23 %
Machinery, Computer Eqpmnt (exc. elect.)	1,407	7,356	7,602	7,533	22,491	29,875	52,366	
Electric & Electronic Equipment	334	1,660	4,907	6,167	12,734	22,130	34,864	36.52 %
Trans. Eqpmnt., Incl. Motor Vehicles			ì	ì		1	ì	
Instruments & Related Products	20	824	2,917	3,452	7,193	17,411	24,604	1
Misc. Manufacturing Industries	1,878	3,118	1,855	1,024	5,997	4,284	10,281	58.33 %
Transportation & Warehousing			1	1	į	l	Į	
Communication	791	1,443	2,315	5 1,455	5,213	18,623		
Electric, Gas & Sanitary Service	1,779	2,329	470	1,288	4,087	11,669		
Wholesale & Retail Trade (exc. cating)	38,275	109,949	59,915	31,101	200,965	135,834	336,799	59 67 %
Eating & Drinking Places	4,281	25,109	27,566	7,529	60,204	21,518	81,722	
Finance & Insurance	21,285	31,226	10,354	14,166	55,746	93,530	149,276	37.34 %
Real Estate & Rentals	46,777	55,200	3,032	2,838	61,070	1,923	62,993	96.95 %
Personal Services	12,863	24,375	4,30	607	29,285	2,909	32,194	90.96 %
Business Services	29,526	45,509	15,900	5 18,673	80,088	29,689	109,777	72.96 %
Automotive Repairs & Services	3,012	11,042	1,509	9 1,248	13,799	1,366	15,165	90.99 %
Miscellaneous Services			1		ì			
All Industries	168,318	337,71	2 168,93	4 125,620	632,266	456,763	1,089,029	58.06 %
	1		1	1	1	1	1	1

<u> 20-99</u>

100-499

Note: Due to data suppressions made to avoid disclosure, the subtotals do not necessarily add up to totals. In most cases these discrepancies are not large.

97

Proprietors

Less Than 20

14	-
v	
0	£

	<u>Proprietors</u>	Less Than 20	<u>20-99</u>	<u>100-499</u>	Less Than 500	Over 500	Total Jobs	% Small Business
Agri. Serv., Forest., Fish., & Other							·	
Mining				ĺ				
Construction	108,017	248,669	98,455	45,530	392,654	22,395	415,049	94.60 %
Food & Kindred Products	802	5,373	10,807	12,509	28,689	36,312	65,001	44.14 %
Textile Mill Products	307	3,173	9,268	5,398	17,839	4,339	22,178	80.44 %
Apparel & Other Textile Products	4,770	22,981	56,414	26,988	106,383	14,610	120,993	87.92 %
Lumber & Wood Products (exc. Furniture)	3,016	7,590	7,018	3,271	17,879	2,608	20,487	87.27 %
Furniture & Fixtures	484	4,370	7,270	7,123	18,763	5,573	24,336	77.10 %
Paper & Allied Products	59	1,645	7,554	11,434	20,633	21,069	41,702	49.48 %
Printing & Publishing	8,639	31,086	32,869	27,281	91,236	94,598	185,834	49.10 %
Chemicals & Allied Products	388	2,443	5,038	7,767	15,248	52,587	67,835	22.48 %
Petroleum & Coal Products				·			l	
Rubber & Misc. Plastic Products	31	2,440	9,340	10,563	22,343	14,213	36,556	61.12%
Stone, Clay, Glass & Concrete Products	5,848	8,729	4,872	3,551	17,152	15,388	32,540	52.71 %
Primary Metal Industries	87	1,087	3,331	4,469	8,887	15,996	24,883	35.72 %
Fabricated Metal Products (exc. mach.)	493	10,017	20,157	18,761	48,935	19,980	68,915	71.01 %
Machinery, Computer Eqpmnt (exc. elect.)	4,248	15,349	17,887	14,000		73,274	120,510	39.20 %
Electric & Electronic Equipment	374	4,639	12,331	23,107	40,077	72,814	112,891	35.50 %
Trans. Eqpmnt., Incl. Motor Vehicles	294	1,919	3,163	5,042	10,124	44,441	54,565	18.55 %
Instruments & Related Products	45	2,629	7,201	11,526	21,356	109,777	131,133	16.29 %
Misc. Manufacturing Industries	3,746	12,465	15,890	10,919	39,274	10,075	49,349	79. 58 %
Transportation & Warehousing	3 7,8 00	80,307	45,676	34,421	160,404	55,688	216,092	74.23 %
Communication	2,892	5,577	6,286	7,630	19,493	112,392	131,885	14.78 %
Electric, Gas & Sanitary Service			1					
Wholesale & Retail Trade (exc. eating)	183,626	556,656	282,792	145,081	984,529	563,284	1,547,813	63.61 %
Eating & Drinking Places	20,987	129,698	121,129	43,353	294,180	100,323	394,503	74.57 %
Finance & Insurance	108,378	158,480	52,171	76,522	287,173	480,771	767,944	37.40 %
Real Estate & Rentals	97,116	175,954	35,563	19,760	231,277	19,441	250,718	92.25 %
Personal Services	82,176	125,134	15,499	7,973	148,606	11,353	159,959	92.90 %
Business Services	116,390	191,915	81,976	100,758	374,649	200,272		65.17 %
Automotive Repairs & Services	17,414	52,792	8,340	4,203	65,335		1	l .
Miscellaneous Services	329,392	615,369	241,126	344,087	1,200,582	947,686	2,148,268	
All Industries	1,137,819	2,478,486	1,219,423	1,033,027	4,730,936	3,132,739	7,863,675	60.16 %

	<u>Proprietors</u>	Less Than 20	<u>20-99</u>	<u>100-499</u>	<u>Less Than 500</u>	Over 500	Total Jobs	% Small Business
Agri. Serv., Forest., Fish., & Other								
Mining								
Construction	56,360	131,022	48,220	27,149	206,391	12,927	219,318	94.11 %
Food & Kindred Products	281	2,124	5,464	10,230	17,818	27,811	45,629	39.05 %
Textile Mill Products	197	1,608	4,889	4,096	10,593	1,229	11,822	89.60 %
Apparel & Other Textile Products	932	5,547	13,688	11,174	30,409	9,428	39,837	76.33 %
Lumber & Wood Products (exc. Furniture)							1	
Furniture & Fixtures	221	1,509	3,250	2,191	6,950	2,010	8,960	77.57 %
Paper & Allied Products	30	956	3,735	6,819	11,510	12,540	24,050	47.86 %
Printing & Publishing	4,929	15,112	13,630	12,500	41,242	36,355	77,597	53.15 %
Chemicals & Allied Products	397	2,775	7,355	11,512	21,642	99,238	120,880	17.90 %
Petroleum & Coal Products						Į	Į.	
Rubber & Misc. Plastic Products	29	2,278	9,018	8,923	20,219	13,160	33,379	60 57 %
Stone, Clay, Glass & Concrete Products	1,659	3,171	4,077	3,122	10,370	13,212	23,582	43.97 %
Primary Metal Industries	52	724	2,947	2,878		9,679	16,228	40.36 %
Fabricated Metal Products (exc. mach.)	188	6,081	12,741	10,720	29,542	12,805	42,347	69.76 9
Machinery, Computer Eqpmnt (exc. elect.)	2,445	10,373	12,358	8,488	31,219	24,730	55,949	55.80 9
Electric & Electronic Equipment	225	2,666	8,862	11,196	22,724	28,756	51,480	44.14 %
Trans. Eqpmnt., Incl. Motor Vehicles	243	1,117	1,746	1,870		8,375	13,108	36.11 %
Instruments & Related Products	29	1,824	4,015	7,915	13,754	33,378	47,132	29.18 %
Misc. Manufacturing Industries	2,027	4,574	5,922	5,081	15,577	3,976	19,553	79.67 %
Transportation & Warehousing				ļ		Ì		
Communication	1,392	2,305	1,525	2,649	6,479	62,178	68,657	9.44 9
Electric, Gas & Sanitary Service	1,390	2,581	2,087	1,228	5,896	26,828	32,724	18.02 9
Wholesale & Retail Trade (exc. eating)	86,889	256,798	142,222	85,287	484,307	352,519	836,826	57.87 9
Eating & Drinking Places	8,835	49,339	52,825	17,463	119,627	47,979	167,606	71.37 9
Finance & Insurance	40,138	58,782	19,162	21,598	99,542	155,258	254,800	39.07
Real Estate & Rentals	64,613	87,003	1	1	1	4,649	106,447	95.63
Personal Services	29,965	1		t '			72,140	89.40
Business Services	80,388					· ·	284,819	72.16
Automotive Repairs & Services	8,818						39,944	85.24
Miscellaneous Services		(1	1	[
All Industries	392,672	846,949	444,721	331,291	1,622,967	1,091,847	2,714,814	59.78

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	<u>Proprietors</u>	Less Than 20	<u>20-99</u>	<u>100-499</u>	Less Than 500	Over 500	Total Jobs	% Small Business
Agri. Serv., Forest., Fish., & Other								
Mining	ŀ					1		
Construction	89,872	191,807	75,408	36,241	303,456	31,760	335,216	90.53 %
Food & Kindred Products	529	3,804	11,169	17,704	32,677	55,101	87,778	37.23 %
Textile Mill Products	141	1,175	5,235	8,867	15,277	10,455	25,732	59.37 %
Apparel & Other Textile Products	2,195	5,761	20,858	27,450	54,069	23,978	78,047	69.28 %
Lumber & Wood Products (exc. Furniture)	3,335	9,567	8,199	6,740	24,506	9,766	34,272	71.50 %
Furniture & Fixtures	543	2,185	4,505	4,776	11,466	8,661	20,127	56.97 %
Paper & Allied Products	38	793	3,871	7,551	12,215	27,484	39,699	30.77 %
Printing & Publishing	2,656	12,400	16,271	14,694	43,365	48,232	91,597	47.34 %
Chemicals & Allied Products	98	1,864	3,685	5,146	10,695	48,406	59,101	18.10 %
Petroleum & Coal Products		,	ĺ	,	·	·		
Rubber & Misc. Plastic Products	54	2,221	9,139	10,377	21,737	20,985	42,722	50.88 %
Stone, Clay, Glass & Concrete Products	3,380	6,335	5,799	6,233	18,367	29,745	48,112	38.18 %
Primary Metal Industries	205	1,529	6,221	11,251	19,001	67,793	86,794	21.89 %
Fabricated Metal Products (exc. mach.)	541	8,316	21,515	22,138	51,969	43,385	95,354	54.50 %
Machinery, Computer Eqpmnt (exc. elect.)	856	12,565	21,940	18,057	1 · · · · · · · · · · · · · · · · · · ·	54,806	107,368	48.95 %
Electric & Electronic Equipment	322	2,898	8,347	11,083		60,170	82,498	27.06 %
Trans. Egpmnt., Incl. Motor Vehicles	178	1,158	2,880	3,654		43,438	51,130	15.04 %
Instruments & Related Products	44	1,828	4,479	7,548		27,250	41,105	33.71 %
Misc. Manufacturing Industries	1,865	4,778	4,459	3,991		10,705	23,933	55.27 %
Transportation & Warehousing		, i	,		,	, , , , , ,	,	
Communication	1,266	3,546	4,903	5,248	13,697	42,944	56,641	24 18 %
Electric, Gas & Sanitary Service	4,503	6,084	2,439			52,116	62,007	15.95 %
Wholesale & Retail Trade (exc. cating)	145,107	358,571	201,103			417,060	1,086,235	61.60 %
Eating & Drinking Places	19,447	84,836	86,402	35,897		97,509	304,644	67.99 %
Finance & Insurance	53,866	81,960	26,445			180,093	319,867	43.70 %
Real Estate & Rentals	76,399	97,985	10,893		1	7,635	125,274	93.91 %
Personal Services	62,758	90,398	9,711				118,387	88.92 %
Business Services	61,230	97,185	40,807				278,288	66.21 %
Automotive Repairs & Services	21,364	44,907	I		1		61,402	86.49 %
Miscellaneous Services	160,781	340,464	154,192		1			
All Industries	713,573	1,476,920	777,140	1			· ' '	58.87 %
1	,,,,,,	1,,,,,,,,,	[557,467]	1 2,5 .2,520	',,,,,,,,]

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Agri. Serv., Forest., Fish., & Other Mining Construction Food & Kindred Products 5277 Caypage 4,813 11,089 18,294 39,585 57,879 72,311 294 9,225 Apparel & Other Textite Products 85 1,259 2,827 2,603 6,689 7,437 14,126 Lumber & Wood Products (exc. Furniture) 1,833 5,644 5,548 1,601 2,732 3,981 8,314 8,760 17,074 Paper & Allied Products 22 991 4,240 5,411 10,642 22,302 32,944 Printing & Publishing 2,620 12,470 14,126 Chemicals & Allied Products 22 362 18,312 4,136 5,849 11,817 55,500 67,317 Petrolcum & Coal Products 22 362 718 1,077 2,157 3,886 6,043 Stone, Clay, Glass & Concrete Products 1,613 4,422 7,348 8,328 2,0098 2,7756 4,7854 Printary Metal Industries 142 1,518 6,934 1,818 2,334 6,6,73 88,716 Stone, Clay, Glass & Concrete Products 1,613 4,422 7,348 8,328 2,0098 2,7756 4,7854 Printary Metal Industries 142 1,518 6,934 1,818 1,823 1,831 6,977 1,971 1,941 1,944 1	% Small Business	Total Jobs	Over 500	Less Than 500	100-499	20-99	Less Than 20	Proprietors	
Mining									Agri. Serv., Forest., Fish., & Other
Construction 70,879 157,493 63,356 25,473 246,322 25,612 271,934 Food & Kindred Products 257 2,392 4,813 11,089 18,294 39,585 57,879 Textite Mill Products 5,104 5,388 866 1,677 7,931 1,294 9,225 Apparel & Other Textite Products 85 1,259 2,827 2,603 6,689 7,437 14,126 Lumber & Wood Products (exc. Furniture) 1,833 5,644 5,548 4,342 15,534 7,125 22,659 Furniture & Fixtures 158 1,601 2,732 3,981 8,314 8,760 17,074 Paper & Allied Products 22 991 4,240 5,411 10,642 22,302 32,944 Printing & Publishing 2,020 12,470 15,011 14,522 42,003 36,342 78,345 Chemicals & Allied Products 312 1,832 4,136 5,849 11,817 55,500 67,317 Petroleum & Coal Products 53 3,397 13,639 22,677 39,713 64,451 104,164 Stone, Clay, Glass & Concrete Products 53 3,397 13,639 22,677 39,713 64,451 104,164 Stone, Clay, Glass & Concrete Products 142 1,518 6,944 13,881 22,343 66,373 88,716 Fabricated Metal Products 267 10,460 29,638 27,881 67,979 77,955 145,934 Machinery, Computer Equint (exc. elect.) 1,161 18,601 32,685 24,859 76,145 38,601 60,006 Electric & Electronic Equipment 92 2,035 6,615 9,895 18,545 59,073 77,618 Trans Eigmmnt, Incl. Motor Vehicles 93 1,277 4,119 9,441 14,837 125,947 140,784 181,000 11,463 11		}			ì	1			1 • 1
Food & Kindred Products 2,57 2,392 4,813 11,089 18,294 39,585 57,879 1	90.58 %	271,934	25,612	246,322	25,473	63,356	157,493	70,879	1 9
Textile Mill Products	31.61 %	57,879	39,585	18,294	11,089	4,813	2,392	257	Food & Kindred Products
Lumber & Wood Products (exc. Furniture) 1,833 5,644 5,548 4,342 15,534 7,125 22,659 Furniture & Fixtures 158 1,601 2,732 3,981 8,314 8,760 17,074 7,925 22,659 7,925 7	85.97 %	9,225	1,294	7,931	1,677	866	5,388	5,104	Textile Mill Products
Lumber & Wood Products (exc. Furniture) 1,833 5,644 5,548 4,342 15,534 7,125 22,659 Furniture & Fixtures 158 1,601 2,732 3,981 8,314 8,760 17,074 Paper & Allide Products 22 991 4,240 5,411 10,642 22,302 32,944 Printing & Publishing 2,620 12,470 15,011 14,522 42,003 36,342 78,345 Chemicals & Alliced Products 132 1,832 4,136 5,849 11,817 55,500 67,317 Petroleum & Coal Products 53 3,397 13,639 22,677 39,713 64,451 104,164 Stone, Clay, Glass & Concrete Products 53 3,397 13,639 22,677 39,713 64,451 104,164 Stone, Clay, Glass & Concrete Products 1,613 4,422 7,348 8,338 20,098 27,756 47,854 Primary Metal Industries 142 1,518 6,944 13,881 22,343 66,373 88,716 Fabricated Metal Products (exc. mach.) 267 10,460 29,638 27,881 67,979 77,955 475,934 Machinery, Computer Eqpmnt (exc. elect.) 1,161 18,601 32,685 24,859 76,145 83,861 160,006 Electric & Electronic Equipment 92 2,035 6,615 9,895 18,545 59,073 77,618 Trans. Eqpmnt, Incl. Motor Vehicles 93 1,277 4,119 4,441 14,4837 125,947 140,784 Instruments & Related Products 20 1,386 3,841 5,919 11,146 20,230 31,376 Misc. Manufacturing Industries 1,657 4,330 5,047 3,878 13,255 5,046 18,301 Trans. Expmnt, Incl. Motor Vehicles 1,657 4,330 5,047 3,878 13,255 5,046 18,301 Trans. Deprint (exc. eating) 115,443 294,518 180,414 93,443 568,375 429,881 998,504 42,685 4	47.35 %	14,126	7,437	6,689	2,603	2,827	1,259	85	Apparel & Other Textile Products
Furniture & Fixtures 158 1,601 2,732 3,981 8,314 8,760 17,074 Paper & Allied Products 22 991 4,240 5,411 10,642 22,302 32,944 Printing & Publishing 2,620 12,470 15,011 14,522 42,003 36,342 78,345 Chemicals & Allied Products 132 1,832 4,136 5,849 11,817 55,500 67,317 Petroleum & Coal Products 22 362 718 1,077 2,157 3,886 6,043 Rubber & Misc. Plastic Products 53 3,397 13,639 22,677 39,713 64,451 104,164 Stone, Clay, Glass & Concrete Products 1,613 4,422 7,348 8,328 20,098 27,756 47,854 Primary Metal Industries 142 1,518 6,944 13,881 22,343 66,373 88,716 Fabricated Metal Products (exc. mach.) 267 10,460 29,638 27,881 67,979 77,955 145,934 Machinery, Computer Eqpmnt (exc. elect.) 1,161 18,601 32,685 24,859 76,145 83,861 160,006 Electrice & Electronic Equipment 92 2,035 6,615 9,895 18,545 59,073 77,618 Trans. Eqpmnt., Incl. Motor Vehicles 93 1,277 4,119 9,441 14,837 125,947 140,784 Instruments & Related Products 20 1,386 3,841 5,919 11,146 20,230 31,376 Misc. Manufacturing Industries 1,657 4,330 5,047 3,878 13,255 5,046 18,301 Transportation & Warehousing Communication & Warehousing 115,443 294,518 180,414 93,443 568,375 429,881 998,256 Eating & Drinking Places 10,934 68,580 89,436 42,211 200,227 121,515 321,742 Finance & Insurance 49,181 75,051 21,190 21,791 118,032 140,054 258,086 Real Estate & Retails 93,297 112,058 12,230 9,616 133,904 10,406 144,310 Business Services 38,389 71,738 39,058 40,823 151,619 105,012 256,631	68.56 %	22,659	7,125	15,534	4,342	5,548	5,644	1,833	1 ''
Paper & Allied Products 22 991 4,240 5,411 10,642 22,302 32,944 Printing & Publishing 2,620 12,470 15,011 14,522 42,003 36,342 78,345 132 1,832 4,136 5,849 11,817 55,500 67,317 Petroleum & Coal Products 22 362 718 1,077 2,157 3,886 6,043 Rubber & Misc. Plastic Products 53 3,397 13,639 22,677 39,713 64,451 104,164 Stone, Clay, Glass & Concrete Products 1,613 4,422 7,348 8,328 20,098 27,756 47,854 Primary Metal Industries 142 1,518 6,944 13,881 22,343 66,373 88,716 Fabricated Metal Products (exc. mach.) 267 10,460 29,638 27,881 67,979 77,955 145,934 Machinery, Computer Equipment 92 2,035 6,615 9,895 18,545 59,073 77,618 Trans. Eqpmnt., Incl. Motor Vehicles 93 1,277 4,119 9,441 14,837 125,947 140,784 13,881 13,255 5,046 18,301 Transportation & Warehousing 484 2,142 3,403 5,047 3,878 13,255 5,046 18,301 Transportation & Warehousing 484 2,142 3,403 2,760 8,305 42,685 50,990 Communication 484 2,142 3,403 4,406 6,148 43,833 49,981 42,685 50,990 Communication 484 2,142 3,403 2,760 8,305 42,685 50,990 Communic	48.69 %	17,074	8,760	8,314	3,981	2,732	1,601	1	· · · · · · · · · · · · · · · · · · ·
Printing & Publishing 2,620 12,470 15,011 14,522 42,003 36,342 78,345 Chemicals & Allied Products 132 1,832 4,136 5,849 11,817 55,500 67,317 Petroleum & Coal Products 22 362 718 1,077 2,157 3,886 6,043 Rubber & Misc. Plastic Products 53 3,397 13,639 22,677 39,713 64,451 104,164 Stone, Clay, Glass & Concrete Products 1,613 4,422 7,348 8,328 20,098 27,756 47,854 Primary Metal Industries 142 1,518 6,944 13,881 22,343 66,373 88,716 Fabricated Metal Products (exc. mach.) 267 10,460 29,638 27,881 67,979 77,955 145,934 Machinery, Computer Equipment 92 2,035 6,615 9,895 18,545 59,073 77,618 Trans. Eqpmnt., Incl. Motor Vehicles 93 1,277 4,119 9,441 14,837 125,947 140,784 Instruments & Related Products 20 1,386 3,841 5,919 11,146 20,230 31,376 Misc. Manufacturing Industries 1,657 4,330 5,047 3,878 13,255 5,046 18,301 Transportation & Warehousing 484 2,142 3,403 2,760 8,305 42,685 50,990 Electric, Gas & Sanitary Service 2,184 3,304 1,348 1,496 6,148 43,833 49,981 Wholesale & Retail Trade (exc. cating) 115,443 294,518 180,414 93,443 568,375 429,881 998,256 Eating & Drinking Places 10,934 68,580 89,436 42,211 200,227 121,515 321,742 Finance & Insurance 49,181 75,051 21,190 21,791 118,032 140,054 258,086 Real Estate & Rentals 93,297 112,058 12,230 9,616 133,904 10,406 144,310 Personal Services 38,389 71,738 39,058 40,823 151,619 105,012 256,631	32.30 %	32,944	22,302	10,642	5,411	1		22	Paper & Allied Products
Chemicals & Allied Products 132 1,832 4,136 5,849 11,817 55,500 67,317 Petroleum & Coal Products 22 362 718 1,077 2,157 3,886 6,043 Rubber & Misc. Plastic Products 53 3,397 13,639 22,677 39,713 64,451 104,164 Stone, Clay, Glass & Concrete Products 1,613 4,422 7,348 8,328 20,098 27,756 47,854 Primary Metal Industries 142 1,518 6,944 13,881 22,343 66,373 48,516 Fabricated Metal Products (exc. mach.) 267 10,460 29,638 27,881 67,979 77,955 145,934 Machinery, Computer Eqpmnt (exc. elect.) 1,161 18,601 32,685 24,859 76,145 83,861 160,006 Electric & Electronic Equipment 92 2,035 6,615 9,895 18,545 59,073 77,618 Instruments & Related Products 20 1,386 3,841 5,919 11,146 20,230 31,376 Misc. Manufacturing Industries 1,657 4,330 5,047 3,878 13,255 5,046 18,301 Trans protation & Warchousing 484 2,142 3,403 2,760 8,305 42,685 50,990 Electric, Gas & Sanitary Service 2,184 3,304 1,348 1,496 6,148 43,833 49,981 Wholesale & Retail Trade (exc. eating) 115,443 294,518 180,414 93,443 568,375 429,881 998,256 Eating & Drinking Places 10,934 68,580 89,436 42,211 200,227 121,515 321,742 Finance & Insurance 49,181 75,051 21,190 21,791 118,032 140,054 258,086 Real Estate & Rentals 93,297 112,058 12,230 9,616 133,904 10,406 144,310 Business Services 38,389 71,738 39,058 40,823 151,619 105,012 256,631	53.61 %	78,345	36,342	42,003	14,522	15,011	12,470	· · · · · · · · · · · · · · · · · · ·	, · ,
Petroleum & Coal Products 22 362 718 1,077 2,157 3,886 6,043 Rubber & Mise. Plastic Products 53 3,397 13,639 22,677 39,713 64,451 104,164 Stone, Clay, Glass & Concrete Products 1,613 4,422 7,348 8,328 20,098 27,756 47,854 47,854 Primary Metal Industries 142 1,518 6,944 13,881 22,343 66,373 88,716 Fabricated Metal Products (exc. mach.) 267 10,460 29,638 27,881 67,979 77,955 145,934 Machinery, Computer Eqpmnt (exc. elect.) 1,161 18,601 32,685 24,859 76,145 83,861 160,006 Electric & Electronic Equipment 92 2,035 6,615 9,895 18,545 59,073 77,618 77,61	17.55 %	67,317	55,500	11,817	5,849	4,136	1,832	132	, , ,
Rubber & Misc. Plastic Products 53 3,397 13,639 22,677 39,713 64,451 104,164 Stone, Clay, Glass & Concrete Products 1,613 4,422 7,348 8,328 20,098 27,756 47,854 Primary Metal Industries 142 1,518 6,944 13,881 22,343 66,373 88,716 Fabricated Metal Products (exc. mach.) 267 10,460 29,638 27,881 67,979 77,955 145,934 Machinery, Computer Eqmmt (exc. elect.) 1,161 18,601 32,685 24,859 76,145 83,861 160,006 Electric & Electronic Equipment 92 2,035 6,615 9,895 18,545 59,073 77,618 Trans. Eqmmt., Incl. Motor Vehicles 93 1,277 4,119 9,441 14,837 125,947 140,784 Instruments & Related Products 20 1,386 3,841 5,919 11,146 20,230 31,376 Misc. Manufacturing Industries 1,657 4,330 5,047 3,878 13,255 5,046 18,301 Transportation & Warehousing 484 2,142 3,403 2,760 8,305 42,685 50,990 Electric, Gas & Sanitary Service 2,184 3,304 1,348 1,496 6,148 43,833 49,981 Wholesale & Retail Trade (exc. eating) 115,443 294,518 180,414 93,443 568,375 429,881 998,256 Eating & Drinking Places 10,934 68,580 89,436 42,211 200,227 121,515 321,742 Finance & Insurance 49,181 75,051 21,190 21,791 118,032 140,054 258,086 Real Estate & Rentals 93,297 112,058 12,230 9,616 133,904 10,406 144,310 Personal Services 38,389 71,738 39,058 40,823 151,619 105,012 256,631	35.69 %	6,043	3,886	2,157	1,077				Petroleum & Coal Products
Stone, Clay, Glass & Concrete Products 1,613 4,422 7,348 8,328 20,098 27,756 47,854 Primary Metal Industries 1.42 1,518 6,944 13,881 22,343 66,373 88,716 Fabricated Metal Products (exc. mach.) 267 10,460 29,638 27,881 67,979 77,955 145,934 Machinery, Computer Eqpmnt (exc. elect.) 1,161 18,601 32,685 24,859 76,145 83,861 160,006 Electric & Electronic Equipment 92 2,035 6,615 9,895 18,545 59,073 77,618 Trans. Eqpmnt., Incl. Motor Vehicles 93 1,277 4,119 9,441 14,837 125,947 140,784 Instruments & Related Products 20 1,386 3,841 5,919 11,146 20,230 31,376 Misc. Manufacturing Industries 1,657 4,330 5,047 3,878 13,255 5,046 18,301 Transportation & Warehousing 484 2,142 3,403 2,760 8,305 42,685 50,990 Electric, Gas & Sanitary Service 2,184 3,304 1,348 1,496 6,148 43,833 49,981 Wholesale & Retail Trade (exc. eating) 115,443 294,518 180,414 93,443 568,375 429,881 998,256 Eating & Drinking Places 10,934 68,580 89,436 42,211 200,227 121,515 321,742 Finance & Insurance 49,181 75,051 21,190 21,791 118,032 140,054 258,086 Real Estate & Rentals 93,297 112,058 12,230 9,616 133,904 10,406 144,310 Personal Services 38,389 71,738 39,058 40,823 151,619 105,012 256,631	38.13 %	104,164	64,451	39,713	22,677	13,639	3,397		Rubber & Misc. Plastic Products
Fabricated Metal Products (exc. mach.) Machinery, Computer Eqpmnt (exc. elect.) Electric & Electronic Equipment 92 2,035 6,615 9,895 18,545 59,073 77,618 Trans. Eqpmnt., Incl. Motor Vehicles 93 1,277 4,119 9,441 14,837 125,947 140,784 183,016 Instruments & Related Products Misc. Manufacturing Industries 1,657 4,330 5,047 3,878 13,255 5,046 18,301 Transportation & Warehousing Communication Electric, Gas & Sanitary Service Wholesale & Retail Trade (exc. eating) Eleting & Drinking Places 1,093 1,277 4,119 9,441 14,837 125,947 140,784 13,010 Elettric, Gas & Sanitary Service 2,184 3,304 1,348 1,496 6,148 43,833 49,981 13,000 Elettric, Gas & Sanitary Service 2,184 3,304 1,348 1,496 6,148 43,833 49,981 115,443 294,518 180,414 93,443 568,375 429,881 998,256 12,100 Eating & Drinking Places 10,934 68,580 89,436 42,211 200,227 121,515 321,742 11,005 12,190 21,791 118,032 140,054 258,086 12,230 9,616 133,904 10,406 144,310 10,406 144,310 10,406 144,310 10,406 144,310 10,406 144,310 10,406 144,310 10,406 144,310 10,406 144,310 10,406 144,310 10,406 144,310 10,406 144,310 10,406 144,310 10,406 144,310 10,406 144,310 10,406 145,410 10,406 144,310 10,406	42 00 %	47,854	27,756	20,098	8,328		4,422	1,613	Stone, Clay, Glass & Concrete Products
Machinery, Computer Eqpmnt (exc. elect.) 1,161 18,601 32,685 24,859 76,145 83,861 160,006 Electric & Electronic Equipment 92 2,035 6,615 9,895 18,545 59,073 77,618 17 18 18 18 18 18 18	25.18 %	88,716	66,373	22,343	13,881	6,944	1,518	142	· ·
Electric & Electronic Equipment 92 2,035 6,615 9,895 18,545 59,073 77,618 Trans. Eqpmnt., Incl. Motor Vehicles 93 1,277 4,119 9,441 14,837 125,947 140,784 Instruments & Related Products 20 1,386 3,841 5,919 11,146 20,230 31,376 Misc. Manufacturing Industries 1,657 4,330 5,047 3,878 13,255 5,046 18,301 Transportation & Warehousing 2,142 3,403 2,760 8,305 42,685 50,990 Electric, Gas & Sanitary Service 2,184 3,304 1,348 1,496 6,148 43,833 49,981 Wholesale & Retail Trade (exc. eating) 115,443 294,518 180,414 93,443 568,375 429,881 998,256 Eating & Drinking Places 10,934 68,580 89,436 42,211 200,227 121,515 321,742 Finance & Insurance 49,181 75,051 21,190 21,791 118,032 140,054 258,086 Real Estate & Rentals 93,297 112,058 12,230 9,616 133,904 10,406 144,310 Personal Services 38,389 71,738 39,058 40,823 151,619 105,012 256,631	46.58 %	145,934	77,955	67,979	27,881	29,638	10,460	267	Fabricated Metal Products (exc. mach.)
Electric & Electronic Equipment 92 2,035 6,615 9,895 18,545 59,073 77,618 Trans. Eqpmnt., Incl. Motor Vehicles 93 1,277 4,119 9,441 14,837 125,947 140,784 Instruments & Related Products 20 1,386 3,841 5,919 11,146 20,230 31,376 Misc. Manufacturing Industries 1,657 4,330 5,047 3,878 13,255 5,046 18,301 Transportation & Warehousing 484 2,142 3,403 2,760 8,305 42,685 50,990 Electric, Gas & Sanitary Service 2,184 3,304 1,348 1,496 6,148 43,833 49,981 Wholesale & Retail Trade (exc. eating) 115,443 294,518 180,414 93,443 568,375 429,881 998,256 Eating & Drinking Places 10,934 68,580 89,436 42,211 200,227 121,515 321,742 Finance & Insurance 49,181 75,051 21,190 21,791 118,032 140,054 258,086 Real Estate & Rentals 93,297 112,058 12,230 9,616 133,904 10,406 144,310 Personal Services 38,389 71,738 39,058 40,823 151,619 105,012 256,631	47.59 %	160,006	83,861	76,145	24,859	32,685	18,601	1,161	Machinery, Computer Egpmnt (exc. elect.)
Instruments & Related Products 20	23.89 %	77,618	59,073	18,545	9,895	6,615	2,035	92	
Misc. Manufacturing Industries 1,657 4,330 5,047 3,878 13,255 5,046 18,301 Transportation & Warehousing 484 2,142 3,403 2,760 8,305 42,685 50,990 Electric, Gas & Sanitary Service 2,184 3,304 1,348 1,496 6,148 43,833 49,981 Wholesale & Retail Trade (exc. eating) 115,443 294,518 180,414 93,443 568,375 429,881 998,256 Eating & Drinking Places 10,934 68,580 89,436 42,211 200,227 121,515 321,742 Finance & Insurance 49,181 75,051 21,190 21,791 118,032 140,054 258,086 Real Estate & Rentals 93,297 112,058 12,230 9,616 133,904 10,406 144,310 Personal Services 41,540 68,883 12,061 5,278 86,222 15,088 101,310 Business Services 38,389 71,738 39,058 40,823 151,619 105,012 256,631	10 54 %	140,784	125,947	14,837	9,441	4,119	1,277	93	Trans. Egpmnt., Incl. Motor Vehicles
Transportation & Warehousing 484 2,142 3,403 2,760 8,305 42,685 50,990 Electric, Gas & Sanitary Service 2,184 3,304 1,348 1,496 6,148 43,833 49,981 Wholesale & Retail Trade (exc. eating) 115,443 294,518 180,414 93,443 568,375 429,881 998,256 Eating & Drinking Places 10,934 68,580 89,436 42,211 200,227 121,515 321,742 Finance & Insurance 49,181 75,051 21,190 21,791 118,032 140,054 258,086 Real Estate & Rentals 93,297 112,058 12,230 9,616 133,904 10,406 144,310 Personal Services 41,540 68,883 12,061 5,278 86,222 15,088 101,310 Business Services 38,389 71,738 39,058 40,823 151,619 105,012 256,631	35.52 %	31,376	20,230	11,146	5,919	3,841	1,386	20	Instruments & Related Products
Communication 484 2,142 3,403 2,760 8,305 42,685 50,990 Electric, Gas & Sanitary Service 2,184 3,304 1,348 1,496 6,148 43,833 49,981 Wholesale & Retail Trade (exc. cating) 115,443 294,518 180,414 93,443 568,375 429,881 998,256 Eating & Drinking Places 10,934 68,580 89,436 42,211 200,227 121,515 321,742 Finance & Insurance 49,181 75,051 21,190 21,791 118,032 140,054 258,086 Real Estate & Rentals 93,297 112,058 12,230 9,616 133,904 10,406 144,310 Personal Services 41,540 68,883 12,061 5,278 86,222 15,088 101,310 Business Services 38,389 71,738 39,058 40,823 151,619 105,012 256,631	72.43 %	18,301	5,046	13,255	3,878	5,047	4,330	1,657	Misc. Manufacturing Industries
Electric, Gas & Sanitary Service 2,184 3,304 1,348 1,496 6,148 43,833 49,981 Wholesale & Retail Trade (exc. eating) 115,443 294,518 180,414 93,443 568,375 429,881 998,256 Eating & Drinking Places 10,934 68,580 89,436 42,211 200,227 121,515 321,742 Finance & Insurance 49,181 75,051 21,190 21,791 118,032 140,054 258,086 Real Estate & Rentals 93,297 112,058 12,230 9,616 133,904 10,406 144,310 Personal Services 41,540 68,883 12,061 5,278 86,222 15,088 101,310 Business Services 38,389 71,738 39,058 40,823 151,619 105,012 256,631				\					Transportation & Warchousing
Wholesale & Retail Trade (exc. eating) 115,443 294,518 180,414 93,443 568,375 429,881 998,256 Eating & Drinking Places 10,934 68,580 89,436 42,211 200,227 121,515 321,742 Finance & Insurance 49,181 75,051 21,190 21,791 118,032 140,054 258,086 Real Estate & Rentals 93,297 112,058 12,230 9,616 133,904 10,406 144,310 Personal Services 41,540 68,883 12,061 5,278 86,222 15,088 101,310 Business Services 38,389 71,738 39,058 40,823 151,619 105,012 256,631	16.29 %	50,990	42,685	8,305	2,760	3,403	2,142	484	Communication
Eating & Drinking Places 10,934 68,580 89,436 42,211 200,227 121,515 321,742 Finance & Insurance 49,181 75,051 21,190 21,791 118,032 140,054 258,086 Real Estate & Rentals 93,297 112,058 12,230 9,616 133,904 10,406 144,310 Personal Services 41,540 68,883 12,061 5,278 86,222 15,088 101,310 Business Services 38,389 71,738 39,058 40,823 151,619 105,012 256,631	12.30 %	49,981	43,833	6,148	1,496	1,348	3,304	2,184	Electric, Gas & Sanitary Service
Finance & Insurance 49,181 75,051 21,190 21,791 118,032 140,054 258,086 Real Estate & Rentals 93,297 112,058 12,230 9,616 133,904 10,406 144,310 Personal Services 41,540 68,883 12,061 5,278 86,222 15,088 101,310 Business Services 38,389 71,738 39,058 40,823 151,619 105,012 256,631	56.94 %	998,256	429,881	568,375	93,443	180,414	294,518	115,443	Wholesale & Retail Trade (exc. eating)
Real Estate & Rentals 93,297 112,058 12,230 9,616 133,904 10,406 144,310 Personal Services 41,540 68,883 12,061 5,278 86,222 15,088 101,310 Business Services 38,389 71,738 39,058 40,823 151,619 105,012 256,631	62.23 %	321,742	121,515	200,227	42,211	89,436	68,580	10,934	Eating & Drinking Places
Personal Services 41,540 68,883 12,061 5,278 86,222 15,088 101,310 Business Services 38,389 71,738 39,058 40,823 151,619 105,012 256,631	45.73 %	258,086	140,054	118,032	21,791	21,190	75,051	49,181	Finance & Insurance
Business Services 38,389 71,738 39,058 40,823 151,619 105,012 256,631	92.79 %	144,310	10,406	133,904	9,616	12,230	112,058	93,297	Real Estate & Rentals
	85.11 %	101,310	15,088	86,222	5,278	12,061	68,883	41,540	Personal Services
Automotive Renairs & Services 13 104 34 369 8 401 2 248 45 018 6 962 51 980	59.08 %	256,631	105,012	151,619	40,823	39,058	71,738	38,389	Business Services
וסטקול ושקע וסייקע ווסדקע ווסדקע ויסדקט ויסיקט ויסיקט ווסדקע וויסדקט וויסדקט וויסדקט וויסדקט וויסדקט וויסדקט וויסדקט	86.61 %	51,980	6,962	45,018	2,248	8,401	34,369	13,104	Automotive Repairs & Services
Miscellaneous Services 190,953 348,025 140,292 160,671 648,988 350,863 999,851	64.91 %	999,851	350,863	648,988	160,671	140,292	348,025	190,953	Miscellaneous Services
All Industries 641,719 1,315,526 721,956 583,120 2,620,602 2,004,834 4,625,436	56.66 9	4,625,436	2,004,834	2,620,602	583,120	721,956	1,315,526	641,719	All Industries

Agri. Serv., Forest., Fish., & Other Mining Construction Food & Kindred Products Fextile Mill Products Apparel & Other Textile Products Lumber & Wood Products (exc. Furniture) Furniture & Fixtures Paper & Allied Products Printing & Publishing Chemicals & Allied Products Petroleum & Coal Products Rubber & Misc. Plastic Products Stone, Clay, Glass & Concrete Products Primary Metal Industries Fabricated Metal Products (exc. mach.) Machinery, Computer Eqpmnt (exc. elect.) Electric & Electronic Equipment	44,304 181 130 2,677 336 8 2,537 173	94,612 1,295 812 5,693 1,534 412 7,496	33,757 2,680 1,729 6,635 3,298	16,677 4,114 3,075 4,960	145,046 8,089 5,616 17,288	12,829 25,077 4,404	157,875 33,166 10,020	91.87% 24.39%
Construction Food & Kindred Products Fextile Mill Products Apparel & Other Textile Products Lumber & Wood Products (exc. Furniture) Furniture & Fixtures Paper & Allied Products Printing & Publishing Chemicals & Allied Products Petroleum & Coal Products Rubber & Misc. Plastic Products Stone, Clay, Glass & Concrete Products Primary Metal Industries Fabricated Metal Products (exc. mach.) Machinery, Computer Eqpmnt (exc. elect.)	181 130 2,677 336 8 2,537	1,295 812 5,693 1,534 412	2,680 1,729 6,635 3,298	4,114 3,075	8,089 5,616	25,077 4,404	33,166	
Food & Kindred Products Fextile Mill Products Apparel & Other Textile Products Lumber & Wood Products (exc. Furniture) Furniture & Fixtures Paper & Allied Products Printing & Publishing Chemicals & Allied Products Petroleum & Coal Products Rubber & Misc. Plastic Products Stone, Clay, Glass & Concrete Products Primary Metal Industries Fabricated Metal Products (exc. mach.) Machinery, Computer Eqpmnt (exc. elect.)	181 130 2,677 336 8 2,537	1,295 812 5,693 1,534 412	2,680 1,729 6,635 3,298	4,114 3,075	8,089 5,616	25,077 4,404	33,166	
Fextile Mill Products Apparel & Other Textile Products Lumber & Wood Products (exc. Furniture) Furniture & Fixtures Paper & Allied Products Printing & Publishing Chemicals & Allied Products Petroleum & Coal Products Rubber & Misc. Plastic Products Stone, Clay, Glass & Concrete Products Primary Metal Industries Fabricated Metal Products (exc. mach.) Machinery, Computer Eqpmnt (exc. elect.)	130 2,677 336 8 2,537	812 5,693 1,534 412	1,729 6,635 3,298	3,075	5,616	4,404	,	24.39 %
Apparel & Other Textile Products Lumber & Wood Products (exc. Furniture) Furniture & Fixtures Paper & Allied Products Printing & Publishing Chemicals & Allied Products Petroleum & Coal Products Rubber & Misc. Plastic Products Stone, Clay, Glass & Concrete Products Primary Metal Industries Fabricated Metal Products (exc. mach.) Machinery, Computer Eqpmnt (exc. elect.)	2,677 336 8 2,537	5,693 1,534 412	6,635 3,298	•	· •	, i	10.020	
Lumber & Wood Products (exc. Furniture) Furniture & Fixtures Paper & Allied Products Printing & Publishing Chemicals & Allied Products Petroleum & Coal Products Rubber & Misc. Plastic Products Stone, Clay, Glass & Concrete Products Primary Metal Industries Fabricated Metal Products (exc. mach.) Machinery, Computer Eqpmnt (exc. elect.)	2,677 336 8 2,537	5,693 1,534 412	6,635 3,298	•	· •	, i	10.020	
Purniture & Fixtures Paper & Allied Products Printing & Publishing Chemicals & Allied Products Petroleum & Coal Products Rubber & Misc. Plastic Products Stone, Clay, Glass & Concrete Products Primary Metal Industries Fabricated Metal Products (exc. mach.) Machinery, Computer Eqpmnt (exc. elect.)	336 8 2,537	1,534 412	3,298	4,960	12 200			56.05 %
Paper & Allied Products Printing & Publishing Chemicals & Allied Products Petroleum & Coal Products Rubber & Misc. Plastic Products Stone, Clay, Glass & Concrete Products Primary Metal Industries Fabricated Metal Products (exc. mach.) Machinery, Computer Eqpmnt (exc. elect.)	8 2,537	412			17,400	8,854	26,142	66.13 %
Printing & Publishing Chemicals & Allied Products Petroleum & Coal Products Rubber & Misc. Plastic Products Stone, Clay, Glass & Concrete Products Primary Metal Industries Fabricated Metal Products (exc. mach.) Machinery, Computer Eqpmnt (exc. elect.)				7,826	12,658	13,671	26,329	48.08 %
Printing & Publishing Chemicals & Allied Products Petroleum & Coal Products Rubber & Misc. Plastic Products Stone, Clay, Glass & Concrete Products Primary Metal Industries Fabricated Metal Products (exc. mach.) Machinery, Computer Eqpmnt (exc. elect.)		7 496	2,128	3,547	6,087	9,901	15,988	38.07 %
Chemicals & Allied Products Petroleum & Coal Products Rubber & Misc. Plastic Products Stone, Clay, Glass & Concrete Products Primary Metal Industries Fabricated Metal Products (exc. mach.) Machinery, Computer Eqpmnt (exc. elect.)		7,770	7,338	6,444	21,278	19,494	40,772	52.19 %
Rubber & Misc. Plastic Products Stone, Clay, Glass & Concrete Products Primary Metal Industries Fabricated Metal Products (exc. mach.) Machinery, Computer Eqpmnt (exc. elect.)		868	1,687	2,448	5,003	26,677	31,680	15.79 %
Stone, Clay, Glass & Concrete Products Primary Metal Industries Fabricated Metal Products (exc. mach.) Machinery, Computer Eqpmnt (exc. elect.)		İ	,	,	ĺ	<i>'</i>	· \	
Primary Metal Industries Fabricated Metal Products (exc. mach.) Machinery, Computer Eqpmnt (exc. elect.)	7	1,489	5,293	11,992	18,774	28,199	46,973	39 97 %
Fabricated Metal Products (exc. mach.) Machinery, Computer Eqpmnt (exc. elect.)	1,615	3,123	3,293	2,091	8,507	9,834	18,341	46.38 %
Machinery, Computer Eqprinit (exc. elect.)	45	679	3,367	5,826	9,872	60,351	70,223	14.06 %
	384	4,110	14,119	12,846	31,075	32,917	63,992	48.56 %
Electric & Electronic Fournment	628	7,526	13,875	9,833	31,234	33,805	65,039	48.02 %
Breenie & Breeneine Beginpinerit	67	879	3,264	7,967	12,110	60,631	72,741	16.65 %
Trans. Eqpmnt., Incl. Motor Vehicles	94	1,315	5,073	8,068	14,456	65,418	79,874	18.10 %
Instruments & Related Products	6	685	1,489	1,932	4,106	14,671	18,777	21.87 %
Misc. Manufacturing Industries	519	1,629	2,378	1,826	5,833	4,599	10,432	55.91 %
Transportation & Warehousing							1	
Communication	489	1,901	2,200	1,662	5,763	19,808	25,571	22.54%
Electric, Gas & Sanitary Service		·	·			·		
Wholesale & Retail Trade (exc. eating)	62,771	165,624	91,835	53,067	310,526	180,992	491,518	63.18 %
Eating & Drinking Places	5,207	35,902	48,214	28,353	112,469	55,846	168,315	66.82 %
Finance & Insurance	22,268	34,600	13,723	15,450		64,584	128,357	49.68 %
Real Estate & Rentals	49,050	58,074	4,397		1	1,603	67,500	97.63 %
Personal Services	27,315	41,394	5,630	1	1	7,151	56,345	87.31 %
Business Services	26,374		16,633	· '	1 '	34,869	112,313	68.95 %
Automotive Repairs & Services	10,576	1	4,333			2,902	32,333	91.02 9
Miscellaneous Services	- ,		1	1	, , , ,	-,·	,	
All Industries	257,761	537,792	298,368	235,369	1,071,529	799,087	1,870,616	57.28 %

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	Proprietors	Less Than 20	<u>20-99</u>	100-499	Less Than 500	Over 500	Total Jobs	% Small Business
Agri. Serv., Forest., Fish., & Other								
Mining	1	ľ	ì			ì	Ĭ	
Construction	67,693	156,040	67,709	39,609	263,358	22,910	286,268	92 00%
Food & Kindred Products	371	2,965	7,452	14,747	25,164	66,345	91,509	27.50 %
Textile Mill Products	3,853	4,188	796	801	5,785	1,623	7,408	78.09 %
Apparel & Other Textile Products	708	2,358	4,239	4,668	11,265	6,096	17,361	64.89 %
Lumber & Wood Products (exc. Furniture)	1,220	4,091	4,229	2,617	10,937	3,282	14,219	76.92 %
Furniture & Fixtures	178	1,955	4,444	4,377	10,776	9,302	20,078	53.67 %
Paper & Allied Products	27	1,046	5,208	7,845	14,099	22,580	36,679	38.44 %
Printing & Publishing	6,185	20,930	21,538	21,898	64,366	57,954	122,320	52.62 %
Chemicals & Allied Products	522	2,221	5,231	6,160	13,612	56,139	69,751	19.52 %
Petroleum & Coal Products	22	265	554	700	1,519	10,987	12,506	12 15 %
Rubber & Misc. Plastic Products	28	2,547	10,549	15,006	28,102	35,549	63,651	44.15 %
Stone, Clay, Glass & Concrete Products	1,665	4,117	4,371	3,989	12,477	11,232	23,709	52 63 %
Primary Metal Industries	111	1,395	5,966	11,265	18,626	32,619	51,245	36.35 %
Fabricated Metal Products (exc. mach.)	319	10,632	29,661	27,512	67,805	46,052	113,857	59.55 %
Machinery, Computer Eqpmnt (exc. elect.)	543	14,866	29,544	26,964	71,374	90,103	161,477	44 20 %
Electric & Electronic Equipment	305	3,355	10,373	19,546	33,274	79,334	112,608	29 55 %
Trans. Egpmnt., Incl. Motor Vehicles	218	1,228	2,888	5,800	9,916	37,545	47,461	20.89 %
Instruments & Related Products	25	1,677	4,665	6,393	12,735	24,260	36,995	34 42 %
Mise. Manufacturing Industries	2,221	5,306	6,493	7,146	18,945	8,138	27,083	69 95 %
Transportation & Warehousing	1	'				}		
Communication	1,672	3,806	3,109	2,635	9,550	55,674	65,224	14 64 %
Electric, Gas & Sanitary Service	ì)	ì		ì	ı i	
Wholesale & Retail Trade (exc. eating)	107,242	323,355	192,844	108,779	624,978	473,640	1,098,618	56 89 9
Eating & Drinking Places	15,306	79,416	103,796	41,468	224,680	93,293	317,973	70.66 %
Finance & Insurance	71,122	106,869	41,005	40,170	188,044	208,116	396,160	47.47 %
Real Estate & Rentals	73,297	98,638	13,764	10,511	122,913	16,857	139,770	87.94 %
Personal Services	59,141	86,941	12,134	3,865	102,940	12,287	115,227	89.34 %
Business Services	109,637	152,808	47,872	66,796			402,128	66.52 %
Automotive Repairs & Services	16,347	42,013	9,200	2,211				89.70 %
Miscellaneous Services	171,257	334,360	145,452	153,625	633,437	427,437	1,060,874	59.71 9
All Industries	711,235	1,469,388	795,086	657,103	2,921,577	2,050,142	4,971,719	58.76 9

MICHIGAN Page 15

	<u>Proprietors</u>	Less Than 20	<u>20-99</u>	<u>100-499</u>	Less Than 500	Over 500	Total Jobs	% Small Business
Agri. Serv., Forest., Fish., & Other				1				
Mining			Į.					
Construction							j	
Food & Kindred Products	108	1,718	4,249	5,757	11,724	30,054	41,778	28.06 %
Textile Mill Products			1				l	
Apparel & Other Textile Products	688	1,505	1,574	1,179	4,258	14,647	18,905	22.52 %
Lumber & Wood Products (exc. Furniture)	1,844	6,201	5,081	2,391	13,673	3,671	17,344	78.83 %
Furniture & Fixtures	334	1,629	3,797	4,925	10,351	24,641	34,992	29.58 %
Paper & Allied Products	24	586	2,646	3,153	6,385	14,357	20,742	30.78 %
Printing & Publishing	1,859	10,086	11,123	9,419	30,628	21,691	52,319	58.54 %
Chemicals & Allied Products	165	1,474	1,830	2,860	6,164	41,745	47,909	12.87 %
Petroleum & Coal Products		· •	<u> </u>	· l				
Rubber & Misc. Plastic Products	24	2,621	9,863	18,561	31,045	21,967	53,012	58.56 %
Stone, Clay, Glass & Concrete Products	990	3,038	3,549	2,002	8,589	9,751	18,340	46.83 %
Primary Metal Industries	43	1,566	5,902	9,771	17,239	29,807	47,046	36.64 %
Fabricated Metal Products (exc. mach.)	590	11,039	28,257	28,871	68,167	52,900	121,067	56.31 %
Machinery, Computer Eqpmnt (exc. elect.)	1,207	19,645	36,103	25,045	80,793	52,841	133,634	60.46 %
Electric & Electronic Equipment	61	1,562	4,504	6,168	12,234	16,475	28,709	42.61 %
Trans. Egpmnt., Incl. Motor Vehicles	211	2,164	6,045	11,731	19,940		280,196	7.12 %
Instruments & Related Products	22	1,073	3,056	2,398	6,527	14,832	21,359	30 56 %
Misc. Manufacturing Industries	1,775	4,248	2,590	1,858	8,696	2,058	10,754	80.86 %
Transportation & Warehousing	·	·	·			1		
Communication	488	2,180	2,912	1,979	7,071	27,853	34,924	20.25 %
Electric, Gas & Sanitary Service	1,955	2,930	1,492	690	5,112	31,087	36,199	14.12 %
Wholesale & Retail Trade (exc. eating)	98,264	262,662	149,591	76,875	489,128	311,668	800,796	61.08 %
Eating & Drinking Places	9,832	60,656	89,494	37,486	187,636	80,864	268,500	69.88 %
Finance & Insurance	ľ		ł		i			
Real Estate & Rentals	82,702	98,672	7,795	6,513	112,980	2,870	115,850	97.52 %
Personal Services	33,145	53,730				8,204	76,231	89.24 %
Business Services	32,471	60,178	33,386	39,396	132,960	80,654	213,614	62.24 %
Automotive Repairs & Services	9,907	30,458	1	1,275	37,711	5,419	43,130	87.44 %
Miscellaneous Services	<u>'</u>	ļ	<u> </u>	· ·		1		
All Industries	278,709	641,621	430,353	305,064	1,377,038	1,160,312	2,537,350	54.27 %
					1	1		1

WISCONSIN Page 16

	<u>Proprietors</u>	Less Than 20	20-99	100-499	Less Than 500	Over 500	Total Jobs	% Small Business
Agri. Serv., Forest., Fish., & Other		· ·						
Mining							- 1	
Construction	34,377	77,365	24,680	12,087	114,132	5,216	119,348]	95.63 %
Food & Kindred Products	369	2,925	6,722	9,711	19,358	39,502	58,860	32.89 %
Textile Mill Products	1		1		İ		ì	
Apparel & Other Textile Products	960	1,537	1,243	2,152	4,932	3,725	8,657	56.97 %
Lumber & Wood Products (exc. Furniture)	1,284	5,879	5,830	6,435	18,144	9,973	28,117	64.53 %
Furniture & Fixtures	118	1,059	2,000	3,349	6,408	6,604	13,012	49.25 %
Paper & Allied Products	10	456	2,145	3,662	6,263	41,560	47,823	13.10 %
Printing & Publishing	2,308	8,249	10,308	9,417	27,974	23,345	51,319	54.51 %
Chemicals & Allied Products	124	804	1,793	2,462	5,059	6,945	12,004	42 14 %
Petroleum & Coal Products			1			Ţ	į	
Rubber & Misc. Plastic Products	12	1,014	4,792	7,877	13,683	13,333	27,016	50.65%
Stone, Clay, Glass & Concrete Products	743	2,145	1,949	1,727	5,821	3,068	8,889	65.49 %
Primary Metal Industries	15	603	3,777	6,473	10,853	13,615	24,468	44.36 %
Fabricated Metal Products (exc. mach.)	122	4,125	11,179	13,874	29,178	29,590	58,768	49.65 %
Machinery, Computer Eqpmnt (exc. elect.)	122	7,699	15,700	16,850	40,249	63,900	104,149	38.65 %
Electric & Electronic Equipment	93	964	3,130	7,839	11,933	31,697	43,630	27.35 %
Trans. Eqpmnt., Incl. Motor Vehicles	68	613	1,257	4,029	5,899	23,508	29,407	20.06 %
Instruments & Related Products	7]	700	1,792	3,102	5,594	12,270	17,864	31.31 %
Misc. Manufacturing Industries	571	1,947	2,892	3,070	7,909	3,169	11,078	69 71.39
Transportation & Warehousing			ì	Ì				
Communication	465	1,867	2,447	526	4,840	14,441	19,281	25.10%
Electric, Gas & Sanitary Service				1		,		
Wholesale & Retail Trade (exc. eating)	56,121	151,931	92,865	52,530	297,326	148,018	445,344	66.76 %
Eating & Drinking Places	11,744	50,314	59,413	16,693	126,420	30,547	156,967	80.54 %
Finance & Insurance	35,126	48,888	15,712	11,330	75,930	73,363	149,293	50.86 %
Real Estate & Rentals	36,867	45,504	3,419	2,367	51,290	988	52,278	98.11 %
Personal Services	20,727	35,481					47,474	90.06 %
Business Services	36,293	51,963			1			72.80 %
Automotive Repairs & Services	7,434	16,361		1	1			92.96 %
Miscellaneous Services	1	[[[
All Industries	246,080	520,393	298,826	219,987	1,039,206	636,811	1,676,017	62.00 %
1]]]]]]]

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<u> </u>	Proprietors	Less Than 20	<u>20-99</u>	<u> 100-499</u>	Less Than 500	Over 500	<u>Total Jobs</u>	% Small Business
Agri. Serv., Forest., Fish., & Other								
Mining		ļ				ŀ		
Construction	36,407	71,714	22,752	10,329	104,795	7,955	112,750	92.94 %
Food & Kindred Products	88	1,476	3,066	6,968	11,510	35,551	47,061	24.46 %
Textile Mill Products	ì	1	·				, i	
Apparel & Other Textile Products	İ						1	
Lumber & Wood Products (exc. Furniture)	2,773	5,053	2,777	2,186	10,016	9,620	19,636	51.01 %
Furniture & Fixtures	470	1,221	1,506	2,667	5,394	1,259	6,653	81.08 %
Paper & Allied Products	29	332	972	995	2,299	28,741	31,040	7.41 %
Printing & Publishing	2,674	8,263	8,873	7,601	24,737	29,064	53,801	45.98 %
Chemicals & Allied Products	101	876	1,307	1,602	3,785	6,150	9,935	38.10 %
Petroleum & Coal Products	,,,	1	1,201	1,552	5,.55	3,	,,,,,,	
Rubber & Misc. Plastic Products	10	1,161	3,579	6,077	10,817	5,568	16,385	66.02 %
Stone, Clay, Glass & Concrete Products	2,793	3,869	1,743	1,047	6,659	6,322	12,981	51.30 %
Primary Metal Industries	40	331	1,766	2,904	5,001	2,432	7,433	67.28 %
Fabricated Metal Products (exc. mach.)	486	3,694	7,882	6,971	18,547	18,971	37,518	49.43 %
Machinery, Computer Eqpmnt (exc. elect.)	1,127	6,268	10,220	10,957		46,072	73,517	37.33 %
Electric & Electronic Equipment	80	958	4,295	6,220	11,473	19,116	30,589	37.51 %
Trans. Egpmnt., Incl. Motor Vehicles	92	555	1,413	2,048	4,016	4,998	9,014	44.55 %
Instruments & Related Products	28	887	2,609	3,813	7,309	25,294	32,603	22.42 9
Misc. Manufacturing Industries	1,759	3,083	1,511	2,925	7,519	1,606	9,125	82.40 %
Transportation & Warehousing								
Communication	501	1,938	2,569	1,307	5,814	14,431	20,245	28.72 %
Electric, Gas & Sanitary Service	1,175	1,889	1,620	1,526	5,035	14,259	19,294	26.10 %
Wholesale & Retail Trade (exc. eating)	54,588	152,286	83,710	50,114	286,110	169,712	455,822	62.77 %
Eating & Drinking Places	4,620	30,765	46,044	20,832	97,641	35,859	133,500	73.14 %
Finance & Insurance	30,227	45,440	14,766	9,868	1	71,611	141,685	49.46 %
Real Estate & Rentals	44,056	53,135	6,950	4,439	64,524	2,059	66,583	96.91 %
Personal Services	25,674	37,272	5,681	1,717	· ·	7,351	52,021	85.87
Business Services	22,717	39,246	17,661	18,908	L '	39,567	115,382	65.71 9
Automotive Repairs & Services	7,606	15,370	4,010	1,375	· ·	4,435	25,190	
Miscellaneous Services	·	·			1	·		
All Industries	240,121	487,082	259,282	185,396	931,760	608,003	1,539,763	60.51 9

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	Proprietors	Less Than 20	20-99	100-499	Less Than 500	Over 500	Total Jobs	% Small Business
Agri. Serv., Forest., Fish., & Other			-					
Mining		Ĭ	Ì		1]	•
Construction		j	}			ľ		
Food & Kindred Products	155	1,144	2,302	5,011	8,457	35,635	44,092	19.18%
Textile Mill Products								
Apparel & Other Textile Products	ì	ľ			ì	i	ľ	
Lumber & Wood Products (exc. Furniture)	450	1,194	877	1,893	3,964	3,638	7,602	52.14 %.
Furniture & Fixtures	79	326	586	500	1,412	3,391	4,803	29.40 %
Paper & Allied Products	9	128	438	555	1,121	5,274	6,395	17.53 %
Printing & Publishing	1,238	4,406	4,084	3,714	12,204	11,682	23,886	51.09 %
Chemicals & Allied Products	49	347	753	681	1,781	4,639	6,420	27.74 %
Petroleum & Coal Products					,	,		
Rubber & Misc. Plastic Products	9	332	1,066	2,662	4,060	9,490	13,550	29 96 %
Stone, Clay, Glass & Concrete Products]							
Primary Metal Industries	28	187	699	1.269	2,155	6,397	8,552	25.20 %
Fabricated Metal Products (exc. mach.)	68	1,254	2,387	2,356	5,997	13,476	19,473	30.80 %
Machinery, Computer Eqpmnt (exc. elect.)	64	2,003	5,733	7,160	14,896	27,303	42,199	35 30 %
Electric & Electronic Equipment	64	255	410	2,209	2,874	14,565	17,439	16 48 %
Trans. Eqpmnt., Incl. Motor Vehicles	60	421	1,105	2,265	3,791	5,386	9,177	41.31 %
Instruments & Related Products							•	
Misc. Manufacturing Industries	İ			1	Ì			
Transportation & Warehousing	ļ							
Communication	11,946	13,447	1,515	1,114	16,076	10,297	26,373	60.96 %
Electric, Gas & Sanitary Service	ı			Ì				
Wholesale & Retail Trade (exc. eating)	40,789	107,722	52,688	19,875	180,285	94,176	274,461	65.69 %
Eating & Drinking Places	4,614	24,713	27,701	14,135	66,549	14,545	81,094	82.06 %
Finance & Insurance			1		ì	ì	`	
Real Estate & Rentals	24,673	28,945	2,258	663	31,866	1,211	33,077	96.34%
Personal Services	21,003	28,481	2,683	537	31,701	2,099	33,800	93.79 %
Business Services	29,094	35,670		5,870	48,224			76.46 %
Automotive Repairs & Services	6,174	11,650	1,339	1,045	14,034			92.66 %
Miscellaneous Services	,	ĺ]]		
All Industries	140,566	262,625	115,308	73,514	451,447	279,166	730,613	61.79 %

	Proprietors	Less Than 20	20-99	100-499	Less Than 500	Over 500	Total Jobs	% Small Business
Agri. Serv., Forest., Fish., & Other	<u> </u>	17930 111411 40		122.122	11000 11101.200	2701 2113	10411000	N Dillali Dasmess
Mining						,		
Construction	50,495	97,129	30,247	12,477	139,853	10,258	150,111	93.17%
Food & Kindred Products	250	1,382	2,738	4,176	8,296	38,119	46,415	17.87 %
Textile Mill Products	230	1,364	2,730	4,170	8,290	30,119	40,413	17.87 70
Apparel & Other Textile Products	598	1,341	2,774	5,816	9,931	12,172	22,103	44.93 %
Lumber & Wood Products (exc. Furniture)	960	4,156	4,302	2,069	10,527	1,708	12,235	86.04 %
Furniture & Fixtures	660	1,334	1,696	2,980	6,010	4,399	10,409	57.74 %
Paper & Allied Products	26	298	1,830	2,384		9,248	13,760	32.79 %
Printing & Publishing	1,256	7,578	7,821	6,550	21,949	22,541	44,490	49.33 %
Chemicals & Allied Products	72	1,004	2,176	4,070	7,250	23,169	30,419	23.83 %
Petroleum & Coal Products	'2	1,004	2,170	4,070	1,230	23,109	30,415	23.03 /0
Rubber & Misc. Plastic Products	12	902	2,894	4,142	7,938	9,981	17,919	44.30 %
Stone, Clay, Glass & Concrete Products	554	1,959	2,170	1,901	6,030	6,176	12,206	49.40 %
Primary Metal Industries	48	509	1,183	2,465		8,606	12,763	32.57 %
Fabricated Metal Products (exc. mach.)	262	3,365	7,412	5,911	16,688		40,576	41.13 %
Machinery, Computer Eqpmnt (exc. elect.)	407	4,165	7,398	5,096	1 '	23,888 17,497		48.77 %
Electric & Electronic Equipment	64				•	,	34,156	
		704	1,877	3,393	1	31,342	37,316	16.01 %
Trans. Eqpmnt., Incl. Motor Vehicles Instruments & Related Products	138	948 410	2,264	2,517		67,470	73,199	7.83 %
			1,286	1,894	1	8,944	12,534	28.64 %
Misc. Manufacturing Industries	1,480	2,843	2,098	1,934	6,875	2,046	8,921	77.07 %
Transportation & Warehousing Communication		2.001	2 121			31.467	27.101	1
	545	2,081	2,421	1,225				15.40 %
Electric, Gas & Sanitary Service	1,250	1,917	2,457	652	5,026	18,125	23,151	21.71 %
Wholesale & Retail Trade (exc. cating)	()(2	33.400		20.000	00.503	53.704	1.50 407	
Eating & Drinking Places	6,363	33,488		1	1			65.59 %
Finance & Insurance	30,690	45,947		1				
Real Estate & Rentals	49,646			5,196	1	1		
Personal Services	32,404						4	
Business Services	50,851	67,954						
Automotive Repairs & Services	12,165	23,851	3,347	1,069	28,267	3,803	32,070	88.14 %
Miscellaneous Services	1 .					1	1	
All Industries	241,211	411,319	178,355	131,051	720,725	528,801	1,249,526	57.68 9

NORTH DAKOTA Page 20

	Proprietors	Less Than 20	20-99	100-499	Less Than 500	Over 500	Total Jobs	% Small Business
Agri. Serv., Forest., Fish., & Other								
Mining	l	1		[į	
Construction				l	į	Į.	ļ	
Food & Kindred Products	27	229	484	1,423	2,136	2,177	4,313	49.52 %
Textile Mill Products	l	· ·			į	i		
Apparel & Other Textile Products	į							
Lumber & Wood Products (exc. Furniture)								ļ
Furniture & Fixtures	}		ľ]]
Paper & Allied Products]		Ì]	Ì		ĺ
Printing & Publishing	1)	Ì	Ì	j	ì	Ì
Chemicals & Allied Products					İ	1	Ì	
Petroleum & Coal Products		Ì	Ï	Ì	1	ľ	j	
Rubber & Misc. Plastic Products			ì		l			•
Stone, Clay, Glass & Concrete Products]	·				
Primary Metal Industries							Ì	
Fabricated Metal Products (exc. mach.)	62	261	156	387	804	0	804	100 00 %
Machinery, Computer Eqpmnt (exc. elect.)	229	665	699	363	1,727	2,037	3,764	45.88 %
Electric & Electronic Equipment	ļ							
Trans. Eqpmnt., Incl. Motor Vehicles			ļ					
Instruments & Related Products			,					
Misc. Manufacturing Industries					ļ ļ			
Transportation & Warehousing								
Communication					ļ			
Electric, Gas & Sanitary Service			Į į			1:		1:
Wholesale & Retail Trade (exc. eating)								
Eating & Drinking Places	1,401	6,701	7,402	3,087	17,190	1,952	19,142	89.80 %
Finance & Insurance		ļ					ļ	1
Real Estate & Rentals					7.004			(13.44.8
Personal Services	5,070			99	7,806	546		93.46 %
Business Services	2,789	4,230	1,429	748	6,407	1,493	7,900	81.10%
Automotive Repairs & Services								
Miscellaneous Services		10.500	1005	,	34	0.505		
All Industries	9,578	19,109	10,854	6,107	36,070	8,205	44,275	81.47%

	D	1 71 20	20,00	100.400	1 77 600	0 (00	T	0.6. 11.0
	Proprietors	Less Than 20	20-99	100-499	Less Than 500	Over 500	Total Jobs	% Small Business
Agri. Serv., Forest., Fish., & Other					i			
Mining					Ì	i		
Construction		}	ŀ					
Food & Kindred Products	27	241	537	438	1,216	5,260	6,476	18.78 %
Textile Mill Products			i					
Apparel & Other Textile Products								
Lumber & Wood Products (exc. Furniture)							ľ	
Furniture & Fixtures								
Paper & Allied Products								
Printing & Publishing	337	1,195	865	363	2,423	862	3,285	73.76 %
Chemicals & Allied Products								
Petroleum & Coal Products								
Rubber & Misc. Plastic Products					ļ		1	
Stone, Clay, Glass & Concrete Products								
Primary Metal Industries								
Fabricated Metal Products (exc. mach.)								
Machinery, Computer Eqpmnt (exc. elect.)	162	497	748	1,476	2,721	2,994	5,715	47.61%
Electric & Electronic Equipment								
Trans. Eqpmnt., Incl. Motor Vehicles	1							
Instruments & Related Products								
Misc. Manufacturing Industries					1			
Transportation & Warehousing						i		
Communication			1	u.		l	1	
Electric, Gas & Sanitary Service					1	ļ	ľ	
Wholesale & Retail Trade (exc. eating)					\			
Eating & Drinking Places	1,407	7,328	7,389	2,952	17,669	2,408	20,077	88.01 %
Finance & Insurance]	,	· · ·	ĺ	ļ '' '] -, -		
Real Estate & Rentals	Ì	ļ				1	ļ	
Personal Services	[1	Ì			
Business Services					ļ			1
Automotive Repairs & Services	1,661	3,139	296	21	3,456	48	3,504	98.63 %
Miscellaneous Services]	1]]			1
All Industries	3,594	12,400	9,835	5,250	27,485	11,572	39,057	70.37 %
]]	}]]	2,33]

SOUTH DAKOTA

NEBRASKA Page 22

	<u>Proprietors</u>	Less Than 20	20-99	100-499	Less Than 500	Over 500	Total Jobs	2. Small Business
gri. Serv., Forest., Fish., & Other								
M ining	ì	1	Ì	1	ì	1	j	
Construction	ì		ì				ì	
ood & Kindred Products	38	709	1,719	2,639	5,067	22,000	27,067	18.72 %
extile Mill Products			Į.					
Apparel & Other Textile Products						Ĭ		
Lumber & Wood Products (exc. Furniture)]	
Furniture & Fixtures		į	Ì	i			į.	
Paper & Allied Products				1			ľ	
Printing & Publishing	858	2,777	2,450	1,834	7,061	5,219	12,280	57.50 %
Chemicals & Allied Products		·		·	l			
Petroleum & Coal Products								
Rubber & Misc. Plastic Products] ز	192	710	1,293	2,195	3,543	5,738	38.25 %
Stone, Clay, Glass & Concrete Products								
Primary Metal Industries	Ì							
Fabricated Metal Products (exe. mach.)	30	460	1,066	1,206	2,732	4,542	7,274	37.56 %
Machinery, Computer Egpmnt (exc. elect.)	161	1,297	1,776	2,583	5,656	6,496	12,152	46.54 %
Electric & Electronic Equipment	36	205	391	931	1,527	7,508	9,035	16.90 \$
Trans. Egpmnt., Incl. Motor Vehicles								
Instruments & Related Products								
Misc. Manufacturing Industries								
Transportation & Warehousing	'		1				1	
Communication	203	1,029	1,078	1,306	3,413	7,742	11,155	30 60 %
Electric, Gas & Sanitary Service	459	745	205	0	950	1,798	2,748	34.57 %
Wholesale & Retail Trade (exc. eating)	24,150	63,602	31,227	15,295	110,124	48,257	158,381	69.53 9
Eating & Drinking Places	2,521	13,850	16,810	7,225	37,885	11,910	49,795	76.08 9
Finance & Insurance	·	·	<u> </u>	1				
Real Estate & Rentals	13,875	16,473	1,615	719	18,807	93	18,900	99.51 9
Personal Services	10,293	. '			1		1	
Business Services	7,292	1	1	1	1	1	1 '	
Automotive Repairs & Services	,	1	,	1	<u> </u>			
Miscellaneous Services	1		1		1		ì	
All Industries	59,919	128,069	66,737	39,434	234,240	147,579	381,819	61.35

	Proprietors	Less Than 20	20-99	100-499	Less Than 500	Over 500	Total Jobs	% Small Business
Agri. Serv., Forest., Fish., & Other								
Mining					,			
Construction	23,555	43,903	14,593	6,829	65,325	3,954	69,279	94.29 %
Food & Kindred Products	66	765	1,391	2,223	4,379	22,421	26,800	16.34 %
Textile Mill Products	i		,	.,	.,,		- '	
Apparel & Other Textile Products	73	333	817	601	1,751	2,907	4,658	37.59 %
Lumber & Wood Products (exc. Furniture)	263	815	936	916	2,667	769	3,436	77.62 %
Furniture & Fixtures					_,,		-,	
Paper & Allied Products							ł	
Printing & Publishing	1,224	4,230	3,850	4.963	13,043	9,871	22,914	56.92 %
Chemicals & Allied Products	54	277	771	1,011	2,059	6,193	8,252	24.95 %
Petroleum & Coal Products				, , , ,	_,	.,	-71	
Rubber & Misc. Plastic Products	3	475	1,721	1,972	4,168	6,313	10,481	39.77 %
Stone, Clay, Glass & Concrete Products	508	1,238	1,229	793	3,260	2,867	6,127	53.21 %
Primary Metal Industries					'	, i	,	
Fabricated Metal Products (exc. mach.)	116	1,310	2,598	3,039	6,947	3,086	10,033	69.24 %
Machinery, Computer Eqpmnt (exc. elect.)	249	2,180	4,657	5,031	i i	10,697	22,565	52.59 %
Electric & Electronic Equipment	128	618	1,049	1,291		7,056	10,014	29.54 %
Trans. Eqpmnt., Incl. Motor Vehicles	77	625	1,502	3,080	5,207	45,564	50,771	10.26 %
Instruments & Related Products	4	156	395	990		4,582	6,123	25 17 %
Misc. Manufacturing Industries	239	595	537	451		1,047	2,630	60.19 %
Transportation & Warehousing				\	,	·	ŕ	
Communication	15,669	16,634	1,665	823	19,122	12,464	31,586	60.54 %
Electric, Gas & Sanitary Service	·				1	·	·	
Wholesale & Retail Trade (exc. cating)								
Eating & Drinking Places	3,468	18,734	23,896	10,491	53,121	23,499	76,620	69.33 %
Finance & Insurance	15,947	26,572	10,458	7,946	44,976	23,435	68,411	65.74 %
Real Estate & Rentals	25,192	29,664	2,491	1,421	33,576	392	33,968	98.85 %
Personal Services	14,261	20,707			24,160	2,713	26,873	89.90 %
Business Services	18,472	25,926	7,571	8,345	41,842	10,628	52,470	79.74 %
Automotive Repairs & Services	6,011		I	L ·			13,574	
Miscellaneous Services	•	(ĺ	Ì	'		 	1
All Industries	125,579	206,976	85,800	63,779	356,555	201,030	557,585	63.95 %

DELAWARE Page 24

	<u>Proprietors</u>	Less Than 20	<u>20-99</u>	<u>100-499</u>	Less Than 500	Over 500	Total Jobs	% Small Business
Agri. Serv., Forest., Fish., & Other								
Mining		ľ				Ì		
Construction								
Food & Kindred Products	21	153	394	448	995	7,044	8,039	12.38 %
Textile Mill Products								
Apparel & Other Textile Products								
Lumber & Wood Products (exc. Furniture)			1		1			
Furniture & Fixtures	İ				,			
Paper & Allied Products								
Printing & Publishing	108	648	703	322	1,673	1,063	2,736	61.15%
Chemicals & Allied Products					,	·	·	
Petroleum & Coal Products					ļ			
Rubber & Misc. Plastic Products					\ \			
Stone, Clay, Glass & Concrete Products								
Primary Metal Industries								
Fabricated Metal Products (exc. mach.)						ì	1	
Machinery, Computer Eqpmnt (exc. elect.)			ļ		1			
Electric & Electronic Equipment								
Trans. Eqpmnt., Incl. Motor Vehicles							ì	
Instruments & Related Products							ì	
Misc. Manufacturing Industries	i						Į.	l .
Transportation & Warehousing						1	1	
Communication								
Electric, Gas & Sanitary Service			1					Ì
Wholesale & Retail Trade (exc. cating)					1	ì	1	
Eating & Drinking Places	490	4.041	7,102	2,343	13,486	5.920	19,406	69.49 %
Finance & Insurance		.,			,	1,		
Real Estate & Rentals	6,290	8,182	892	660	9,734	137	9,871	98.61 %
Personal Services	2,563	4,417			1		1 '	
Business Services	3,228	6,141	1	4,604				1
Automotive Repairs & Services	1)]]	13,000]]	1
Miscellaneous Services				Ì		1		
All Industries	12,700	23,582	13,160	8,762	45,504	23,589	69,093	65.86 %
in manning	12,700	23,362	15,100	3,702	. 75,504	23,367	0,07	05.00 /

	Proprietors	Less Than 20	<u>20-99</u>	<u>100-499</u>	<u>Less Than 500</u>	Over 500	Total Jobs	% Small Business
Agri. Serv., Forest., Fish., & Other								
Mining		•				`	ì	
Construction	34,796	92,591	58,527	32,244	183,362	20,715	204,077	89.85 %
Food & Kindred Products	65	951	2,495	3,638	7,084	15,231	22,315	31.75 %
Textile Mill Products				·	·	,		
Apparel & Other Textile Products	(8,844)	(8,125)	1,510	2,076	(4,539)	5,396	857	-529.64 %
Lumber & Wood Products (exc. Furniture)	152	1,274	1,846	780	3,900	679	4,579	85.17 %
Furniture & Fixtures	364	1,098	1,347	1,083	3,528	349	3,877	91.00 %
Paper & Allied Products	13	286	860	1,488	2,634	6,555	9,189	28.66 %
Printing & Publishing	1,619	6,285	7,140	7,340	20,765	13,251	34,016	61.04 %
Chemicals & Allied Products	37	545	876	1,088	2,509	11,295	13,804	18.18 %
Petroleum & Coal Products				·	·	<i>'</i>	,	
Rubber & Misc. Plastic Products	11]	534	906	1,453	2,893	5,436	8,329	34.73 %
Stone, Clay, Glass & Concrete Products	504	994	1,425	1,496	3,915	3,640	7,555	51.82 %
Primary Metal Industries	10,921	11,092	348	746	12,186	10,205	22,391	54.42 %
Fabricated Metal Products (exc. mach.)	155	1,425	3,358	3,720	8,503	2,610	11,113	76.51 %
Machinery, Computer Eqprint (exc. elect.)	303	1,835	3,269	2,994	8,098	9,558	17,656	45.87 %
Electric & Electronic Equipment	96	714	1,519	2,991	5,224	11,361	16,585	31.50 %
Trans. Eqpmnt., Incl. Motor Vehicles								
Instruments & Related Products	7	551	1,168	1,032	2,751	25,977	28,728	9.58 %
Misc. Manufacturing Industries	847	1,661	1,374	685	3,720	823	4,543	81.88 %
Transportation & Warehousing								
Communication	641	1,337	1,801	1,882	5,020	23,991	29,011	17.30 %
Electric, Gas & Sanitary Service								
Wholesale & Retail Trade (exc. cating)	39,313	122,186	79,900	48,978	251,064	182,363	433,427	57.93 %
Eating & Drinking Places	4,388	27,994	38,604	13,763	80,361	55,301	135,662	59.24 9
Finance & Insurance	18,043	27,750	9,956	12,694	50,400	75,690	126,090	39.97
Real Estate & Rentals	55,645	69,241	9,277	7,147	85,665	8,331	93,996	91.14 9
Personal Services	19,687	32,783	6,187	2,869	41,839	5,348	47,187	88.67
Business Services	41,328	61,012	23,456	32,029	116,497	63,211	179,708	64.83
Automotive Repairs & Services	5,213	15,588	3,573	978	20,139	2,752	22,891	87.98
Miscellaneous Services	1	ļ	1	l			1	Į.
All Industries	225,304	471,602	260,722	185,194	917,518	560,068	1,477,586	62.10

	Proprietors	Less Than 20	20-99	<u>100-499</u>	Less Than 500	Over 500	Total Jobs	% Small Business
Agri. Serv., Forest., Fish., & Other		· ·						
Mining								
Construction		l		ļ			į,	
Food & Kindred Products	Ì				1			
Textile Mill Products	ì	ì	ì	ì	l		ľ	
Apparel & Other Textile Products								
Lumber & Wood Products (exc. Furniture)	ì	j]	ì	Ì]	
Furniture & Fixtures								
Paper & Allied Products					1			
Printing & Publishing	499	1,637	1,857	1,678	5,172	8,974	14,146	36.56 %
Chemicals & Allied Products								
Petroleum & Coal Products	0 [0	0	0	0	46	46	0.00%
Rubber & Misc. Plastic Products								
Stone, Clay, Glass & Concrete Products			-					
Primary Metal Industries		i						
Fabricated Metal Products (exc. mach.)				,				
Machinery, Computer Eqpmnt (exc. elect.)								
Electric & Electronic Equipment	Ì]		}	Ì			•
Trans. Eqpmnt., Incl. Motor Vehicles								
Instruments & Related Products	Ì				1		'	
Misc. Manufacturing Industries					ļ '			
Transportation & Warehousing								
Communication	822	1,092	770	1,256	3,118	10,334	13,452	23.18 %
Electric, Gas & Sanitary Service		·						
Wholesale & Retail Trade (exc. eating)					Į	Į.	l	l
Eating & Drinking Places	223	4,317	8,899	2,274	15,490	11,760	27,250	56.84 %
Finance & Insurance		Ì	1	Ì			1	
Real Estate & Rentals	4,530	7,902	3,501	3,511	14,914	834	15,748	94.70%
Personal Services		<u> </u>	1	1	1	}	1	1
Business Services	6,655	10,202	5,259	8,116	23,577	18,112	41,689	56.55 %
Automotive Repairs & Services	180		849	1,022			4,000	62.95 %
Miscellaneous Services		[1	[1			{
All Industries	12,909	25,797	21,135	17,857	64,789	51,542	116,331	55.69 %

VIRGINIA Page 27

	<u>Proprietors</u>	Less Than 20	<u> 20-99</u>	<u>100-499</u>	Less Than 500	Over 500	Total Jobs	% Small Business
Agri. Serv., Forest., Fish., & Other			:					
Mining							i	
Construction	55,913	128,463	60,979	30,744	220,186	14,978	235,164	93.63 %
Food & Kindred Products	36,782	37,875	2,025	4,565	44,465	27,174	71,639	62.07 %
Textile Mill Products				, i	·	· ·	·	
Apparel & Other Textile Products	120	844	3,006	6,500	10,350	21,313	31,663	32.69 %
Lumber & Wood Products (exc. Furniture)	27,495	32,719	5,945	5,535	44,199	7,531	51,730	85.44 %
Furniture & Fixtures	755	1,502	1,664	2,077	5,243	19,393	24,636	21.28 %
Paper & Allied Products		·					·	
Printing & Publishing	1,478	7,020	6,179	6,445	19,644	19,272	38,916	50.48 %
Chemicals & Allied Products	42	520	785	1,242	2,547	27,523	30,070	8.47 %
Petroleum & Coal Products				·		·	-	
Rubber & Misc. Plastic Products	9	400	1,444	1,357	3,201	14,537	17,738	18.05 %
Stone, Clay, Glass & Concrete Products	842	1,606	2,462	3,043	7,111	8,338	15,449	46.03 %
Primary Metal Industries						·	·	
Fabricated Metal Products (exc. mach.)	250	1,572	3,782	2,888	8,242	9,835	18,077	45.59 %
Machinery, Computer Eqpmnt (exc. elect.)	297	2,678	4,356	5,689	12,723	12,371	25,094	50.70 %
Electric & Electronic Equipment	182	866	2,331	4,175	7,372	17,083	24,455	30.15 %
Trans. Eqpmnt., Incl. Motor Vehicles	35,660	36, 283	1,421	2,064	39,768	40,632	80,400	49.46 %
Instruments & Related Products	6	426	1,041	1,569	3,036	14,139	17,175	17.68 %
Misc. Manufacturing Industries							Ì	
Transportation & Warehousing			1					
Communication	1,154	3,151	2,668	2,246	8,065	39,385	47,450	17.00 %
Electric, Gas & Sanitary Service	,		į.	·]	
Wholesale & Retail Trade (exc. cating)	57,609	158,594	87,964	49,942	296,500	256,184	552,684	53.65 %
Eating & Drinking Places	4,370	30,743	39,639	22,782	93,164	71,428	164,592	56.60 %
Finance & Insurance	46,516	59,091	12,043	10,879	82,013	90,299	172,312	47.60 %
Real Estate & Rentals	72,247	88,103	10,055	7,715	105,873	4,874	110,747	95.60 %
Personal Services	23,978		7,114	3,644	52,063	9,542		
Business Services	46,326							
Automotive Repairs & Services	8,954	21,378	3,971	2,383	27,732	3,318	31,050	89.31 9
Miscellaneous Services	1		1			1		
All Industries	420,985	724,166	287,365	208,183	1,219,714	799,188	2,018,902	60.41 9

WEST VIRGINIA Page 28

	Proprietors	Less Than 20	<u>20-99</u>	<u>100-499</u>	Less Than 500	Over 500	Total Jobs	% Small Business
Agri. Serv., Forest., Fish., & Other		I						
Mining		\ \frac{1}{2}	ľ		Ì	ľ		
Construction		l					Į.	
Food & Kindred Products	101	387	510	782	1,679	2,110	3,789	44.31 %
Textile Mill Products	1		ì					
Apparel & Other Textile Products								
Lumber & Wood Products (exc. Furniture)	2,030	4,187	1,930	1,386	7,503	875	8,378	89.56 %
Furniture & Fixtures	Į	ľ	1				Į.	
Paper & Allied Products								
Printing & Publishing	485	1,387	733	1,094	3,214	2,207	5,421	59.29 %
Chemicals & Allied Products	İ	· l	Į				ļ	
Petroleum & Coal Products								
Rubber & Misc. Plastic Products		ì		l			1	
Stone, Clay, Glass & Concrete Products	305	851	1,147	1,464	3,462	5,081	8,543	40.52 %
Primary Metal Industries								
Fabricated Metal Products (exc. mach.)	20	389	1,384	1,143	2,916	3,211	6,127	47.59 %
Machinery, Computer Eqpmnt (exc. elect.)	393	1,469	1,352	970	3,791	1,556	5,347	70.90 %
Electric & Electronic Equipment								
Trans. Eqpmnt., Incl. Motor Vehicles								
Instruments & Related Products								
Misc. Manufacturing Industries						'		
Transportation & Warehousing					ĺ	1		
Communication					}	1	ì	1
Electric, Gas & Sanitary Service						!		
Wholesale & Retail Trade (exc. eating)	21,404	51,381	24,946	10,746	87,073	43,392	130,465	66.74 %
Eating & Drinking Places	2,709	10,250	9,036	6,828	26,114	10,455	36,569	71.41 9
Finance & Insurance					ķ			
Real Estate & Rentals	7,538	10,069	540	203	10,812	116	10,928	98.94 9
Personal Services	7,126	10,888	1,139	559	12,586	1,551	14,137	89.03 9
Business Services	6,607	9,655	2,982	2,014	14,651	5,246	19,897	73.63
Automotive Repairs & Services	3,500	5,967	624	82	6,673	469	7,142	93.43
Miscellaneous Services	<u> </u>			l			1	
All Industries	52,218	106,880	46,323	27,271	180,474	76,269	256,743	70.29

NORTH CAROLINA Page 29

	<u>Proprietors</u>	Less Than 20	20-99	<u>100-499</u>	Less Than 500	Over 500	Total Jobs	% Small Business
Agri. Serv., Forest., Fish., & Other								
Mining	1	{	1		[[Į.	
Construction	68,192	143,203	48,016	24,459	215,678	18,600	234,278	92.06 %
Food & Kindred Products	266	1,599	3,788	5,542	10,929	40,881	51,810	21.09 %
Textile Mill Products	207	2,303	13,222	36,067	51,592	162,108	213,700	24.14 %
Apparel & Other Textile Products	803	2,456	10,500	22,388	35,344	41,742	77,086	45.85 %
Lumber & Wood Products (exc. Furniture)	6,486	14,013	11,573	4,993	30,579	13,624	44,203	69.18 %
Furniture & Fixtures	947	3,389	7,408	10,270	21,067	64,071	85,138	24.74 %
Paper & Allied Products	ſ	· 1	1	·		1		
Printing & Publishing	2,679	8,386	6,635	4,541	19,562	15,056	34,618	56.51 %
Chemicals & Allied Products	345	1,095	2,163	2,429	5,687	41,047	46,734	12.17 %
Petroleum & Coal Products			-,	-,		1	, i	
Rubber & Misc. Plastic Products	15	941	3,352	5,392	9.685	27,327	37,012	26.17%
Stone, Clay, Glass & Concrete Products	2,879	4,272	3,117	5,115	12,504	13,483	25,987	48.12 %
Primary Metal Industries	Í	· ·	· ·	,	<i>'</i>	· 1	ĺ	
Fabricated Metal Products (exc. mach.)	398	2,906	6,168	5,385	14,459	16,538	30,997	46.65 %
Machinery, Computer Eqpmnt (exc. elect.)	462	5,629	8,464	8,058	22,151	41,890	64,041	34.59 %
Electric & Electronic Equipment	67	937	2,381	3,235	6,553	53,612	60,165	10.89 %
Trans. Eqpmnt., Incl. Motor Vehicles								
Instruments & Related Products		į			1		Ţ	
Misc. Manufacturing Industries	1,155	2,674	2,108	1,458	6,240	2,635	8,875	70.31 %
Transportation & Warehousing	ĺ				{			· ·
Communication	507	2,704	2,545	2,105	7,354	21,740	29,094	25.28 %
Electric, Gas & Sanitary Service	1,552	2,230	1,752	2,076	6,058	28,259	34,317	17.65 %
Wholesale & Retail Trade (exc. eating)	86,244	217,005	102,040	55,592	374,637	248,846	623,483	60.09 %
Eating & Drinking Places	6,931	38,767	48,320	29,126	116,213	69,568	185,781	62.55 %
Finance & Insurance						(
Real Estate & Rentals	56,677	68,701	5,922	4,973	79,596	2,210	81,806	97.30 %
Personal Services	27,317	42,204	8,431	2,651	1	1	60,200	88.51 %
Business Services	32,032	51,610	17,370	24,463	1 '	1	144,174	64.81 %
Automotive Repairs & Services	14,981	27,584	3,320	2,199		1		91.48 %
Miscellaneous Services	·	<u> </u>		[1)
All Industries	311,142	644,608	318,595	262,517	1,225,720	983,967	2,209,687	55.47 %

SOUTH CAROLINA

	Proprietors	Less Than 20	20-99	100-499	Less Than 500	Over 500	Total Jobs	% Small Business
Agri. Serv., Forest., Fish., & Other						ŀ	1	\
Mining			l					
Construction]			3.670	9,989	13,668	26.92 %
Food & Kindred Products	70	476	1,198	2,005	3,679	84,976	96,938	12.34 %
Textile Mill Products	24	441	2,585	8,936	11,962	21,373	39,613	46.05 %
Apparel & Other Textile Products	107	890	5,148	12,202		4,734	16,213	70.80 %
Lumber & Wood Products (exc. Furniture)	1,225	5,325	4,094	2,060	I b	2,386	4,728	49.53 %
Furniture & Fixtures	495	790	669	883	2,342	2,380	7,720	13.33
Paper & Allied Products				0=	2.510	5 420	12,938	58.11 %
Printing & Publishing	1,154	3,721	2,300	1,497		5,420 32,522	35,739	9.00 %
Chemicals & Allied Products	212	668	1,099	1,450	3,217	32,322	33,733	7.00,70
Petroleum & Coal Products				202	2 752	19,625	23,377	16.05 %
Rubber & Misc. Plastic Products	8	467	888	2,397		6,175	12,063	48.81 %
Stone, Clay, Glass & Concrete Products	1,835	2,537	1,240	2,111		6,357	7,865	19.17 %
Primary Metal Industries	22	224	357	927		9,773	17,925	45.48 %
Fabricated Metal Products (exc. mach.)	85	1,367	2,332	4,453		23,699	35,293	32.85 %
Machinery, Computer Eqpmnt (exc. elect.)	102	2,208	3,486	5,900		21,536	23,981	10.20 %
Electric & Electronic Equipment	76		600	1,480		9,688	12,499	22.49 %
Trans. Eqpmnt., Incl. Motor Vehicles	9	362	515	1,934	2,811	9,086	12,777	
Instruments & Related Products				(33	2,290	1,890	4,180	54.78 %
Misc. Manufacturing Industries	557	1,094	573	623	3 290	1,870	4,100	
Transportation & Warehousing				1.70	4,663	8,107	12,770	36.52 %
Communication	343			1,693		, · · · ·	11,792	26.93 %
Electric, Gas & Sanitary Service	792	1		1,030	· ·		290,365	59.28 %
Wholesale & Retail Trade (exc. cating)	42,575						96,118	60.23 %
Eating & Drinking Places	4,252	19,491	24,166	14,23:	37,890	38,226)0,1.0	
Finance & Insurance				226	43.946	606	44,552	98.64 %
Real Estate & Rentals	32,309				• 1			
Personal Services	14,011							55.21 %
Business Services	11,478					-	18,418	{
Automotive Repairs & Services	7,422	13,970	2,161	88	17,010	1,402	10,418	1
Miscellaneous Services	1			.,,,	464.333	472,631	936,853	49.55 %
All Industries	119,163	3 242,550	117,507	104,16	55 464,222	4/2,031	7,0,0,0	1
				L	L		<u> </u>	1

Note: Due to data suppressions made to avoid disclosure, the subtotals do not necessarily add up to totals. In most cases these discrepancies are not large.

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GEORGIA Page 31

	<u>Proprietors</u>	Less Than 20	<u>20-99</u>	<u>100-499</u>	Less Than 500	Over 500	Total Jobs	% Small Business
Agri. Serv., Forest., Fish., & Other								
Mining						ľ		
Construction	54,599	109,956	47,352	25,001	182,309	13,179	195,488	93.26 %
Food & Kindred Products	196	1,177	2,846	7,852	11,875	48,710	60,585	19.60 %
Textile Mill Products	65	1,407	4,763	12,348	18,518	83,383	101,901	18.17 %
Apparel & Other Textile Products	976	2,154	7,471	14,714	24,339	45,257	69,596	34.97 %
Lumber & Wood Products (exc. Furniture)	2,669	9,507	6,268	4,891	20,666	12,413	33,079	62.47 %
Furniture & Fixtures	1,432	2,725	2,863	2,194	7,782	5,091	12,873	60.45 %
Paper & Allied Products	•		·					
Printing & Publishing	1,057	7,087	7,295	4,953	19,335	21,170	40,505	47.73 %
Chemicals & Allied Products	135	1,070	2,111	3,287	6,468	15,535	22,003	29.40 %
Petroleum & Coal Products					l		ł	
Rubber & Misc. Plastic Products	8	741	3,238	3,689	7,668	9,620	17,288	44.35 %
Stone, Clay, Glass & Concrete Products	1,226	2,980	3,419	2,288	8,687	11,028	19,715	44.06 %
Primary Metal Industries							1	
Fabricated Metal Products (exc. mach.)	116	2,120	5,562	5,347	13,029	10,621	23,650	55.09 %
Machinery, Computer Eqpmnt (exc. elect.)	67	3,616	6,023	5,881	15,520	15,601	31,121	49.87 %
Electric & Electronic Equipment	180	918	1,662	3,113	5,693	28,691	34,384	16.56 %
Trans. Eqpmnt., Incl. Motor Vehicles	55	739	1,463	1,511	3,713	37,668	41,381	8.97 %
Instruments & Related Products	6	378	1,038	1,431	2,847	6,817	9,664	29.46 %
Misc. Manufacturing Industries	357	1,402	1,441	1,206	4,049	4,220	8,269	48.97 %
Transportation & Warehousing			\					
Communication	594	3,035	3,412	1,698	8,145	44,690	52,835	15.42 %
Electric, Gas & Sanitary Service	964	1,501	1,631	2,841	5,973	22,186	28,159	21.21 %
Wholesale & Retail Trade (exc. cating)	72,919	197,024	94,292	54,428	345,744	288,935	634,679	54.48 %
Eating & Drinking Places	5,303	32,348	47,620	27,093	107,061	84,925	191,986	55.77 %
Finance & Insurance	43,040	59,491	16,732	12,214	88,437	89,978	178,415	49.57 %
Real Estate & Rentals	59,503	72,122	7,466	5,942	85,530	5,275	90,805	94.19 %
Personal Services	24,797	40,370	5,865	1,882	48,117	7,930	56,047	85.85 %
Business Services	24,589	48,265	23,421	26,410	98,096	74,730	172,826	56.76 %
Automotive Repairs & Services	10,378	23,225	4,158	2,756	30,139	4,272	34,411	87.59 \$
Miscellaneous Services			1	l			l	l
All Industries	305,231	625,358	309,412	234,970	1,169,740	991,925	2,161,665	54.11 %

FLORIDA Page 32

	Proprietors	Less Than 20	<u>20-99</u>	<u>100-499</u>	Less Than 500	Over 500	Total Jobs	% Small Business
Agri. Serv., Forest., Fish., & Other								-
Mining		1	}			ł	Ì	
Construction	107,582	250,018	115,152	45,854	411,024	31,475	442,499	92.89 %
Food & Kindred Products	362	2,465	4,058	6,905	13,428	33,589	47,017	28.56 %
Textile Mill Products	ļ							
Apparel & Other Textile Products	486	5,381	11,171	11,911	28,463	4,912	33,375	85.28 %
Lumber & Wood Products (exc. Furniture)	2,860	8,367	7,555	4,353	20,275	5,313	25,588	79.24 %
Furniture & Fixtures	1,998	6,099	4,880	4,512	15,491	2,490	17,981	86.15 %
Paper & Allied Products	34	578	1,252	1,817	3,647	10,988	14,635	24.92 %
Printing & Publishing	3,456	16,258	10,859	7,169	34,286	30,856	65,142	52.63 %
Chemicals & Allied Products	170	1,881	2,979	2,039	6,899	14,783	21,682	31.82 %
Petroleum & Coal Products	•		·	·		ł	1	
Rubber & Misc. Plastic Products	31	2,196	5,945	4,994	13,135	6,702	19,837	66.21 %
Stone, Clay, Glass & Concrete Products	5,207	7,597	4,740	2,922	15,259	13,906	29,165	52.32 %
Primary Metal Industries	57	434	770	1,159	2,363	2,840	5,203	45.42 %
Fabricated Metal Products (exc. mach.)	214	5,678	10,633	10,200	26,511	10,181	36,692	72.25 %
Machinery, Computer Eqpmnt (exc. elect.)	555	6,286	7,909	5,452	19,647	19,624	39,271	50.03 %
Electric & Electronic Equipment	483	2,927	6,388	8,304	17,619	46,731	64,350	27.38 %
Trans. Egpmnt., Incl. Motor Vehicles	174	3,263	4,257	8,546	16,066	30,733	46,799	34.33 %
Instruments & Related Products	22	1,389	3,486	3,080	7,955	36,654	44,609	17.83 %
Misc. Manufacturing Industries	2,361	6,320	3,352	1,627	11,299	1,330	12,629	89.47 %
Transportation & Warehousing					1	1		
Communication	2,322	5,404	4,559	5,353	15,316	62,185	77,501	19.76 %
Electric, Gas & Sanitary Service	·		}					
Wholesale & Retail Trade (exc. cating)	164,018	413,890	175,005	106,711	695,606	531,724	1,227,330	56.68 %
Eating & Drinking Places	12,094	78,246	115,285	55,409	248,940	165,613	414,553	60.05 %
Finance & Insurance	75,114	108,336	30,631	29,220	168,187	180,071	348,258	48.29 %
Real Estate & Rentals	200,416	248,954	26,782	15,995	291,731	20,935	312,666	93.30 %
Personal Services	48,194	84,995	12,592	5,535	103,122	16,285	119,407	86.36 %
Business Services	75,075	134,059				142,696	375,110	61.96 %
Automotive Repairs & Services	18,554			1			74,750	77.93 9
Miscellaneous Services		1		,		1	})
All Industries	721,839	1,446,852	628,477	401,603	2,476,932	1,439,117	3,916,049	63.25
L			1	i	L	I	l	1

KENTUCKY Page 33

	<u>Proprietors</u>	Less Than 20	<u>20-99</u>	<u>100-499</u>	Less Than 500	Over 500	Total Jobs	% Small Business
Agri. Serv., Forest., Fish., & Other		· · · · · · · · · · · · · · · · · · ·						
Mining								
Construction		ì	ì		i	ì	i	
Food & Kindred Products	159	765	1,414	3,694	5,873	13,013	18,886	31.10 %
Textile Mill Products		ŀ	ŕ	·	Í	, I		
Apparel & Other Textile Products		1	i				i	
Lumber & Wood Products (exc. Furniture)	3,505	6,092	4,297	2,205	12,594	1,419	14,013	89.87 %
Furniture & Fixtures	260	733	851	1,017	2,601	1,768	4,369	59.53 %
Paper & Allied Products		i]			·		
Printing & Publishing	1,437	4,140	3,716	2,443	10,299	11,769	22,068	46.67 %
Chemicals & Allied Products	131	399	769	1,050	2,218	12,509	14,727	15.06 %
Petroleum & Coal Products				ŕ	,		·	
Rubber & Misc. Plastic Products	7	273	934	2,895	4,102	12,161	16,263	25.22 %
Stone, Clay, Glass & Concrete Products	754	1,836	1,863	932	4,631	5,436	10,067	46.00 %
Primary Metal Industries	9	153	226	937	1,316	15,566	16,882	7.80 %
Fabricated Metal Products (exc. mach.)	143	1,432	5,193	2,996	9,621	11,688	21,309	45.15 %
Machinery, Computer Eqpmnt (exc. elect.)	243	2,560	3,290	3,630	9,480	20,278	29,758	31.86 %
Electric & Electronic Equipment								
Trans. Eqpmnt., Incl. Motor Vehicles	14	237	1,006	2,651	3,894	17,726	21,620	18.01 %
Instruments & Related Products					1			
Misc. Manufacturing Industries	506	1,089	921	636	2,646	2,551	5,197	50.91 %
Transportation & Warehousing								
Communication	543	1,938	1,602	516	4,056	9,600	13,656	29.70%
Electric, Gas & Sanitary Service	1,034	1,701	1,229	1,524	4,454	11,539	15,993	27.85 %
Wholesale & Retail Trade (exc. eating)					1			
Eating & Drinking Places	3,421	18,365	29,365	19,661	67,391	28,859	96,250	70.02 %
Finance & Insurance	1	•						
Real Estate & Rentals	29,948	34,679	2,502	1,973	39,154	514	39,668	98.70 %
Personal Services	16,487	24,373	3,286	2,179	29,838	3,866	33,704	88.53 %
Business Services	17,146	25,258	8,138	10,066	43,462	20,931	64,393	67.49 %
Automotive Repairs & Services	8,998	15,001	2,629	339	17,969	1,592	19,561	91.86 %
Miscellaneous Services	Ì	1	1	1]
All Industries	84,745	141,024	73,231	61,344	275,599	202,785	478,384	57.61 %

TENNESSEE Page 34

Agri. Serv., Forest., Fish., & Other Mining Construction Food & Kindred Products Textile Mill Products Apparel & Other Textile Products Lumber & Wood Products (exc. Furniture) Furniture & Fixtures	43,892 241 60	81,313 1,091	34,603	17,452				
Construction Food & Kindred Products Textile Mill Products Apparel & Other Textile Products Lumber & Wood Products (exc. Furniture)	241 60		34,603	17 452)	ì	ì	
Construction Food & Kindred Products Textile Mill Products Apparel & Other Textile Products Lumber & Wood Products (exc. Furniture)	241 60		34,603	17 452				
Textile Mill Products Apparel & Other Textile Products Lumber & Wood Products (exc. Furniture)	60	1,091		17,474	133,368	7,123	140,491	94.93 %
Apparel & Other Textile Products Lumber & Wood Products (exc. Furniture)	1		1,884	3,829	6,804	31,191	37,995	17.91 %
Lumber & Wood Products (exc. Furniture)	3.71	276	1,761	5,136	7,173	15,242	22,415	32.00 %
Lumber & Wood Products (exc. Furniture)	216	1,058	7,666	14,838	23,562	35,758	59,320	39.72 %
Furniture & Fixtures	4,269	8,136	5,241	4,296	17,673	5,563	23,236	76.06 %
I ditiliale of I lyings	326	1,300	3,263	4,807	9,370	17,591	26,961	34.75 %
Paper & Allied Products		, , , , , , , , , , , , , , , , , , ,	•			1		
Printing & Publishing	1,768	6,065	7,095	4,716	17,876	19,023	36,899	48.45 %
Chemicals & Allied Products	175	716	1,251	2,859	4,826	39,259	44,085	10.95 %
Petroleum & Coal Products			·	·			ŀ	
Rubber & Misc. Plastic Products	17	793	2,033	3,787	6,613	21,088	27,701	23.87 %
Stone, Clay, Glass & Concrete Products	1,654	2,988	2,080	2,348	7,416	8,327	15,743	47.11 %
Primary Metal Industries	49	309	1,211	3,133	4,653	10,473	15,126	30.76 %
Fabricated Metal Products (exc. mach.)	408	2,558	6,118	6,428	15,104	22,101	37,205	40.60 %
Machinery, Computer Eqpmnt (exc. elect.)	486	4,207	5,946	4,245	14,398	29,054	43,452	33.14 %
Electric & Electronic Equipment	98	740	1,612	2,928	5,280	30,999	36,279	14.55 %
Trans. Eqpmnt., Incl. Motor Vehicles	117	824	2,060	3,159	6,043	28,559	34,602	17.46 %
Instruments & Related Products	14	413	612	1,002	2,027	7,701	9,728	20.84 %
Misc. Manufacturing Industries	1,012	2,221	2,021	2,448	6,690	7,302	13,992	47.81 %
Transportation & Warehousing	, i	·	·		1		ì	
Communication	666	2.246	2,259	1,480	5,985	15,821	21,806	27.45 %
Electric, Gas & Sanitary Service	1,175	1,632	898	1,701		3,641	7,872	53.75 %
Wholesale & Retail Trade (exc. cating)	64,630	158,768	76,041	41,343		178,688	454,840	60.71 %
Eating & Drinking Places	5,415	23,042	30,497	18,871		57,917	130,327	55.56 %
Finance & Insurance	,	,	,	ĺ	1	ŕ		
Real Estate & Rentals	45,302	54,302	3,915	3,512	61,729	2,627	64,356	95.92 %
Personal Services	21,399	33,090	6,124	2,864		6,057	48,135	87.42 %
Business Services	22,599	37,261	14,931	1	1	42,089	111,352	62.20 %
Automotive Repairs & Services	9,046	17,467	2,742			3,427	24,375	85.94 %
Miscellaneous Services	- ,0 - 0	,]	1	1	}	,,	
All Industries	225,034	442,816	223,864	174,992	841,672	646,621	1,488,293	56.55 %
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	Proprietors	Less Than 20	<u>20-99</u>	<u>100-499</u>	Less Than 500	Over 500	Total Jobs	% Small Business
Agri. Serv., Forest., Fish., & Other								
Mining		1	ì			ì	ľ	
Construction	27,137	57,174	29,375	13,347	99,896	27,786	127,682	78.24 %
Food & Kindred Products	35,372	36,052	1,937	5,123	43,112	26,337	69,449	62.08 %
Textile Mill Products	53	775	2,676	3,636	7,087	32,003	39,090	18.13 %
Apparel & Other Textile Products	318	1,117	3,873	10,736	15,726	40,807	56,533	27.82 %
Lumber & Wood Products (exc. Furniture)	5,356	12,227	6,795	6,779	25,801	6,848	32,649	79.03 %
Furniture & Fixtures	603	1,373	2,707	2,391	6,471	4,679	11,150	58.04 %
Paper & Allied Products	13	182	1,051	309	1,542	17,422	18,964	8.13 %
Printing & Publishing	1,139	3,825	2,334	2,582	8,741	6,099	14,840	58.90 %
Chemicals & Allied Products	113	518	577	827	1,922	11,134	13,056	14.72 %
Petroleum & Coal Products						1		
Rubber & Misc. Plastic Products	9	398	1,421	2,319	4,138	14,956	19,094	21.67 %
Stone, Clay, Glass & Concrete Products	1,731	2,728	1,521	2,103	6,352	3,853	10,205	62.24 %
Primary Metal Industries		•		•		·		
Fabricated Metal Products (exc. mach.)	140	2,202	4,756	5,016	11,974	13,584	25,558	46.85 %
Machinery, Computer Eqpmnt (exc. elect.)	268	2,793	4,454	2,901	10,148	15,212	25,360	40.02 %
Electric & Electronic Equipment	68	559	1,548	1,324		16,288	19,719	17.40 %
Trans. Eqpmnt., Incl. Motor Vehicles	163	939	1,629	2,322	4,890	18,593	23,483	20.82 %
Instruments & Related Products	7	235	334	1,260	•	2,770	4,599	39.77 %
Misc. Manufacturing Industries]	ĺ			· 1	
Transportation & Warehousing								
Communication	429	2,150	2,256	996	5,402	15,162	20,564	26.27 %
Electric, Gas & Sanitary Service	618	1,180	1,304				18,649	19.07 %
Wholesale & Retail Trade (exc. cating)	47,461	120,382	58,844			115,627	326,733	64.61 %
Eating & Drinking Places	3,338	17,601				33,543	85,160	60.61 %
Finance & Insurance	16,626	24,463	· ·		1		78,214	50.36 %
Real Estate & Rentals	27,024	33,056	1	1	37,850	1	1	93.43 %
Personal Services	13,746				27,613		31,025	89.00 %
Business Services	10,702	20,244	1	•	41,145	1	1	59.81 %
Automotive Repairs & Services	7,557		•	1		1	1	
Miscellaneous Services	,	,	,	1	1			\
All Industries	199,991	379,671	175,247	134,033	688,951	511,630	1,200,581	57.38 %
]				

Į	Proprietors	Less Than 20	<u>20-99</u>	<u>100-499</u>	Less Than 500	Over 500	Total Jobs	% Small Business
Agri. Serv., Forest., Fish., & Other								
Mining	1	ì			i		1	
Construction	16,836	31,876	12,027	4,474	48,377	3,325	51,702	93.57 %
Food & Kindred Products	83	624	1,462	3,276	5,362	18,771	24,133	22.22 %
Textile Mill Products								
Apparel & Other Textile Products	132	406	1,414	7,771	9,591	23,016	32,607	29.41 %
Lumber & Wood Products (exc. Furniture)	31,338	36,118	5,093	3,770	44,981	9,612	54,593	82.39 %
Furniture & Fixtures	297	1,091	3,318	7,816	12,225	13,881	26,106	46.83 %
Paper & Allied Products	7	101	330	1,333	1,764	7,368	9,132	19.32 %
Printing & Publishing	632	2,067	1,572	333	3,972	3,832	7,804	50.90 %
Chemicals & Allied Products		·						
Petroleum & Coal Products								
Rubber & Misc. Plastic Products	7	299	1,217	777	2,293	6,672	8,965	25.58 %
Stone, Clay, Glass & Concrete Products	736	1,338	557	1,005	2,900	3,332	6,232	46.53 %
Primary Metal Industries								
Fabricated Metal Products (exc. mach.)	89	790	1,581	1,603	3,974	9,914	13,888	28.61 %
Machinery, Computer Eqpmnt (exc. elect.)	124	1,384	1,529	1,234	4,147	11,088	15,235	27.22 %
Electric & Electronic Equipment			')			
Trans. Eqpmnt., Incl. Motor Vehicles	16,535	16,759	891	875	18,525	18,248	36,773	50.38%
Instruments & Related Products		i i		Ì]			
Misc. Manufacturing Industries	367	762	479	712	1,953	1,925	3,878	50.36 %
Transportation & Warehousing		Ì		}	}]		
Communication	296	1,325	1,319	981	3,625	7,542	11,167	32.46 %
Electric, Gas & Sanitary Service	239	1,232	1,145	1	3,918	6,783	10,701	36.61 %
Wholesale & Retail Trade (exc. eating)		\	\			1		1
Eating & Drinking Places	2,892	12,337	10,802	7,667	30,806	16,422	47,228	65.23 %
Finance & Insurance		1		ĺ	1		·	
Real Estate & Rentals	16,534	19,613	1,126	439	21,178	643	21,821	97.05 %
Personal Services	8,620		1 '	L.				
Business Services	5,830	1						
Automotive Repairs & Services	.,	1	, , , , ,	1	, , , , ,	1	1	
Miscellaneous Services			1				1	
All Industries	101,594	151,729	51,388	50,880	253,997	171,052	425,049	59.76

<u>Proprietors</u>	Less Than 20	<u>20-99</u>	<u>100-499</u>	Less Than 500	Over 500	Total Jobs	% Small Business
		1					
61	578	1,831	1,849	4,258	38,456	42,714	9.97 %
76	351	1,253	3,219	4,823	6,983	11,806	40.85 %
2,274	5,902	4,117	3,302	13,321	7,468		64.08 %
167	688	833	2,601	4,122			41.95 %
i			·	<u> </u>	ŕ	1	
663	2,422	1,810	1,539	5.771	6,579	12.350	46.73 %
169	397	235	· ·	1.501			22.73 %
				1,133	-,	-,	222
8	305	913	1.086	2.304	7.778	10.082	22.85 %
395	1.107		•	' 1			67.47 %
8,962	9,070	425	1.036				62.46 %
80	1,011	2,030					31.62 %
247	1,992	2,171		, -			36.51 %
64	347	804	2,959	1		- 1	21.57 %
6,188	6,600	1,031				·	47.91 %
		·		l ' l	,	, , , , , , , , , , , , , , , , , , ,	
357	881	735	1,301	2,917	1,198	4,115	70.89 %
					·	ĺ	
			l				
i							
2,843	13,208	16,303	7,423	36,934	13,431	50,365	73.33 %
		·		1	·	·	
19,575	23,013	1,458	1,302	25,773	1,437	27.210	94.72 %
10,403							94.52 %
	-		4,917				60.89 %
	· ·			1 '			92.53 %
- ,- = -]	,500	'''	[]
72,680	112,832	44,792	41,569	199,193	170,982	370,175	53.81 %
	61 76 2,274 167 663 169 8 395 8,962 80 247 64 6,188 357 2,843 19,575 10,403 14,219 5,929	61 578 76 351 2,274 5,902 167 688 663 2,422 169 397 8 305 395 1,107 8,962 9,070 80 1,011 247 1,992 64 347 6,188 6,600 357 881 2,843 13,208 19,575 23,013 10,403 15,126 14,219 19,632 5,929 10,202	61 578 1,831 76 351 1,253 2,274 5,902 4,117 167 688 833 663 2,422 1,810 169 397 235 8 305 913 395 1,107 1,440 8,962 9,070 425 80 1,011 2,030 247 1,992 2,171 64 347 804 6,188 6,600 1,031 357 881 735 2,843 13,208 16,303 19,575 23,013 1,458 10,403 15,126 1,777 14,219 19,632 4,720 5,929 10,202 906	61 578 1,831 1,849 76 351 1,253 3,219 2,274 5,902 4,117 3,302 167 688 833 2,601 663 2,422 1,810 1,539 169 397 235 869 8 305 913 1,086 395 1,107 1,440 906 8,962 9,070 425 1,036 247 1,992 2,171 2,294 64 347 804 2,959 6,188 6,600 1,031 1,300 357 881 735 1,301 2,843 13,208 16,303 7,423 19,575 23,013 1,458 1,302 10,403 15,126 1,777 796 14,219 19,632 4,720 4,917 5,929 10,202 906 258	61 578 1,831 1,849 4,258 76 351 1,253 3,219 4,823 2,274 5,902 4,117 3,302 13,321 167 688 833 2,601 4,122 663 2,422 1,810 1,539 5,771 169 397 235 869 1,501 8 305 913 1,086 2,304 395 1,107 1,440 906 3,453 8,962 9,070 425 1,036 10,531 8,062 9,070 425 1,036 10,531 8,01,011 2,030 2,612 5,653 247 1,992 2,171 2,294 6,457 64 347 804 2,959 4,110 6,188 6,600 1,031 1,300 8,931 357 881 735 1,301 2,917 2,843 13,208 16,303 7,423 36,934 19,575 23,013 1,458 1,302 25,773 10,403 15,126 1,777 796 17,699 14,219 19,632 4,720 4,917 29,269 5,929 10,202 906 258 11,366	61 578 1,831 1,849 4,258 38,456 76 351 1,253 3,219 4,823 6,983 2,274 5,902 4,117 3,302 13,321 7,468 167 688 833 2,601 4,122 5,705 663 2,422 1,810 1,539 5,771 6,579 169 397 235 869 1,501 5,102 8 305 913 1,086 2,304 7,778 395 1,107 1,440 906 3,453 1,665 8,962 9,070 425 1,036 10,531 6,329 80 1,011 2,030 2,612 5,653 12,225 247 1,992 2,171 2,294 6,457 11,227 64 347 804 2,959 4,110 14,941 6,188 6,600 1,031 1,300 8,931 9,712 357 881 735 1,301 2,917 1,198 2,843 13,208 16,303 7,423 36,934 13,431 19,575 23,013 1,458 1,302 25,773 1,437 10,403 15,126 1,777 796 17,699 1,027 14,219 19,632 4,720 4,917 29,269 18,802 5,929 10,202 906 258 11,366 917	61 578 1,831 1,849 4,258 38,456 42,714 76 351 1,253 3,219 4,823 6,983 11,806 2,274 5,902 4,117 3,302 13,321 7,468 20,789 167 688 833 2,601 4,122 5,705 9,827 663 2,422 1,810 1,539 5,771 6,579 12,350 169 397 235 869 1,501 5,102 6,603 8 305 913 1,086 2,304 7,778 10,082 395 1,107 1,440 906 3,453 1,665 5,118 8,962 9,070 425 1,036 10,531 6,329 16,860 80 1,011 2,030 2,612 5,653 12,225 17,878 247 1,992 2,171 2,294 6,457 11,227 17,684 64 3,47 804 2,959 4,110 14,941 19,051 6,188 6,600 1,031 1,300 8,931 9,712 18,643 357 881 735 1,301 2,917 1,198 4,115 2,843 13,208 16,303 7,423 36,934 13,431 50,365 19,575 23,013 1,458 1,302 25,773 1,437 27,210 10,403 15,126 1,777 796 17,699 1,027 18,726 14,219 19,632 4,720 4,917 29,269 18,802 48,071 5,929 10,202 906 258 11,366 917 12,283

<u>Proprietors</u>	Less Than 20	<u>20-99</u>	100-499	Less Than 500	Over 500	Total Jobs	% Small Business
ì						ľ	
21,543	45,476	23,217	16,819	85,512	29,028	114,540	74.66 %
137	1,148	4,939	2,806	8,893	9,734	18,627	47.74 %
				·			
47	277	758	2,261	3,296	8,230	11,526	28.60 %
848	3,958	2,348	1,176	7,482	5,351	12,833	58.30 %
				·			
942	3,611	2,073	1,433	7,117	3,673	10,790	65.96 %
	554	· · · · · · · · · · · · · · · · · · ·	880		25,954	28,465	8.82 %
}		,		'	Ť	ŕ	
15	325	582	1,843	2,750	1,059	3,809	72.20 %
418	1,164	1,253	1,183	3,600	2,380	5,980	60.20 %
	,	,	<u> </u>	,	ŕ	ĺ	
283	1,433	3,077	1,757	6,267	6,608	12,875	48.68 %
449	2,571	3,589	1,359	7,519	3,077	10,596	70.96 %
61	272		524	1,410	4,850	6,260	22.52 %
2,978	3,606	1,383	3,416		19,493	27,898	30.13 %
16	203	116	297	616	592	1,208	50.99 %
441	1,005	732	509	2,246	0	2,246	100.00 %
		ì		1			
303	1,270	2,115	1,090	4,475	13,428	17,903	25.00%
655	1,558			4,350			20.00 %
		ļ					
5,039	20,149	25,423	16,972	62,544	36,095	98,639	63.41 %
		1				[
26,112	32,638	2,973	2,062	37,673	1,311	38,984	96.64 %
	. ,			•			
	1	1	1	1	1		
]	1]]		
98,826	185,444	96,724	75,518	357,686	217,119	574,805	62.23 %
	21,543 137 47 848 942 137 15 418 283 449 61 2,978 16 441 303 655 5,039 26,112 14,899 18,171 5,332	21,543	21,543 45,476 23,217 137 1,148 4,939 47 277 758 848 3,958 2,348 942 3,611 2,073 137 554 1,077 15 325 582 418 1,164 1,253 283 1,433 3,077 449 2,571 3,589 61 272 614 2,978 3,606 1,383 16 203 116 441 1,005 732 303 1,270 2,115 655 1,558 1,320 5,039 20,149 25,423 26,112 32,638 2,973 14,899 21,950 3,465 18,171 30,179 13,474 5,332 12,097 2,196	21,543 45,476 23,217 16,819 137 1,148 4,939 2,806 47 277 758 2,261 848 3,958 2,348 1,176 942 3,611 2,073 1,433 137 554 1,077 880 15 325 582 1,843 418 1,164 1,253 1,183 283 1,433 3,077 1,757 449 2,571 3,589 1,359 61 272 614 524 2,978 3,606 1,383 3,416 297 441 1,005 732 509 303 1,270 2,115 1,090 655 1,558 1,320 1,472 5,039 20,149 25,423 16,972 26,112 32,638 2,973 2,062 14,899 21,950 3,465 910 18,171 30,179 13,474 16,219 5,332 12,097 2,196 530	21,543 45,476 23,217 16,819 85,512 137 1,148 4,939 2,806 8,893 47 277 758 2,261 3,296 848 3,958 2,348 1,176 7,482 942 3,611 2,073 1,433 7,117 137 554 1,077 880 2,511 15 325 582 1,843 2,750 418 1,164 1,253 1,183 3,600 283 1,433 3,077 1,757 6,267 449 2,571 3,589 1,359 7,519 61 272 614 524 1,410 2,978 3,606 1,383 3,416 8,405 16 203 116 297 616 441 1,005 732 509 2,246 303 1,270 2,115 1,090 4,475 655 1,558 1,320 1,472 4,350 5,039 20,149 25,423 16,972 62,544 26,112 32,638 2,973 2,062 37,673 14,899 21,950 3,465 910 26,325 <	21,543	21,543

	<u>Proprietors</u>	Less Than 20	<u>20-99</u>	100-499	Less Than 500	Over 500	Total Jobs	% Small Business
Agri. Serv., Forest., Fish., & Other								
Mining								
Construction								
Food & Kindred Products	49	839	1,118	1,893	3,850	10,151	14,001	27.50 %
Textile Mill Products			.,	-,	-,	,	,	
Apparel & Other Textile Products	105	418	947	1,459	2,824	4,717	7,541	37.45 %
Lumber & Wood Products (exc. Furniture)				ŕ	·			
Furniture & Fixtures							1	
Paper & Allied Products						i		
Printing & Publishing	977	3,909	2,399	1,630	7,938	4,432	12,370	64.17 %
Chemicals & Allied Products	58	413	553	653	1,619	2,041	3,660	44.23 %
Petroleum & Coal Products					ĺ	,		
Rubber & Misc. Plastic Products	9	500	1,061	1,334	2,895	8,744	11,639	24.87 %
Stone, Clay, Glass & Concrete Products	213	932	1,084	1,540	3,556	5,587	9,143	38.89 %
Primary Metal Industries	22	279	831	1,944	3,054	2,632	5,686	53.71 %
Fabricated Metal Products (exc. mach.)	143	2,434	3,944	4,480	10,858	6,760	17,618	61.63 %
Machinery, Computer Eqpmnt (exc. elect.)	355	3,394	3,569	3,122	10,085	16,594	26,679	37.80 %
Electric & Electronic Equipment	190	605	1,270	1,158	3,033	10,097	13,130	23.10 %
Trans. Eqpmnt., Incl. Motor Vehicles	292	803	1,487	1,051	3,341	16,085	19,426	17.20 %
Instruments & Related Products	18	466	476	1,281	2,223	2,756	4,979	44.65 %
Misc. Manufacturing Industries						,	·	:
Transportation & Warehousing			ı					
Communication	200	1,225	1,395	881	3,501	10,362	13,863	25.25 %
Electric, Gas & Sanitary Service	1,087	1,897	1,518	1,132	4,547	11,442	15,989	28.44 %
Wholesale & Retail Trade (exc. eating)	35,159	92,576	39,409	23,872	155,857	82,299	238,156	65.44 %
Eating & Drinking Places	4,184	19,558	19,557	12,936	52,051	27,532	79,583	65.40 %
Finance & Insurance			1					
Real Estate & Rentals	27,302	32,520	2,546	2,568	37,634	1,801	39,435	95.43 %
Personal Services	15,616	21,685	2,769	1,737	26,191	2,403	28,594	91.60 %
Business Services	22,167	30,698		8,021	45,902	15,538	1	74.71 9
Automotive Repairs & Services	7,139	12,056	1,483	329	13,868	4,428		
Miscellaneous Services						·		l .
All Industries	115,285	227,207	94,599	73,021	394,827	246,401	641,228	61.57 9

	<u>Proprietors</u>	Less Than 20	<u>20-99</u>	100-499	Less Than 500	Over 500	Total Jobs	% Small Business
Agri. Scrv., Forest., Fish., & Other							l	
Mining]			
Construction	114,443	224,917	94,447	45,468	364,832	92,065	456,897	79.85 %
Food & Kindred Products	410	3,710	7,838	13,225	24,773	68,974	93,747	26.43 %
Textile Mill Products					ŀ			
Apparel & Other Textile Products	852	4,298	7,761	10,714	22,773	26,391	49,164	46.32 %
Lumber & Wood Products (exc. Furniture)	2,180	7,033	6,113	7,002	20,148	9,041	29,189	69.03 %
Furniture & Fixtures	1,024	2,973	3,594	4,749	11,316	4,379	15,695	72.10 %
Paper & Allied Products	60	745	2,522	3,254	6,521	18,901	25,422	25.65 %
Printing & Publishing	6,829	22,136	14,233	10,887	47,256	29,981	77,237	61.18 %
Chemicals & Allied Products	876	3,302	3,786	7,920	15,008	69,047	84,055	17.85 %
Petroleum & Coal Products	54	494	730	1,456	2,680	25,990	28,670	9.35 %
Rubber & Misc. Plastic Products	80	2,719	7,272	8,766	18,757	21,056	39,813	47.11 %
Stone, Clay, Glass & Concrete Products	3,500	6,812	5,007	5,687	17,506	20,386	37,892	46.20 %
Primary Metal Industries	141	1,205	3,567	3,965	8,737	20,211	28,948	30.18 %
Fabricated Metal Products (exc. mach.)	1,151	10,282	18,290	16,472	45,044	38,350	83,394	54.01 %
Machinery, Computer Eqpmnt (exc. elect.)	1,314	14,075	18,736	15,165	47,976	63,003	110,979	43.23 %
Electric & Electronic Equipment	520	3,451	6,789	10,131	20,371	74,905	95,276	21.38 %
Trans. Eqpmnt., Incl. Motor Vehicles	288	2,828	3,838	4,889	11,555	83,072	94,627	12.21 %
Instruments & Related Products	47	2,063	3,536	3,814	9,413	45,595	55,008	17.11 %
Misc. Manufacturing Industries	3,072	7,046	3,658	3,472	14,176	4,332	18,508	76.59 %
Transportation & Warehousing	ľ]	1	l '		1	
Communication	2,625	7,320	8,278	6,772	22,370	69,325	91,695	24.40%
Electric, Gas & Sanitary Service	3,801	7,518	4,901	4,751	17,170	65,165	82,335	20.85 %
Wholesale & Retail Trade (exc. cating)	157,584	445,960	208,710	143,328	79 7,998	650,832	1,448,830	55.08 %
Eating & Drinking Places	17,670	87,312	115,775	75,411	278,498	171,844	450,342	61.84 %
Finance & Insurance	113,706	160,715	56,016	39,225	255,956	188,474	444,430	57.59 %
Real Estate & Rentals	153,430	188,421	20,213	22,553	231,187	29,204	260,391	88.78 %
Personal Services	66,041	101,892	17,500	9,150	128,542	21,109	149,651	85.89 %
Business Services	112,077	169,627	66,620	78,820	315,067	197,049	512,116	61.52 %
Automotive Repairs & Services	27,872	60,234	11,689	6,272	78,195	9,689	87,884	88.98 %
Miscellaneous Services				Ì				
All Industries	791,647	1,549,088	721,419	563,318	2,833,825	2,118,370	4,952,195	57.22 %
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	Proprietors	Less Than 20	20-99	100-499	Less Than 500	Over 500	Total Jobs	% Small Business
Agri. Serv., Forest., Fish., & Other								
Mining			1			ŀ		
Construction					i			
Food & Kindred Products								
Textile Mill Products							ŀ	
Apparel & Other Textile Products								
Lumber & Wood Products (exc. Furniture)	1,017	2,893	1,621	750	5,264	3,970	9,234	57.01 %
Furniture & Fixtures						1		ľ
Paper & Allied Products								
Printing & Publishing					1			l l
Chemicals & Allied Products	ł						1	
Petroleum & Coal Products						}	1	
Rubber & Misc. Plastic Products								ì
Stone, Clay, Glass & Concrete Products								
Primary Metal Industries						-		
Fabricated Metal Products (exc. mach.)								
Machinery, Computer Eqpmnt (exc. elect.)								
Electric & Electronic Equipment								
Trans. Eqpmnt., Incl. Motor Vehicles								
Instruments & Related Products		-			ļ			
Misc. Manufacturing Industries	281	531	311	543	1,385	O	1,385	100.00 %
Transportation & Warehousing					l i		l	
Communication								
Electric, Gas & Sanitary Service	158	520	621	υ	1,141	3,359	4,500	25.36 %
Wholesale & Retail Trade (exc. eating)		ļ			i			
Eating & Drinking Places	1,939	11,091	8,519	2,307	21,917	3,475	25,392	86.31 %
Finance & Insurance								
Real Estate & Rentals								
Personal Services		Į.				ì		
Business Services				į				
Automotive Repairs & Services	2,276	4,128	380	125	4,633	203	4,836	95.80 %
Miscellaneous Services					ļ	1		
All Industries	5,671	19,163	11,452	3,725	34,340	11,007	45,347	75.73 %
	<u> </u>						l	<u> </u>

<u>Proprietors</u>	Less Than 20	<u> 20-99</u>	<u>100-499</u>	Less Than 500	Over 500	Total Jobs	% Small Business
	1						
l	Į		į			Į	
68	294	597	2,669	3,560	12,568	16,128	22.07 %
ì	Į.	į		l		Į.	
					1		
2,026	4,628	2,959	2,680	10,267	5,244	15,511	66.19 %
Ì]	1	Ì	
193	1,120	633	537	2,290	2,453	4,743	48.28 %
			Ì	Ì	ì	ì	1
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	'	'					
		Į					
174	762	306	217	1,285	2,596	3,881	33.11 %
)		1		'		
1,475	9,343	9,302	4,214	22,859	3,751	26,610	85.90 %
			ĺ	Į .			
12,586	14,285	610	315	15,210	31	15,241	99.80 %
,	(l	1	ł		
6,274	9,230	1,717	2,040	12,987	1,731	14,718	88.24 %
		1				5,846	95.35 %
,	·]	ì	
25,429	44,686	16,592	12,754	74,032	28,646	102,678	72.10 %
	174 1,475 12,586 6,274 2,633	68 294 2,026 4,628 193 1,120 174 762 1,475 9,343 12,586 14,285 6,274 9,230 2,633 5,024	68 294 597 2,026 4,628 2,959 193 1,120 633 1,475 9,343 9,302 12,586 14,285 610 6,274 9,230 1,717 2,633 5,024 468	68 294 597 2,669 2,026 4,628 2,959 2,680 193 1,120 633 537 1,475 9,343 9,302 4,214 12,586 14,285 610 315 6,274 9,230 1,717 2,040 2,633 5,024 468 82	68 294 597 2,669 3,560 2,026 4,628 2,959 2,680 10,267 193 1,120 633 537 2,290 1,475 9,343 9,302 4,214 22,859 12,586 14,285 610 315 15,210 6,274 9,230 1,717 2,040 12,987 2,633 5,024 468 82 5,574	68 294 597 2,669 3,560 12,568 2,026 4,628 2,959 2,680 10,267 5,244 193 1,120 633 537 2,290 2,453 1,475 9,343 9,302 4,214 22,859 3,751 12,586 14,285 610 315 15,210 31 6,274 9,230 1,717 2,040 12,987 1,731 2,633 5,024 468 82 5,574 272	68 294 597 2,669 3,560 12,568 16,128 2,026 4,628 2,959 2,680 10,267 5,244 15,511 193 1,120 633 537 2,290 2,453 4,743 1,475 9,343 9,302 4,214 22,859 3,751 26,610 12,586 14,285 610 315 15,210 31 15,241 6,274 9,230 1,717 2,040 12,987 1,731 14,718 2,633 5,024 468 82 5,574 272 5,846

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	<u>Proprietors</u>	Less Than 20	<u>20-99</u>	100-499	Less Than 500	Over 500	Total Jobs	% Small Business
Agri. Serv., Forest., Fish., & Other				· · · · · ·				
Mining				ł				
Construction								
Food & Kindred Products			ì		İ			
Textile Mill Products								
Apparel & Other Textile Products								
Lumber & Wood Products (exc. Furniture)		,						ì
Furniture & Fixtures		Ì						
Paper & Allied Products					ľ			
Printing & Publishing					İ	İ		ľ
Chemicals & Allied Products								
Petroleum & Coal Products							1	
Rubber & Misc. Plastic Products								
Stone, Clay, Glass & Concrete Products							ŀ	
Primary Metal Industries		Ì					l l	
Fabricated Metal Products (exc. mach.)								
Machinery, Computer Eqpmnt (exc. elect.)								
Electric & Electronic Equipment					 			
Trans. Eqpmnt., Incl. Motor Vehicles								
Instruments & Related Products								
Misc. Manufacturing Industries					1			
Transportation & Warehousing								
Communication	52	458	266	0	724	1,323	2,047	35.37 %
Electric, Gas & Sanitary Service								1
Wholesale & Retail Trade (exc. cating)			Ì					
Eating & Drinking Places	735	4,574	4,950	2,523	12,047	1,971	14,018	85.94 %
Finance & Insurance		1	l.	}	\	l '		
Real Estate & Rentals		ļ		ļ				
Personal Services]					
Business Services	3,165	4,536	638	33	5,207	950	6,157	84.57 %
Automotive Repairs & Services		1	l .	1				
Miscellaneous Services				1				
All Industries	3,952	9,568	5,854	2,556	17,978	4,244	22,222	80.90 %
			l]	<u> </u>	1	1	

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	Proprietors	Less Than 20	20-99	100-499	Less Than 500	Over 500	Total Jobs	% Small Business
Agri. Serv., Forest., Fish., & Other			·					
Mining						i	ľ	
Construction	30,757	60,490	22,262	7,882	90,634	7,255	97,889	92.59 %
Food & Kindred Products	63	1,044	2,124	2,568	5,736	19,184	24,920	23.02 %
Textile Mill Products	10	134	319	0	453	0	453	100,00 %
Apparel & Other Textile Products	889	1,570	864	932	3,366	1,064	4,430	75.98 %
Lumber & Wood Products (exc. Furniture)		ı					ı	1
Furniture & Fixtures					ì]	ì	
Paper & Allied Products	ì			'		i	Ĭ	
Printing & Publishing	973	5,660	4,782	1,955	12,397	11,766	24,163	51.31 %
Chemicals & Allied Products					1	}	i	
Petroleum & Coal Products					[
Rubber & Misc. Plastic Products	19	679	1,685	1,354	3,718	3,909	7,627	48.75 %
Stone, Clay, Glass & Concrete Products	1,361	2,229	1,595	492	4,316	4,188	8,504	50.75 %
Primary Metal Industries					1			
Fabricated Metal Products (exc. mach.)	191	1,751	2,917	2,043		10,729	17,440	38.48 %
Machinery, Computer Eqpmnt (exc. elect.)	319	2,664	3,478	3,447	9,589	19,999	29,588	32.41 %
Electric & Electronic Equipment	413	1,401	2,063	2,769	6,233	9,205	15,438	40.37 %
Trans. Eqpmnt., Incl. Motor Vehicles			ļ					
Instruments & Related Products	16	781	1,474	2,481	. , ,	17,807	22,543	21.01%
Misc. Manufacturing Industries	1,392	2,513	1,039	1,127	4,679	817	5,496	85.13 %
Transportation & Warehousing			Į	[
Communication	857	2,210	1,812	1,404	5,426	27,625	33,051	16.42 %
Electric, Gas & Sanitary Service	613	1,373	1,581	742	3,696	9,908	13,604	27.17 %
Wholesale & Retail Trade (exc. eating)	1]	}]	1]		
Eating & Drinking Places	3,690	26,513	38,005	14,905	79,423	33,218	112,641	70.51 %
Finance & Insurance	29,694	40,881	11,333	7,850	60,064	44,492	104,556	57.45 %
Real Estate & Rentals	57,341	67,529	7,548	4,096	79,173	2,988	82,161	96.36 %
Personal Services	21,691	30,223	3,688	1,374	35,285	4,067	39,352	89.67 %
Business Services	33,911	49,765	15,490	15,174	80,429	30,231	110,660	72.68 %
Automotive Repairs & Services	6,131	14,095	2,469	792	17,356	2,495	19,851	87.43 %
Miscellaneous Services								
All Industries	190,331	313,505	126,528	73,387	513,420	260,947	774,367	66.30 %
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	Proprietors	Less Than 20	20-99	100-499	Less Than 500	Over 500	Total Jobs	% Small Business
Agri. Serv., Forest., Fish., & Other						•		
Mining			į			İ		
Construction			1		1		j	
Food & Kindred Products	52	359	599	495	1,453	1,968	3,421	42.47 %
Textile Mill Products		1			,	-,	· 1	
Apparel & Other Textile Products			ŀ					
Lumber & Wood Products (exc. Furniture)	72	620	901	844	2,365	597	2,962	79.84 %
Furniture & Fixtures			ì	Ì		ì	· 1	
Paper & Allied Products								
Printing & Publishing					1			
Chemicals & Allied Products								
Petroleum & Coal Products			}					
Rubber & Misc. Plastic Products		ì					ì	
Stone, Clay, Glass & Concrete Products							1	
Primary Metal Industries		ì						
Fabricated Metal Products (exc. mach.)			i	l l				
Machinery, Computer Eqpmnt (exc. elect.)								
Electric & Electronic Equipment						1	Ì	
Trans. Eqpmnt., Incl. Motor Vehicles								
Instruments & Related Products]			
Misc. Manufacturing Industries	383	1,104	1,040	605	2,749	U	2,749	100.00 %
Transportation & Warehousing					,			
Communication	735	1,462	761	420	2,643	5,280	7,923	33.36 %
Electric, Gas & Sanitary Service		ļ]		
Wholesale & Retail Trade (exc. eating)		ļ						
Eating & Drinking Places	1,639	10,077	15,375	8,910	34,362	8,506	42,868	80.16 %
Finance & Insurance		ł						
Real Estate & Rentals	14,694	18,190	921	374	19,485	519	20,004	97.41 %
Personal Services	5,604	8,638	1,299	210	10,147	1,042	11,189	90.69 %
Business Services	13,161	17,171	3,228	4,183	24,582	7,242	31,824	77.24 %
Automotive Repairs & Services	2,389	5,759	762	259	6,780	662	7,442	91.10%
Miscellaneous Services			1	[1
All Industries	38,729	63,380	24,886	16,300	104,566	25,816	130,382	80.20 %
	l	1			<u> </u>	l		

128 489 215 3,776 1,106 38 6 695 44 374	749 1,089 1,371 4,678 4,744 415 636 1,557 243	1,767 1,426 2,110 1,163 3,655 455 1,828 1,872	1,338 886 1,609 415 1,704 367	3,854 3,401 5,090 6,256 10,103 1,237 3,574	4,824 1,855 2,794 827 7,274 3,705	8,678 5,256 7,884 7,083 17,377 4,942	44.41 % 64.71 % 64.56 % 88.32 % 58.14 % 25.03 %
128 489 215 3,776 1,106 38 6 695 44	1,089 1,371 4,678 4,744 415 636 1,557	1,426 2,110 1,163 3,655 455 1,828 1,872	886 1,609 415 1,704 367	3,401 5,090 6,256 10,103 1,237	1,855 2,794 827 7,274 3,705	5,256 7,884 7,083 17,377 4,942	64.71 % 64.56 % 88.32 % 58.14 %
489 215 3,776 1,106 38 6 695 44	1,089 1,371 4,678 4,744 415 636 1,557	1,426 2,110 1,163 3,655 455 1,828 1,872	886 1,609 415 1,704 367	3,401 5,090 6,256 10,103 1,237	1,855 2,794 827 7,274 3,705	5,256 7,884 7,083 17,377 4,942	64.71 % 64.56 % 88.32 % 58.14 %
489 215 3,776 1,106 38 6 695 44	1,089 1,371 4,678 4,744 415 636 1,557	1,426 2,110 1,163 3,655 455 1,828 1,872	886 1,609 415 1,704 367	3,401 5,090 6,256 10,103 1,237	1,855 2,794 827 7,274 3,705	5,256 7,884 7,083 17,377 4,942	64.71 % 64.56 % 88.32 % 58.14 %
215 3,776 1,106 38 6 695 44	1,371 4,678 4,744 415 636 1,557	2,110 1,163 3,655 455 1,828 1,872	1,609 415 1,704 367	5,090 6,256 10,103 1,237	2,794 827 7,274 3,705	7,884 7,083 17,377 4,942	64.56 % 88.32 % 58.14 %
215 3,776 1,106 38 6 695 44	1,371 4,678 4,744 415 636 1,557	2,110 1,163 3,655 455 1,828 1,872	1,609 415 1,704 367	5,090 6,256 10,103 1,237	2,794 827 7,274 3,705	7,884 7,083 17,377 4,942	64.56 % 88.32 % 58.14 %
3,776 1,106 38 6 695 44	4,678 4,744 415 636 1,557	1,163 3,655 455 1,828 1,872	1,704 367	6,256 10,103 1,237	7,274 3,705	7,083 17,377 4,942	88.32 % 58.14 %
1,106 38 6 695 44	4,744 415 636 1,557	3,655 455 1,828 1,872	1,704 367 1,110	10,103 1,237	7,274 3,705	17,377 4,942	58.14 %
38 6 695 44	4,744 415 636 1,557	1,828 1,872	367 1,110	1,237	3,705	4,942	
38 6 695 44	415 636 1,557	1,828 1,872	367 1,110	1,237	3,705	4,942	
38 6 695 44	415 636 1,557	1,828 1,872	367 1,110	1,237	3,705	4,942	25.03 %
695 44	1,557	1,872				~ \	
695 44	1,557	1,872		3 574	2 2201		
44	1,557	1,872	, , , , ,		2,239	5,813	61.48 %
	, ,	*. I	1,093	4,522	3,628	8,150	55.48 %
274		336	624	1,203	5,522	6,725	17.89 %
3/41	2,209	2,951	1,815		2,967	9,942	70.16 %
487	3,019	4,438	1,905		10,552	19,914	47.01 %
40	920	2,701	3,164		32,753	39,538	17.16 %
2,462	2,950	718	1,775		29,753	35,196	15.46 %
·	,		ŕ		·		
			'	1	1		
393	1,226	1,225	1,154	3,605	15,780	19,385	18.60 %
310	1,015	567	1,680	3,262	11,039	14,301	22.81 %
34,656	91,200	46,014	29,118		132,051	298,383	55.74 %
		32,955	16,898				65.94 %
,	,	•	· ·	·	ŕ	,	
61,134	69,818	6,961	4,700	81.479	2,512	83,991	97.01 %
,		-		,			86.56 %
			· '				64.63 %
•	,	•		•			1
-,]	_,,,,]				
150.965	283.384	135.287	89.247	507 918	352,701	860,619	59.02 %
	34,656 3,399 61,134 12,682 22,809 5,722	310 1,015 34,656 91,200 3,399 23,355 61,134 69,818 12,682 21,797	310 1,015 567 34,656 91,200 46,014 3,399 23,355 32,955 61,134 69,818 6,961 12,682 21,797 4,306 22,809 36,328 14,062 5,722 14,065 3,777	310 1,015 567 1,680 34,656 91,200 46,014 29,118 3,399 23,355 32,955 16,898 61,134 69,818 6,961 4,700 12,682 21,797 4,306 1,406 22,809 36,328 14,062 14,909 5,722 14,065 3,777 1,577	310 1,015 567 1,680 3,262 34,656 91,200 46,014 29,118 166,332 3,399 23,355 32,955 16,898 73,208 61,134 69,818 6,961 4,700 81,479 12,682 21,797 4,306 1,406 27,509 22,809 36,328 14,062 14,909 65,299 5,722 14,065 3,777 1,577 19,419	310 1,015 567 1,680 3,262 11,039 34,656 91,200 46,014 29,118 166,332 132,051 3,399 23,355 32,955 16,898 73,208 37,813 61,134 69,818 6,961 4,700 81,479 2,512 12,682 21,797 4,306 1,406 27,509 4,270 22,809 36,328 14,062 14,909 65,299 35,732 5,722 14,065 3,777 1,577 19,419 4,811	310 1,015 567 1,680 3,262 11,039 14,301 34,656 91,200 46,014 29,118 166,332 132,051 298,383 3,399 23,355 32,955 16,898 73,208 37,813 111,021 61,134 69,818 6,961 4,700 81,479 2,512 83,991 12,682 21,797 4,306 1,406 27,509 4,270 31,779 22,809 36,328 14,062 14,909 65,299 35,732 101,031 5,722 14,065 3,777 1,577 19,419 4,811 24,230

	<u>Proprietors</u>	Less Than 20	<u>20-99</u>	100-499	Less Than 500	Over 500	Total Jobs	% Small Business
Agri. Serv., Forest., Fish., & Other					-			
Mining		ì			ľ	Ì	ľ	
Construction								
Food & Kindred Products	53	661	1,975	1,892	4,528	5,717	10,245	44.20 %
Textile Mill Products	ľ	j	, i	•	<u> </u>		´ \	· ·
Apparel & Other Textile Products	822	1,176	1,379	1,222	3,777	2,031	5,808	65.03 %
Lumber & Wood Products (exc. Furniture)	4,320	4,965	1,089	386	6,440	801	7,241	88.94 %
Furniture & Fixtures	· 1	· ·	<i></i>		·		<u> </u>	ı
Paper & Allied Products								
Printing & Publishing	871	2,585	1,785	1,596	5,966	4,190	10,156	58.74 %
Chemicals & Allied Products	42	292	394	898	1,584	1,653	3,237	48.93 %
Petroleum & Coal Products					,	·	, I	
Rubber & Misc. Plastic Products	8	397	715	785	1,897	479	2,376	79.84 %
Stone, Clay, Glass & Concrete Products	54	344	672	848	1,864	880	2,744	67.93 %
Primary Metal Industries								
Fabricated Metal Products (exc. mach.)	45	1,007	2,105	1,861	4,973	2,656	7,629	65.19 %
Machinery, Computer Eqpmnt (exc. elect.)	576	1,712	1,722	606	4,040	6,083	10,123	39.91 %
Electric & Electronic Equipment	172	635	1,059	1,739	3,433	4,315	7,748	44.31 %
Trans. Eqpmnt., Incl. Motor Vehicles								
Instruments & Related Products	7	344	718	838	1,900	5,902	7,802	24.35 %
Misc. Manufacturing Industries	662	1,264	863	351	2,478	3,413	5,891	42.06 %
Transportation & Warehousing								
Communication	130	636	552	430	1,618	5,469	7,087	22.83 %
Electric, Gas & Sanitary Service							·	
Wholesale & Retail Trade (exc. cating)								
Eating & Drinking Places	1,198	9,563	14,628	8,400	32,591	11,336	43,927	74.19 %
Finance & Insurance]					
Real Estate & Rentals	16,010	19,098	1,827	1,545	22,470	1,041	23,511	95.57 %
Personal Services	7,248	10,126	1,544	1,210	12,880	1,000	13,880	92.80 %
Business Services	10,489	15,843	6,943	6,818	29,604	22,246	51,850	57.10 %
Automotive Repairs & Services			l	[1	1	1	
Miscellaneous Services		Į.	ļ	į.	l .	Į.	Į.	l
All Industries	42,707	70,648	39,970	31,425	142,043	79,212	221,255	64.20 %

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	<u>Proprietors</u>	Less Than 20	<u>20-99</u>	100-499	Less Than 500	Over 500	Total Jobs	% Small Business
Agri. Serv., Forest., Fish., & Other								
Mining								
Construction	i	i					1	
Food & Kindred Products	29	260	351	388	999	651	1,650	60.55 %
Textile Mill Products								
Apparel & Other Textile Products						i i		
Lumber & Wood Products (exc. Furniture)]	1]		i	Ì		
Furniture & Fixtures					,			
Paper & Allied Products						1		
Printing & Publishing	330	1,307	1,123	565	2,995	1,538	4,533	66.07 %
Chemicals & Allied Products		i	1					
Petroleum & Coal Products								
Rubber & Misc. Plastic Products			ì					
Stone, Clay, Glass & Concrete Products								
Primary Metal Industries	i							
Fabricated Metal Products (exc. mach.)	83	492	653	450	1,595	931	2,526	63.14 %
Machinery, Computer Eqpmnt (exc. elect.)	90	562	490	784	1,836	686	2,522	72.80 %
Electric & Electronic Equipment								
Trans. Eqpmnt., Incl. Motor Vehicles							ì	
Instruments & Related Products					i			
Misc. Manufacturing Industries					<u> </u>			
Transportation & Warehousing	Ì					}		
Communication	463	885	662	776	2,323	4,383	6,706	34.64 %
Electric, Gas & Sanitary Service		i i						j
Wholesale & Retail Trade (exc. cating)]	İ		
Eating & Drinking Places	1,188	8,992	12,252	4,893	26,137	11,045	37,182	70.29 %
Finance & Insurance					1		ļ	
Real Estate & Rentals	17,038	20,731	3,436	1,906	26,073	630	26,703	97.64 %
Personal Services	4,108	6,617	1,623	733	8,973	2,133	11,106	80.79 %
Business Services	8,745	13,952	5,584	4,177	23,713	9,410	33,123	71.59 %
Automotive Repairs & Services	1,385	4,434	1,520	528	6,482	2,798	9,280	69.85 %
Miscellaneous Services		1			1	1	1	
All Industries	33,459	58,232	27,694	15,200	101,126	34,205	135,331	74.72 %

	Proprietors	Less Than 20	<u>20-99</u>	100-499	Less Than 500	Over 500	Total Jobs	% Small Business
Agri. Serv., Forest., Fish., & Other								
Mining	i							
Construction	37,701	91,738	38,335	17,475	147,548	9,511	157,059	93.94 %
Food & Kindred Products	38,149	39,911	5,402	6,435	51,748	19,555	71,303	72.57 %
Textile Mill Products	·	•		·			,	
Apparel & Other Textile Products]					
Lumber & Wood Products (exc. Furniture)	2,830	9,877	9,009	9,903	28,789	14,920	43,709	65.87 %
Furniture & Fixtures		·	,	, i	•		•	
Paper & Allied Products	16	221	943	1,995	3,159	13,064	16,223	19.47 %
Printing & Publishing	1,181	6,113	4,944	3,396	14,453	8,887	23,340	61.92 %
Chemicals & Allied Products	186	725	687	622	2,034	11,214	13,248	15.35 %
Petroleum & Coal Products					2,:-		,	•
Rubber & Misc. Plastic Products			Į					
Stone, Clay, Glass & Concrete Products					l l			
Primary Metal Industries	62	276	969	1,260	2,505	10,971	13,476	18.59 %
Fabricated Metal Products (exc. mach.)	207	2,761	4,271	3,377	10,409	3,731	14,140	73.61 %
Machinery, Computer Eqpmnt (exc. elect.)	376	4,186	5,735	6,308	16,229	9,019	25,248	64.28 %
Electric & Electronic Equipment	236	1,155	2,865	3,084	7,104	6,130	13,234	53.68 %
Trans. Eqpmnt., Incl. Motor Vehicles		·	· i	•	,	·	•	
Instruments & Related Products	25	943	1,664	922	3,529	10,449	13,978	25.25 %
Misc. Manufacturing Industries		'	1					
Transportation & Warehousing					1		Į	
Communication	507	1,884	1,986	1,111	4,981	21,899	26,880	18.53 %
Electric, Gas & Sanitary Service	524	1,553	759	1,334			· ·	36.83 %
Wholesale & Retail Trade (exc. eating)	59,392	153,346	83,351	43,311	280,008	149,339	429,347	65.22 %
Eating & Drinking Places	6,002	37,148	52,082	18,094	107,324	39,391	146,715	73.15 %
Finance & Insurance	,		1	ĺ				
Real Estate & Rentals	63,987	77,189	7,198	5,118	89,505	3,818	93,323	95.91 %
Personal Services	21,755	33,063			1	•	•	91.99 %
Business Services	35,353	•			1			
Automotive Repairs & Services	8,652	1	1					•
Miscellaneous Services	95,841	•	•		1			
All Industries	372,982	•				1	1	1
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Proprietors	Less Than 20	<u>20-99</u>	<u>100-499</u>	Less Than 500	Over 500	Total Jobs	% Small Business
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26,014	53,022	16,021	5,923	74,966	3,034	78,000	96.11 %
24,914	26,130	3,148	5,459	34,737	10,727	45,464	76.41 %
1					Ï	i	
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4,068	11,119	10,695	16,550	38,364	28,804		57.12 %
666	1,487	1,430	784	3,701	497	4,198	88.16 %
850	4,166	3,265	2,359	9,790	6,661	16,451	59.51 %
Ì				ì	j		
ľ							
21	843	1,458	2,073	4,374	1,416	5,790	75.54 %
1,933	2,742	968	723	4,433	1,595	6,028	73.54 %
138	441	550	2,365	3,356	8,576		28.13 %
159	2,212	4,126	3,179	9,517	2,296	11,813	80.56 %
741	3,524	4,905	3,123	11,552	7,258	18,810	61.41 %
115	952	2,000	2,997	5,949	6,802	12,751	46.66 %
101	78 7	1,013	2,600	4,400	6,105	, ,	41.88 %
20	647	1,164	1,388	3,199	10,378	13,577	23.56 %
		1					
425	1,521	1,237	1,067	3,825	9,643	13,468	28.40 %
		ľ	1				
39,179	99,807	52,866	29,743	182,416	89,423	271,839	67.10 %
3,832	26,207	29,556	13,434	69,197	18,242	87,439	79.14 %
ì	Ì			Ï	1	Ì	
36,263	42,782	3,733	2,994	49,509		50,928	97.21 %
13,323			1,621		1,795		92.89 %
21,299	31,717	10,318	10,022	52,057		69,599	74.80 %
6,262			1,030	15,418	1,655	17,073	90.31 %
		1	ì	1	1	}	Ì
180,323	342,633	152,154	109,434	604,221	233,868	838,089	72.10%
]	l	<u> </u>	1	<u> </u>		l	<u> </u>
	26,014 24,914 4,068 666 850 21 1,933 138 159 741 115 101 20 425 39,179 3,832 36,263 13,323 21,299 6,262	26,014 53,022 24,914 26,130 4,068 11,119 666 1,487 850 4,166 21 843 1,933 2,742 138 441 159 2,212 741 3,524 115 952 101 787 20 647 425 1,521 39,179 99,807 3,832 26,207 36,263 42,782 13,323 19,549 21,299 31,717 6,262 12,978	26,014 53,022 16,021 24,914 26,130 3,148 4,068 11,119 10,695 666 1,487 1,430 850 4,166 3,265 21 843 1,458 1,933 2,742 968 138 441 550 159 2,212 4,126 741 3,524 4,905 115 952 2,000 115 952 2,000 647 1,164 425 1,521 1,237 39,179 99,807 52,866 3,832 26,207 29,556 36,263 42,782 3,733 13,323 19,549 2,291 21,299 31,717 10,318 6,262 12,978 1,410	26,014	26,014 53,022 16,021 5,923 74,966 24,914 26,130 3,148 5,459 34,737 4,068 11,119 10,695 16,550 38,364 666 1,487 1,430 784 3,701 850 4,166 3,265 2,359 9,790 21 843 1,458 2,073 4,374 1,933 2,742 968 723 4,433 138 441 550 2,365 3,356 159 2,212 4,126 3,179 9,517 741 3,524 4,905 3,123 11,552 115 952 2,000 2,997 5,949 101 787 1,013 2,600 4,400 20 647 1,164 1,388 3,199 425 1,521 1,237 1,067 3,825 3,832 26,207 29,556 13,434 69,197 36,263 42,782 3,733 2,994 49,509 13,323 19,549 2,291 1,621 23,461 21,299 31,717 10,318 10,022 52,057 6,262 12,978 1,410 1,030 15,418	26,014 53,022 16,021 5,923 74,966 3,034 24,914 26,130 3,148 5,459 34,737 10,727 4,068 11,119 10,695 16,550 38,364 28,804 666 1,487 1,430 784 3,701 497 850 4,166 3,265 2,359 9,790 6,661 21 843 1,458 2,073 4,374 1,416 1,933 2,742 968 723 4,433 1,595 138 441 550 2,365 3,356 8,576 159 2,212 4,126 3,179 9,517 2,296 741 3,524 4,905 3,123 11,552 7,258 115 952 2,000 2,997 5,949 6,802 101 787 1,013 2,600 4,400 6,105 20 647 1,164 1,388 3,199 10,378 425 <td>26,014 53,022 16,021 5,923 74,966 3,034 78,000 24,914 26,130 3,148 5,459 34,737 10,727 45,464 4,068 11,119 10,695 16,550 38,364 28,804 67,168 666 1,487 1,430 784 3,701 497 4,198 850 4,166 3,265 2,359 9,790 6,661 16,451 21 843 1,458 2,073 4,374 1,416 5,790 1,933 2,742 968 723 4,433 1,595 6,028 138 441 550 2,365 3,356 11,932 159 2,212 4,126 3,179 9,517 2,296 11,813 741 3,524 4,905 3,123 11,552 7,258 18,810 115 952 2,000 2,997 5,949 6,802 12,751 101 787 1,013 2,600 4,400 6,105 10,505 20 647 1,164 1,388 3,199 10,378 13,577 425 1,521 1,237 1,067 3,825 9,643 13,468 39,179 99,807 52,866 29,743 182,416 89,423 271,839 3,832 26,207 29,556 13,434 69,197 18,242 87,439 6,262 12,299 31,717 10,318 10,022 52,057 17,542 69,599 6,262 12,978 1,410 1,030 15,418 1,655 17,073</td>	26,014 53,022 16,021 5,923 74,966 3,034 78,000 24,914 26,130 3,148 5,459 34,737 10,727 45,464 4,068 11,119 10,695 16,550 38,364 28,804 67,168 666 1,487 1,430 784 3,701 497 4,198 850 4,166 3,265 2,359 9,790 6,661 16,451 21 843 1,458 2,073 4,374 1,416 5,790 1,933 2,742 968 723 4,433 1,595 6,028 138 441 550 2,365 3,356 11,932 159 2,212 4,126 3,179 9,517 2,296 11,813 741 3,524 4,905 3,123 11,552 7,258 18,810 115 952 2,000 2,997 5,949 6,802 12,751 101 787 1,013 2,600 4,400 6,105 10,505 20 647 1,164 1,388 3,199 10,378 13,577 425 1,521 1,237 1,067 3,825 9,643 13,468 39,179 99,807 52,866 29,743 182,416 89,423 271,839 3,832 26,207 29,556 13,434 69,197 18,242 87,439 6,262 12,299 31,717 10,318 10,022 52,057 17,542 69,599 6,262 12,978 1,410 1,030 15,418 1,655 17,073

	Proprietors	Less Than 20	<u> 20-99</u>	100-499	Less Than 500	Over 500	Total Jobs	% Small Business
Agri. Serv., Forest., Fish., & Other				•				
Mining					Ï			
Construction	180,498	445,979	251,950	133,709	831,638	80,366	912,004	91.19 %
Food & Kindred Products	861	9,097	24,663	33,256	67,016	108,556	175,572	38.17 %
Textile Mill Products		· 1	´	,	Í	· '	· /	
Apparel & Other Textile Products	15,115	39,093	57,419	41,190	137,702	19,484	157,186	87.60 %
Lumber & Wood Products (exc. Furniture)	2,490	12,816	20,419	15,756	48,991	21,243	70,234	69.75 %
Furniture & Fixtures	2,622	9,937	19,398	15,856	45,191	18,880	64,071	70.53 %
Paper & Allied Products	184	1,769	7.246	6,529	15,544	24,079	39,623	39.23 %
Printing & Publishing	13,091	47,227	39,073	24,076	110,376	74,248	184,624	59.78 %
Chemicals & Allied Products	2,034	6,292	9,623	10,680	26,595	43,632	70,227	37.87 %
Petroleum & Coal Products	, i			ĺ	i i	1		
Rubber & Misc. Plastic Products	110	7,014	23,781	25,504	56,299	31,689	87,988	63.98 %
Stone, Clay, Glass & Concrete Products	8,470	13,467	13,588	11,876	38,931	26,325	65,256	59.66 %
Primary Metal Industries	191	2,601	7,962	8,375	18,938	16,253	35,191	53.81 %
Fabricated Metal Products (exc. mach.)	1,647	21,614	47,278	35,632	104,524	51,279	155,803	67.09 %
Machinery, Computer Eqpmnt (exc. elect.)	9,876	41,825	44,256	36,275	122,356	117,750	240,106	50.96 %
Electric & Electronic Equipment	2,301	14,394	42,362	50,682	107,438	173,485	280,923	38.24 %
Trans. Egpmnt., Incl. Motor Vehicles	1,311	7,272	15,752	13,125		276,869	313,018	11.55 %
Instruments & Related Products	102	6,963	16,774	22,950		151,479	198,166	23.56 %
Misc. Manufacturing Industries	10,368	20,849	15,478	9,862	1 1	9,028	55,217	83.65 %
Transportation & Warehousing	ŕ	·	· i	•	i i	· ·	· 1	
Communication	1.798	6.783	9,786	9,913	26,482	159,788	186,270	14.22 %
Electric, Gas & Sanitary Service	2,547	6,054	4,829	3,029		73,790	87,702	15.86 %
Wholesale & Retail Trade (exc. cating)	297,835	816,328	465,776	267,592	1 1	1,028,548	2,578,244	60.11 \$
Eating & Drinking Places	37,187	204,533	255,383	126,220		266,282	852,418	68.76 9
Finance & Insurance	153,379	220,360	65,922	79,601	1	460,924	826,807	44.25
Real Estate & Rentals	428,043	518,435	58,723	40,307		34,002	651,467	94.78
Personal Services	128,098	188,209	28,937	16,929		33,225	267,300	87.57
Business Services	257,646	386,741	145,964	150,652	1 1	341,151	1,024,508	66.70
Automotive Repairs & Services	37,718	107,860	29,409	9,740		24,278	171,287	85.83
Miscellaneous Services	614,651	1,133,338	405,271	358,570	1 1	1,077,746	2,974,925	63.77
All Industries	2,210,173	4,296,850	2,127,022	1,557,886		4,744,379	12,726,137	62.72

	Proprietors	Less Than 20	<u>20-99</u>	<u>100-499</u>	Less Than 500	Over 500	Total Jobs	% Small Business
Agri. Serv., Forest., Fish., & Other								
Mining					1			
Construction	l			İ	l	l		
Food & Kindred Products	38	302	580	2,033	2,915	2,414	5,329	54.70 %
Textile Mill Products								
Apparel & Other Textile Products	į	i				ì	ì	
Lumber & Wood Products (exc. Furniture)	200	400	540	1,153	2,093	1,066	3,159	66.26 %
Furniture & Fixtures			ľ					
Paper & Allied Products]	1	i	'	Ì	j	Ï	
Printing & Publishing								
Chemicals & Allied Products			1		į	ļ	į	
Petroleum & Coal Products								
Rubber & Misc. Plastic Products								
Stone, Clay, Glass & Concrete Products							Ì	
Primary Metal Industries								
Fabricated Metal Products (exc. mach.)								
Machinery, Computer Eqpmnt (exc. elect.)								
Electric & Electronic Equipment	46	59	0	U	59	0	59	100.00 %
Trans. Eqpmnt., Incl. Motor Vehicles								
Instruments & Related Products								
Misc. Manufacturing Industries					1			
Transportation & Warehousing					[
Communication								
Electric, Gas & Sanitary Service					!			
Wholesale & Retail Trade (exc. eating)			,		Ĭ	}	Ì	•
Eating & Drinking Places	583	4,381	4,395	2,688	11,464	1,850	13,314	86.10 %
Finance & Insurance					ļ	ļ	Į	
Real Estate & Rentals			1				ŀ	
Personal Services						l		
Business Services	4,447	6,467	1,590	1,455	9,512	2,697	12,209	77.91 %
Automotive Repairs & Services		1	l					
Miscellaneous Services				1				
All Industries	5,314	11,609	7,105	7,329	26,043	8,027	34,070	76.44 %

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	<u>Proprietors</u>	Less Than 20	<u>20-99</u>	100-499	Less Than 500	Over 500	Total Jobs	% Small Business
Agri. Serv., Forest., Fish., & Other								
Mining								
Construction	ļ							
Food & Kindred Products	74	1,004	1,738	1,685	4,427	5,828	10,255	43.17 %
Textile Mill Products					ļ			
Apparel & Other Textile Products								
Lumber & Wood Products (exc. Furniture)	1							
Furniture & Fixtures								
Paper & Allied Products								Ì
Printing & Publishing	1,000	1,785	824	275	2,884	1,828	4,712	61.21 %
Chemicals & Allied Products								i
Petroleum & Coal Products								
Rubber & Misc. Plastic Products								
Stone, Clay, Glass & Concrete Products								
Primary Metal Industries								
Fabricated Metal Products (exc. mach.)								
Machinery, Computer Eqpmnt (exc. elect.)								
Electric & Electronic Equipment				1	1			
Trans. Eqpmnt., Incl. Motor Vehicles					[
Instruments & Related Products					[
Misc. Manufacturing Industries								
Transportation & Warehousing					1			
Communication			ł					
Electric, Gas & Sanitary Service								
Wholesale & Retail Trade (exc. cating)				l				
Eating & Drinking Places	671	8,555	17,033	7,387	32,975	14,931	47,906	68.83 %
Finance & Insurance								
Real Estate & Rentals	11,117	18,021			, ,			
Personal Services	2,737	5,058	1			1		
Business Services	6,125	10,165						1
Automotive Repairs & Services	905	2,949	783	600	4,332	2,795	7,127	60.78 %
Miscellaneous Services	Į	l			1	ł	l	
All Industries	22,629	47,537	29,321	20,534	97,392	34,461	131,853	73.86 %

APPENDIX 3

DoD Contract Awards by Industry and State of Performance FY 1992 for Contracts Reported on SF-179 (awards of \$25,000 or more)
Note: For the content of industries listed in this database see Table 2.1.
In compiling this database, negative contract awards (cancellations, etc.) were treated as zero by the NPA Data Services, Inc.
Source: Eagle Eye Publishers, Inc.

	Total 1992	Small Business 1992	% Small Business
ALASKA	331,645	123,168	37.1 %
ALABAMA	1,828,848	658,072	- 1
ARKANSAS	263,879	95,194	36.1 %
ARIZONA	1,917,583	233,242	12.2 %
CALIFORNIA	23,033,719	2,556,312	11.1 %
COLORADO	2,404,814	260,140	10.8 %
CONNECTICUT	3,038,003	252,342	8.3 %
DISTRICT OF COLUMBIA	1,422,364	249,342	17.5 %
DELAWARE	100,380	35,158	35.0 %
FLORIDA	4,537,164	769,981	17.0 %
GEORGIA HAWAII	3,741,123	252,536	6.8 %
IOWA	567,826	234,352	41.3 %
IDAHO	434,002	37,787	8.7 %
ILLINOIS	64,998	32,359	49.8 %
INDIANA	1,258,612	317,979	25.3 %
KANSAS	1,536,028	137,604	9.0 %
KENTUCKY	805,568	109,474	13.6 %
LOUISIANA	408,196 1,200,925	190,704	46.7 %
MASSACHUSETTS	5,487,723	364,823	30.4 %
MARYLAND	3,717.716	626,558∮ 858,209∫	11.4 %
MAINE	1,305.270	58,534	23.1 %
MICHIGAN	1,834,520	225,245	4.5 % 13.8 %
MINNESOTA	1,400.200	73,559	5.3 %
MISSOURI	3,628,715	296,109	8.2 %
MISSISSIPPI	2,560,894	229,727	9.0 %
MONTANA	55,475	47,291	85.2 %
NORTH CAROLINA	1,372,344	231,580	18.9 %
NORTH DAKOTA	142,105	102,795	72.3 %
VEBRASKA	282,531	122,728	43.4 %
JEW I IAMPOI IIRC	418,038	65,266	13.2 %
NEW JERSEY	3,173,834	651,284	20.5 %
TEW MEXICO	706,310	295,553	41.8 %
JEVADA	230,276	68,068	29.6 %
IEW YORK	5,181,382	611,229	11.8 %
HIO	2,930,622	575,153	19.6 %
KLAHOMA	726,607	254,871	35.1 %
REGON	204,232	69,789	34.2 %
ENNSYLVANIA	2,563,725	481,285	18.8 %
HODE ISLAND	446,751	82,029	18.4 %
OUTH CAROLINA	737,132	263,516	35.7 %
OUTH DAKOTA	78,640	41,432	52.7 %
ENNESSEE	979,021	207,769	21.2 %
EXAS	8,506,418	992,307	11.7 %
TAH	602,967	139,321	23.1 %
RGINA	6,193,193	1,917,102	31.0 %
ERMONT	62,928	9,350	14.9 %
ASHINGTON	2,191,854	303,695	13.9 %
ISCONSIN EST VIRGINIA	858,968 86,747	212,548	24.7 %
YOMING	60,747 61,054	40,878 39,557	47.1 % 64.8 %
VITED STATES	107,423,465	39,557 17,094,905	15.9 %
MIEU OINIEO	101,423,403	17,084,300	15.8 %

MAINE

	Small Business	Total	% Small Business
Agri. Serv., Forest., Fish., & Other	0	0	
Mining	i ol	0	
Construction	34,746	50,353	69.0 %
Food & Kindred Products	3,625	3,689	98.3 %
Textile Mill Products	2,743	2,838	96.7 %
Apparel & Other Textile Products	126	187	67.4 %
Lumber & Wood Products (exc. Furniture)	l o	0	
Furniture & Fixtures	55	294	18.7 %
Paper & Allied Products	o	190	0.0 %
Printing & Publishing	0	36	0.0 %
Chemicals & Allied Products	97	97	100.0 %
Petroleum & Coal Products	69	69	100.0 %
Rubber & Misc. Plastic Products	0	7,037	0.0 %
Stone, Clay, Glass & Concrete Products	43	43	100.0 %
Primary Metal Industries	l ol	0	
Fabricated Metal Products (exc. mach.)	2,023	56,547	3.6 %
Machinery, Computer Egpmnt (exc. elect.)	908	979	92.7 %
Electric & Electronic Equipment	424		
Trans. Eqpmnt., Incl. Motor Vehicles	177	1,148,834	0.0 %
Instruments & Related Products	385	732	52.6 %
Misc. Manufacturing Industries	0	0	
Transportation & Warehousing	1,841	2,171	84.8 %
Communication	204	255	80.0 %
Electric, Gas & Sanitary Service	1,102	6,068	
Wholesale & Retail Trade (exc. eating)	1,669	8,687	19.2 %
Eating & Drinking Places	1,172	1,172	100.0 %
Finance & Insurance	O	0	
Real Estate & Rentals	l ol	0	
Personal Services	61	61	100.0 %
Business Services	2,518	3,230	78.0 %
Automotive Repairs & Services		0	
Miscellaneous Services	4,546	10,361	43.9 %
All Industries	58,534	1,305,270	4.5 %

NEW HAMPSHIRE

	Small Business	Total	% Small Business
Agri. Serv., Forest., Fish., & Other	28	28	100.0 %
Mining	8,527	8,527	100.0 %
Construction	12,376	18,528	66.8 %
Food & Kindred Products	0	0	
Textile Mill Products	0	703	0.0 %
Apparel & Other Textile Products	0	0	
Lumber & Wood Products (exc. Furniture)	58	58	100.0 %
Furniture & Fixtures	1,811	1,811	100.0 %
Paper & Allied Products	0	0	
Printing & Publishing	0	832	0.0 %
Chemicals & Allied Products	1,969	2,200	89.5 %
Petroleum & Coal Products	o	O	
Rubber & Misc. Plastic Products	l o	o	
Stone, Clay, Glass & Concrete Products	l ol	ol	
Primary Metal Industries	261	5,951	4.4 %
Fabricated Metal Products (exc. mach.)	334	2,107	15.9 %
Machinery, Computer Egpmnt (exc. elect.)	3,017	38,266	7.9 %
Electric & Electronic Equipment	2,599	139,482	1.9 %
Trans. Egpmnt., Incl. Motor Vehicles	1,543	22,060	7.0 %
Instruments & Related Products	5,400	75,187	7.2 %
Misc. Manufacturing Industries	27	27	100.0 %
Transportation & Warehousing	o	11	0.0 %
Communication	O	6,788	0.0 %
Electric, Gas & Sanitary Service	1,750	2,611	67.0 %
Wholesale & Retail Trade (exc. eating)	287	3,962	7.2 %
Eating & Drinking Places	o	0	
Finance & Insurance	o	o	
Real Estate & Rentals	0	0	
Personal Services	o	o	1
Business Services	3,431	6,405	53.6 %
Automotive Repairs & Services	. ol	o	
Miscellaneous Services	11,837	82,494	14.3 %
All Industries	55,255	418,038	13.2 %

VERMONT

	Small Business	Total	% Small Business
Agri. Serv., Forest., Fish., & Other	Ō	0	
Mining	0	0	
Construction	1,996	2,088	95.6 %
Food & Kindred Products	182	182	100.0 %
Textile Mill Products	0	0	
Apparel & Other Textile Products	. 0	0	į
Lumber & Wood Products (exc. Furniture)	0	0	Í
Furniture & Fixtures	693	693	100.0 %
Paper & Allied Products	0	0	
Printing & Publishing	94	94	100.0 %
Chemicals & Allied Products	o	o	ľ
Petroleum & Coal Products	0	o	
Rubber & Misc. Plastic Products	. 0	0	i
Stone, Clay, Glass & Concrete Products	. o	0	
Primary Metal Industries	0	0	•
Fabricated Metal Products (exc. mach.)	122	11,879	1.0 %
Machinery, Computer Eqpmnt (exc. elect.)	772	1,874	41.2 %
Electric & Electronic Equipment	472	7,039	6.7 %
Trans. Eqpmnt., Incl. Motor Vehicles	3,522	22,871	15.4 %
Instruments & Related Products	209	1,692	12.4 %
Misc. Manufacturing Industries	0	0	
Transportation & Warehousing	115	115	100.0 %
Communication	o l	0	
Electric, Gas & Sanitary Service	5	12	41.7 %
Wholesale & Retail Trade (exc. eating)	118	999	11.8 %
Eating & Drinking Places	48	48	100.0 %
Finance & Insurance	0	O	
Real Estate & Rentals	0	o	
Personal Services	0	O	
Business Services	0	0	
Automotive Repairs & Services	47	47	100.0 %
Miscellaneous Services	955	13,295	7.2 %
All Industries	9,350	62,928	14.9 %

DOD CONTRACT AWARDS BY INDUSTRY AND PLACE OF PERFORMANCE - FY92

MASSACHUSETTS

	Small Business	Total	% Small Business
Agri. Serv., Forest., Fish., & Other	59	59	100.0 %
Mining	0	0	i
Construction	41,343	94,584	43.7 %
Food & Kindred Products	12,580	17,004	74.0 %
Textile Mill Products	492	778	63.2 %
Apparel & Other Textile Products	241	709	34.0 %
Lumber & Wood Products (exc. Furniture)	65	65	100.0 %
Furniture & Fixtures	1,344	3,292	40.8 %
Paper & Allied Products	133	179	74.3 %
Printing & Publishing	78	983	7.9 %
Chemicals & Allied Products	o o	2,219	0.0 %
Petroleum & Coal Products	1,029	1,056	97.4 %
Rubber & Misc. Plastic Products	3,145	4,241	74.2 %
Stone, Clay, Glass & Concrete Products	258	642	40.2 %
Primary Metal Industries	1,922	12,554	15.3 %
Fabricated Metal Products (exc. mach.)	80,102	271,219	29.5 %
Machinery, Computer Egpmnt (exc. elect.)	17,899	134,166	13.3 %
Electric & Electronic Equipment	32,057	428,615	
Trans. Egpmnt., Incl. Motor Vehicles	36,136	2,062,416	
Instruments & Related Products	16,423	347,935	4.7 %
Misc. Manufacturing Industries	466	1,517	30.7 %
Transportation & Warehousing	410	439	
Communication	3,542	90,287	3.9 %
Electric, Gas & Sanitary Service	1,282		7.2 %
Wholesale & Retail Trade (exc. eating)	9,370	35,166	26.6 %
Eating & Drinking Places	1,424	1,634	87.1 %
Finance & Insurance	0	0	
Real Estate & Rentals	0	0	
Personal Services	384	683	56.2 %
Business Services	115,553	198,967	58.1 %
Automotive Repairs & Services	43	69	62.3 %
Miscellaneous Services	248,778	1,758,357	14.1 %
All Industries	626,558	5,487,723	11.4 %

RHODE ISLAND

	Small Business	Total	% Small Business
Agri. Serv., Forest., Fish., & Other	0	0	
Mining	0	0	
Construction	21,693	22,434	96.7 %
Food & Kindred Products	0	0	
Textile Mill Products	96	7,170	1.3 %
Apparel & Other Textile Products	0	0	İ
Lumber & Wood Products (exc. Furniture)	0	0	
Furniture & Fixtures	0	0	
Paper & Allied Products	0	0	ł
Printing & Publishing	0	0	
Chemicals & Allied Products	154	217	71.0 %
Petroleum & Coal Products	0	0	
Rubber & Misc. Plastic Products	264	2,655	9.9 %
Stone, Clay, Glass & Concrete Products	338	338	100.0 %
Primary Metal Industries	134	579	23.1 %
Fabricated Metal Products (exc. mach.)	716	1,800	39.8 %
Machinery, Computer Eqpmnt (exc. elect.)	2,141	4,799	44.6 %
Electric & Electronic Equipment	669	8,385	8.0 %
Trans. Eqpmnt., Incl. Motor Vehicles	12,903	23,632	54.6 %
Instruments & Related Products	4,088	133,710	3.1 %
Misc. Manufacturing Industries	306	306	100.0 %
Transportation & Warehousing	3,204	3,787	84.6 %
Communication	165	7,856	2.1 %
Electric, Gas & Sanitary Service	928	1,090	85.1 %
Wholesale & Retail Trade (exc. eating)	782	2,320	33.7 %
Eating & Drinking Places	O O	34	0.0 %
Finance & Insurance	0	48	0.0 %
Real Estate & Rentals	0	0	
Personal Services	110	110	100.0 %
Business Services	11,704	15,047	77.8 %
Automotive Repairs & Services	28	28	100.0 %
Miscellaneous Services	21,606	210,406	10.3 %
All Industries	82,029	446,751	18.4 %

CONNECTICUT

	Small Business	Total	% Small Business
Agri. Serv., Forest., Fish., & Other	281	281	100.0 %
Mining	. 0	i o	
Construction	28,547	36,290	78.7 %
Food & Kindred Products	1,114	3,497	31.9 %
Textile Mill Products	259		125.1 %
Apparel & Other Textile Products	927	14,372	6.5 %
Lumber & Wood Products (exc. Furniture)	0	0	
Furniture & Fixtures	1,030	1,127	91.4 %
Paper & Allied Products	0	1,955	0.0 %
Printing & Publishing	503	15,282	3.3 %
Chemicals & Allied Products	607	50,521	1.2 %
Petroleum & Coal Products	0	0	
Rubber & Misc. Plastic Products	2,413	4,212	57.3 %
Stone, Clay, Glass & Concrete Products	227	227	100.0 %
Primary Metal Industries	2,603	4,904	53.1 %
Fabricated Metal Products (exc. mach.)	15,886	57,419	14
Machinery, Computer Egpmnt (exc. elect.)	16,415	55,974	29.3 %
Electric & Electronic Equipment	38,697	71,885	53.8 %
Trans. Eqpmnt., Incl. Motor Vehicles	74,677	2,323,684	3.2 %
Instruments & Related Products	11,359	75,166	15.1 %
Misc. Manufacturing Industries	1,005	1,049	95.8 %
Transportation & Warehousing	70	759	9.2 %
Communication	34	106	32.1 %
Electric, Gas & Sanitary Service	1,411	1,430	98.7 %
Wholesale & Retail Trade (exc. eating)	6,508	12,730	51.1 %
Eating & Drinking Places	O	83	0.0 %
Finance & Insurance	o	172	0.0 %
Real Estate & Rentals	ol	17,205	0.0 %
Personal Services	513	513	100.0 %
Business Services	4,917	9,957	49.4 %
Automotive Repairs & Services	29	29	100.0 %
Miscellaneous Services	42,310	276,967	15.3 %
All Industries	252,342	3,038,003	8.3 %

NEW YORK

	Small Business	Total	% Small Business
Agri. Serv., Forest., Fish., & Other	403	403	100.0 %
Mining	195	319	61.1 %
Construction	97,844	184,338	53.1 %
Food & Kindred Products	9,929	34,567	28.7 %
Textile Mill Products	3,034	3,086	98.3 %
Apparel & Other Textile Products	10,751	26,591	40.4 %
Lumber & Wood Products (exc. Furniture)	387	526	73.6 %
Furniture & Fixtures	4,887	5,206	93.9 %
Paper & Allied Products	0	290	0.0 %
Printing & Publishing	2,140	82,839	2.6 %
Chemicals & Allied Products	4,818	31,461	15.3 %
Petroleum & Coal Products	376	25,569	1.5 %
Rubber & Misc. Plastic Products	6,498	15,734	41.3 %
Stone, Clay, Glass & Concrete Products	107	362	29.6 %
Primary Metal Industries	4,245	10,481	40.5 %
Fabricated Metal Products (exc. mach.)	16,688	271,900	6.1 %
Machinery, Computer Egpmnt (exc. elect.)	68,745	116,983	58.8 %
Electric & Electronic Equipment	86,721	839,525	10.3 %
Trans. Egpmnt., Incl. Motor Vehicles	5 8,895	1,787,250	3.3 %
Instruments & Related Products	45,844	652,006	7.0 %
Misc. Manufacturing Industries	8,178	8,627	94.8 %
Transportation & Warehousing	74,839	75,457	99.2 %
Communication	1,628	34,767	4.7 %
Electric, Gas & Sanitary Service	3,614	41,966	8.6 %
Wholesale & Retail Trade (exc. eating)	13,018	50,205	25.9 %
Eating & Drinking Places	6,873	7,768	88.5 %
Finance & Insurance	O	2,878	0.0 %
Real Estate & Rentals	o	O	
Personal Services	ol	0	
Business Services	20,096	90,099	22.3 %
Automotive Repairs & Services	388	5,952	6.5 %
Miscellaneous Services	60,088	774,227	7.8 %
All Industries	611,229	5,181,382	11.8 %

NEW JERSEY

	Small Business	Tota	% Small Business
Agri. Serv., Forest., Fish., & Other	1,673	1,673	100.0 %
Mining	0	2,745	0.0 %
Construction	84,309	254,441	33.1 %
Food & Kindred Products	4,911	36,829	13.3 %
Textile Mill Products	976	976	100.0 %
Apparel & Other Textile Products	25,948	26,346	98.5 %
Lumber & Wood Products (exc. Furniture)	47	374	12.6 %
Furniture & Fixtures	2,519	9,345	27.0 %
Paper & Allied Products	344	1,259	27.3 %
Printing & Publishing	164	2,505	6.5 %
Chemicals & Allied Products	9,311	65,651	
Petroleum & Coal Products	14,391	104,914	13.7 %
Rubber & Misc. Plastic Products	11,473	13,127	87.4 %
Stone, Clay, Glass & Concrete Products	277	562	49.3 %
Primary Metal Industries	1,893	4,202	45.0 %
Fabricated Metal Products (exc. mach.)	60,191	74,762	80.5 %
Machinery, Computer Egpmnt (exc. elect.)	17,478	69,837	25.0 %
Electric & Electronic Equipment	97,927	425,190	23.0 %
Trans. Egpmnt., Incl. Motor Vehicles	42,378	320,673	13.2 %
Instruments & Related Products	36,842	127,780	28.8 %
Misc. Manufacturing Industries	330	874	37.8 %
Transportation & Warehousing	58,968	404,485	14.6 %
Communication	8,072	23,510	34.3 %
Electric, Gas & Sanitary Service	7,377	40,190	18.4 %
Wholesale & Retail Trade (exc. eating)	7,650	31,369	
Eating & Drinking Places	7,428	9,224	80.5 %
Finance & Insurance	O	O	
Real Estate & Rentals	o	O	
Personal Services	940	940	100.0 %
Business Services	28,572	71,049	40.2 %
Automotive Repairs & Services	396	792	50.0 %
Miscellaneous Services	118,499	1,048,210	11.3 %
All Industries	651,284	3,173,834	20.5 %

PENNSYLVANIA

	Small Business	Total	% Small Business
Agri. Serv., Forest., Fish., & Other	779	779	100.0 %
Mining	606	5,229	11.6 %
Construction	55,417	196,010	28.3 %
Food & Kindred Products	9,622	24,333	39.5 %
Textile Mill Products	1,065	2,791	38.2 %
Apparel & Other Textile Products	9,113	15,414	59.1 %
Lumber & Wood Products (exc. Furniture)	2,145	2,186	98.1 %
Furniture & Fixtures	3,076	12,696	24.2 %
Paper & Allied Products	1,798	4,798	
Printing & Publishing	693	2,597	
Chemicals & Allied Products	4,767	66,054	7.2 %
Petroleum & Coal Products	2,592	69,415	3.7 %
Rubber & Misc. Plastic Products	3,209	5,243	61.2 %
Stone, Clay, Glass & Concrete Products	1,045	1,328	78.7 %
Primary Metal Industries	8,239	21,001	39.2 %
Fabricated Metal Products (exc. mach.)	55,008	543,254	
Machinery, Computer Eqpmnt (exc. elect.)	70,824	112,542	62.9 %
Electric & Electronic Equipment	36,417	157,840	23.1 %
Trans. Egpmnt., Incl. Motor Vehicles	52,900		9.2 %
Instruments & Related Products	23,224	109,738	21.2 %
Misc. Manufacturing Industries	0	48	0.0 %
Transportation & Warehousing	3,487	3,615	96.5 %
Communication	1,348	4,495	30.0 %
Electric, Gas & Sanitary Service	2,156	11,396	18.9 %
Wholesale & Retail Trade (exc. eating)	18,011	23,152	77.8 %
Eating & Drinking Places	1,717	1,717	100.0 %
Finance & Insurance	0	0	
Real Estate & Rentals	0	0	
Personal Services	208	208	100.0 %
Business Services	45,923	129,020	35.6 %
Automotive Repairs & Services	551	2,282	24.1 %
Miscellaneous Services	65,345	459,555	14.2 %
All Industries	481,285	2,563,725	18.8 %

OHIO

	Carell Business	Total	9/ Cmall Business
	Small Business		
Agri. Serv., Forest., Fish., & Other	56		
Mining	4,537	9	11
Construction	84,360	148,689	56.7 %
Food & Kindred Products	23,964	34,852	68.8 %
Textile Mill Products	3,728	3,661	101.8 %
Apparel & Other Textile Products	2,171	5,739	37.8 %
Lumber & Wood Products (exc. Furniture)	794	1,126	70.5 %
Furniture & Fixtures	2,664	7,374	36.1 %
Paper & Allied Products	50	30,861	0.2 %
Printing & Publishing	3,399	5,284	
Chemicals & Allied Products	2,641	17,062	
Petroleum & Coal Products	380	36,534	1
Rubber & Misc. Plastic Products	38,517	47,778	H
Stone, Clay, Glass & Concrete Products	95	i o	
Primary Metal Industries	1,425	66,418	2.1 %
Fabricated Metal Products (exc. mach.)	31,477	56,876	
Machinery, Computer Egpmnt (exc. elect.)	53,877	137,101	
Electric & Electronic Equipment	23,767	84,718	
Trans. Egpmnt., Incl. Motor Vehicles	64,769	· ·	
Instruments & Related Products	23,365	8,208	
Misc. Manufacturing Industries	1,659	3,226	
Transportation & Warehousing	2,471	9,444	26.2 %
Communication	57	2,203	
Electric, Gas & Sanitary Service	2,159		7.7 %
Wholesale & Retail Trade (exc. eating)	4,659	20,452	
Eating & Drinking Places	625	625	100.0 %
Finance & Insurance	Ö	30	0.0 %
Real Estate & Rentals	o	40	0.0 %
Personal Services	57	84	67.9 %
Business Services	77,379	305,279	25.3 %
Automotive Repairs & Services	112	198	56.6 %
Miscellaneous Services	119,939	403,138	29.8 %
All Industries	575,153	2,930,622	19.6 %

DOD CONTRACT AWARDS BY INDUSTRY AND PLACE OF PERFORMANCE - FY92

INDIANA

	Small Business	Total	% Small Business
Agri. Serv., Forest., Fish., & Other	496	635	78.1 %
Mining	29	1,360	2.1 %
Construction	40,525	44,929	90.2 %
Food & Kindred Products	10,913	14,392	75.8 %
Textile Mill Products	0	0	
Apparel & Other Textile Products	863	13,109	6.6 %
Lumber & Wood Products (exc. Furniture)	702	702	100.0 %
Furniture & Fixtures	1,614	3,214	50.2 %
Paper & Allied Products	35	191	18.3 %
Printing & Publishing	44	349	12.6 %
Chemicals & Allied Products	584	36,278	1.6 %
Petroleum & Coal Products	14,024	34,207	41.0 %
Rubber & Misc. Plastic Products	838	2,805	29.9 %
Stone, Clay, Glass & Concrete Products	44	83	53.0 %
Primary Metal Industries	801	1,172	68.3 %
Fabricated Metal Products (exc. mach.)	11,471	27,746	41.3 %
Machinery, Computer Egpmnt (exc. elect.)	7,656	53,621	14.3 %
Electric & Electronic Equipment	5,766	314,455	1.8 %
Trans. Eqpmnt., Incl. Motor Vehicles	14,083	748,421	
Instruments & Related Products	2,754	52,887	5.2 %
Misc. Manufacturing Industries	153	153	100.0 %
Transportation & Warehousing	299	299	100.0 %
Communication	246	1,745	14.1 %
Electric, Gas & Sanitary Service	443	7,965	5.6 %
Wholesale & Retail Trade (exc. eating)	4,928	5,859	84.1 %
Eating & Drinking Places	1,308	1,308	100.0 %
Finance & Insurance	o	12,026	0.0 %
Real Estate & Rentals	ol	0	
Personal Services	o i	0	
Business Services	9,165	26,627	34.4 %
Automotive Repairs & Services	o	33	0.0 %
Miscellaneous Services	7,820	129,457	6.0 %
All Industries	137,604	1,536,028	9.0 %

ILLINOIS

	Small Business	Total	% Small Business
Agri. Serv., Forest., Fish., & Other	1,133	1,133	100.0 %
Mining	715		
Construction	70,820	171,153	
Food & Kindred Products	27,456		
Textile Mill Products	47	163	
Apparel & Other Textile Products	I 0	0	
Lumber & Wood Products (exc. Furniture)	440	440	100.0 %
Furniture & Fixtures	1,811	8,163	22.2 %
Paper & Allied Products	893	994	89.8 %
Printing & Publishing	4,074	6,521	62.5 %
Chemicals & Allied Products	5,727	23,277	24.6 %
Petroleum & Coal Products	403	441	91.4 %
Rubber & Misc. Plastic Products	974	18,888	5.2 %
Stone, Clay, Glass & Concrete Products	526	915	57.5 %
Primary Metal Industries	2,078	5,601	37.1 %
Fabricated Metal Products (exc. mach.)	42,967	101,506	42.3 %
Machinery, Computer Eqpmnt (exc. elect.)	15,692	54,316	28.9 %
Electric & Electronic Equipment	36,774	92,799	39.6 %
Trans. Eqpmnt., Incl. Motor Vehicles	22,182	228,432	9.7 %
Instruments & Related Products	11,743	106,693	11.0 %
Misc. Manufacturing Industries	0	0	
Transportation & Warehousing	3,872	12,668	
Communication	3,051	59,087	5.2 %
Electric, Gas & Sanitary Service	2,369	14,708	16.1 %
Wholesale & Retail Trade (exc. eating)	8,245	40,019	20.6 %
Eating & Drinking Places	5,836	5,836	100.0 %
Finance & Insurance	0	0	
Real Estate & Rentals	O	0	
Personal Services	216	732	29.5 %
Business Services	18,549	41,702	44.5 %
Automotive Repairs & Services	O	0]
Miscellaneous Services	29,386	163,302	18.0 %
All Industries	317,979	1,258,612	25.3 %

MICHIGAN

	Small Business	Total	% Small Business
Agri. Serv., Forest., Fish., & Other	326	326	100.0 %
Mining	0	0	į
Construction	31,934	52,650	
Food & Kindred Products	6,027	20,237	29.8 %
Textile Mill Products	88	88	100.0 %
Apparel & Other Textile Products	6,341	7,372	86.0 %
Lumber & Wood Products (exc. Furniture)	156	156	100.0 %
Furniture & Fixtures	5,790	141,352	4.1 %
Paper & Allied Products	345	401	86.0 %
Printing & Publishing	92	316	29.1 %
Chemicals & Allied Products	759	6,131	12.4 %
Petroleum & Coal Products	129	168	76.8 %
Rubber & Misc. Plastic Products	5,331	6,246	85.4 %
Stone, Clay, Glass & Concrete Products	649	679	95.6 %
Primary Metal Industries	567	900	63.0 %
Fabricated Metal Products (exc. mach.)	20,652	64,044	32.2 %
Machinery, Computer Egpmnt (exc. elect.)	26,954	87,718	30.7 %
Electric & Electronic Equipment	9,814	58,064	16.9 %
Trans. Egpmnt., Incl. Motor Vehicles	49,114	677,313	7.3 %
Instruments & Related Products	7,332	42,543	17.2 %
Misc. Manufacturing Industries	794	936	84.8 %
Transportation & Warehousing	633	633	100.0 %
Communication	199	2,727	7.3 %
Electric, Gas & Sanitary Service	4,396	13,573	32.4 %
Wholesale & Retail Trade (exc. eating)	4,701	6,236	75.4 %
Eating & Drinking Places	838	838	100.0 %
Finance & Insurance	o	l o	
Real Estate & Rentals	o	O	
Personal Services	o	O	
Business Services	25,063	16,013	156.5 %
Automotive Repairs & Services	o	ol	
Miscellaneous Services	16,221	426,860	3.8 %
All Industries	225,245	1,634,520	13.8 %

WISCONSIN

	Small Business	Total	% Small Business
Agri. Serv., Forest., Fish., & Other	26	26	100.0 %
Mining	299	299	100.0 %
Construction	28,044	67,246	41.7 %
Food & Kindred Products	1,165	22,346	5.2 %
Textile Mill Products	0	0	t
Apparel & Other Textile Products	592	2,023	29.3 %
Lumber & Wood Products (exc. Furniture)	113	2,101	5.4 %
Furniture & Fixtures	4,551	6,311	72.1 %
Paper & Allied Products	0	7,764	0.0 %
Printing & Publishing	0	38	0.0 %
Chemicals & Allied Products	949	5,163	18.4 %
Petroleum & Coal Products	0	0	
Rubber & Misc. Plastic Products	325	481	67.6 %
Stone, Clay, Glass & Concrete Products	408	1,218	33.5 %
Primary Metal Industries	265	2,418	11.0 %
Fabricated Metal Products (exc. mach.)	88,379	124,447	71.0 %
Machinery, Computer Egpmnt (exc. elect.)	40,584	93,743	43.3 %
Electric & Electronic Equipment	5,821	19,555	29.8 %
Trans. Egpmnt., Incl. Motor Vehicles	26,366	420,821	6.3 %
Instruments & Related Products	4,171	35,882	11.6 %
Misc. Manufacturing Industries	64	148	43.2 %
Transportation & Warehousing	67	128	52.3 %
Communication	306	1,030	29.7 %
Electric, Gas & Sanitary Service	53	1,697	3.1 %
Wholesale & Retail Trade (exc. eating)	2,880	4,147	69.4 %
Eating & Drinking Places	936	936	100.0 %
Finance & Insurance	o	o	
Real Estate & Rentals	o	oi	
Personal Services	o	O	
Business Services	423	9,253	4.6 %
Automotive Repairs & Services	o	48	0.0 %
Miscellaneous Services	5,761	29,699	19.4 %
All Industries	212,548	858,968	24.7 %

MINNESOTA

	Small Business	Total	% Small Business
Agri. Serv., Forest., Fish., & Other	0	0	
Mining	0	0	
Construction	5,175	24,026	21.5 %
Food & Kindred Products	3,635	31,498	11.5 %
Textile Mill Products	46	108	42.6 %
Apparel & Other Textile Products	0	0	
Lumber & Wood Products (exc. Furniture)	898	898	100.0 %
Furniture & Fixtures	686	1,438	47.7 %
Paper & Allied Products	199	1,341	14.8 %
Printing & Publishing	0	954	0.0 %
Chemicals & Allied Products	29	19,488	0.1 %
Petroleum & Coal Products	0	0	
Rubber & Misc. Plastic Products	1,112	1,140	97.5 %
Stone, Clay, Glass & Concrete Products	142	142	100.0 %
Primary Metal Industries	0	25	0.0 %
Fabricated Metal Products (exc. mach.)	6,840	534,109	1.3 %
Machinery, Computer Eqpmnt (exc. elect.)	13,648	180,962	7.5 %
Electric & Electronic Equipment	1,952	149,432	1.3 %
Trans. Egpmnt., Incl. Motor Vehicles	10,585	134,578	7.9 %
Instruments & Related Products	1,383	18,001	7.7 %
Misc. Manufacturing Industries	434	625	69.4 %
Transportation & Warehousing	196	196	100.0 %
Communication	7,968	8,763	90.9 %
Electric, Gas & Sanitary Service	143	786	
Wholesale & Retail Trade (exc. eating)	2,049	3,748	54.7 %
Eating & Drinking Places	0	0	•
Finance & Insurance	0	0	
Real Estate & Rentals	0	0	
Personal Services	30	30	100.0 %
Business Services	5,196	39,847	13.0 %
Automotive Repairs & Services	395	395	100.0 %
Miscellaneous Services	10,818	247,670	4.4 %
All Industries	73,559	1,400,200	5.3 %

IOWA

	Small Business	Total	% Small Business
Agri. Serv., Forest., Fish., & Other	0		
Mining	378	378	100.0 %
Construction	13,874	21,986	63.1 %
Food & Kindred Products	5,083	8,438	60.2 %
Textile Mill Products	0	0	ĺ
Apparel & Other Textile Products	4,797	4,797	100.0 %
Lumber & Wood Products (exc. Furniture)	0	0	1
Furniture & Fixtures	258	2,097	12.3 %
Paper & Allied Products	28	28	100.0 %
Printing & Publishing	l oi	0	
Chemicals & Allied Products	68	567	12.0 %
Petroleum & Coal Products	i 0	0	
Rubber & Misc. Plastic Products	1,100	1,496	73.5 %
Stone, Clay, Glass & Concrete Products	0	0	
Primary Metal Industries	2,014	2,083	96.7 %
Fabricated Metal Products (exc. mach.)	583	84,619	0.7 %
Machinery, Computer Egpmnt (exc. elect.)	4,422	22,397	19.7 %
Electric & Electronic Equipment	1,109	200,771	0.6 %
Trans. Egpmnt., Incl. Motor Vehicles	737	38,271	1.9 %
Instruments & Related Products	163	31,501	0.5 %
Misc. Manufacturing Industries	49	559	8.8 %
Transportation & Warehousing	326	326	100.0 %
Communication	186	3,275	5.7 %
Electric, Gas & Sanitary Service	21	26	80.8 %
Wholesale & Retail Trade (exc. eating)	1,205	1,242	97.0 %
Eating & Drinking Places	0	0	
Finance & Insurance	32	32	100.0 %
Real Estate & Rentals	0	0	
Personal Services	0	O i	
Business Services	89	181	49.2 %
Automotive Repairs & Services	31	31	100.0 %
Miscellaneous Services	1,234	8,901	13.9 %
All Industries	37,787	434,002	8.7 %

MISSOURI

	Small Business	Total	% Small Business
Agri. Serv., Forest., Fish., & Other	478	478	
Mining	O	0	
Construction	45,565	100,900	45.2 %
Food & Kindred Products	8,956		
Textile Mill Products	26	53	
Apparel & Other Textile Products	86	388	22.2 %
Lumber & Wood Products (exc. Furniture)	57	57	100.0 %
Furniture & Fixtures	2,094	3,981	52.6 %
Paper & Allied Products	983	983	100.0 %
Printing & Publishing	159	16,155	1.0 %
Chemicals & Allied Products	14,012	18,842	74.4 %
Petroleum & Coal Products	0	3,878	0.0 %
Rubber & Misc. Plastic Products	3,591	3,728	96.3 %
Stone, Clay, Glass & Concrete Products	26	103	25.2 %
Primary Metal Industries	417	1,578	26.4 %
Fabricated Metal Products (exc. mach.)	13,151	236,953	5.6 %
Machinery, Computer Egpmnt (exc. elect.)	42,484	35,358	120.2 %
Electric & Electronic Equipment	110,258	151,725	72.7 %
Trans. Eqpmnt., Incl. Motor Vehicles	8,509	2,311,793	0.4 %
Instruments & Related Products	3,990	35,997	11.1 %
Misc. Manufacturing Industries	0	0	
Transportation & Warehousing	739	834	88.6 %
Communication	470	71,957	0.7 %
Electric, Gas & Sanitary Service	2,168	10,717	20.2 %
Wholesale & Retail Trade (exc. eating)	3,480	9,367	37.2 %
Eating & Drinking Places	8,818	9,023	97.7 %
Finance & Insurance	0	0	
Real Estate & Rentals	0	0	
Personal Services	1,788	1,788	100.0 %
Business Services	10,001	33,578	29.8 %
Automotive Repairs & Services	0	0	
Miscellaneous Services	13,803	544,439	2.5 %
All Industries	296,109	3,628,715	8.2 %

NORTH DAKOTA

	Small Business	Total	% Small Business
Agri. Serv., Forest., Fish., & Other	0	0	
Mining	. 0	0	
Construction	50,007	54,293	92.1 %
Food & Kindred Products	48	111	43.2 %
Textile Mill Products	0	38	0.0 %
Apparel & Other Textile Products	243	243	100.0 %
Lumber & Wood Products (exc. Furniture)	. o	l 0	İ
Furniture & Fixtures	0	143	0.0 %
Paper & Allied Products	0	0	
Printing & Publishing	0	l o	
Chemicals & Allied Products	0	25	0.0 %
Petroleum & Coal Products	0.	l o	
Rubber & Misc. Plastic Products	150	150	100.0 %
Stone, Clay, Glass & Concrete Products	0	o	
Primary Metal Industries	0	0	
Fabricated Metal Products (exc. mach.)	611	1,167	52.4 %
Machinery, Computer Egpmnt (exc. elect.)	o	42	0.0 %
Electric & Electronic Equipment	2,867	3,027	94.7 %
Trans. Egpmnt., Incl. Motor Vehicles	31,180	38,644	80.7 %
Instruments & Related Products	112	1,043	10.7 %
Misc. Manufacturing Industries	77	8,922	0.9 %
Transportation & Warehousing	1,020	1,020	100.0 %
Communication	o	6,159	0.0 %
Electric, Gas & Sanitary Service	9,544	15,519	61.5 %
Wholesale & Retail Trade (exc. eating)	240	828	29.0 %
Eating & Drinking Places	1,950	1,950	100.0 %
Finance & Insurance	o	o	
Real Estate & Rentals	o	0	
Personal Services	108	108	100.0 %
Business Services	1,364	2,754	49.5 %
Automotive Repairs & Services	0	o	
Miscellaneous Services	3,274	5,919	55.3 %
All Industries	102,795	142,105	72.3 %

SOUTH DAKOTA

	Small Business	Total	% Small Business
Agri. Serv., Forest., Fish., & Other	229	229	100.0 %
Mining	0	i o	į
Construction	15,931	30,609	52.0 %
Food & Kindred Products	2,660	4,515	58.9 %
Textile Mill Products	0	0	İ
Apparel & Other Textile Products	0	0	
Lumber & Wood Products (exc. Furniture)	0	0	ł
Furniture & Fixtures	48	48	100.0 %
Paper & Allied Products	0	0	
Printing & Publishing	0	0	
Chemicals & Allied Products	317	512	61.9 %
Petroleum & Coal Products	i oi	0	
Rubber & Misc. Plastic Products	26	26	100.0 %
Stone, Clay, Glass & Concrete Products	29	29	100.0 %
Primary Metal Industries	83	83	100.0 %
Fabricated Metal Products (exc. mach.)	220	220	100.0 %
Machinery, Computer Egpmnt (exc. elect.)	5,500	6,046	91.0 %
Electric & Electronic Equipment	191	7,287	2.6 %
Trans. Egpmnt., Incl. Motor Vehicles	772	772	100.0 %
Instruments & Related Products	224	784	28.6 %
Misc. Manufacturing Industries	60	60	100.0 %
Transportation & Warehousing	88	88	100.0 %
Communication	0	241	0.0 %
Electric, Gas & Sanitary Service	1,638	5,277	31.0 %
Wholesale & Retail Trade (exc. eating)	588	907	64.8 %
Eating & Drinking Places	0	0	i
Finance & Insurance	0	0.	
Real Estate & Rentals	10,568	10,568	100.0 %
Personal Services	41	41	100.0 %
Business Services	168	611	27.5 %
Automotive Repairs & Services	808	808	100.0 %
Miscellaneous Services	1,243	8,879	14.0 %
All Industries	41,432	78,640	52.7 %

NEBRASKA

	Small Business	Tota	% Small Business
And Come Frank Fish a Office			
Agri. Serv., Forest., Fish., & Other	1,729	n ,	IT .
Mining	84		,
Construction	32,534		
Food & Kindred Products	41,866		•
Textile Mill Products	0	55	
Apparel & Other Textile Products) 0	j o	
Lumber & Wood Products (exc. Furniture)	0	0	
Furniture & Fixtures	44	267	16.5 %
Paper & Allied Products) 0	0	
Printing & Publishing	0	28	0.0 %
Chemicals & Allied Products	65	194	33.5 %
Petroleum & Coal Products	[0	(
Rubber & Misc. Plastic Products	0	358	0.0 %
Stone, Clay, Glass & Concrete Products	0	. 0	ĺ
Primary Metal Industries	343	343	100.0 %
Fabricated Metal Products (exc. mach.)	2,250	3,444	M
Machinery, Computer Egpmnt (exc. elect.)	634	18,032	"
Electric & Electronic Equipment	110		1.5 %
Trans. Egpmnt., Incl. Motor Vehicles	6,063		9
Instruments & Related Products	994	2,998	ra :
Misc. Manufacturing Industries	o	627	0.0 %
Transportation & Warehousing	ol	0	
Communication	60	961	6.2 %
Electric, Gas & Sanitary Service	396		5.3 %
Wholesale & Retail Trade (exc. eating)	889	1,232	
Eating & Drinking Places	1,930	1,930	100.0 %
Finance & Insurance	0	0,000	100.0 70
Real Estate & Rentals	ň	Ö	
Personal Services	33	33	100.0 %
Business Services	13,421	79,532	16.9 %
Automotive Repairs & Services	43	43	100.0 %
Miscellaneous Services	19,240	64,599	29.8 %
All Industries	122,728	282,531	43.4 %
All illianonies	122,128	∠0∠,531	43.4 %

KANSAS

	Small Business	Total	% Small Business
Agri. Serv., Forest., Fish., & Other	514	514	100.0 %
Mining	J	1,277	0.0 %
Construction	43,580	106,498	40.9 %
Food & Kindred Products	456	28,558	1.6 %
Textile Mill Products	0	0	
Apparel & Other Textile Products	131	511	25.6 %
Lumber & Wood Products (exc. Furniture)	0	0	i
Furniture & Fixtures	1,001	1,364	73.4 %
Paper & Allied Products	134	134	100.0 %
Printing & Publishing	0	38	0.0 %
Chemicals & Allied Products	713	2,884	24.7 %
Petroleum & Coal Products	1,641	4,417	37.2 %
Rubber & Misc. Plastic Products	310	2,505	12.4 %
Stone, Clay, Glass & Concrete Products	97	97	100.0 %
Primary Metal Industries	81	301	26.9 %
Fabricated Metal Products (exc. mach.)	1,462	5,934	24.6 %
Machinery, Computer Egpmnt (exc. elect.)	4,051	9,825	41.2 %
Electric & Electronic Equipment	2,248	12,752	17.6 %
Trans. Egpmnt., Incl. Motor Vehicles	17,726	486,429	3.6 %
Instruments & Related Products	1,303	28,342	4.6 %
Misc. Manufacturing Industries	152	3,795	4.0 %
Transportation & Warehousing	2,026	2,057	98.5 %
Communication	457	2,735	16.7 %
Electric, Gas & Sanitary Service	2,084	16,386	12.7 %
Wholesale & Retail Trade (exc. eating)	O	ol	
Eating & Drinking Places	3,207	3,207	100.0 %
Finance & Insurance	o	O	
Real Estate & Rentals	o i	122	0.0 %
Personal Services	1,190	1,190	100.0 %
Business Services	6,719		30.6 %
Automotive Repairs & Services	45	45	100.0 %
Miscellaneous Services	18,146	61,680	29.4 %
All Industries	109,474	805,566	13.6 %

DELAWARE

	Small Business	Total	% Small Business
Agri. Serv., Forest., Fish., & Other	452	452	100.0 %
Mining	0	i o	j
Construction	11,426	17,079	66.9 %
Food & Kindred Products	4,099	4,099	
Textile Mill Products	0	1,897	0.0 %
Apparel & Other Textile Products	5,742	7,000	82.0 %
Lumber & Wood Products (exc. Furniture)	0	. 0	
Furniture & Fixtures	167	167	100.0 %
Paper & Allied Products	0	48	0.0 %
Printing & Publishing	0	i o	ŧ.
Chemicals & Allied Products	0	5,420	0.0 %
Petroleum & Coal Products	0	i o	
Rubber & Misc. Plastic Products	380	969	39.2 %
Stone, Clay, Glass & Concrete Products	0	0	
Primary Metal Industries	0	33	0.0 %
Fabricated Metal Products (exc. mach.)	1,081	1,081	100.0 %
Machinery, Computer Egpmnt (exc. elect.)	471	499	94.4 %
Electric & Electronic Equipment	456	810	56.3 %
Trans. Egpmnt., Incl. Motor Vehicles	90	575	15.7 %
Instruments & Related Products	3,228	34,939	9.2 %
Misc. Manufacturing Industries	0	0	
Transportation & Warehousing	1,965	1,965	100.0 %
Communication	114	343	33.2 %
Electric, Gas & Sanitary Service	153	3,815	4.0 %
Wholesale & Retail Trade (exc. eating)	235	266	88.3 %
Eating & Drinking Places	803	803	100.0 %
Finance & Insurance	0	0	
Real Estate & Rentals	0	0	
Personal Services	O	l oi	
Business Services	1,112	1,153	96.4 %
Automotive Repairs & Services	0	0	
Miscellaneous Services	3,184	16,967	18.8 %
All Industries	35,158	100,380	35.0 %

MARYLAND

	Small Business	Total	% Small Business
Agri Con: Forest Fish 9 Other			<u> </u>
Agri. Serv., Forest., Fish., & Other	3,868	3,933	
Mining	864	864	
Construction	131,970	•	59.0 %
Food & Kindred Products	1,177	12,560	u .
Textile Mill Products	783	1,739	
Apparel & Other Textile Products	5,862	•	
Lumber & Wood Products (exc. Furniture)	452	452	1
Furniture & Fixtures	6,590		
Paper & Allied Products	226	244	
Printing & Publishing	1,374	2,924	
Chemicals & Allied Products	862	3,212	
Petroleum & Coal Products	. 0	1,498	0.0 %
Rubber & Misc. Plastic Products	483	4,403	11.0 %
Stone, Clay, Glass & Concrete Products	151	151	100.0 %
Primary Metal Industries	353	5,779	6.1 %
Fabricated Metal Products (exc. mach.)	6,711	123,475	5.4 %
Machinery, Computer Eqpmnt (exc. elect.)	38,505	146,822	26.2 %
Electric & Electronic Equipment	31,628	292,646	10.8 %
Trans. Egpmnt., Incl. Motor Vehicles	20,156	598,570	3.4 %
Instruments & Related Products	18,704	304,457	6.1 %
Misc. Manufacturing Industries	638	638	100.0 %
Transportation & Warehousing	67,713	84,018	80.6 %
Communication	12,860	154,179	8.3 %
Electric, Gas & Sanitary Service	3,951	56,244	7.0 %
Wholesale & Retail Trade (exc. eating)	29,963	51,181	58.5 %
Eating & Drinking Places	9,324	9,566	
Finance & Insurance	0	8,967	0.0 %
Real Estate & Rentals	ol	0	
Personal Services	1,263	1,452	87.0 %
Business Services	181,846	301,551	60.3 %
Automotive Repairs & Services	141	4,481	3.1 %
Miscellaneous Services	279,791	1,300,967	21.5 %
All Industries	858,209	3,717,716	23.1 %
กมา เกษนอนาธอ	030,203	5,117,110	23.1 /0

DISTRICT OF COLUMBIA

	Small Business	Total	% Small Business
Agri. Serv., Forest., Fish., & Other	200	200	100.0 %
Mining	0	0	
Construction	39,191	57,245	68.5 %
Food & Kindred Products	0	419	
Textile Mill Products	0	138	
Apparel & Other Textile Products	43	130	33.1 %
Lumber & Wood Products (exc. Furniture)	54	54	
Furniture & Fixtures	3,158	5,348	59.1 %
Paper & Allied Products	0	0	İ
Printing & Publishing	2,309	3,744	61.7 %
Chemicals & Allied Products	j 0	270	0.0 %
Petroleum & Coal Products	0	0	ĺ
Rubber & Misc. Plastic Products	42	276	15.2 %
Stone, Clay, Glass & Concrete Products	0	58	0.0 %
Primary Metal Industries	0	0	
Fabricated Metal Products (exc. mach.)	140	169	82.8 %
Machinery, Computer Egpmnt (exc. elect.)	13,729	77,861	17.6 %
Electric & Electronic Equipment	2,353	9,555	24.6 %
Trans. Eqpmnt., Incl. Motor Vehicles	4,184	5,575	75.0 %
Instruments & Related Products	1,243	3,132	39.7 %
Misc. Manufacturing Industries	57	157	36.3 %
Transportation & Warehousing	21,459	285,991	7.5 %
Communication	4,565	529,067	0.9 %
Electric, Gas & Sanitary Service	795	8,352	9.5 %
Wholesale & Retail Trade (exc. eating)	3,283	15,905	20.6 %
Eating & Drinking Places	0	0	
Finance & Insurance	0	19,084	0.0 %
Real Estate & Rentals	o	362	0.0 %
Personal Services	1,092	1,131	96.6 %
Business Services	93,194	185,554	50.2 %
Automotive Repairs & Services	0	180	0.0 %
Miscellaneous Services	58,251	212,409	27.4 %
All Industries	249,342	1,422,364	17.5 %

VIRGINIA

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-	Small Business		
Agri. Serv., Forest., Fish., & Other	2,236	Π ,	R .
Mining	927		1
Construction	268,854	427,217	62.9 %
Food & Kindred Products	2,316	16,143	14.3 %
Textile Mill Products	1,308	3,834	34.1 %
Apparel & Other Textile Products	4,234	5,045	83.9 %
Lumber & Wood Products (exc. Furniture)	2,288	2,406	95.1 %
Furniture & Fixtures	6,172	17,304	35.7 %
Paper & Allied Products	l o	900	0.0 %
Printing & Publishing	2,322	5,202	44.6 %
Chemicals & Allied Products	2,093	4,155	50.4 %
Petroleum & Coal Products	0	3,002	0.0 %
Rubber & Misc. Plastic Products	7,580	8,615	88.0 %
Stone, Clay, Glass & Concrete Products	681	1,148	59.3 %
Primary Metal Industries	1,266	5,013	1
Fabricated Metal Products (exc. mach.)	10,668	•	5.7 %
Machinery, Computer Egpmnt (exc. elect.)	83,354	277,082	30.1 %
Electric & Electronic Equipment	70,782	247,751	28.6 %
Trans. Egpmnt., Incl. Motor Vehicles	290,160	934,937	31.0 %
Instruments & Related Products	27,001	249,008	
Misc. Manufacturing Industries	5,849	6,464	90.5 %
Transportation & Warehousing	18,172	41,070	44.2 %
Communication	64,698	233,554	27.7 %
Electric, Gas & Sanitary Service	9,187	33,758	27.2 %
Wholesale & Retail Trade (exc. eating)	59,807	160,210	37.3 %
Eating & Drinking Places	12,817	16,111	79.6 %
Finance & Insurance	0	31,228	0.0 %
Real Estate & Rentals	O.	1,404	0.0 %
Personal Services	2,749	3,985	69.0 %
Business Services	294,362	1,022,804	28.8 %
Automotive Repairs & Services	542	1,369	39.6 %
Miscellaneous Services	664,677	2,240,849	29.7 %
All Industries	1,917,102	6,193,193	31.0 %
	.,,	5,.55,700	J.:0 %

WEST VIRGINIA

	Small Business	Total	% Small Business
Agri. Serv., Forest., Fish., & Other	0	0	
Mining	140	140	100.0 %
Construction	15,568	49,923	31.2 %
Food & Kindred Products	1,512	1,542	98.1 %
Textile Mill Products	3,491	3,491	100.0 %
Apparel & Other Textile Products	4,292	0	į
Lumber & Wood Products (exc. Furniture)	0	0	1
Furniture & Fixtures	! 0	ĺ	•
Paper & Allied Products	o	0	
Printing & Publishing	0	i o	
Chemicals & Allied Products	332	332	100.0 %
Petroleum & Coal Products	i oi	800	0.0 %
Rubber & Misc, Plastic Products	591	591	100.0 %
Stone, Clay, Glass & Concrete Products	í oí	0	
Primary Metal Industries	263	1,537	17.1 %
Fabricated Metal Products (exc. mach.)	430	924	46.5 %
Machinery, Computer Egpmnt (exc. elect.)	55	410	13.4 %
Electric & Electronic Equipment	204	653	31.2 %
Trans. Egpmnt., Incl. Motor Vehicles	o	0	
Instruments & Related Products	2,261	5,752	39.3 %
Misc. Manufacturing Industries	O	0	
Transportation & Warehousing	o	46	0.0 %
Communication	407	557	73.1 %
Electric, Gas & Sanitary Service	0	2,767	0.0 %
Wholesale & Retail Trade (exc. eating)	6,824	6,885	99.1 %
Eating & Drinking Places	0	0	
Finance & Insurance	0	0	
Real Estate & Rentals	0	0	
Personal Services	0	0	
Business Services	2,436	2,762	88.2 %
Automotive Repairs & Services	0	0	
Miscellaneous Services	2,072	7,635	27.1 %
All Industries	40,878	86,747	47.1 %

NORTH CAROLINA

	Small Business	Total	% Small Business
Agri. Serv., Forest., Fish., & Other	2,764	3,667	75.4 %
Mining	65	607	10.7 %
Construction	96,598	223,365	43.2 %
Food & Kindred Products	4,690	11,843	39.6 %
Textile Mill Products	1,051	5,857	17.9 %
Apparel & Other Textile Products	23,527	41,433	56.8 %
Lumber & Wood Products (exc. Furniture)	1,264	1,353	
Furniture & Fixtures	2,311	15,672	
Paper & Allied Products	0		
Printing & Publishing	234	1,405	
Chemicals & Allied Products	1,225	13,277	
Petroleum & Coal Products	53	89	59.6 %
Rubber & Misc. Plastic Products	1,963		
Stone, Clay, Glass & Concrete Products	152		68.5 %
Primary Metal Industries	885	3,051	29.0 %
Fabricated Metal Products (exc. mach.)	8,341	16,323	
Machinery, Computer Eqpmnt (exc. elect.)	6,264	137,566	
Electric & Electronic Equipment	3,891	197,074	
Trans. Egpmnt., Incl. Motor Vehicles	11,833		
Instruments & Related Products	1,120	92,970	1.2 %
Misc. Manufacturing Industries	573	631	90.8 %
Transportation & Warehousing	3,787	44,295	
Communication	4,072	24,072	
Electric, Gas & Sanitary Service	1,276	38,205	3.3 %
Wholesale & Retail Trade (exc. eating)	3,483	135,738	
Eating & Drinking Places	14,912	14,912	100.0 %
Finance & Insurance	O	0	
Real Estate & Rentals	0	0	
Personal Services	745	2,251	33.1 %
Business Services	15,115	73,291	20.6 %
Automotive Repairs & Services	1,334	1,334	100.0 %
Miscellaneous Services	18,052	228,454	7.9 %
All Industries	231,580	1,372,344	16.9 %

SOUTH CAROLINA

	Small Business	Total	% Small Business
Agri. Serv., Forest., Fish., & Other	1,813	1,813	100.0 %
Mining	237	382	62.0 %
Construction	81,941	122,958	66.6 %
Food & Kindred Products	13,385	15,552	86.1 %
Textile Mill Products	746	7,119	10.5 %
Apparel & Other Textile Products	60	414	14.5 %
Lumber & Wood Products (exc. Furniture)	232	232	100.0 %
Furniture & Fixtures	254	357	71.1 %
Paper & Allied Products	0	240	0.0 %
Printing & Publishing	ol	75	0.0 %
Chemicals & Allied Products	492	2,126	23.1 %
Petroleum & Coal Products	85	1,470	5.8 %
Rubber & Misc. Plastic Products	1,642	20,674	7.9 %
Stone, Clay, Glass & Concrete Products	94	94	100.0 %
Primary Metal Industries	227	46,236	0.5 %
Fabricated Metal Products (exc. mach.)	9,992	60,773	16.4 %
Machinery, Computer Eqpmnt (exc. elect.)	6,793	20,903	32.5 %
Electric & Electronic Equipment	4,900	4,083	120.0 %
Trans. Egpmnt., Incl. Motor Vehicles	62,920	92,922	67.7 %
Instruments & Related Products	1,231	3,332	36.9 %
Misc. Manufacturing Industries	4,983	5,086	98.0 %
Transportation & Warehousing	3,438	· 0	
Communication	40	2,491	1.6 %
Electric, Gas & Sanitary Service	1,169	37,035	3.2 %
Wholesale & Retail Trade (exc. eating)	7,039	16,068	43.8 %
Eating & Drinking Places	11,134	11,134	100.0 %
Finance & Insurance	0	41,262	0.0 %
Real Estate & Rentals	0	O j	
Personal Services	2,295	3,623	63.3 %
Business Services	9,347	13,192	70.9 %
Automotive Repairs & Services	493	558	88.4 %
Miscellaneous Services	36,534	204,928	17.8 %
All Industries	263,516	737,132	35.7 %

GEORGIA

	Small Business	Total	% Small Business
Agri. Serv., Forest., Fish., & Other	1,181	1,181	100.0 %
Mining	864	1,164	74.2 %
Construction	93,362	145,584	64.1 %
Food & Kindred Products	4,358	20,737	21.0 %
Textile Mill Products	1,678	8,283	20.3 %
Apparel & Other Textile Products	4,094	4,731	86.5 %
Lumber & Wood Products (exc. Furniture)	674	785	85.9 %
Furniture & Fixtures	890	5,006	17.8 %
Paper & Allied Products	48	414	11.6 %
Printing & Publishing	1,328	3,103	42.8 %
Chemicals & Allied Products	632	1,636	38.6 %
Petroleum & Coal Products	l oi	0	
Rubber & Misc. Plastic Products	638	21,912	2.9 %
Stone, Clay, Glass & Concrete Products	119	450	26.4 %
Primary Metal Industries	312	6,738	4.6 %
Fabricated Metal Products (exc. mach.)	6,318	97,057	6.5 %
Machinery, Computer Egpmnt (exc. elect.)	5,826	21,223	27.5 %
Electric & Electronic Equipment	2,594	31,711	8.2 %
Trans. Eqpmnt., Incl. Motor Vehicles	5,171	2,824,170	0.2 %
Instruments & Related Products	3,747	41,883	8.9 %
Misc. Manufacturing Industries	297	357	83.2 %
Transportation & Warehousing	2,349	8,234	28.5 %
Communication	0	8,789	0.0 %
Electric, Gas & Sanitary Service	3,034	54,987	5.5 %
Wholesale & Retail Trade (exc. eating)	11,126	30,236	36.8 %
Eating & Drinking Places	16,076	16,102	99.8 %
Finance & Insurance	o∦	0	
Real Estate & Rentals	o l	0	
Personal Services	416	943	44.1 %
Business Services	27,404	60,390	45.4 %
Automotive Repairs & Services	2,554	2,810	90.9 %
Miscellaneous Services	55,446	320,507	17.3 %
All Industries	252,536	3,741,123	6.8 %

FLORIDA

	Small Business	Total	% Small Business
Agri. Serv., Forest., Fish., & Other	4,362		
Mining	332	11	
Construction	219,899		D
Food & Kindred Products	13,071		
Textile Mill Products	82	112	
Apparel & Other Textile Products	6,427	8	_
Lumber & Wood Products (exc. Furniture)	94	94	
Furniture & Fixtures	1,263	2,445	
Paper & Allied Products	232	232	
Printing & Publishing	504	0	
Chemicals & Allied Products	3,579	22,518	15.9 %
Petroleum & Coal Products	53	287	18.5 %
Rubber & Misc. Plastic Products	4,286	11,095	38.6 %
Stone, Clay, Glass & Concrete Products	229	537	42.6 %
Primary Metal Industries	540	611	88.4 %
Fabricated Metal Products (exc. mach.)	54,261	381,918	14.2 %
Machinery, Computer Egpmnt (exc. elect.)	18,903	63,387	29.8 %
Electric & Electronic Equipment	44,157	443,992	9.9 %
Trans. Egpmnt., Incl. Motor Vehicles	92,284	1,853,796	5.0 %
Instruments & Related Products	24,170	173,755	13.9 %
Misc. Manufacturing Industries	1,093	4,893	22.3 %
Transportation & Warehousing	13,835	66,541	20.8 %
Communication	75	38,074	0.2 %
Electric, Gas & Sanitary Service	5,028	30,535	16.5 %
Wholesale & Retail Trade (exc. eating)	30,744	48,202	63.8 %
Eating & Drinking Places	9,431	11,220	84.1 %
Finance & Insurance	0	O	
Real Estate & Rentals	0	0	
Personal Services	25	561	4.5 %
Business Services	41,922	90,095	46.5 %
Automotive Repairs & Services	3,043	4,541	67.0 %
Miscellaneous Services	176,057	884,974	19.9 %
All Industries	769,981	4,537,164	17.0 %

DOD CONTRACT AWARDS BY INDUSTRY AND PLACE OF PERFORMANCE - FY92

KENTUCKY

	Small Business	Total	% Small Business
Agri. Serv., Forest., Fish., & Other	785	1,009	77.8 %
Mining	3,202	3,399	94.2 %
Construction	82,484	130,062	63.4 %
Food & Kindred Products	6,308	9,253	68.2 %
Textile Mill Products	200	232	86.2 %
Apparel & Other Textile Products	7,003	16,004	43.8 %
Lumber & Wood Products (exc. Furniture)	137	137	100.0 %
Furniture & Fixtures	1,786	2,895	61.7 %
Paper & Allied Products	0	34	0.0 %
Printing & Publishing	104	133	78.2 %
Chemicals & Allied Products	0	2,648	0.0 %
Petroleum & Coal Products	640	640	100.0 %
Rubber & Misc. Plastic Products	486	867	56.1 %
Stone, Clay, Glass & Concrete Products	731	731	100.0 %
Primary Metal Industries	63	1,178	5.3 %
Fabricated Metal Products (exc. mach.)	3,136	3,810	82.3 %
Machinery, Computer Egpmnt (exc. elect.)	26,724	52,274	51.1 %
Electric & Electronic Equipment	4,786	8,172	58.6 %
Trans. Egpmnt., Incl. Motor Vehicles	1,436	10,700	13.4 %
Instruments & Related Products	1,694	4,654	36.4 %
Misc. Manufacturing Industries	124	188	66.0 %
Transportation & Warehousing	1,395	1,395	100.0 %
Communication	378	3,184	11.9 %
Electric, Gas & Sanitary Service	1,978	19,821	10.0 %
Wholesale & Retail Trade (exc. eating)	14,223	20,202	70.4 %
Eating & Drinking Places	41	41	100.0 %
Finance & Insurance	0	O	
Real Estate & Rentals	0	o	
Personal Services	9,595	9,595	100.0 %
Business Services	13,518	14,748	91.7 %
Automotive Repairs & Services	58	58	100.0 %
Miscellaneous Services	7,689	90,132	8.5 %
All Industries	190,704	408,196	46.7 %

TENNESSEE

	Small Business	Total	% Small Business
Agri. Serv., Forest., Fish., & Other	268	268	100.0 %
Mining	0	0	
Construction	41,855	138,855	30.1 %
Food & Kindred Products	3,412		
Textile Mill Products	188	369	50.9 %
Apparel & Other Textile Products	58,676	100,156	58.6 %
Lumber & Wood Products (exc. Furniture)	1,738		
Furniture & Fixtures	31	1,109	R .
Paper & Allied Products	0	750	
Printing & Publishing	l ol	162	0.0 %
Chemicals & Allied Products	1,867	134,259	1.4 %
Petroleum & Coal Products	ol	0	ĺ
Rubber & Misc. Plastic Products	276	5,298	5.2 %
Stone, Clay, Glass & Concrete Products	1,814	1,814	100.0 %
Primary Metal Industries	486	545	89.2 %
Fabricated Metal Products (exc. mach.)	16,978	175,329	9.7 %
Machinery, Computer Eqpmnt (exc. elect.)	17,868	22,427	79.7 %
Electric & Electronic Equipment	4,838	10,363	46.7 %
Trans. Eqpmnt., Incl. Motor Vehicles	19,046	91,166	20.9 %
Instruments & Related Products	3,846	4,740	81.1 %
Misc. Manufacturing Industries	270	346	78.0 %
Transportation & Warehousing	1,904	1,908	99.8 %
Communication	0	123	0.0 %
Electric, Gas & Sanitary Service	2,062	10,701	19.3 %
Wholesale & Retail Trade (exc. eating)	7,296	8,114	89.9 %
Eating & Drinking Places	1,170	1,170	100.0 %
Finance & Insurance	0	0	
Real Estate & Rentals	0	O)	
Personal Services	142	142	100.0 %
Business Services	11,151	12,336	90.4 %
Automotive Repairs & Services	0	O	
Miscellaneous Services	10,587	247,708	4.3 %
All Industries	207,769	979,021	21.2 %

ALABAMA

	Small Business	Total	% Small Business
Agri. Serv., Forest., Fish., & Other	2,349	2,349	100.0 %
Mining	0	0	
Construction	110,606	223,608	49.5 %
Food & Kindred Products	1,446	6,662	21.7 %
Textile Mill Products	127	914	13.9 %
Apparel & Other Textile Products	14,946	76,351	19.6 %
Lumber & Wood Products (exc. Furniture)	1,810	1,810	100.0 %
Furniture & Fixtures	2,745	3,197	85.9 %
Paper & Allied Products	0	0	
Printing & Publishing	0	418	0.0 %
Chemicals & Allied Products	35	2,820	1.2 %
Petroleum & Coal Products	0	8,565	0.0 %
Rubber & Misc. Plastic Products	597	6,368	9.4 %
Stone, Clay, Glass & Concrete Products	54	54	100.0 %
Primary Metal Industries	2,200	2,568	85.7 %
Fabricated Metal Products (exc. mach.)	42,555	49,732	85.6 %
Machinery, Computer Eqpmnt (exc. elect.)	14,985	42,577	35.2 %
Electric & Electronic Equipment	8,606	25,476	33.8 %
Trans. Eqpmnt., Incl. Motor Vehicles	115,102	559,352	20.6 %
Instruments & Related Products	4,892	31,167	
Misc. Manufacturing Industries	410	1,029	39.8 %
Transportation & Warehousing	2,086	3,035	68.7 %
Communication	341	6,190	5.5 %
Electric, Gas & Sanitary Service	1,817	27,215	6.7 %
Wholesale & Retail Trade (exc. eating)	10,525	12,253	85.9 %
Eating & Drinking Places	3,719	3,719	100.0 %
Finance & Insurance	o	0	
Real Estate & Rentals	0	0	
Personal Services	746	746	100.0 %
Business Services	23,459	156,032	15.0 %
Automotive Repairs & Services	1,814	1,814	100.0 %
Miscellaneous Services	290,100	572,625	50.7 %
All Industries	658,072	1,828,646	36.0 %

MISSISSIPPI

	Small Business	Total	% Small Business
Agri. Serv., Forest., Fish., & Other	611	611	100.0 %
Mining	471	906	52.0 %
Construction	84,732	122,311	69.3 %
Food & Kindred Products	5,252	8,467	62.0 %
Textile Mill Products	335	335	100.0 %
Apparel & Other Textile Products	19,054	22,516	84.6 %
Lumber & Wood Products (exc. Furniture)	89	89	100.0 %
Furniture & Fixtures	252	575	43.8 %
Paper & Ailied Products	O	0	
Printing & Publishing	0	48	0.0 %
Chemicals & Allied Products	O	1,187	0.0 %
Petroleum & Coal Products	45,080	49,212	91.6 %
Rubber & Misc. Plastic Products	5,498	15,514	35.4 %
Stone, Clay, Glass & Concrete Products	1,190	1,260	94.4 %
Primary Metal Industries	120	784	15.3 %
Fabricated Metal Products (exc. mach.)	397	6,822	5.8 %
Machinery, Computer Eqpmnt (exc. elect.)	2,296	12,765	18.0 %
Electric & Electronic Equipment	703	3,834	18.3 %
Trans. Eqpmnt., Incl. Motor Vehicles	2,711	2,063,474	0.1 %
Instruments & Related Products	997	14,866	6.7 %
Misc. Manufacturing Industries	37	519	7.1 %
Transportation & Warehousing	5,816	7,561	76.9 %
Communication	2,635	2,796	94.2 %
Electric, Gas & Sanitary Service	785	8,088	9.7 %
Wholesale & Retail Trade (exc. eating)	5,059	5,143	98.4 %
Eating & Drinking Places	8,724	8,769	99.5 %
Finance & Insurance	O 🛭	O	
Real Estate & Rentals	o#	0	
Personal Services	171	937	18.2 %
Business Services	12,782	19,028	67.2 %
Automotive Repairs & Services	0	O	
Miscellaneous Services	23,930	182,477	13.1 %
All Industries	229,727	2,560,894	9.0 %

ARKANSAS

Agri. Serv., Forest., Fish., & Other Mining Construction Social Stindred Products Textile Mill Products Textile Mill Products Apparel & Other Textile Products Textile Mill Products Apparel & Other Textile Products Termiture & Fotures Primiture & Fotures Printing & Publishing Chemicals & Allied Products Rubber & Misc. Plastic Products Primary Metal Industries Primary Metal Industries Primary Metal Industries Electric & Electronic Equipment Trans. Eqpmnt., Incl. Motor Vehicles Instruments & Related Products Some Misc. Manufacturing Industries Communication Electric, Gas & Sanitary Service Real Estate & Rentals Personal Services Automotive Repairs & Services Automotive Repairs & Services Automotive Repairs & Services Automotive Repairs & Services Age 2 100.0 % 100.0		Small Business	Total	% Small Business
Mining				
Construction 39,374 66,568 59.1 %		358	1	
Food & Kindred Products		_	•	R .
Textile Mill Products				n
Apparel & Other Textile Products Lumber & Wood Products (exc. Furniture) Furniture & Fixtures Paper & Allied Products Paper & Allied Products Printing & Publishing Petroleum & Coal Products Petroleum & Coal Products Primary Metal Industries Primary Metal Industries Fabricated Metal Products (exc. mach.) Machinery, Computer Eqpmnt (exc. elect.) Electric & Electronic Equipment Prans. Eqpmnt., Incl. Motor Vehicles Instruments & Related Products Misc. Manufacturing Industries Distriction Transportation & Warehousing Communication Electric, Gas & Sanitary Service Wholesale & Retail Trade (exc. eating) Electric, Gas & Retail Trade (exc. eating) Elesting & Drinking Places Finance & Insurance Real Estate & Rentals Personal Services Distriction Responsible Action Responsi	Food & Kindred Products			
Lumber & Wood Products (exc. Furniture) 142 537 26.4 % Furniture & Fixtures 904 946 95.6 % Paper & Allied Products 218 251 36.9 % Printing & Publishing 0 71 0.0 % Chemicals & Allied Products 0 0 0 Petroleum & Coal Products 0 0 0 Rubber & Misc. Plastic Products 1,533 12,170 12.6 % Stone, Clay, Glass & Concrete Products 0 0 0 Primary Metal Industries 623 787 79.2 % Fabricated Metal Products (exc. mach.) 3,987 10,118 39.4 % Machinery, Computer Eqpmnt (exc. elect.) 2,304 4,362 52.8 % Electric & Electronic Equipment 477 1,949 24.5 % Trans. Eqpmnt., Incl. Motor Vehicles 12,212 84,580 14.4 % Instruments & Related Products 508 543 93.6 % Misc. Manufacturing Industries 0 0 0 Transportation & Warehousing <	Textile Mill Products		,	7
Furniture & Fotures 904 946 95.6 % Paper & Allied Products 218 251 86.9 % Printing & Publishing 0 71 0.0 % Chemicals & Allied Products 90 0 71 0.0 % Petroleum & Coal Products 0 0 0 8 Rubber & Misc. Plastic Products 1,533 12,170 12.6 % Stone, Clay, Glass & Concrete Products 0 0 0 8 Primary Metal Industries 623 787 79.2 % Fabricated Metal Products (exc. mach.) 3,987 10,118 39.4 % Machinery, Computer Eqpmnt (exc. elect.) 2,304 4,362 52.8 % Electric & Electronic Equipment 477 1,949 24.5 % 17ans. Eqpmnt., Incl. Motor Vehicles 12,212 84,580 14.4 % Instruments & Related Products 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Apparel & Other Textile Products		-•	28.2 %
Paper & Allied Products 218 251 86.9 % Printing & Publishing 0 71 0.0 % 0.0	Lumber & Wood Products (exc. Furniture)			26.4 %
Printing & Publishing 0 71 0.0 % Chemicals & Allied Products 342 690 49.6 % Petroleum & Coal Products 0 0 Rubber & Misc. Plastic Products 0 0 Stone, Clay, Glass & Cohcrete Products 0 0 Primary Metal Industries 623 787 79.2 % Fabricated Metal Products (exc. mach.) 3,987 10,118 39.4 % Machinery, Computer Eqpmnt (exc. elect.) 2,304 4,362 52.8 % Electric & Electronic Equipment 477 1,949 24.5 % Trans. Eqpmnt., Incl. Motor Vehicles 12,212 84,580 14.4 % Instruments & Related Products 508 543 93.6 % Misc. Manufacturing Industries 0 0 0 Transportation & Warehousing 163 1,343 12.1 % Communication 32 408 7.8 % Electric, Gas & Sanitary Service 2,278 14,135 16.1 % Wholesale & Retail Trade (exc. eating) 20,861 21,204 98.4	Furniture & Fixtures	904	946	95.6 %
Chemicals & Allied Products 342 690 49.6 % Petroleum & Coal Products 0 0 Rubber & Misc. Plastic Products 1,533 12,170 12.6 % Stone, Clay, Glass & Concrete Products 0 0 Primary Metal Industries 623 787 79.2 % Fabricated Metal Products (exc. mach.) 3,987 10,118 39.4 % Machinery, Computer Eqpmnt (exc. elect.) 2,304 4,362 52.8 % Electric & Electronic Equipment 477 1,949 24.5 % Trans. Eqpmnt., Incl. Motor Vehicles 12,212 84,580 14.4 % Instruments & Related Products 508 543 93.6 % Misc. Manufacturing Industries 0 0 0 Transportation & Warehousing 163 1,343 12.1 % Communication 32 408 7.8 % Electric, Gas & Sanitary Service 2,278 14,135 16.1 % Wholesale & Retail Trade (exc. eating) 20,861 21,204 98.4 % Eating & Drinking Places 0 0 0 Finance & Insurance 0	Paper & Allied Products	218	251	86.9 %
Petroleum & Coal Products 0 0 0 0 0 0 0 0 0	Printing & Publishing	0	71	0.0 %
Rubber & Misc. Plastic Products 1,533 12,170 12.6 % Stone, Clay, Glass & Concrete Products 0 0 Primary Metal Industries 623 787 79.2 % Fabricated Metal Products (exc. mach.) 3,987 10,118 39.4 % Machinery, Computer Eqpmnt (exc. elect.) 2,304 4,362 52.8 % Electric & Electronic Equipment 477 1,949 24.5 % Trans. Eqpmnt., Incl. Motor Vehicles 12,212 84,580 14.4 % Instruments & Related Products 508 543 93.6 % Misc. Manufacturing Industries 0 0 0 Transportation & Warehousing 163 1,343 12.1 % Communication 32 408 7.8 % Electric, Gas & Sanitary Service 2,278 14,135 16.1 % Wholesale & Retail Trade (exc. eating) 20,861 21,204 98.4 % Eating & Drinking Places 0 0 0 Finance & Insurance 0 0 0 Real Estate & Rentals 0 0 0 Personal Services 31	Chemicals & Allied Products	342	690	49.6 %
Stone, Clay, Glass & Concrete Products 0 0 Primary Metal Industries 623 787 79.2 % Fabricated Metal Products (exc. mach.) 3,987 10,118 39.4 % Machinery, Computer Eqpmnt (exc. elect.) 2,304 4,362 52.8 % Electric & Electronic Equipment 477 1,949 24.5 % Trans. Eqpmnt., Incl. Motor Vehicles 12,212 84,580 14.4 % Instruments & Related Products 508 543 93.6 % Misc. Manufacturing Industries 0 0 0 Transportation & Warehousing 163 1,343 12.1 % Communication 32 408 7.8 % Electric, Gas & Sanitary Service 2,278 14,135 16.1 % Wholesale & Retail Trade (exc. eating) 20,861 21,204 98.4 % Eating & Drinking Places 1,908 2,801 68.1 % Finance & Insurance 0 0 0 Real Estate & Rentals 0 0 0 Personal Services 31 31 100.0 % Business Services 30 30	Petroleum & Coal Products	0	0	
Stone, Clay, Glass & Cohcrete Products 0 0 Primary Metal Industries 623 787 79.2 % Fabricated Metal Products (exc. mach.) 3,987 10,118 39.4 % Machinery, Computer Eqpmnt (exc. elect.) 2,304 4,362 52.8 % Electric & Electronic Equipment 477 1,949 24.5 % Trans. Eqpmnt., Incl. Motor Vehicles 12,212 84,580 14.4 % Instruments & Related Products 508 543 93.6 % Misc. Manufacturing Industries 0 0 0 Transportation & Warehousing 163 1,343 12.1 % Communication 32 408 7.8 % Electric, Gas & Sanitary Service 2,278 14,135 16.1 % Wholesale & Retail Trade (exc. eating) 20,861 21,204 98.4 % Eating & Drinking Places 1,908 2,801 68.1 % Finance & Insurance 0 0 0 Real Estate & Rentals 0 0 0 Personal Services 31 31 </td <td>Rubber & Misc. Plastic Products</td> <td>1,533</td> <td>12,170</td> <td>12.6 %</td>	Rubber & Misc. Plastic Products	1,533	12,170	12.6 %
Primary Metal Industries 623 787 79.2 % Fabricated Metal Products (exc. mach.) 3,987 10,118 39.4 % Machinery, Computer Eqpmnt (exc. elect.) 2,304 4,362 52.8 % Electric & Electronic Equipment 477 1,949 24.5 % Trans. Eqpmnt., Incl. Motor Vehicles 12,212 84,580 14.4 % Instruments & Related Products 508 543 93.6 % Misc. Manufacturing Industries 0 0 0 Transportation & Warehousing 163 1,343 12.1 % Communication 32 408 7.8 % Electric, Gas & Sanitary Service 2,278 14,135 16.1 % Wholesale & Retail Trade (exc. eating) 20,861 21,204 98.4 % Eating & Drinking Places 1,908 2,801 68.1 % Finance & Insurance 0 0 0 Real Estate & Rentals 0 0 0 Personal Services 31 31 100.0 % Business Services 30 <t< td=""><td>Stone, Clay, Glass & Concrete Products</td><td>0</td><td>0</td><td></td></t<>	Stone, Clay, Glass & Concrete Products	0	0	
Fabricated Metal Products (exc. mach.) 3,987 10,118 39.4 % Machinery, Computer Eqpmnt (exc. elect.) 2,304 4,362 52.8 % Electric & Electronic Equipment 477 1,949 24.5 % Trans. Eqpmnt., Incl. Motor Vehicles 12,212 84,580 14.4 % Instruments & Related Products 508 543 93.6 % Misc. Manufacturing Industries 0 0 Transportation & Warehousing 163 1,343 12.1 % Communication 32 408 7.8 % Electric, Gas & Sanitary Service 2,278 14,135 16.1 % Wholesale & Retail Trade (exc. eating) 20,861 21,204 98.4 % Eating & Drinking Places 1,908 2,801 68.1 % Finance & Insurance 0 0 Real Estate & Rentals 0 0 Personal Services 31 31 100.0 % Business Services 30 30 100.0 % Automotive Repairs & Services 2,257 10,951 20.6 %	· · · · · · · · · · · · · · · · · · ·	623	787	79.2 %
Machinery, Computer Eqpmnt (exc. elect.) 2,304 4,362 52.8 % Electric & Electronic Equipment 477 1,949 24.5 % Trans. Eqpmnt., Incl. Motor Vehicles 12,212 84,580 14.4 % Instruments & Related Products 508 543 93.6 % Misc. Manufacturing Industries 0 0 Transportation & Warehousing 163 1,343 12.1 % Communication 32 408 7.8 % Electric, Gas & Sanitary Service 2,278 14,135 16.1 % Wholesale & Retail Trade (exc. eating) 20,861 21,204 98.4 % Eating & Drinking Places 1,908 2,801 68.1 % Finance & Insurance 0 0 Real Estate & Rentals 0 0 Personal Services 31 31 100.0 % Business Services 30 30 100.0 % Automotive Repairs & Services 2,257 10,951 20.6 %		3,987	10,118	39.4 %
Electric & Electronic Equipment 477 1,949 24.5 % Trans. Eqpmnt., Incl. Motor Vehicles 12,212 84,580 14.4 % Instruments & Related Products 508 543 93.6 % Misc. Manufacturing Industries 0 0 Transportation & Warehousing 163 1,343 12.1 % Communication 32 408 7.8 % Electric, Gas & Sanitary Service 2,278 14,135 16.1 % Wholesale & Retail Trade (exc. eating) 20,861 21,204 98.4 % Eating & Drinking Places 1,908 2,801 68.1 % Finance & Insurance 0 0 Real Estate & Rentals 0 0 Personal Services 31 31 100.0 % Business Services 2,242 3,264 68.7 % Automotive Repairs & Services 30 30 100.0 % Miscellaneous Services 2,257 10,951 20.6 %				52.8 %
Trans. Eqpmnt., Incl. Motor Vehicles 12,212 84,580 14.4 % Instruments & Related Products 508 543 93.6 % Misc. Manufacturing Industries 0 0 Transportation & Warehousing 163 1,343 12.1 % Communication 32 408 7.8 % Electric, Gas & Sanitary Service 2,278 14,135 16.1 % Wholesale & Retail Trade (exc. eating) 20,861 21,204 98.4 % Eating & Drinking Places 1,908 2,801 68.1 % Finance & Insurance 0 0 Real Estate & Rentals 0 0 Personal Services 31 31 Business Services 2,242 3,264 Automotive Repairs & Services 30 30 Miscellaneous Services 2,257 10,951		1 ' 1	1,949	24.5 %
Instruments & Related Products		12.212	84,580	14.4 %
Misc. Manufacturing Industries 0 0 Transportation & Warehousing 163 1,343 Communication 32 408 Electric, Gas & Sanitary Service 2,278 14,135 Wholesale & Retail Trade (exc. eating) 20,861 21,204 Eating & Drinking Places 1,908 2,801 Finance & Insurance 0 0 Real Estate & Rentals 0 0 Personal Services 31 31 100.0 % Business Services 2,242 3,264 68.7 % Automotive Repairs & Services 30 30 100.0 % Miscellaneous Services 2,257 10,951 20.6 %				93.6 %
Transportation & Warehousing 163 1,343 12.1 % Communication 32 408 7.8 % Electric, Gas & Sanitary Service 2,278 14,135 16.1 % Wholesale & Retail Trade (exc. eating) 20,861 21,204 98.4 % Eating & Drinking Places 1,908 2,801 68.1 % Finance & Insurance 0 0 Real Estate & Rentals 0 0 Personal Services 31 31 100.0 % Business Services 2,242 3,264 68.7 % Automotive Repairs & Services 30 30 100.0 % Miscellaneous Services 2,257 10,951 20.6 %	Misc. Manufacturing Industries	o	0	
Communication 32 408 7.8 % Electric, Gas & Sanitary Service 2,278 14,135 16.1 % Wholesale & Retail Trade (exc. eating) 20,861 21,204 98.4 % Eating & Drinking Places 1,908 2,801 68.1 % Finance & Insurance 0 0 Real Estate & Rentals 0 0 Personal Services 31 31 100.0 % Business Services 2,242 3,264 68.7 % Automotive Repairs & Services 30 30 100.0 % Miscellaneous Services 2,257 10,951 20.6 %		163	1,343	12.1 %
Electric, Gas & Sanitary Service 2,278 14,135 16.1 % Wholesale & Retail Trade (exc. eating) 20,861 21,204 98.4 % Eating & Drinking Places 1,908 2,801 68.1 % Finance & Insurance 0 0 Real Estate & Rentals 0 0 Personal Services 31 31 100.0 % Business Services 2,242 3,264 68.7 % Automotive Repairs & Services 30 30 100.0 % Miscellaneous Services 2,257 10,951 20.6 %	,	32		7.8 %
Wholesale & Retail Trade (exc. eating) 20,861 21,204 98.4 % Eating & Drinking Places 1,908 2,801 68.1 % Finance & Insurance 0 0 Real Estate & Rentals 0 0 Personal Services 31 31 100.0 % Business Services 2,242 3,264 68.7 % Automotive Repairs & Services 30 30 100.0 % Miscellaneous Services 2,257 10,951 20.6 %		2.278	14,135	16.1 %
Eating & Drinking Places 1,908 2,801 68.1 % Finance & Insurance 0 0 Real Estate & Rentals 0 0 Personal Services 31 31 100.0 % Business Services 2,242 3,264 68.7 % Automotive Repairs & Services 30 30 100.0 % Miscellaneous Services 2,257 10,951 20.6 %				98.4 %
Finance & Insurance 0 0 Real Estate & Rentals 0 0 Personal Services 31 31 100.0 % Business Services 2,242 3,264 68.7 % Automotive Repairs & Services 30 30 100.0 % Miscellaneous Services 2,257 10,951 20.6 %	, ,		· ·	68.1 %
Real Estate & Rentals 0 0 Personal Services 31 31 100.0 % Business Services 2,242 3,264 68.7 % Automotive Repairs & Services 30 30 100.0 % Miscellaneous Services 2,257 10,951 20.6 %		0	-,. 0	
Personal Services 31 31 100.0 % Business Services 2,242 3,264 68.7 % Automotive Repairs & Services 30 30 100.0 % Miscellaneous Services 2,257 10,951 20.6 %		Ō	0	
Business Services 2,242 3,264 68.7 % Automotive Repairs & Services 30 30 100.0 % Miscellaneous Services 2,257 10,951 20.6 %		31	31	100.0 %
Automotive Repairs & Services 30 30 100.0 % Miscellaneous Services 2,257 10,951 20.6 %			• • •	68.7 %
Miscellaneous Services 2,257 10,951 20.6 %			·	T T T T T T T T T T T T T T T T T T T
	•	1		
All Industriae 8 95 1948 253 8798 35 1 %	All Industries	95,194	263,879	36.1 %

LOUISIANA

	Small Business	Total	% Small Business
Agri. Serv., Forest., Fish., & Other	1,496	1,496	100.0 %
Mining	267	434	61.5 %
Construction	113,915	297,242	38.3 %
Food & Kindred Products	4,281	5,260	81.4 %
Textile Mill Products	0	107	0.0 %
Apparel & Other Textile Products	0	72	0.0 %
Lumber & Wood Products (exc. Furniture)	226	293	77.1 %
Furniture & Fixtures	0	85	0.0 %
Paper & Allied Products	209	209	100.0 %
Printing & Publishing	0	(o	ĺ
Chemicals & Allied Products	614	13,354	4.6 %
Petroleum & Coal Products	149,230	234,769	63.6 %
Rubber & Misc. Plastic Products	183	183	100.0 %
Stone, Clay, Glass & Concrete Products	3,632	3,632	100.0 %
Primary Metal Industries	473	473	100.0 %
Fabricated Metal Products (exc. mach.)	2,640	76,889	3.4 %
Machinery, Computer Egpmnt (exc. elect.)	2,858	7,573	37.7 %
Electric & Electronic Equipment	853	1,568	54.4 %
Trans. Egpmnt., Incl. Motor Vehicles	7,715	370,504	2.1 %
Instruments & Related Products	14,476	14,476	100.0 %
Misc. Manufacturing Industries	0	65	0.0 %
Transportation & Warehousing	7,917	12,344	64.1 %
Communication	395	1,492	26.5 %
Electric, Gas & Sanitary Service	1,748	13,627	12.8 %
Wholesale & Retail Trade (exc. eating)	5,551	8,911	62.3 %
Eating & Drinking Places	3,001	3,001	100.0 %
Finance & Insurance	98	98	100.0 %
Real Estate & Rentals	0	0	
Personal Services	302	302	100.0 %
Business Services	22,843	30,694	74.4 %
Automotive Repairs & Services	0	0	
Miscellaneous Services	19,900	101,772	19.6 %
All Industries	364,823	1,200,925	30.4 %

OKLAHOMA

	Small Business	Total	% Small Business
Agri. Serv., Forest., Fish., & Other	316	316	100.0 %
Mining	3,766	3,766	100.0 %
Construction	122,204	224,641	54.4 %
Food & Kindred Products	709	3,282	21.6 %
Textile Mill Products	41	41	100.0 %
Apparel & Other Textile Products	45	45	100.0 %
Lumber & Wood Products (exc. Furniture)	56	56	100.0 %
Furniture & Fixtures	205	349	58.7 %
Paper & Allied Products	0	0	
Printing & Publishing	0	153	0.0 %
Chemicals & Allied Products	218	1,087	20.1 %
Petroleum & Coal Products	25,401	46,450	54.7 %
Rubber & Misc. Plastic Products	262	262	100.0 %
Stone, Clay, Glass & Concrete Products	78	104	75.0 %
Primary Metal Industries	732	381	192.1 %
Fabricated Metal Products (exc. mach.)	2,182	2,390	91.3 %
Machinery, Computer Eqpmnt (exc. elect.)	6,990	11,566	60.4 %
Electric & Electronic Equipment	11,708	12,186	96.1 %
Trans. Egpmnt., Incl. Motor Vehicles	11,408	183,128	6.2 %
Instruments & Related Products	1,012	9,464	10.7 %
Misc. Manufacturing Industries	242	337	71.8 %
Transportation & Warehousing	727	200	3 63 .5 %
Communication	5,793	14,537	39.9 %
Electric, Gas & Sanitary Service	3,380	19,160	17.6 %
Wholesale & Retail Trade (exc. eating)	2,421	7,471	32.4 %
Eating & Drinking Places	9,353	9,980	93.7 %
Finance & Insurance	0	O	
Real Estate & Rentals	0	0	
Personal Services	1,407	1,407	100.0 %
Business Services	18,836	82,461	22.8 %
Automotive Repairs & Services	O O	9,020	0.0 %
Miscellaneous Services	25,379	82,367	30.8 %
All Industries	254,871	726,607	35.1 %

TEXAS

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	Small Business	Total	% Small Business
Agri. Serv., Forest., Fish., & Other	5,006	5,591	89.5 %
Mining	10,695		97.0 %
Construction	264,840	682,673	38.8 %
Food & Kindred Products	72,774	97,062	75.0 %
Textile Mill Products	99	99	100.0 %
Apparel & Other Textile Products	0	ľO	İ
Lumber & Wood Products (exc. Furniture)	763	1,038	73.5 %
Furniture & Fixtures	11,998	15,159	79.1 %
Paper & Allied Products	384	384	100.0 %
Printing & Publishing	320	3,896	8.2 %
Chemicals & Allied Products	8,578	44,193	19.4 %
Petroleum & Coal Products	202,708	912,488	22.2 %
Rubber & Misc. Plastic Products	1,314	2,299	57.2 %
Stone, Clay, Glass & Concrete Products	520	445	116.9 %
Primary Metal Industries	2,472	6,926	35.7 %
Fabricated Metal Products (exc. mach.)	14,718	519,263	2.8 %
Machinery, Computer Eqpmnt (exc. elect.)	24,404	205,779	11.9 %
Electric & Electronic Equipment	23,373	225,979	10.3 %
Trans. Eqpmnt., Incl. Motor Vehicles	95,343	3,964,673	2.4 %
Instruments & Related Products	23,479	397,618	5.9 %
Misc. Manufacturing Industries	1,658	1,844	89.9 %
Transportation & Warehousing	17,607	90,693	19.4 %
Communication	7,827	27,765	28.2 %
Electric, Gas & Sanitary Service	5,848	104,194	5.6 %
Wholesale & Retail Trade (exc. eating)	19,963	56,612	35.3 %
Eating & Drinking Places	24,690	29,907	82.6 %
Finance & Insurance	0	0	
Real Estate & Rentals	1,766	1,766	100.0 %
Personal Services	2,102	2,287	91.9 %
Business Services	59,757	137,060	43.6 %
Automotive Repairs & Services	6,105	7,059	86.5 %
Miscellaneous Services	81,196	950,645	8.5 %
All Industries	992,307	8,506,418	11.7 %

MONTANA

	Small Business	Total	% Small Business
Agri. Serv., Forest., Fish., & Other	335	335	100.0 %
Mining	0	0	Ì
Construction	16,766	16,826	99.6 %
Food & Kindred Products	0	56	0.0 %
Textile Mill Products	0	489	0.0 %
Apparel & Other Textile Products	688	688	100.0 %
Lumber & Wood Products (exc. Furniture)	0	0	,
Furniture & Fixtures	37	72	51.4 %
Paper & Allied Products	0	0	
Printing & Publishing	0	0	
Chemicals & Allied Products	63	63	100.0 %
Petroleum & Coal Products	8,778	8,778	100.0 %
Rubber & Misc. Plastic Products	0	Ó	
Stone, Clay, Glass & Concrete Products	0	O	
Primary Metal Industries	75	75	100.0 %
Fabricated Metal Products (exc. mach.)	2,670	2,670	100.0 %
Machinery, Computer Egpmnt (exc. elect.)	218		28.6 %
Electric & Electronic Equipment	3,282	3,644	90.1 %
Trans. Egpmnt., Incl. Motor Vehicles	2,491	2,526	98.6 %
Instruments & Related Products	4,357	4,357	100.0 %
Misc. Manufacturing Industries	0	oj	
Transportation & Warehousing	451	451	100.0 %
Communication	o	271	0.0 %
Electric, Gas & Sanitary Service	2,227	6,703	33.2 %
Wholesale & Retail Trade (exc. eating)	1,492	1,492	100.0 %
Eating & Drinking Places	984	984	100.0 %
Finance & Insurance	o	l o	
Real Estate & Rentals	0	O O	
Personal Services	0	0	
Business Services	524	725	72.3 %
Automotive Repairs & Services	ol	l o	
Miscellaneous Services	1,853	3,507	52.8 %
All Industries	47,291	55,475	85.2 %

IDAHO

	Small Business	Total	% Small Business
Agri. Serv., Forest., Fish., & Other	46	46	100.0 %
Mining	2,080	2,080	100.0 %
Construction	17,500	25,852	67.7 %
Food & Kindred Products	1,162	4,425	26.3 %
Textile Mill Products	0	77	0.0 %
Apparel & Other Textile Products	0	1,007	0.0 %
Lumber & Wood Products (exc. Furniture)	0		0.0 %
Furniture & Fixtures	288	465	61.9 %
Paper & Allied Products] 0	0]
Printing & Publishing	131	131	100.0 %
Chemicals & Allied Products	72	72	100.0 %
Petroleum & Coal Products	0	0	
Rubber & Misc. Plastic Products	0	0	
Stone, Clay, Glass & Concrete Products	2,062	2,062	100.0 %
Primary Metal Industries	0	0	
Fabricated Metal Products (exc. mach.)	688	688	100.0 %
Machinery, Computer Egpmnt (exc. elect.)	164	1,059	15.5 %
Electric & Electronic Equipment	171	13,867	1.2 %
Trans. Eqpmnt., Incl. Motor Vehicles	398	512	77.7 %
Instruments & Related Products	69	95	72.6 %
Misc. Manufacturing Industries	0	o	
Transportation & Warehousing	ol	o	
Communication	78	162	48.1 %
Electric, Gas & Sanitary Service	94	2,080	4.5 %
Wholesale & Retail Trade (exc. eating)	349	394	88.6 %
Eating & Drinking Places	1,322	1,322	100.0 %
Finance & Insurance	o	0	Í
Real Estate & Rentals	O	o	•
Personal Services	0	o	
Business Services	1,828	2,230	82.0 %
Automotive Repairs & Services	o	O	
Miscellaneous Services	3,857	6,105	63.2 %
All Industries	32,359	64,998	49.8 %

WYOMING

	Small Business	Total	% Small Business
Agri. Serv., Forest., Fish., & Other	336		
Mining	0	110	
Construction	12,765		64.5 %
Food & Kindred Products	0	0	
Textile Mill Products	o	Ō	i
Apparel & Other Textile Products	i o	0	
Lumber & Wood Products (exc. Furniture)	Ö	Ō	
Furniture & Fixtures	100	100	100.0 %
Paper & Allied Products	0	0	
Printing & Publishing	o	38	0.0 %
Chemicals & Allied Products	l o	0	
Petroleum & Coal Products	21,503	31,157	69.0 %
Rubber & Misc. Plastic Products	O	0	
Stone, Clay, Glass & Concrete Products	l o	0	
Primary Metal Industries	l oi	0	
Fabricated Metal Products (exc. mach.)	o	O	
Machinery, Computer Egpmnt (exc. elect.)	37	65	56.9 %
Electric & Electronic Equipment	o	130	0.0 %
Trans. Egpmnt., Incl. Motor Vehicles	o	o	
Instruments & Related Products	187	187	100.0 %
Misc. Manufacturing Industries	0	0	
Transportation & Warehousing	51	51	100.0 %
Communication	o	0	
Electric, Gas & Sanitary Service	2,014	3,357	60.0 %
Wholesale & Retail Trade (exc. eating)	. 2	2	100.0 %
Eating & Drinking Places	789	789	100.0 %
Finance & Insurance	o	0	
Real Estate & Rentals	0	49	0.0 %
Personal Services	O	O	
Business Services	417	1,931	21.6 %
Automotive Repairs & Services	o	o	
Miscellaneous Services	1,356	2,971	45.6 %
All Industries	39,557	61,054	64.8 %

COLORADO

	Small Business	Total	% Small Business
Agri. Serv., Forest., Fish., & Other	2,340	2,340	100.0 %
Mining	1,250	2,073	60.3 %
Construction	93,954	122,455	76.7 %
Food & Kindred Products	146	8,278	1.8 %
Textile Mill Products	0	0	
Apparel & Other Textile Products	609	609	100.0 %
Lumber & Wood Products (exc. Furniture)	395	395	100.0 %
Furniture & Fixtures	568	1,909	29.8 %
Paper & Allied Products	990	990	100.0 %
Printing & Publishing	32	5,124	0.6 %
Chemicals & Allied Products	2,663	9,845	27.0 %
Petroleum & Coal Products	0	0.	
Rubber & Misc. Plastic Products	143	143	100.0 %
Stone, Clay, Glass & Concrete Products	121	351	34.5 %
Primary Metal Industries	27	254	10.6 %
Fabricated Metal Products (exc. mach.)	6,260	8,587	72.9 %
Machinery, Computer Egpmnt (exc. elect.)	8,482	81,997	10.3 %
Electric & Electronic Equipment	7,143	103,176	6.9 %
Trans. Egpmnt., Incl. Motor Vehicles	20,179	1,426,841	1.4 %
Instruments & Related Products	3,804	10,403	36.6 %
Misc. Manufacturing Industries	124	276	44.9 %
Transportation & Warehousing	594	594	100.0 %
Communication	1,409	38,698	3.6 %
Electric, Gas & Sanitary Service	8,130	25,691	31.6 %
Wholesale & Retail Trade (exc. eating)	10,440	13,531	77.2 %
Eating & Drinking Places	12,205	12,205	100.0 %
Finance & Insurance	0	200	0.0 %
Real Estate & Rentals	26	26	100.0 %
Personal Services	1,013	3,480	29.1 %
Business Services	17,457	88,197	19.8 %
Automotive Repairs & Services	45	1,907	2.4 %
Miscellaneous Services	59,591	434,239	13.7 %
All Industries	260,140	2,404,814	10.8 %

DOD CONTRACT AWARDS BY INDUSTRY AND PLACE OF PERFORMANCE - FY92

NEW MEXICO

	Small Business	Total	% Small Business
Agri. Serv., Forest., Fish., & Other	387	387	100.0 %
Mining	0	Ò	
Construction	96,583	168,034	57.5 %
Food & Kindred Products	156	1,074	14.5 %
Textile Mill Products	0	0	
Apparel & Other Textile Products	0	0	
Lumber & Wood Products (exc. Furniture)	0	0	
Furniture & Fixtures	40	65	61.5 %
Paper & Allied Products	0	0	
Printing & Publishing	0	0	
Chemicals & Allied Products	0	661	0.0 %
Petroleum & Coal Products	25,618	25,744	99.5 %
Rubber & Misc. Plastic Products	284	284	100.0 %
Stone, Clay, Glass & Concrete Products	273	273	100.0 %
Primary Metal Industries	o	0	
Fabricated Metal Products (exc. mach.)	2,680	2,874	93.2 %
Machinery, Computer Egpmnt (exc. elect.)	11,129	21,477	51.8 %
Electric & Electronic Equipment	19,004	22,889	83.0 %
Trans. Egpmnt., Incl. Motor Vehicles	16,109	61,963	26.0 %
Instruments & Related Products	1,643	13,220	12.4 %
Misc. Manufacturing Industries	o	0	
Transportation & Warehousing	563	688	81.8 %
Communication	l o	5,777	0.0 %
Electric, Gas & Sanitary Service	1,052	8,744	12.0 %
Wholesale & Retail Trade (exc. eating)	18,331	19,292	95.0 %
Eating & Drinking Places	593	1,679	35.3 %
Finance & Insurance	o	48,180	0.0 %
Real Estate & Rentals	0	0	
Personal Services	132	132	100.0 %
Business Services	14,069	37,070	38.0 %
Automotive Repairs & Services	76	76	100.0 %
Miscellaneous Services	86,831	265,727	32.7 %
All Industries	295,553	706,310	41.8 %

ARIZONA

	Small Business	Tota	% Small Business
Agri. Serv., Forest., Fish., & Other	1,196	1,196	100.0 %
Mining	53	η .	
Construction	58,465	84,919	
Food & Kindred Products	2,289	1	
Textile Mill Products	0	i o	. 8
Apparel & Other Textile Products	1,266	1,393	90.9 %
Lumber & Wood Products (exc. Furniture)	371	371	
Furniture & Fixtures	525	781	67.2 %
Paper & Allied Products	0	443	0.0 %
Printing & Publishing	647	676	95.7 %
Chemicals & Allied Products	798	18,199	4.4 %
Petroleum & Coal Products	10,659	10,659	100.0 %
Rubber & Misc. Plastic Products	5,554	5,663	98.1 %
Stone, Clay, Glass & Concrete Products	425	425	100.0 %
Primary Metal Industries	118	1,003	11.8 %
Fabricated Metal Products (exc. mach.)	4,347	161,392	2.7 %
Machinery, Computer Eqpmnt (exc. elect.)	1,010	29,616	3.4 %
Electric & Electronic Equipment	881	45,190	1.9 %
Trans. Eqpmnt., Incl. Motor Vehicles	14,635	970,670	1.5 %
Instruments & Related Products	2,643	128,381	2.1 %
Misc. Manufacturing Industries	109	149	73.2 %
Transportation & Warehousing	2,445	2,987	81.9 %
Communication	6,898	9,381	73.5 %
Electric, Gas & Sanitary Service	1,111	26,161	4.2 %
Wholesale & Retail Trade (exc. eating)	1,137	6,628	17.2 %
Eating & Drinking Places	4,253	4,253	100.0 %
Finance & Insurance	0	0	
Real Estate & Rentals	O	0	
Personal Services	265	419	63.2 %
Business Services	23,292	107,318	21.7 %
Automotive Repairs & Services	113	176	64.2 %
Miscellaneous Services	87,737	296,164	29.6 %
All Industries	233,242	1,917,583	12.2 %

UTAH

	Small Business	Total	% Small Business
Agri. Serv., Forest., Fish., & Other	209		100.0 %
Mining	2,297	2,297	100.0 %
Construction	59,806	85,046	70.3 %
Food & Kindred Products	2,677	2,964	90.3 %
Textile Mill Products	308	308	100.0 %
Apparel & Other Textile Products	0	0	<u>}</u>
Lumber & Wood Products (exc. Furniture)	237	237	100.0 %
Furniture & Fixtures	484	660	73.3 %
Paper & Allied Products	0	0	
Printing & Publishing	114	114	100.0 %
Chemicals & Allied Products	1,055	1,584	66.6 %
Petroleum & Coal Products	13,055	105,911	12.3 %
Rubber & Misc. Plastic Products	115	162	71.0 %
Stone, Clay, Glass & Concrete Products	49	49	100.0 %
Primary Metal Industries	418	658	63.5 %
Fabricated Metal Products (exc. mach.)	1,404	10,350	13.6 %
Machinery, Computer Egpmnt (exc. elect.)	12,269	21,745	56.4 %
Electric & Electronic Equipment	4,920	19,182	25.6 %
Trans. Eqpmnt., Incl. Motor Vehicles	3,335	44,311	7.5 %
Instruments & Related Products	1,626	6,306	25.8 %
Misc. Manufacturing Industries	0	51	0.0 %
Transportation & Warehousing	19	3,351	0.6 %
Communication	190	650	29.2 %
Electric, Gas & Sanitary Service	4,910	21,913	22.4 %
Wholesale & Retail Trade (exc. eating)	2,784	4,469	62.3 %
Eating & Drinking Places	1,525	1,525	100.0 %
Finance & Insurance	o	0	
Real Estate & Rentals	o	o	
Personal Services	3,468	3,737	92.8 %
Business Services	10,164	27,910	
Automotive Repairs & Services	90	90	100.0 %
Miscellaneous Services	11,793	237,178	5.0 %
All Industries	139,321	602,967	23.1 %

NEVADA

	Small Business	Total	% Small Business
Agri. Serv., Forest., Fish., & Other	0	0	
Mining	l ő	Ĭ	
Construction	29,194	72,021	40.5 %
Food & Kindred Products	25,154	72,021 645	0.0 %
Textile Mill Products		043	0.0 %
Apparel & Other Textile Products	22	22	100.0 %
Lumber & Wood Products (exc. Furniture)	81	81	
Furniture & Fixtures		175	
Paper & Allied Products	l	1,3	0.0 %
Printing & Publishing		28	0.0 %
Chemicals & Allied Products	203	203	
Petroleum & Coal Products	203	203	100.0 %
Rubber & Misc. Plastic Products	274	274	100.0 %
	2/4	2/4	100.0 %
Stone, Clay, Glass & Concrete Products	42	42	100.0 %
Primary Metal Industries	10	34,643	
Fabricated Metal Products (exc. mach.)	551	759	72.6 %
Machinery, Computer Eqpmnt (exc. elect.)	13,925		•
Electric & Electronic Equipment	13,925	282	
Trans. Eqpmnt., Incl. Motor Vehicles Instruments & Related Products	1,827	1,827	100.0 %
	1,027	1,027	100.0 %
Misc. Manufacturing Industries	0	724	0.0 %
Transportation & Warehousing Communication	98	691	14.2 %
	94	10,957	0.9 %
Electric, Gas & Sanitary Service	656	2,606	25.2 %
Wholesale & Retail Trade (exc. eating)			
Eating & Drinking Places	3,112	3,112	100.0 70
Finance & Insurance	o o	٥	
Real Estate & Rentals	, i	0	
Personal Services	2 22	5 257	42 5 0/
Business Services	2,332	5,357	43.5 %
Automotive Repairs & Services	45 404	04 204	40.004
Miscellaneous Services	15,491	81,364	19.0 %
All Industries	68,068	230,276	29.6 %

WASHINGTON

	Small Business	Tota	% Small Business
Agri. Serv., Forest., Fish., & Other	1,725	2,309	74.7 %
Mining	1,634	1,634	100.0 %
Construction	132,014	187,109	70.6 %
Food & Kindred Products	6,372	10,644	59.9 %
Textile Mill Products	27	143	18.9 %
Apparel & Other Textile Products	417	2,214	18.8 %
Lumber & Wood Products (exc. Furniture)	1,608	1,608	100.0 %
Furniture & Fixtures	1,572	1,867	84.2 %
Paper & Allied Products	28	426	6.6 %
Printing & Publishing	0	2,282	0.0 %
Chemicals & Allied Products	425	1,016	41.8 %
Petroleum & Coal Products	7,449	233,929	3.2 %
Rubber & Misc. Plastic Products	791	948	83.4 %
Stone, Clay, Glass & Concrete Products	137	326	42.0 %
Primary Metal Industries	358	1,206	29.7 %
Fabricated Metal Products (exc. mach.)	11,800	12,645	93.3 %
Machinery, Computer Egpmnt (exc. elect.)	14,506	24,024	60.4 %
Electric & Electronic Equipment	9,670	67,693	14.3 %
Trans. Egpmnt., Incl. Motor Vehicles	17,928	980,309	1.8 %
Instruments & Related Products	6,640	35,745	18.6 %
Misc. Manufacturing Industries	466	497	93.8 %
Transportation & Warehousing	4,175	59,034	7.1 %
Communication	786	26,312	3.0 %
Electric, Gas & Sanitary Service	1,179	20,915	5.6 %
Wholesale & Retail Trade (exc. eating)	14,384	23,623	60.9 %
Eating & Drinking Places	11,442	11,442	100.0 %
Finance & Insurance	0	0	'
Real Estate & Rentals	0	0	
Personal Services	592	1,105	53.6 %
Business Services	20,328	31,227	65.1 %
Automotive Repairs & Services	O	oÌ	
Miscellaneous Services	35,242	449,622	7.8 %
All Industries	303,695	2,191,854	13.9 %

OREGON

	1		r
	Small Business	Total	% Small Business
Agri. Serv., Forest., Fish., & Other	232	II	1
Mining	594	594	100.0 %
Construction	10,957	48,157	22.8 %
Food & Kindred Products	3,822	3,847	99.4 %
Textile Mill Products	0	0	
Apparel & Other Textile Products	51	51	100.0 %
Lumber & Wood Products (exc. Furniture)	1,757	3,803	46.2 %
Furniture & Fixtures	0	. 0	
Paper & Allied Products	0	0	
Printing & Publishing	0	· 0	
Chemicals & Allied Products	0	100	0.0 %
Petroleum & Coal Products	0	0	
Rubber & Misc. Plastic Products	718	718	100.0 %
Stone, Clay, Glass & Concrete Products	8,532	8,577	99.5 %
Primary Metal Industries	43	1,338	3.2 %
Fabricated Metal Products (exc. mach.)	7.090	7,632	92.9 %
Machinery, Computer Eqpmnt (exc. elect.)	2,298		
Electric & Electronic Equipment	1,066	15,860	
Trans. Egpmnt., Incl. Motor Vehicles	9,124	34,604	26.4 %
Instruments & Related Products	10,497	28,844	36.4 %
Misc. Manufacturing Industries	830	830	100.0 %
Transportation & Warehousing	56	108	51.9 %
Communication	0	0	
Electric, Gas & Sanitary Service	45	237	19.0 %
Wholesale & Retail Trade (exc. eating)	1,675	2,141	78.2 %
Eating & Drinking Places	41	41	100.0 %
Finance & Insurance	o	o	
Real Estate & Rentals	O	o	
Personal Services	Ö	o	
Business Services	2,032	2,896	70.2 %
Automotive Repairs & Services	400	400	100.0 %
Miscellaneous Services	7,939	20,753	38.3 %
All Industries	69,799	204,232	34.2 %

CALIFORNIA

	Small Business	Total	% Small Business
Agri. Serv., Forest., Fish., & Other	9,520	14,781	64.4 %
Mining	0) 0	į
Construction	506,254	936,709	54.0 %
Food & Kindred Products	49,771	94,211	52.8 %
Textile Mill Products	132	2,206	6.0 %
Apparel & Other Textile Products	1,930	11,160	17.3 %
Lumber & Wood Products (exc. Furniture)	4,665	5,192	89.8 %
Furniture & Fixtures	4,508	10,455	43.1 %
Paper & Allied Products	124	152	81.6 %
Printing & Publishing	418	3,204	13.0 %
Chemicals & Allied Products	15,986	44,496	35.9 %
Petroleum & Coal Products	l o	305,716	0.0 %
Rubber & Misc. Plastic Products	15,877	21,043	75.5 %
Stone, Clay, Glass & Concrete Products	1,327	1,268	104.7 %
Primary Metal Industries	4,837	9,631	50.2 %
Fabricated Metal Products (exc. mach.)	86,184	632,750	13.6 %
Machinery, Computer Egpmnt (exc. elect.)	119,260	949,601	12.6 %
Electric & Electronic Equipment	184,282	1,357,544	13.6 %
Trans. Egpmnt., Incl. Motor Vehicles	447,965	11,243,717	4.0 %
Instruments & Related Products	105,082	1,133,994	9.3 %
Misc. Manufacturing Industries	5,201	34,738	15.0 %
Transportation & Warehousing	26,346	102,498	25.7 %
Communication	2,691	175,604	1.5 %
Electric, Gas & Sanitary Service	16,055	156,342	10.3 %
Wholesale & Retail Trade (exc. eating)	39,663	168,727	23.5 %
Eating & Drinking Places	34,862	36,440	95.7 %
Finance & Insurance	62	152,383	0.0 %
Real Estate & Rentals	29	29	100.0 %
Personal Services	2,236	3,491	64.1 %
Business Services	179,306	371,987	48.2 %
Automotive Repairs & Services	1,398	4,744	29.5 %
Miscellaneous Services	690,341	5,048,906	13.7 %
All Industries	2,556,312	23,033,719	11.1 %