# Data and Presentation Prepared for 

# The Powder River Coalbed Methane Information Council. 

7 June, 2002

Presenters<br>Mark Harris<br>Workforce Information Supervisor<br>307-473-3826

Tony Glover
Senior Analyst 307-473-3837

## Wyoming Department of Employment

 Research and Planninghttp://lmi.state.wy.us

# Employment and Wages, Oil and Gas Extraction by Region 1996 to 2001 

Brief Excerpt from the Technical Appendix of "The ES-202: Where are the Jobs? What do they Pay? 1999 Annual Covered Employment and Wages."

This annual publication of the Department of Employment summarizes employing units, employment, and wage data of employers subject to the Wyoming Employment Security Law, (Wyoming Statutes 27-3-101 through 27-3-704) and Federal civilian workers covered by the Unemployment Compensation for Federal Employees (UCFE) program. In 1999, 88 percent of total employment in Wyoming was covered by the Unemployment Insurance (UI) Law.

Data on UI covered Employing Units, Employment, and Wages are compiled from Employer's Quarterly Contributions Reports. These reports are supplemented by two reports, the Industry Verification Statement and the Multiple Worksite Report. Together, these three sources of data are referred to as the "ES-202" report. This volume includes statewide information for 1999 annual average employment, total payroll, and average annual wages by division, region, and county; 1999 summary data by quarter; 1999 detail statewide by major division, two- and three-digit Standard Industrial Classification (SIC) code; 1999 major industry; technical appendices; and short SIC codes and titles.

For a full documentation of the data used for this section refer to the following Internet link. http://Imi.state.wy.us/toc 202.htm

Description of Tables and Figures in this section
Table 1 and Figures 1 and 2 represent the average quarterly employment (jobs) and the average quarterly wage from 1996Q1 to 2001Q4 for Oil and Gas Extraction (SIC 13) by region.

Figure 1: Contrasting the employment by sub-state area during this time frame demonstrates the impact of the coalbed methane industry in the Northeast region.

- Figure 1 shows the employment levels for Oil and Gas over time. As can be seen, most regions experience some yearly cyclical changes in employment. Job levels in all regions are fairly stable from the first quarter
of 1996 to the first quarter of 1999. All regions experienced job growth with the exception of the Northwest.
- After the third quarter of 1999 the Northeast, in particular, shows fairly dramatic growth. From below 1,500 jobs to over 3,000 jobs by the third quarter of 2001. Basically, a doubling in employment in this time period. We assume that the bulk of this employment increase in Oil and Gas Extraction is related to growth in coal bed methane.

Table 1 and Figure 2 present Average Quarterly Wages for Oil and Gas Extraction by year, quarter, and region.

- As can be seen in the graph, average quarterly wages have increased over time for Oil and Gas extraction. However, average quarterly wages for the Northeast Region are generally lower than the other regions.
- The lower wages in the Northeast Region may be a by-product associated with the occupational composition of Oil and Gas Extraction. According to the United States Geological Survey (USGS) Fact Sheet of October, 2000.
- "In addition, much of the coal, and thus much of the methane, lies at shallow depths, making wells easy to drill and inexpensive to complete."
- Further, "Exploration costs for coal-bed methane are low, and the wells are cost effective to drill. Methane occurs in most coals, and the location of the Nation's coal resources is already well known."
- The first of these two factors "ease of drilling" requires a less experienced extraction labor force. The second however is more likely to influence the average wage within Oil and Gas Extraction as most occupations involved in exploration require post-secondary education. Thus, with fewer skilled jobs in exploration we anticipate lower wages.

Figure 3 shows the distribution of employment in Oil and Gas Extraction by region 1996 versus 2001. Figure 3 demonstrates the shift in employment of SIC 13 from predominance in the Central and Southwest regions in 1996 to the Northeast region in 2001.

Table 1: Average Quarterly Jobs and Wages for Oil and Gas Extraction (SIC 13) by Year, Quarter and Region


* The average quarterly wage for the Central Region in 2000 q 4 was $\$ 45,332$, this extreme outlier was removed from Table 1 and Figure 2.

Figure 1: Average Quarterly Jobs, Oil and Gas Extraction (SIC 13) by Year, Quarter and Region


Figure 2: Average Quarterly Wage, Oil and Gas Extraction (SIC 13) by Year, Quarter and Region


Table 2: Percent Distribution of Jobs in Oil and Gas Extraction 1996 versus 2001 by Region

|  | Multi-County | Central | Northeast | Northwest | Southeast |  | Southwest |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1996 | $11.3 \%$ | $26.6 \%$ | $15.9 \%$ | $16.0 \%$ | $0.7 \%$ | $29.4 \%$ |  |
| 2001 | $19.4 \%$ | $21.0 \%$ | $25.1 \%$ | $11.5 \%$ | $0.6 \%$ | $22.4 \%$ |  |

Tony Glover, Wyoming Department of Employment, Research and Planning. 6/13/2002

Figure 3: Percent Distribution Statewide of Jobs, Oil and Gas Extraction 1996 versus 2001 by Region


## Exit (Turnover) and Flow Rates, Oil and Gas Extraction by Region 1996 to 2001

Brief Excerpt from a working paper distributed at the Symposium on LMI Applications of Wage Records for Workforce Development, "Turnover Analyses; Definitions, Process, and Quantification."

Turnover is the general term used to describe the churning that occurs in the labor market. In more specific terms, turnover analysis assigns a category representing an individual's relationship with an employer at a time point (i.e. were they just hired or on their way out). While there are some variations in the collection of Wage Records (WR) from state to state, this database is particularly well suited for tracking individual-employer interactions across time. Knowing an individual received wages from an employer in a year and quarter has value, but only offers a snapshot of the individual's interactions with the employer. By combining several years of quarterly WR data to create a time series, it is possible to assign a value describing the individual-employer interaction relative to the quarters prior and subsequent.

For a full documentation of the data used for this section refer to the following Internet link. http://lmi.state.wy.us/staff/Turnover.pdf

Table 3 and Figures 4,5 and 6 apply the methodology described in the above citation to the Oil and Gas Extraction Industry by region.

Figures 4 and 5 show the exit rates (number of individuals leaving an employer in the quarter divided by all employment activity, see above documentation) by region in SIC 13 and display the expected seasonal patterns. The Multi-County and Southeast regions in general display the highest exit rates. However, referring to Table 1 the Southeast region has a low number of jobs in SIC 13 which inflates the turnover rate in comparison to the other regions. Further, the Multi-County region represents employers that operated establishments in more than one county but chose not to break out employment by county. For example, a drilling company based in Natrona County that does spot drilling in Campbell, but not enough to designate an individual unit to that county.

Figure 6 shows that although the exit rate (turnover) across regions fluctuates between 15 and 35 percent throughout analysis period, beginning in 1999Q1 a few regions (Northeast and Central) experience 6 consecutive quarters of positive flow rates. This means that there were more individuals entering (hires) than exiting employment.

Table 3: Exit and Flow Rate, Oil and Gas Extraction (SIC 13) by Year, Quarter and Region

|  |  |  | Central |  | Northeast |  | Northwest |  | Southeast |  | Southwest |  | Multi-County |  | Total |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| year |  | qtr | Exit Rate | Flow Rate | Exit Rate | Flow Rate | Exit Rate | Flow Rate | Exit Rate | Flow Rate | Exit Rate | Flow Rate | Exit Rate | Flow Rate | Exit Rate | Flow Rate |
|  | 1996 | 1 | 19.1\% | -3.7\% | 22.9\% | -3.5\% | 15.7\% | -3.3\% | 31.9\% | -6.2\% | 17.9\% | -5.0\% | 48.3\% | -10.8\% | 21.4\% | -4.6\% |
|  | 1996 | 2 | 16.4\% | 5.1\% | 24.9\% | 7.1\% | 19.1\% | 7.1\% | 47.9\% | -11.1\% | 19.7\% | 1.4\% | 28.5\% | 2.3\% | 20.6\% | 4.4\% |
|  | 1996 | 3 | 20.1\% | 6.3\% | 26.7\% | 1.5\% | 22.1\% | 4.8\% | 35.1\% | 9.9\% | 20.2\% | 0.6\% | 31.8\% | 15.3\% | 22.6\% | 4.4\% |
|  | 1996 | 4 | 26.8\% | -4.6\% | 29.3\% | 0.4\% | 28.9\% | -2.6\% | 33.6\% | 10.0\% | 33.7\% | -7.9\% | 49.7\% | -8.3\% | 31.3\% | -4.4\% |
|  | 1996 | 1 | 20.1\% | 0.0\% | 26.5\% | 2.9\% | 36.5\% | -15.8\% | 46.2\% | -13.2\% | 19.6\% | 3.7\% | 35.2\% | -5.9\% | 25.6\% | -2.1\% |
|  | 1997 | 2 | 18.9\% | 4.9\% | 22.5\% | 8.1\% | 22.9\% | 8.9\% | 41.3\% | 2.2\% | 25.4\% | -2.4\% | 34.8\% | 1.1\% | 23.2\% | 4.1\% |
|  | 1997 | 3 | 22.0\% | 6.8\% | 26.8\% | 2.2\% | 27.2\% | 19.4\% | 36.7\% | 11.9\% | 23.3\% | 11.1\% | 38.7\% | 17.8\% | 25.6\% | 10.6\% |
|  | 1997 | 4 | 27.7\% | -4.1\% | 35.0\% | -9.4\% | 26.7\% | -3.1\% | 39.3\% | 7.1\% | 20.7\% | 4.6\% | 36.7\% | 0.4\% | 27.7\% | -2.2\% |
|  | 1996 | 1 | 25.1\% | -2.7\% | 26.6\% | 0.9\% | 22.3\% | 3.8\% | 34.0\% | 5.8\% | 20.8\% | 0.9\% | 42.3\% | -14.6\% | 24.7\% | -0.4\% |
|  | 1998 | 2 | 21.6\% | 0.2\% | 23.2\% | 1.8\% | 20.0\% | -4.2\% | 36.3\% | -1.8\% | 16.6\% | 1.3\% | 37.9\% | -9.6\% | 21.1\% | -0.6\% |
|  | 1998 | 3 | 23.0\% | -0.7\% | 23.9\% | -0.8\% | 23.4\% | -3.9\% | 36.0\% | -1.0\% | 18.8\% | 2.7\% | 37.0\% | 8.5\% | 22.9\% | 0.1\% |
|  | 1998 | 4 | 29.4\% | -12.7\% | 35.5\% | -15.1\% | 27.6\% | -10.7\% | 50.5\% | -22.7\% | 26.0\% | -9.3\% | 51.8\% | -6.9\% | 30.8\% | -11.4\% |
|  | 1999 | 1 | 27.3\% | -12.7\% | 26.5\% | -2.6\% | 26.6\% | -11.6\% | 42.3\% | 10.3\% | 21.5\% | -2.8\% | 43.4\% | -10.7\% | 26.2\% | -7.2\% |
|  | 1999 | 2 | 17.5\% | 6.8\% | 20.8\% | 13.7\% | 17.1\% | 4.5\% | 28.9\% | 3.6\% | 19.5\% | -0.5\% | 21.5\% | 25.9\% | 19.0\% | 6.5\% |
|  | 1999 | 3 | 18.5\% | 12.9\% | 27.3\% | 9.9\% | 20.3\% | 13.0\% | 28.4\% | 11.6\% | 18.5\% | 6.6\% | 30.3\% | 16.5\% | 21.6\% | 10.8\% |
|  | 1999 | 4 | 25.1\% | 2.2\% | 30.2\% | 6.7\% | 25.0\% | 0.0\% | 46.8\% | 0.0\% | 20.4\% | 0.4\% | 38.0\% | -7.1\% | 26.1\% | 1.6\% |
|  | 2000 | 1 | 21.9\% | 1.9\% | 30.0\% | 2.3\% | 17.5\% | 1.4\% | 31.3\% | 8.3\% | 21.8\% | -1.1\% | 34.4\% | -9.4\% | 23.8\% | 0.5\% |
|  | 2000 | 2 | 19.1\% | 1.5\% | 25.0\% | 5.4\% | 16.7\% | 3.3\% | 40.0\% | 2.7\% | 16.5\% | 2.0\% | 22.1\% | 10.6\% | 19.8\% | 3.4\% |
|  | 2000 | 3 | 20.1\% | 6.2\% | 29.0\% | 4.9\% | 18.9\% | 2.5\% | 36.2\% | 8.6\% | 20.7\% | 7.6\% | 27.9\% | 10.6\% | 22.8\% | 6.0\% |
|  | 2000 | 4 | 27.1\% | -2.8\% | 32.9\% | -2.4\% | 23.8\% | 1.8\% | 37.8\% | 11.8\% | 30.8\% | -9.2\% | 41.8\% | -5.3\% | 30.0\% | -3.7\% |
|  | 2001 | 1 | 23.0\% | -0.4\% | 28.7\% | 2.6\% | 24.1\% | -2.5\% | 29.6\% | 30.0\% | 28.4\% | -3.8\% | 43.3\% | 18.3\% | 28.1\% | 1.7\% |
|  | 2001 | 2 | 20.7\% | 4.6\% | 26.3\% | 5.7\% | 22.7\% | 4.6\% | 30.7\% | 15.4\% | 21.7\% | 10.7\% | 40.2\% | 26.6\% | 25.8\% | 10.0\% |
|  | 2001 | 3 | 22.1\% | -6.0\% | 30.8\% | -9.4\% | 23.5\% | -6.1\% | 34.7\% | -17.1\% | 21.4\% | -5.1\% | 44.2\% | 22.0\% | 30.1\% | 1.0\% |

Figure 4: Exit Rate (Turnover), Oil and Gas Extraction (SIC 13) by Year, Quarter and Region


Figure 5: Difference Between Region and Statewide Exit Rate, Oil and Gas Extraction (SIC 13) by Year and Quarter


Figure 6: Flow Rate, Oil and Gas Extraction (SIC 13) by Year, Quarter and Region


## Typical Education / Experience Level of Jobs in Oil and Gas Extraction and All Industries

The data presented in this section are a combination of two resources. The first is the "The Matrix: Customized Industrial and Occupational Staffing Patterns \& Wages" available on our web site at http://lmi.state.wy.us/staffing/Staffing.htm. Staffing patterns allow us to determine the typical distribution of occupations within a two digit Industry. The second source is provided by the Bureau of Labor Statistics and gives the typical education and experience level of an occupation. A brief excerpt is provided below.
? Education or training categories. Occupations are classified into one of eleven categories listed below based on analysis of the occupation's most significant source of education or training according to these principles:

- An occupation is placed into the category that best describes the education or training needed by most workers to become fully qualified.
- Postsecondary awards, if generally needed for entry into the occupation, take precedence over work-related training even though additional skills or experience may be needed for a worker to become fully qualified.
- The length of time an average worker generally needs to become fully qualified through a combination of on-the-job training and experience is used to categorize occupations in which a postsecondary award generally is not needed for entry.


## Postsecondary awards

First professional degree. Completion of the degree usually requires at least 3 years of full-time academic study beyond a bachelor's degree.

Doctoral degree. Completion of a Ph.D. or other doctoral degree usually requires at least 3 years of full-time academic study beyond a bachelor's degree.

Master's degree. Completion of the degree usually requires 1 or 2 years of full-time academic study beyond a bachelor's degree.

Bachelor's or higher degree, plus work experience. Most occupations in this category are management occupations. All require experience in a related non-management position for which a bachelor's or higher degree
is usually required.
Associate degree. Completion of the degree usually requires at least 2 years of full-time academic study.

Postsecondary vocational award. Some programs last only a few weeks while others may last more that a year. Programs lead to a certificate or other award but not a degree.

## Work-related training

Work experience in a related occupation. Many occupations requiring work experience are first-line supervisors/managers of service, sales and related, production, or other occupations, or are management occupations.

Long-term on-the-job training. More than 12 months of on-the-job training or combined work experience and formal classroom instruction are needed for workers to develop the skills necessary to be fully qualified. This category includes formal and informal apprenticeships that may last up to 5 years. Long-term on-the-job training also includes intensive occupation-specific, employer-sponsored programs that workers must successfully complete. These include fire and police academies and schools for air traffic controllers and flight attendants. In other occupations-insurance sales and securities sales, for example-trainees take formal courses, often provided on the job site, to prepare for the required licensing exams. Individuals undergoing training generally are considered to be employed in the occupation. Also included in this category is the development of a natural ability-such as that possessed by musicians, athletes, actors, and other entertainers- that must be cultivated over several years, frequently in a nonwork setting.

Moderate-term on-the-job training. Skills needed to be fully qualified can be acquired during 1 to 12 months of combined on-the-job experience and informal training.

Short-term on-the-job training. Skills needed to be fully qualified can be acquired during a short demonstration of job duties or during 1 month or less of on-the-job experience or instruction.

For a full documentation of the data used for this section refer to the following Internet link. http://stats.bls.gov/asp/oep/noeted/empnumb.asp

Description of Tables and Figure
Table 4 and figure 5: The majority of the occupations within Oil and Gas Extraction require Moderate Term on-the-job training. Relatively few jobs (less than 10 percent) require any post-secondary education. However, a review of Table 4 demonstrates that those with Moderate Term OJT in Oil and Gas typically earn a higher average annual wage than those (with all industries included) with Postsecondary vocational / Associates Degree and are actually closer in earnings to those with Bachelor's degrees or above.

Table 5: Shows the top 5 occupations within the specified education level of Oil and Gas Extraction.

Table 4: Percent Distribution by Typical Education / Experience Level in Wyoming for All Industries versus Oil and Gas Extraction (SIC

| Typical Education / Experience Level | Percent of Employment | $\begin{gathered} \text { Average } \\ \text { Annual Wage } \\ \text { US } 1998 \\ \hline \end{gathered}$ | Average Annual Wage Wyoming 1998 |
| :---: | :---: | :---: | :---: |
| All Industries |  |  |  |
| Short-term on-the-job-training | 42.1\% | 18,435 | 16,870 |
| Moderate-term on-the-job training | 15.3\% | 27,449 | 24,763 |
| Long-term on-the-job training | 10.5\% | 29,368 | 29,235 |
| Work experience in a related occupation | 7.2\% | 35,725 | 32,617 |
| Postsecondary vocational / Associates Degree | 6.0\% | 34,324 | 28,547 |
| Bachelor's degree / Masters / PhD / Professional | 18.9\% | 48,194 | 39,387 |
| Oil and Gas Extraction (SIC 13) |  |  |  |
| Short-term on-the-job-training | 14.8\% | 22,068 | 24,722 |
| Moderate-term on-the-job training | 44.3\% | 30,230 | 32,775 |
| Long-term on-the-job training | 14.1\% | 34,048 | 36,347 |
| Work experience in a related occupation | 14.8\% | 40,446 | 40,474 |
| Postsecondary Vocational / Associates Degree | 2.4\% | 39,391 | 34,079 |
| Bachelor's degree / Masters / PhD / Professional | 9.5\% | 57,208 | 47,282 |

Figure 7: Percent Distribution in Wyoming by Typical Education / Experience Level All Industries versus Oil and Gas Extraction (SIC 13)


Table 5: Top 5 Occupations Employment within Typical Education / Experience Level in the Oil and Gas Extraction Industry

| Typical Education / Experience Level | Occupational Title | Percent of SIC 13 Employment | Average Annual Wage US 1998 | Average Annual Wage Wyoming 1998 |
| :---: | :---: | :---: | :---: | :---: |
| Short-term on-the-job-training | Roustabouts | 10.8\% | 21,630 | 26,200 |
|  | General Office Clerks | 1.8\% | 20,920 | 18,000 |
|  | Truck Drivers, Heavy Or Tractor-trailer | 0.9\% | 29,290 | 26,500 |
|  | Other Helpers, Laborers, And Material Movers, Hand | 0.5\% | 20,070 | 17,660 |
|  | Industrial Truck And Tractor Operators | 0.4\% | 25,130 | 29,330 |
| Moderate-term on-the-job training | All Other Extractive Workers, Except Helpers | 16.4\% | 31,310 | 34,210 |
|  | Rotary Drill Operators, Oil And Gas Extraction | 5.5\% | 36,560 | 50,150 |
|  | Service Unit Operators | 5.3\% | 24,840 | 24,650 |
|  | Wellhead Pumpers | 3.9\% | 32,880 | 32,830 |
|  | Secretaries, Except Legal And Medical | 1.3\% | 24,670 | 19,440 |
| Long-term on-thejob training | Gas Plant Operators | 6.1\% | 40,160 | 41,600 |
|  | Machinery Maintenance Mechanics | 1.8\% | 32,630 | 33,490 |
|  | All Other Precision Workers | 1.5\% | 25,570 | 24,060 |
|  | Welders And Cutters | 1.1\% | 27,420 | 31,280 |
|  | Maintenance Repairers, General Utility | 1.0\% | 25,200 | 25,980 |
| Work experience in a related occupation | First-line Supervisors And Managers/supervisors - Construction Trades And Extractive Workers | 8.1\% | 42,310 | 41,850 |
|  | First-line Supervisors And Managers/supervisors - Sales And Related Workers | 1.6\% | 35,990 | 28,300 |
|  | All Other First-line Supervisors And Managers/supervisors - Production, Construction, Maintenance, And Related Workers | 1.6\% | 39,010 | 48,980 |
|  | First-line Supervisors And Managers/supervisors - Clerical And Administrative Support Workers | 1.1\% | 33,990 | 27,960 |
|  | Mining, Quarrying, And Oil And Gas Well Drilling Managers | 0.9\% | 63,020 | 66,810 |
| Postsecondary vocational / Associates Degree | Petroleum Technicians And Technologists | 1.5\% | 41,860 | 36,720 |
|  | All Other Engineering And Related Technicians And Technologists | 0.2\% | 39,840 | 36,610 |
|  | Drafters | 0.2\% | 34,540 | 28,140 |
|  | Electrical And Electronic Engineering Technicians And Technologists | 0.2\% | 38,110 | 28,220 |
|  | All Other Health Professionals, Paraprofessionals, And Technicians | 0.2\% | 32,040 | 26,100 |
| Bachelor's degree /Masters / PhD / Professional | General Managers And Top Executives | 2.7\% | 62,570 | 45,600 |
|  | Petroleum Engineers | 1.8\% | 70,090 | 63,430 |
|  | All Other Management Support Workers | 1.0\% | 41,180 | 33,880 |
|  | Accountants And Auditors | 0.9\% | 41,880 | 35,810 |
|  | All Other Managers And Administrators | 0.7\% | 53,130 | 43,440 |

Data Prepared by
Wyoming Department of Employment
Research and Planning 6/5/2002
http://lmi.state.wy.us

## Future Research Pending Publication in Wyoming Labor Force Trends, Summer 2002

The methodology and data provided in this section are currently under development but will soon be published in "Wyoming's Labor Force Trends". The following Internet link points to a listing of Trends issues and contents.
http://Imi.state.wy.us/backiss.htm

Table 6 and Figures 8 and 9 take advantage of R\&P's interstate wage records agreements in an attempt to identify the source of the labor for an expanding Oil and Gas industry.

Table 6: Number and Average Quarterly Wage of Individuals Transitioning from 1999 to 2000 from Another Industry or State to Wyoming's Oil and Gas Extraction Industry by State of Origin

| State of Origin | Number | Percent | Average Quarterly Wage |
| :--- | ---: | ---: | ---: |
| CO | 242 | $4.7 \%$ | 7,291 |
| ID | 40 | $0.8 \%$ | 6,836 |
| NE | 38 | $0.7 \%$ | 5,941 |
| NM | 36 | $0.7 \%$ | 7,903 |
| SD | 106 | $2.1 \%$ | 7,090 |
| TX | 179 | $3.5 \%$ | 10,522 |
| UT | 189 | $3.7 \%$ | 7,609 |
| WY | 2,262 | $43.9 \%$ | 6,379 |
| Unknown | 2,057 | $39.9 \%$ | 6,005 |
| Total | 5,149 | $100.0 \%$ | 6,487 |

Figure 8: Individuals Transitioning from 1999 to 2000 from Another Industry or State to Wyoming's Oil and Gas Extraction Industry by State of Origin


Figure 9: Average Quarterly Wage in 2000 of Individuals Transitioning from 1999 to 2000 from Another Industry or State to Wyoming's Oil and Gas Extraction Industry by State of Origin


Data Prepared by
Wyoming Department of Employment
Research and Planning
6/5/2002
http://lmi.state.wy.us

## Addendum Information



| Industry | Sub－Industry | 199 | 199692 | 199693 | 199644 | 199791 | 199792 | 199793 1 | 199794 | 199891 | $19989^{2} 1$ | 1998931 | 199894 | 199991 | $19999^{2} 1$ | 199993 | 199944 | 200091 | 200092 | 200093 | $20009^{4}$ | 200191 | 200192 | 200193 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Agriculture，Forestry，Fishing |  | 17．9\％ | 27. | 37．7\％ | 38．4\％ | 18．6\％ | 28．1\％ | 37．4\％ | 39.9 | 17.8 | 28．8\％ | 35．8\％ | 42．8\％ | 22．4\％ | ．6\％ | 0\％ | 38．9\％ | 20．3\％ | 27. | 36．5\％ | 38．9\％ | 20．1\％ | 29．6\％ | 39．4\％ |
| 01 Agriculture，Forestry，Fishing Total |  | \％ | 27．7\％ | 37．7\％ | \％ | 18．6\％ | 1\％ | 37．4\％ | 39．9\％ | 17．8\％ | 28．8\％ | 35．8\％ | 42．8\％ | 2．4\％ | 28．6\％ | 38．0\％ | 38．9\％ | 20．3\％ | 27．4\％ | 36.5 | 38．9\％ | 20．1\％ | 29．6\％ | 39．4\％ |
| 02 Mining | 01 Metal Mining | \％ | 。 | 12．2\％ | 12．9\％ | 7．5\％ | 9．7\％ | 17．6\％ | 12．7\％ | 12．6\％ | \％ | 24．1\％ | \％ | 5\％ | 2\％ | 23．4\％ | 4．1\％ | 33．6\％ | 8．0\％ | 30．2\％ | 27．3\％ | 14．5\％ | 23．3\％ | 21．0\％ |
|  | 02 Coal Mining | 。 | 3．7\％ | 8．5\％ | 26．1\％ | 9．9\％ | 12．0\％ | 25．3\％ | 4．8\％ | 6．2\％ | 15．9\％ | 10．5\％ | 7．9\％ | 9．7\％ | 8．0\％ | 10．5\％ | 9．6\％ | 6．9\％ | 5．5\％ | 11．2\％ | 8．8\％ | 5．4\％ | 5．5\％ | 17．9\％ |
|  | 03 Oil \＆Gas Extraction | \％ | 20．6\％ | 22．5\％ | 31．3\％ | 25．6\％ | 23．2\％ | 25．6\％ | 27．7\％ | 24．7\％ | 21．2\％ | 23．0\％ | 30．7\％ | 26．2\％ | 19．1\％ | 21．6\％ | 26．0\％ | 23．8\％ | 19．8\％ | 22．8\％ | 30．0\％ | 28．1\％ | 25．8\％ | 30．1\％ |
|  | 04 Nonmetallic Minerals Mining | 。 | 6．4\％ | 12．8\％ | 5．5\％ | 4．1\％ | 5．1\％ | 10．0\％ | 12．9\％ | 6．8\％ | 6．4\％ | 9．2\％ | 20．9\％ | 6．6\％ | 30．2\％ | 9．8\％ | 9．1\％ | 5．8\％ | 10．4\％ | 11．2\％ | 8．8\％ | 5．8\％ | 6．3\％ | 11．2\％ |
| 02 Mining Total |  | 13．9\％ | \％ | 16．6\％ | 25．3\％ | 17．4\％ | 16．4\％ | 22．7\％ | 19．6\％ | 16．8\％ | 16．9\％ | 17．6\％ | 22．6\％ | 17．6\％ | 17．7\％ | 17．0\％ | 19．5\％ | 17．3\％ | 14．9\％ | 18．7\％ | 22．5\％ | 20．1\％ | 19．0\％ | 25．2\％ |
| 03 Construction | 01 General Building Contractors | \％ | 31．9\％ | 38．7\％ | 39．6\％ | 26．2\％ | 29．2\％ | 36．1\％ | 38．0\％ | 9．7\％ | 31.9 | 38．2\％ | 41.78 | 31．0\％ | 28．7\％ | 37．1\％ | 35．5 | 27．6\％ | 27．8\％ | 34．2\％ | 35．9\％ | 30．0\％ | 34．4\％ | 9．6\％ |
|  | 02 Heary Construction | \％ | \％ | ．0\％ | 5．0\％ | ．8\％ | 2．8\％ | 5．9\％ | 50．7\％ | 25．5\％ | 36．6\％ | 40．9\％ | 48.8 | 27.2 | 38.7 | 44．6\％ | 51.7 | 30．7\％ | 38．0\％ | 42.0 | 51．8\％ | 31．8\％ | 36．9\％ | \％ |
|  | 03 Special Trade Construction | ．7\％ | 30．6\％ | 5．4\％ | 5．9\％ | 26．5\％ | 32．8\％ | 35．6\％ | 40．1\％ | 28．4\％ | 32．5\％ | 35．4\％ | 41．0\％ | 28．9\％ | 33．8\％ | 36．9\％ | 38．5\％ | 26．3\％ | 32．3\％ | 34.0 | 34.8 | 28．2\％ | 36．8\％ | 40．2\％ |
| 03 Construction Total |  | \％ | \％ | 8\％ | 5\％ | 7\％ | 2．1\％ | 9．3\％ | 2．8\％ | 27．9\％ | 33．7\％ | 37．9\％ | 43．6\％ | 28．9\％ | 34．4\％ | 39．5\％ | 42．2\％ | 27．9\％ | 33．2\％ | 36．8\％ | 40．6\％ | 29．7\％ | 6．3\％ | 41．3\％ |
| 04 Manufacturing | 01 Manutacturing－Nondurable Goods | ds | 14．9\％ | 16．4\％ | 18.9 | 13．3\％ | 11．6\％ | 15.4 | 20．3\％ | 11．6\％ | 12．3\％ | 19．2\％ | 20.28 | 16.78 | 13.4 | 28．5\％ | 15．1\％ | 16．3\％ | $15.6 \%$ | 8.0 | 21．9\％ | 18．2\％ | 30．6\％ | 26．8\％ |
|  | 02 Manufacturing－Durable Goods | 15．0\％ | 17．3\％ | 22．4\％ | 17.8 | 15.1 | 17．6\％ | 21．0\％ | 20．9\％ | 16.4 | 17．6\％ | 21．3\％ | 21.0 | 15. | 19．5\％ | 20．7\％ | 21．7\％ | 19．3\％ | 19．8\％ | 23．6\％ | 24.6 | ．3\％ | ．5\％ | 28．7\％ |
| 04 Manufacturing Total |  | 4．4\％ | 16．0\％ | 19．1\％ | 18．5\％ | 14．1\％ | 14.2 | 17.8 | 0.6 | 13.7 | 14.6 | 20．2\％ | 20.5 | 16．3\％ | 16．1\％ | 25．3\％ | 18．2\％ | 17．7\％ | 17．4\％ | 20．5\％ | 23．1\％ | 1\％ | ．3\％ | 27．7\％ |
| 05 TCPU | 01 Transportatio | \％ | 19．4\％ | 22.8 | 24.3 | 20．8\％ | 18．5\％ | 22.1 | 23.9 | 19.2 | 21．3\％ | 23.2 | 27. | 22.3 | 20. | 23．7\％ | 24．8\％ | 20．5\％ | 19．8\％ | 20．7\％ | 23．8\％ | 25．0\％ | 26．9\％ | 31．8\％ |
|  | 02 Communications \＆Public Utilitie | \％ | \％ | 11.2 | 10．3\％ | 9.4 | 7.88 | 9．9\％ | 17.3 | 7．7\％ | 11. | 9．3\％ | 14.4 | 14．4\％ | 10.9 | 10．4\％ | \％ | 4\％ | 9\％ | 1\％ | 12．4\％ | 14．1\％ | 6\％ | \％ |
| 05 TCPU Total |  | 13．9\％ | 14．6\％ | 17．7\％ | 18．2\％ | 15．6\％ | 13．6\％ | 16．7\％ | 21．1\％ | 14．4\％ | 16．9\％ | 17．3\％ | 21．6\％ | 18．8\％ | 16．4\％ | 18．2\％ | 18．2\％ | 15．2\％ | 14．7\％ | 15．8\％ | 19．0\％ | 20．5\％ | 22．7\％ | \％ |
| 06 Wholesale Trade | 01 Wholesale－Durable Goods | 15．5\％ | 12．8\％ | 15．1\％ | 14．4\％ | 12．2\％ | 15．0\％ | 17．7\％ | 16．1\％ | 12．8\％ | 13．8\％ | 17．9\％ | 19．7\％ | 15．6\％ | 17．1\％ | 17．6\％ | 15．3\％ | 17．0\％ | 14．0\％ | 14．7\％ | 13．7\％ | 17．2\％ | 15．6\％ | \％ |
|  | 02 Wholesale－Nondurable Goods | 13．0\％ | 17．0\％ | 19．8\％ | 19．1\％ | 17．6\％ | 18．0\％ | 20．5\％ | 22．1\％ | 16．6\％ | 18．0\％ | 21．3\％ | 25．9\％ | 15．6\％ | 20．5\％ | 23．5\％ | 20．9\％ | 16．8\％ | 18．8\％ | 21．2\％ | 19．4\％ | 17．2\％ | 21．4\％ | 27．1\％ |
| 06 Wholesale Trade Total |  | 14．4\％ | 14．8\％ | 17．2\％ | 16．6\％ | 14．7\％ | 16．4\％ | 19．0\％ | 18．9\％ | 14．5\％ | 15．7\％ | 19．4\％ | 22．6\％ | 15．6\％ | 18．6\％ | 20．2\％ | 17．8\％ | 17．0\％ | 16．1\％ | 17．6\％ | 16．2\％ | 17．2\％ | 18．2\％ | \％ |
| 07 Retail Trade | 01 Building Materials \＆Garden Supp | 13．3\％ | 20．5\％ | 22．4\％ | 21．6\％ | 17．3\％ | 19．7\％ | 25．0\％ | 20．0\％ | 18．0\％ | 22．2\％ | 25．1\％ | 26．8\％ | 19．8\％ | 23．3\％ | 26．5\％ | 22．2\％ | 17．7\％ | 21．2\％ | 26．8\％ | 22．8\％ | 17．6\％ | 25．8\％ | \％ |
|  | 02 General Merchandise Stores | 18．0\％ | 20．0\％ | 28．9\％ | 27．2\％ | 16．9\％ | 18．1\％ | 28．5\％ | 35．0\％ | 17．6\％ | 22．7\％ | 43．0\％ | 24．4\％ | 18．5\％ | 35．1\％ | 36．5\％ | 24．2\％ | 20．6\％ | 17．5\％ | 28．3\％ | 27．1\％ | 20．3\％ | 20．1\％ | \％ |
|  | 03 Food Stores | 15．7\％ | 21．9\％ | 35．5\％ | 21．4\％ | 24．2\％ | 20．3\％ | 23．7\％ | 21．8\％ | 21．7\％ | 22．8\％ | 26．0\％ | 54．4\％ | 21．9\％ | 38．2\％ | 30．4\％ | 21．9\％ | 21．3\％ | 18．2\％ | 30．7\％ | 25．5\％ | 25．4\％ | 26．1\％ | \％ |
|  | 04 Auto Dealers \＆Service Stations | 18．9\％ | 22．8\％ | 31．7\％ | 22．9\％ | 19．7\％ | 23．3\％ | 27．6\％ | 24．0\％ | 19．2\％ | 24．0\％ | 29．6\％ | 32．6\％ | 25．0\％ | 25．6\％ | 29．3\％ | 28．5\％ | 25．2\％ | 25．0\％ | 30．6\％ | 27．6\％ | 27．2\％ | 28．7\％ | \％ |
|  | 05 Apparels \＆Accessory Stores | 26．2\％ | 24．6\％ | 36．8\％ | 29．3\％ | 26．8\％ | 30．6\％ | 40．2\％ | 29．2\％ | 32．4\％ | 32．2\％ | 34．0\％ | 30．1\％ | 27．5\％ | 25．4\％ | 36．3\％ | 52．0\％ | 31．1\％ | 26．6\％ | 34.1 | 32．2\％ | 27．0\％ | 27. | \％ |
|  | 06 Furriture \＆Home Furnishings | 21．3\％ | 24．0\％ | 25．0\％ | 24．9\％ | 21．9\％ | 26．5\％ | 28．1\％ | 23．6\％ | 21．7\％ | 24．5\％ | 25．1\％ | 26．1\％ | 28．0\％ | 28．1\％ | 24．7\％ | 23．5\％ | 25．1\％ | 24．5\％ | 23．5\％ | 27．7\％ | 23．9\％ | 29．9\％ | 33．0\％ |
|  | 07 Eating \＆Drinking Places | 29．6\％ | ．8\％ | 41．8\％ | 35．7\％ | 27．8\％ | 32．8\％ | 42．3\％ | 36．3\％ | 28．9\％ | 33．4\％ | 42．9\％ | 39．4\％ | 32．2\％ | 34．2\％ | 42．4\％ | 37．2\％ | 31.9 | 34．6\％ | 42．8\％ | 37.6 | 33．4\％ | 39．7\％ | 50．3\％ |
|  | 08 Miscellaneous Retail | 23．2\％ | 23．3\％ | ．9\％ | 26．6\％ | 20．9\％ | 24．1\％ | 28．6\％ | 26．3\％ | 24．2\％ | 26．1\％ | 30．6\％ | 31．0\％ | 24.78 | 26.28 | 29.88 | 26.4 | 22.8 | 25.4 | 27.8 | 26.8 | 23. | 27. | 34．8\％ |
| 07 Retail Trade Total |  |  | 26．5\％ | 35．5\％ | 29．1\％ | 23．5\％ | 6．6\％ | 3．8\％ | 3．0\％ | 2．1\％ | 7．9\％ | 5.9 | 36．6\％ | 26.7 | 31.4 | 35．5 | 30.9 | 26.4 | 27. | 34.7 | 30.9 | 27. | 31.5 | \％ |
| 08 FIRE | 01 Fi | \％ | 9．7\％ | 13．3\％ | 12．3\％ | 10．2\％ | 10．5\％ | 13．1\％ | 12．0\％ | 11．0\％ | 1.5 | 4.4 | 14.98 | 15.18 | 14.0 | 13.2 | 12．6\％ | 13．4\％ | 12．2\％ | 18．8\％ | 17. | 13．5\％ | 15．0\％ | 18．8\％ |
|  | 02 Insurance | 9．5\％ | 9．7\％ | 12．6\％ | 13．9\％ | 10．3\％ | 11．3\％ | 11．6\％ | 13．2\％ | 9．6\％ | 11．6\％ | 14．0\％ | 14.1 | 12．3\％ | 13．1\％ | 14.1 | 15．3\％ | 8．3\％ | 12．5\％ | 14.8 | 13．2\％ | 11.6 | 15．5\％ | 16．5\％ |
|  | 03 Real Estate | 19．6\％ | 21．5\％ | 27．9\％ | 25．9\％ | 19．1\％ | 24．2\％ | 31．1\％ | 26．6\％ | 21．9\％ | 22．9\％ | 32．7\％ | 31．9\％ | 24．9\％ | 23．4\％ | 28．6\％ | 26．3\％ | 19．2\％ | 23．2\％ | 25．3\％ | 24．8\％ | 20．4\％ | 26．0\％ | 30．6\％ |
| 08 FIRE To |  | 12．1\％ | 12．6\％ | 16．7\％ | 15．9\％ | 12．2\％ | 14．1\％ | 17．1\％ | 15．6\％ | 13．0\％ | 14．3\％ | 18．8\％ | 18．6\％ | 16．6\％ | 16．1\％ | 17．2\％ | 16．4\％ | 13．5\％ | 14．9\％ | 19．4\％ | 17．9\％ | 14．6\％ | 17．7\％ | 21．1\％ |
| 09 Services | 01 Hotels \＆Other Lodging Places | 25．5\％ | 26．7\％ | 48．3\％ | 46．9\％ | 29．1\％ | 23．6\％ | 48．6\％ | 47．6\％ | 27．2\％ | 27．1\％ | 50．0\％ | 47．0\％ | 27．4\％ | 26．2\％ | 49．1\％ | 46．0\％ | 31．4\％ | 27．1\％ | 49．2\％ | 47．8\％ | 29．6\％ | 30．0\％ | 52．4\％ |
|  | 02 Personal Services | 21．8\％ | 25．5\％ | 25．5\％ | 27．2\％ | 20．5\％ | 27．8\％ | 24．8\％ | 28．0\％ | 20．9\％ | 28．3\％ | 25．4\％ | 27．4\％ | 25．9\％ | 29．7\％ | 27．9\％ | 26．6\％ | 22．3\％ | 30．8\％ | 28．9\％ | 26．3\％ | 25．0\％ | 35．2\％ | 36．3\％ |
|  | 03 Business Servic | 33．8\％ | 37．7\％ | 47．1\％ | 48．2\％ | 32．0\％ | 36．1\％ | 45．1\％ | 43．3\％ | 37．1\％ | 37．2\％ | 45．9\％ | 47．4\％ | 33．6\％ | 42．9\％ | 43．3\％ | 42．1\％ | 34.5 | 38．7\％ | 43．4\％ | 41. | 36．1\％ | 44．1\％ | 43．4\％ |
|  | 04 Auto Repair，Services \＆Parking | 21．4\％ | \％ | ．7\％ | 24．2\％ | 20．9\％ | 21．5\％ | 23．9\％ | 24．4\％ | 22．7\％ | 25．0\％ | 25．9\％ | 29.5 | 26.4 | 26. | 28．3\％ | 25.0 | 21.8 | 26.2 | 25．6\％ | 23. | 25. | 31. | 29．0\％ |
|  | 05 Miscellaneous Repair Service | 19．2\％ | 8．5\％ | 8\％ | 21．0\％ | 18．7\％ | 18．8\％ | 22．0\％ | 21．6\％ | 20．3\％ | 22．1\％ | 23．3\％ | 25．9\％ | 18．3\％ | 23．9 | 21.2 | 25.8 | 20.4 | 21.5 | 23.1 | 27.0 | 23. | 24．0\％ | 35．5\％ |
|  | 06 Motion Pictures | 21．9\％ | 24．6\％ | 34．9\％ | 21．8\％ | 23．1\％ | 23.8 | 34.9 | 22.5 | 25.0 | 25．6\％ | 34．5\％ | 28. | 29.0 | 29. | 36．3\％ | 31.0 | 21．0\％ | $26.6 \%$ | $33.0 \%$ | 23.2 | 24．6\％ | 34．3\％ | 37．0\％ |
|  | 07 Amusement \＆Recreation Service | 22．9\％ | 41．5\％ | 5．8\％ | ．0\％ | 26．1\％ | 34.4 | 48．4\％ | 37．1\％ | 27.18 | 36．2\％ | 48.0 | 40．9\％ | 26.3 | 35．0\％ | 47.7 | 36．2\％ | 25．0\％ | 38．0\％ | 45．6\％ | 37．6\％ | 24．9\％ | 41．9\％ | 53. |
|  | 08 Health Services | 14．7\％ | 17．0\％ | 16．7\％ | 16．7\％ | 13．0\％ | 14．5\％ | 17．1\％ | 15.4 | 14.8 | 19.5 | 19．3\％ | 20．7\％ | 16．8\％ | 20．3\％ | 19．6\％ | 17．7\％ | 18．7\％ | $15.7 \%$ | 18．6\％ | 18．5\％ | 18．3\％ | 25．4\％ | 23.88 |
|  | 09 Legal Services | 14．6\％ | 15．6\％ | 16．9\％ | 16．7\％ | 2．6\％ | 16．2\％ | 16．5\％ | 15．8\％ | 13．2\％ | 14．9\％ | 16．7\％ | 20．2\％ | 15．8\％ | 15．4\％ | 18．0\％ | 17．0\％ | 14．4\％ | 14．5\％ | 19．5\％ | 20．1\％ | 16．9\％ | 19．0\％ | 21．5\％ |
|  | 10 Educational Services | 17．4\％ | 18．8\％ | 37．7\％ | 21．3\％ | 15．8\％ | 21．7\％ | 37．3\％ | 22．7\％ | 19．1\％ | 23．3\％ | 34．9\％ | 34．3\％ | 25．1\％ | 23．2\％ | 46．1\％ | 22．7\％ | 24．2\％ | 25．3\％ | 33．5\％ | 32．8\％ | 22．9\％ | 33．7\％ | 35.1 |
|  | 11 Social Services | 15．7\％ | 20．4\％ | 24．4\％ | 21．5\％ | 16．0\％ | 21．7\％ | 24．3\％ | 18．1\％ | 15．7\％ | 22．7\％ | 22．6\％ | 21．9\％ | 21．9\％ | 22．1\％ | 25．1\％ | 19．8\％ | 22．0\％ | 23．7\％ | 23．1\％ | 21．8\％ | 23．5\％ | 28．1\％ | 31．0\％ |
|  | 12 Museums \＆Botanical Gardens | 10．4\％ | 17．2\％ | 38．6\％ | 26．8\％ | 11．7\％ | 53．8\％ | 37．7\％ | 34．3\％ | 21．7\％ | 9．8\％ | 34．8\％ | 30．2\％ | 13．1\％ | 15．5\％ | 35．7\％ | 25．0\％ | 13．1\％ | 11．0\％ | 37．5\％ | 26．0\％ | 11．4\％ | 13．6\％ | 36.7 |
|  | ${ }_{13}$ Membership Orginizations | 20．0\％ | 22．9\％ | 37．1\％ | 24.1 | 24.3 | 24．7\％ | 33．4\％ | 24．6\％ | 18．7\％ | 22．9\％ | 35．4\％ | 24．6\％ | 23．0\％ | 23．3\％ | 34．2\％ | 22．0\％ | 20．9\％ | 27．3\％ | 32．2\％ | 25．3\％ | 28．0\％ | 27．8\％ | 41.7 |
|  | 14 Engineering \＆Management Serv | 15．3\％ | 20．1\％ | 21．2\％ | 22．5\％ | 15．6\％ | 19．9\％ | 20.14 | 21．9\％ | 16．2\％ | 21．3\％ | 21．6\％ | 24．4\％ | 19．0\％ | 30．0\％ | 25．3\％ | 25．3\％ | 19．7\％ | 25．5\％ | 23．5\％ | 22.8 | 18.3 | 27.1 | 30．8\％ |
|  | 15 Private Households | 18．5\％ | 17．9\％ | 27．6\％ | 28．3\％ | 15．7\％ | 19．6\％ | 27．4\％ | 29．4\％ | 18．5\％ | 20．0\％ | 30．0\％ | 26．2\％ | 24．2\％ | 20．5\％ | 28．6\％ | 28．0\％ | 21．7\％ | 22．4\％ | 25．4\％ | 31．8\％ | 17．7\％ | 26．9\％ | 33.6 |
|  | 16 Services，NEC | 11．4\％ | 21．1\％ | 16．4\％ | 30．6\％ | 17．1\％ | 15．3\％ | 16．2\％ | 29．1\％ | 24．8\％ | 16．1\％ | 17．5\％ | 23．6\％ | 29．8\％ | 11．5\％ | 9．5\％ | 22．0\％ | 19．7\％ | 21．7\％ | 16．7\％ | 20．2\％ | 29．5\％ | 20．5\％ | 39.7 |
| 09 Services Total |  | 20．8\％ | 25．6\％ | 35．1\％ | 31．2\％ | 21．0\％ | 23．9\％ | 34．3\％ | 29．9\％ | 22．3\％ | 26．3\％ | 35．4\％ | 33．2\％ | 24．2\％ | 28．2\％ | 35．4\％ | 30．5\％ | 24．7\％ | 27．1\％ | 34．4\％ | 31．3\％ | 25．4\％ | 32.08 | 38.6 |
| 10 Government | 03 S＿Gov＿Public Administration | 4．8\％ | 7．5\％ | 7．3\％ | 6．1\％ | 3．8\％ | 5．7\％ | 7．3\％ | 5．6\％ | 4．7\％ | 6．8\％ | 8．1\％ | 6．0\％ | 7．3\％ | 6．0\％ | 6．2\％ | 6．1\％ | 6．2\％ | 5．7\％ | 8．7\％ | 5．9\％ | $5.6 \%$ | 5．8\％ | 7.8 |
|  | 04 S＿Gov＿Other | 4．3\％ | 9．2\％ | 14．9\％ | 5．4\％ | 7．1\％ | 9．4\％ | 15．7\％ | 10．2\％ | 5．4\％ | 9．2\％ | 17．0\％ | 7．3\％ | 8．2\％ | 8．7\％ | 19．7\％ | 6．9\％ | 7．6\％ | 10．2\％ | 18．0\％ | 8．0\％ | 8．7\％ | 12．0\％ | 21.2 |
|  | 05 L＿Gov＿Public Administration | 11．2\％ | 12．1\％ | 25．7\％ | 20．3\％ | 9．5\％ | 11．5\％ | 25．6\％ | 12．9\％ | 11．4\％ | 13．4\％ | 28．5\％ | 17．8\％ | 12．0\％ | 13．0\％ | 27．4\％ | 13．6\％ | 15．1\％ | 14．0\％ | 31．2\％ | 13．0\％ | 16.6 | $15.0 \%$ | 29．9\％ |
|  | 06 L＿Gov＿Other | 9．3\％ | 19．7\％ | 9．9\％ | 11．3\％ | 8．3\％ | 18．2\％ | 11．2\％ | 10．1\％ | 9．3\％ | 21．0\％ | 12．7\％ | 13．2\％ | 10．1\％ | 26．0\％ | 11．8\％ | 10．0\％ | 11．0\％ | 21．0\％ | 12．0\％ | 10．3\％ | 20.38 | 20．1\％ | 25.5 |
| 10 Government Total |  | 8．5\％ | 15．5\％ | 13．9\％ | 11．8\％ | 7．8\％ | 14．3\％ | 14．4\％ | 10．1\％ | 8．7\％ | 16．4\％ | 16．2\％ | 12．5\％ | 9．9\％ | 19．2\％ | 15．6\％ | 9．9\％ | 10．8\％ | 16．6\％ | 16．5\％ | 10．0\％ | 16．4\％ | 15．9\％ | 23.3 |
| $12 \mathrm{~N} / \mathrm{A}$ |  | 33．1\％ | 23．3\％ | 29．6\％ | 49．9\％ | 31．7\％ | 23．0\％ | 30．8\％ | 58．6\％ | 34．7\％ | 21．5\％ | 30．3\％ | 52．8\％ | 18．4\％ | 36．3\％ | 22．4\％ | 53．6\％ | 17．4\％ | 27．5\％ | 34．2\％ | 55．5\％ | 49．1\％ | 30．5\％ | 61.6 |
| 12 N A Total |  | 33．1\％ | 23．3\％ | 29．6\％ | 49．9\％ | 31．7\％ | 23．0\％ | 30．8\％ | 58．6\％ | 34．7\％ | 21．5\％ | 30．3\％ | 52．8\％ | 18．4\％ | 36．3\％ | 22．4\％ | 53．6\％ | 17．4\％ | 27．5\％ | 34．2\％ | 55.5 | 49.1 | 30．5\％ | 61.6 |
| Grand Total |  | 17. | 21．6\％ | 27．3\％ | 25．2\％ | 17．5\％ | 21.3 | 27 | 24.7 | 18．2\％ | 22．9\％ | 28．2\％ | 28．1\％ | ．．2\％ | 5．2\％ | 28．7\％ | 5．0\％ | 20．4\％ | 23．1\％ | 27．9\％ | 25．6\％ | 22．7\％ | 26．8\％ | 33．5\％ |


| Industry | Sub-Industry 19 | 199691 | 199692 | 199693 | 1996a4 | 199791 | 199792 | 199793 | 19974 4 | 199891 | 199892 | 199893 | 19984 | 199991 | 199992 | 199993 | 1999a4 | 2000a1 | 200092 | 200093 | 200094 | 200191 | 200192 | 0193 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 01 Agriculture, Forestry, Fishing |  | 7.4\% | 21.1\% | -10.7\% | -13.6\% | 5.3\% | 19.6\% | -11.0\% | -15.1\% | 4.7\% | 20.3\% | -8.7\% | -19.8\% | 4.9\% | 21.6\% | -6.9\% | -13.8\% | 6.3\% | 17.7\% | -8.2\% | -15.5\% | 5.7\% | 15.9\% | 8.9\% |
| 01 Agriculture, Forestry, Fishing |  | 7.4\% | 21.1\% | -10.7\% | -13.6\% | 5.3\% | 19.6\% | -11.0\% | -15.1\% | 4.7\% | 20.3\% | -8.7\% | -19.8\% | 4.9\% | 21.6\% | -6.9\% | -13.8\% | 6.3\% | 17.7\% | -8.2\% | -15.5\% | 5.7\% | 15.9\% | -8.9\% |
| 02 Mining | 01 Metal Mining | -1.8\% | 4.2\% | 1.4\% | -3.3\% | 1.5\% | 10.2\% | -3.8\% | -0.7\% | 1.4\% | 6.5\% | -7.0\% | -7.3\% | -4.3\% | 7.3\% | 1.4\% | -1.1\% | -15.5\% | 3.5\% | -2.4\% | -15.4\% | 1.4\% | -1.6\% | -2.0\% |
|  | 02 Coal Mining | 0.3\% | 6.2\% | -5.6\% | -23.0\% | -1.7\% | 17.9\% | -11.7\% | 6.6\% | 9.0\% | 2.9\% | -4.3\% | -0.2\% | 0.5\% | 4.3\% | 0.0\% | 2.0\% | 0.0\% | 3.5\% | -5.5\% | -3.0\% | 1.1\% | 7.9\% | -9.2 |
|  | 03 Oil \& Gas Extraction | -4.6\% | 4.5\% | 4.5\% | -4.4\% | -2.2\% | 4.2\% | 10.7\% | -2.2\% | -0.5\% | -0.8\% | 0.0\% | -11.4\% | -7.3\% | 6.4\% | 10.7\% | 1.6\% | 0.5\% | 3.4\% | 6.0\% | -3.7\% | 1.7\% | 10.0\% | 1.0\% |
|  | 04 Nonmetallic Minerals Mining | -1.2\% | 3.4\% | -1.7\% | 0.1\% | 4.7\% | 5.5\% | -0.7\% | 2.0\% | -2.1\% | 1.4\% | -2.8\% | -16.5\% | 14.7\% | -17.1\% | -2.4\% | -3.9\% | 1.9\% | 4.2\% | -4.3\% | -3.5\% | 0.2\% | 5.0\% | -3.9\% |
| 02 Mining Total |  | -2.5\% | 4.8\% | 0.6\% | -8.5\% | -0.7\% | 8.4\% | 2.7\% | 0.5\% | 1.6\% | 0.9\% | -1.9\% | -9.2\% | -1.1\% | 1.4\% | 5.7\% | 1.0\% | 0.0\% | 3.5\% | 1.6\% | -3.8\% | 1.4\% | 8.8\% | -1.8\% |
| 03 Construction | 01 General Building Contractors | -2.8\% | 10.0\% | 2.0\% | 8.7\% | 0.4\% | 14.8\% | 2.1\% | 5.7\% | -3.8\% | 11.5\% | -2.0\% | -10.9\% | -0.9\% | 16.0\% | 1.7\% | -6.2\% | 0.7\% | 8.8\% | -2.0\% | -6.6\% | -3.3\% | 7.9\% | -2.79 |
|  | 02 Heavy Construction | -1.1\% | 23.6\% | 11.4\% | -30.2\% | 6.9\% | 20.3\% | 0.5\% | -23.1\% | 1.6\% | 18.3\% | 0.4\% | -18.2\% | 7.3\% | 14.8\% | -4.2\% | -12.2\% | 4.7\% | 12.6\% | 1.8\% | -21.9\% | 1.9\% | 15.3\% | 0.6\% |
|  | 03 Special Trade Construction | -1.8\% | 11.9\% | -1.0\% | -8.4\% | 2.6\% | 11.5\% | 0.4\% | -10.0\% | -0.8\% | 12.1\% | -1.2\% | -11.1\% | 0.3\% | 12.5\% | -0.5\% | -7.0\% | 3.0\% | 7.0\% | -1.5\% | 8.1\% | -0.7\% | 7.4\% | -2.7\% |
| 03 Construction Total |  | -1.9\% | 15.1\% | 3.3\% | -16.2\% | 3.3\% | 15.0\% | 0.8\% | -12.9\% | -0.9\% | 13.9\% | -0.8\% | -13.3\% | 2.1\% | 14.0\% | -1.2\% | 8.5\% | 2.9\% | 9.2\% | -0.5\% | -12.3\% | -0.5\% | 10.0\% | -1.6\% |
| 04 Manufacturing | 01 Manutacturing - Nondurable Goods | -5.8\% | 2.1\% | 0.4\% | -3.4\% | 1.2\% | 4.8\% | 1.0\% | -5.5\% | -2.6\% | 5.7\% | -3.7\% | -2.7\% | -2.3\% | 5.6\% | -5.0\% | -0.3\% | -5.0\% | 14.1\% | -1.9\% | -3.7\% | -6.5\% | -9.3\% | -7.4 |
|  | 02 Manufacturing - Durable Goods | 2.1\% | 4.2\% | -1.7\% | -2.8\% | -0.7\% | 3.1\% | 0.0\% | -3.9\% | -0.9\% | 7.4\% | -0.7\% | -4.1\% | 0.1\% | 2.7\% | 1.6\% | -1.6\% | -0.8\% | 3.2\% | -1.2\% | -4.9\% | -2.5\% | 1.6\% | -4.0\% |
| 04 Manutacturing Total |  | 2.4\% | 3.0\% | -0.6\% | -3.1\% | 0.4\% | 4.1\% | 0.6\% | -4.8\% | -1.9\% | 6.4\% | -2.4\% | -3.3\% | -1.3\% | 4.3\% | -2.2\% | -0.9\% | -3.1\% | 9.4\% | -1.6\% | -4.2\% | -4.7\% | -4.4\% | -5.7\% |
| 05 TCPU | 01 Transportation | 0.0\% | 5.4\% | -0.5\% | -2.7\% | -2.5\% | 5.2\% | 1.2\% | 0.4\% | -1.3\% | 3.4\% | -0.9\% | -3.4\% | -2.9\% | 7.5\% | 0.3\% | -0.9\% | -0.4\% | 3.6\% | 1.7\% | -1.0\% | -4.7\% | 1.1\% | -3.9\% |
|  | 02 Communications \& Public Utilitie | -1.6\% | 0.5\% | -0.3\% | -2.4\% | 2.1\% | 1.7\% | -2.0\% | -9.6\% | 1.1\% | 6.4\% | 0.2\% | -3.8\% | -3.5\% | 2.7\% | 2.0\% | 4.1\% | -0.6\% | 2.1\% | -0.7\% | -3.2\% | -5.8\% | -3.7\% | -5.8\% |
| 05 TCPU Total |  | -0.7\% | 3.2\% | -0.4\% | -2.6\% | -0.4\% | 3.6\% | -0.2\% | -3.9\% | -0.3\% | 4.7\% | -0.4\% | -3.6\% | -3.2\% | 5.5\% | 1.0\% | 1.2\% | -0.5\% | 3.0\% | 0.7\% | -1.9\% | -5.2\% | -0.9\% | -4.6\% |
| 06 Wholesale Trade | 01 Wholesale - Durable Goods | -1.4\% | 4.3\% | 2.0\% | -2.3\% | 1.9\% | 3.1\% | 0.3\% | -1.3\% | 2.1\% | 2.6\% | -3.3\% | -6.0\% | 0.8\% | 2.4\% | 2.5\% | 1.7\% | 3.3\% | 0.6\% | 1.0\% | -1.2\% | -2.5\% | 4.2\% | -0.4\% |
|  | 02 Wholesale - Nondurable Goods | 2.4\% | 2.6\% | -1.9\% | 1.7\% | 1.0\% | 2.3\% | -0.4\% | -2.4\% | -0.2\% | 4.3\% | -1.2\% | -6.4\% | 1.9\% | 4.8\% | -2.8\% | -1.0\% | 2.0\% | 0.3\% | -0.5\% | -1.6\% | 1.1\% | 0.3\% | -5.1\% |
| 06 Wholesale Trade Total |  | 0.3\% | 3.5\% | 0.2\% | -0.4\% | 1.5\% | 2.8\% | 0.0\% | -1.8\% | 1.1\% | 3.4\% | -2.3\% | -6.2\% | 1.3\% | 3.5\% | 0.1\% | 0.5\% | 2.8\% | 0.5\% | 0.3\% | -1.4\% | -1.0\% | 2.5\% | -2.3\% |
| 07 Retail Trade | 01 Building Materials \& Garden Supp | 1.8\% | 9.6\% | -1.6\% | -6.2\% | -1.5\% | 9.0\% | -2.7\% | -4.1\% | 0.4\% | 9.3\% | 2.6\% | -5.0\% | 1.0\% | 6.3\% | -0.8\% | -4.5\% | 1.8\% | 6.0\% | -5.6\% | -8.3\% | 9.9\% | 4.3\% | -5.1\% |
|  | 02 General Merchandise Stores | -10.7\% | 9.1\% | -4.8\% | -3.1\% | -4.8\% | 13.5\% | -4.1\% | -10.3\% | -8.4\% | 19.5\% | -18.8\% | 1.1\% | 15.4\% | -8.2\% | -7.5\% | 14.6\% | 0.1\% | 12.0\% | 2.9\% | -3.6\% | -4.3\% | 13.6\% | -6.8\% |
|  | 03 Food Stores | -1.9\% | 3.2\% | -9.8\% | -0.7\% | -4.4\% | 14.5\% | 3.5\% | 2.9\% | -6.3\% | 3.1\% | 3.5\% | -25.6\% | -0.2\% | 4.8\% | 14.5\% | 8.1\% | 1.4\% | 7.7\% | -7.9\% | -1.4\% | -7.8\% | 0.9\% | -1.7\% |
|  | 04 Auto Dealers \& Service Stations | 0.7\% | 5.9\% | -5.3\% | -3.4\% | 3.4\% | 4.4\% | -1.3\% | -2.0\% | 1.3\% | 3.9\% | -2.9\% | -9.9\% | -0.3\% | 11.6\% | 1.2\% | -4.7\% | -2.1\% | 7.6\% | -1.3\% | -2.9\% | -1.7\% | 2.2\% | -8.8\% |
|  | 05 Apparels \& Accessory Stores | -9.5\% | 10.0\% | -4.8\% | 0.3\% | -7.8\% | 3.2\% | -4.3\% | 4.6\% | -7.6\% | 9.5\% | -0.4\% | -0.8\% | -8.4\% | 8.2\% | -3.9\% | 9.0\% | -8.3\% | 19.9\% | 1.0\% | -1.6\% | -4.6\% | 4.6\% | -3.8\% |
|  | 06 Furniture \& Home Furnishings | 0.7\% | 3.4\% | 0.2\% | 0.4\% | -1.4\% | 0.9\% | -0.7\% | 2.3\% | -0.9\% | 0.8\% | 0.3\% | 0.5\% | -3.4\% | 2.5\% | 3.7\% | 1.9\% | -2.9\% | 0.9\% | 4.8\% | -2.9\% | -1.6\% | -1.9\% | -2.0 |
|  | 07 Eating \& Drinking Places | 0.3\% | 9.2\% | -1.8\% | -4.7\% | 0.7\% | 7.3\% | -5.6\% | -4.8\% | -0.2\% | 8.0\% | -4.3\% | -8.1\% | 0.9\% | 11.0\% | -2.5\% | 4.1\% | 0.5\% | 8.6\% | -4.5\% | -5.4\% | -0.2\% | 4.0\% | -7.5 |
|  | 08 Miscellaneous Retail | -1.2\% | 7.7\% | -3.8\% | -0.7\% | 0.5\% | 5.0\% | -3.4\% | 1.1\% | -3.6\% | 5.6\% | -2.3\% | -5.1\% | -2.7\% | 8.2\% | 2.3\% | 2.1\% | 0.4\% | 4.6\% | -1.1\% | 0.6\% | -2.1\% | 3.0\% | -7.3\% |
| 07 Retail Trade Total |  | -1.5\% | 7.7\% | -3.8\% | -3.2\% | -0.4\% | 7.8\% | -3.2\% | -3.5\% | -2.1\% | 7.6\% | -4.1\% | -8.9\% | 1.4\% | 7.6\% | 0.2\% | -0.2\% | -0.2\% | 8.2\% | -2.7\% | -3.5\% | -1.8\% | 4.2\% |  |
| 08 FIRE | 01 Finance | -0.1\% | 1.6\% | -2.1\% | 0.2\% | 0.4\% | 4.0\% | -1.3\% | -0.5\% | 1.8\% | 4.6\% | -2.5\% | -3.9\% | -1.9\% | 4.4\% | 3.4\% | 0.2\% | -1.1\% | 2.3\% | -2.7\% | -3.6\% | 3.0\% | 4.9\% |  |
|  | 02 Insurance | 1.9\% | 4.8\% | -1.9\% | -2.4\% | 4.0\% | 2.5\% | -0.3\% | -0.8\% | 3.8\% | 1.6\% | 0.5\% | -1.8\% | 1.9\% | 0.9\% | 1.1\% | -3.6\% | 3.2\% | 0.9\% | -2.2\% | -1.8\% | 0.7\% | -1.8\% |  |
|  | 03 Real Estate | 2.9\% | 8.4\% | -2.7\% | -5.3\% | 1.8\% | 9.8\% | -5.1\% | -3.4\% | 2.2\% | 8.9\% | -6.1\% | -4.7\% | -2.9\% | 11.1\% | -2.1\% | -5.8\% | 1.5\% | 4.9\% | -2.3\% | -4.1\% | -0.1\% | 5.1\% |  |
| 08 FIRE Total |  | 1.1\% | 4.2\% | -2.2\% | -1.8\% | 1.8\% | 5.0\% | -2.0\% | -1.3\% | 2.5\% | 4.8\% | -2.5\% | -3.5\% | -1.2\% | 5.2\% | 1.5\% | 2.1\% | 0.5\% | 2.6\% | -2.5\% | -3.3\% | 1.8\% | 3.5\% | -3.5\% |
| 09 Services | 01 Hotels \& Other Lodging Places | -1.8\% | 34.7\% | -14.6\% | -24.7\% | -3.6\% | 37.9\% | -13.0\% | -25.8\% | 0.5\% | 33.2\% | -12.9\% | -23.7\% | -1.8\% | 34.2\% | -11.3\% | -22.2\% | -1.5\% | 31.3\% | -12.7\% | -22.2\% | -0.8\% | 30.0\% | 18.6 |
|  | 02 Personal Services | 4.9\% | -1.0\% | -1.4\% | -0.3\% | 4.9\% | -4.4\% | -0.1\% | -2.1\% | 5.3\% | -1.0\% | -0.2\% | -2.4\% | 0.5\% | 0.2\% | -0.2\% | 1.1\% | 6.5\% | -4.8\% | -2.2\% | -0.3\% | 1.5\% | -5.2\% | -4.5\% |
|  | 03 Business Services | 4.6\% | 8.7\% | 0.4\% | -10.1\% | 5.3\% | 9.6\% | 0.9\% | -6.9\% | 0.9\% | 12.2\% | -0.3\% | -8.4\% | 4.5\% | 3.1\% | 0.7\% | -3.7\% | 6.6\% | 4.5\% | -1.3\% | -3.6\% | 2.5\% | 0.0\% | -2.7\% |
|  | 04 Auto Repair, Services \& Parking | 2.9\% | 5.7\% | -1.1\% | -1.8\% | 3.9\% | 2.0\% | 0.1\% | -2.6\% | -1.1\% | 2.9\% | 1.8\% | -6.0\% | -1.1\% | 5.6\% | 1.7\% | -0.6\% | 1.1\% | 0.8\% | -1.0\% | -2.2\% | -0.8\% | -1.6\% | 1.1 |
|  | 05 Miscellaneous Repair Service | 0.5\% | 7.1\% | -3.2\% | -1.1\% | 4.1\% | 3.8\% | -1.8\% | -1.9\% | -1.6\% | 1.7\% | -0.3\% | -8.4\% | 3.2\% | 2.2\% | 4.8\% | -5.3\% | 3.0\% | 0.4\% | -0.4\% | -2.5\% | 1.5\% | 7.3\% | 2.3 |
|  | 06 Motion Pictures | -1.7\% | 4.7\% | -5.7\% | -1.3\% | 5.1\% | 5.1\% | -6.3\% | 4.0\% | -1.2\% | -0.8\% | -3.6\% | 0.7\% | -5.7\% | 1.7\% | -0.5\% | 3.1\% | 3.7\% | 1.8\% | -8.0\% | 3.1\% | 0.9\% | 0.1\% | 6.5 |
|  | 07 Amusement \& Recreation Service | 2.7\% | 13.5\% | -15.5\% | 1.9\% | 0.4\% | 11.8\% | -12.8\% | 5.5\% | -1.4\% | 8.4\% | -11.2\% | 4.6\% | 1.5\% | 11.2\% | -10.2\% | 6.7\% | 1.5\% | 4.2\% | -10.2\% | 4.9\% | 2.0\% | 2.1\% | -18.3 |
|  | 08 Heath Services | -2.3\% | -2.2\% | 0.0\% | 1.6\% | 3.1\% | 1.6\% | -0.2\% | -1.0\% | -0.7\% | -2.2\% | -0.3\% | -1.4\% | -1.2\% | 3.7\% | 4.9\% | 0.0\% | -0.4\% | 1.1\% | 1.6\% | -0.2\% | -2.1\% | -5.7\% | -2.9\% |
|  | 09 Legal Services | 2.3\% | 4.6\% | 0.2\% | -3.7\% | 5.2\% | -0.4\% | -1.9\% | -0.1\% | 2.0\% | 2.8\% | -1.1\% | -5.8\% | 1.2\% | 4.7\% | 0.2\% | -2.8\% | 0.0\% | 4.0\% | -1.7\% | -5.4\% | -1.2\% | 2.7\% | 0.8 |
|  | 10 Educational Services | 1.0\% | 12.0\% | -6.6\% | -0.2\% | 1.9\% | 6.8\% | -1.3\% | 1.0\% | 0.0\% | 5.0\% | 3.9\% | -8.0\% | -2.0\% | 10.2\% | -4.3\% | 0.0\% | 5.5\% | 6.9\% | 6.3\% | -8.0\% | 1.4\% | -4.7\% | 5.2 |
|  | 11 Social Services | 2.2\% | 3.9\% | -3.0\% | -2.2\% | 4.5\% | -0.5\% | -2.1\% | 3.1\% | 1.7\% | 0.3\% | 1.3\% | 0.3\% | 0.8\% | 2.5\% | -0.2\% | 2.1\% | -1.4\% | -2.4\% | 2.9\% | 0.8\% | -0.3\% | -1.5\% | 2.8 |
|  | 12 Museums \& Botanical Gardens | -5.2\% | 31.4\% | -17.3\% | -14.1\% | 0.8\% | -7.1\% | -20.9\% | 18.5\% | -10.5\% | 35.3\% | -17.8\% | -21.8\% | 5.3\% | 32.3\% | -12.3\% | -17.3\% | -3.1\% | 35.9\% | -20.6\% | -15.4\% | 2.2\% | 29.6\% | -19.9\% |
|  | 13 Membership Orginizations | 3.9\% | 7.2\% | -8.8\% | -3.1\% | -0.5\% | 7.3\% | -2.7\% | -4.7\% | 3.0\% | 10.2\% | -9.7\% | 0.4\% | 2.0\% | 6.5\% | -3.1\% | -0.3\% | 1.9\% | 0.1\% | -3.3\% | 1.8\% | -4.8\% | 5.9\% | -12.7 |
|  | 14 Engineering \& Management Serv | 5.5\% | 3.4\% | -0.8\% | -3.4\% | 3.6\% | 1.6\% | -0.4\% | -3.6\% | 4.3\% | 2.4\% | -0.3\% | -4.3\% | 3.4\% | 2.7\% | -1.1\% | -0.4\% | 5.6\% | 2.4\% | -2.3\% | 1.6\% | 5.4\% | 1.2\% | -4.9\% |
|  | 15 Private Households | 2.1\% | 14.9\% | -2.5\% | -10.4\% | 5.5\% | 11.1\% | -3.4\% | -9.0\% | 3.5\% | 10.3\% | -8.2\% | -4.9\% | 1.6\% | 9.9\% | -5.0\% | -6.0\% | -0.3\% | 6.7\% | -2.1\% | -12.4\% | 6.8\% | 4.4\% | -8.8 |
|  | 16 Services, NEC | 17.1\% | 3.3\% | 0.0\% | -14.5\% | 1.0\% | 11.0\% | 6.9\% | -7.3\% | -10.7\% | 10.5\% | 0.0\% | 2.8\% | -9.9\% | 7.4\% | 11.7\% | -0.6\% | -2.5\% | 11.6\% | 1.1\% | -2.7\% | 1.8\% | 10.0\% | -120 |
| 09 Services Total |  | 1.3\% | 12.0\% | -5.8\% | -6.8\% | 2.5\% | 11.7\% | -4.6\% | -6.1\% | 0.8\% | 10.8\% | -4.4\% | -6.9\% | 0.8\% | 10.7\% | -2.6\% | -4.2\% | 1.8\% | 8.2\% | -3.8\% | -4.5\% | 0.5\% | 5.5\% | -7.5\% |
| 10 Government | 03 S_Gov_Public Administration | 0.2\% | 0.8\% | 1.1\% | -1.2\% | 1.3\% | 3.0\% | -2.2\% | -0.6\% | 0.6\% | 1.3\% | -1.7\% | -0.9\% | -2.0\% | 3.6\% | 0.4\% | -0.3\% | -0.9\% | 1.5\% | -0.1\% | 1.5\% | 0.5\% | 4.2\% | -2.0\% |
|  | 04 S_Gov_Other | 2.3\% | 2.5\% | -3.6\% | -0.2\% | 4.2\% | 4.4\% | -3.7\% | -3.7\% | 1.3\% | 6.9\% | -7.1\% | -1.3\% | -1.0\% | 2.8\% | -1.4\% | -0.8\% | -0.4\% | 6.9\% | -6.0\% | -1.4\% | 0.4\% | 2.6\% | -1.5\% |
|  | 05 L_Gov_Public Administration | -0.9\% | 13.4\% | -3.7\% | -9.0\% | 0.4\% | 11.2\% | -9.1\% | -1.1\% | 0.0\% | 10.1\% | 8.4\% | -6.5\% | 1.4\% | 13.9\% | -8.3\% | 2.6\% | -1.9\% | 10.0\% | -9.7\% | 1.8\% | 2.2\% | 8.5\% | -7.9\% |
|  | 06 L_Gov_Other | 0.4\% | -4.6\% | 2.0\% | 5.6\% | 2.1\% | -7.4\% | 0.1\% | 5.8\% | 1.6\% | -8.6\% | 0.5\% | 5.0\% | 2.8\% | -12.4\% | 1.2\% | 13.4\% | -0.7\% | -8.6\% | 1.3\% | 6.6\% | -8.4\% | -8.0\% | -1.6\% |
| 10 Government Total |  | 0.3\% | 0.5\% | -0.1\% | 1.3\% | 1.9\% | -1.1\% | -2.6\% | 2.7\% | 1.2\% | -1.9\% | -2.6\% | 1.5\% | 1.5\% | -3.7\% | -1.4\% | 7.3\% | -0.9\% | -2.0\% | -2.1\% | 4.2\% | -4.3\% | -1.4\% | ${ }^{3.1}$ |
| $12 \mathrm{~N} / \mathrm{A}$ |  | 0.4\% | 34.6\% | -5.8\% | -31.2\% | -4.0\% | 27.5\% | 3.6\% | -31.8\% | -1.5\% | 33.7\% | -5.0\% | -21.5\% | -6.0\% | 23.6\% | 8.3\% | -36.4\% | 20.4\% | 21.1\% | -6.3\% | -37.1\% | -3.8\% | 26.0\% | -36.3 |
| 12 NA Total |  | 0.4\% | 34.6\% | -5.8\% | -31.2\% | -4.0\% | 27.5\% | 3.6\% | -31.8\% | -1.5\% | 33.7\% | -5.0\% | -21.5\% | -6.0\% | 23.6\% | 8.3\% | -36.4\% | 20.4\% | 21.1\% | -6.3\% | -37.1\% | -3.8\% | 26.0\% |  |
| Grand Total |  | -0.3\% | 7.2\% | 2.3\% | -4.6 | 1.2\% | 7.2\% | -2.3\% | -3.6\% | 0.1\% | 6.4\% | 3.2\% | -6.1\% | 0.7\% | 6.2\% | -0.7\% | 0.7\% | 0.5\% | 5.6\% | -2.2\% | 3.3 | -1.5 | 3.9 | -5. |

