



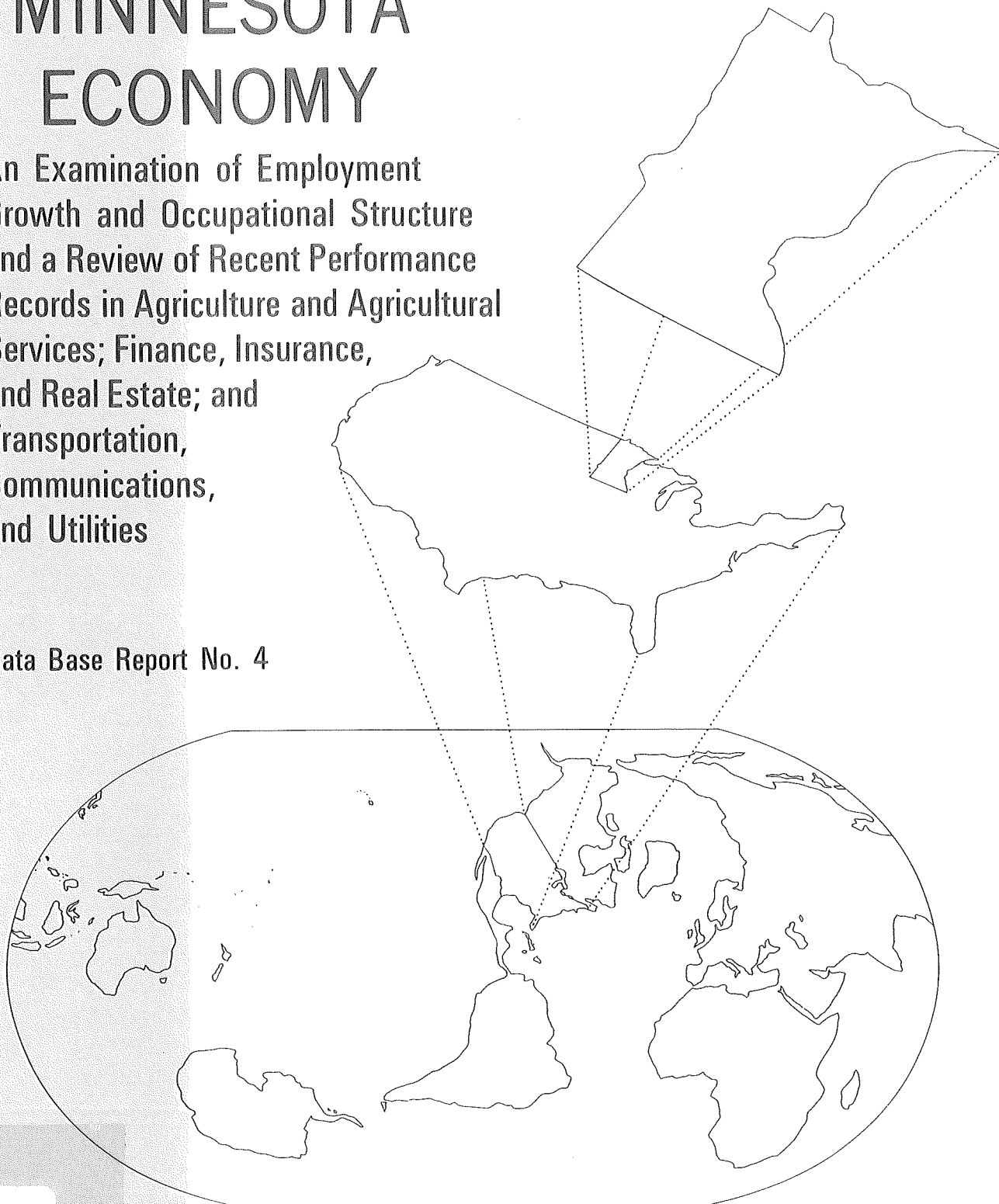
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MINNESOTA ECONOMY

An Examination of Employment
Growth and Occupational Structure
and a Review of Recent Performance
Records in Agriculture and Agricultural
Services; Finance, Insurance,
and Real Estate; and
Transportation,
Communications,
and Utilities

Data Base Report No. 4



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the people of Minnesota, prepared by staff of the School of Management and the Department of Geography,
of Minnesota — Twin Cities, with financial assistance provided by the Minnesota Business Partnership and the
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October, 1982

The Minnesota Economy

An Examination of Employment Growth and Occupational Structure
and a Review of Recent Performance Records in Agriculture and
Agricultural Services; Finance, Insurance, and Real Estate;
and Transportation, Communications, and Utilities

Data Base Report #4

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October, 1982

Foreword

This is the fourth in a series of semi-annual reports on the health and performance of the Minnesota economy. The series is a response to a set of questions posed by the Minnesota Business Partnership (MBP). Three objectives of the series are to:

- provide indicators of Minnesota's economic health;
- identify components of the state's economy that deserve attention either as opportunities or as problems; and
- provide a starting point for economic analysis that is acceptable to business, labor, and government.

Staff at the University of Minnesota prepare the reports. Financial support for the ongoing project has been provided by the MBP, the Center for Urban and Regional Affairs of the University of Minnesota, and the Minnesota AFL-CIO. Representatives from the business community, organized labor, state government, and the university provided advice and comment.

Executive Summary

- The U.S. civilian labor force expanded by 19 percent in the 1960s, and by 27 percent in the 1970s. The ratio of workers to non-workers was 68:100 in 1960, and climbed to 93:100 in 1980.
- Between 1960 and 1980, the number of female workers in the U.S. rose by 21 million, while the number of male workers rose by 14 million.
- Large numbers of young workers entering the U.S. labor force recently have dropped the average age of workers. Lower average skill levels of the young probably cut average worker productivity.
- The U.S. female civilian labor force participation rate has been rising, while the male participation rate has dropped.
- The recessions since 1980, coupled with exceptionally large numbers of persons in the unskilled teen and young adult age groups, helped to drive overall U.S. unemployment rates to high levels.
- The unemployment rate -- which is calculated without regard to the number of persons age 16 and over who are not in the labor force -- may be an unreliable measure of a state's economic performance. The employment/population-16-and-over ratio may be a better measure.
- Only four states (Nev., Wyo., Colo., and N.H.) had employment/population ratios higher than Minnesota's 61.9 in 1980.
- Only four states (Nev., Hawaii, Alaska, and Colo.) and Washington, D.C. had female employment/female population ratios higher than Minnesota's 52.3 in 1980.

- Minnesota's 1980 population may have been "overemployed" at levels that could not reasonably have been expected to persist.
- Minnesota jobs expanded by 431,000 in the 1970s, with 70 percent of the growth in the white collar category. Only 14 states added more jobs. Sales jobs increased by the most (88,600), followed by executive/administrative/managerial jobs (81,400), and non-household and non-protective service jobs (68,200). Expansion patterns resembled those of the U.S. as a whole.
- Cash grain farms were almost a third of U.S. farms in 1978, with sales of \$24 billion; and they were 42 percent of Minnesota farms, with sales of \$1.6 billion or 36 percent of the state's 1978 agricultural product sales.
- General (unspecialized) farms are a versatile and profitable Minnesota emphasis. Only California had more sales from general farms in 1978 (\$510 mil. for California vs. \$256 mil. for Minnesota). Kentucky was the only state that had more general farms than Minnesota's 4,643.
- Livestock (excluding poultry and dairy) and animal specialty farms led the U.S. agriculture sector with 1978 sales of \$37 billion. The 24,000 Minnesota livestock and animal specialty farms in 1978 (with sales of \$1.2 billion) outnumbered all other kinds of farms in the state except for the 36,616 cash grain farms.

- Dairy farm sales nationwide were \$13 billion in 1978. The 17,776 Minnesota dairy farms -- over 10 percent of the U.S. total -- had sales of \$850 million.
- Wage and salary earnings in the U.S. banking industry -- in constant 1972 dollars -- rose 49 percent during the 1967-77 decade, but slowed to a 7 percent gain in the 1977-1980 period; real earnings per employee dropped in both periods.
- In the U.S., in Minnesota, and other states, earnings per employee in constant 1972 dollar terms declined in most finance/insurance/real estate industries (SIC 60-67) between 1967 and 1980.
- Generally, the transportation, communications, and utilities industries (SIC 40-49) had substantial increases in real earnings per employee between 1967 and 1977 in most states, but there followed declines in most states in all industries but one (water transportation) after 1977.
- The overall performance record of the sectors examined in this report -- agriculture and agricultural services; finance, insurance, and real estate; and transportation, communications, and utilities -- appears to be one of (1) vigorous and real growth from the late 1960s into the early 1970s, followed by (2) stagnation in mid-decade, and then (3) major declines up to the recessions starting in 1980.
- Among the 50 states and the District of Columbia, Minnesota generally has performed well; that is, the state has given a reasonable showing within a generally weak field.

The Minnesota Economy: An Examination of Employment Growth and Occupational Structure and a Review of Recent Performance Records in Agriculture and Agricultural Services; Finance, Insurance, and Real Estate; and Transportation, Communications, and Utilities

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Part 1

Employment and Occupations in the 1970s--
Minnesota and the Nation

The Civilian Labor Force*

The U.S. civilian labor force passed 100 million in 1978 and stood at just under 105 million at census time in 1980. To understand the idea of the civilian labor force, imagine the total U.S. population divided into five groups, A through E (Figure 1.1). Group A includes persons under 16 years of age, too young for the labor force. Persons 16 and over are in one of four groups: those not in the labor force (group B); unemployed persons available for work and actively looking for work (group C); those employed part time or full time (group D); or those in military service (group E). The civilian labor force consists of the unemployed plus the employed (groups C and D).

Between 1960 and 1970, the U.S. civilian labor force grew by 13.1 million people, and in the 1970s it expanded by an additional 22.0 million as the large number of persons born after World War II reached working age. From 1960 to 1980 the growth rate of the civilian labor force (19 percent in the 1960s; 27 percent in the 1970s) outpaced the growth of the civilian non-institutional population age 16 and over (17 percent and 20 percent, respectively) so that the percentage of the civilian working-age population in the labor force increased. At the same time, the ratio of workers to non-workers (of all ages) also rose. In 1960 there were 68 workers to each 100 non-workers. In 1970 the ratio was 73 to 100, and in 1980 it was 93 to 100.

*The early sections of Part I of this paper are adapted from the data and discussion presented in: U.S. Department of Commerce, Bureau of the Census, Current Population Reports, Series P-20, No. 363, "Population Profiles of the United States: 1980," pp. 29-37.

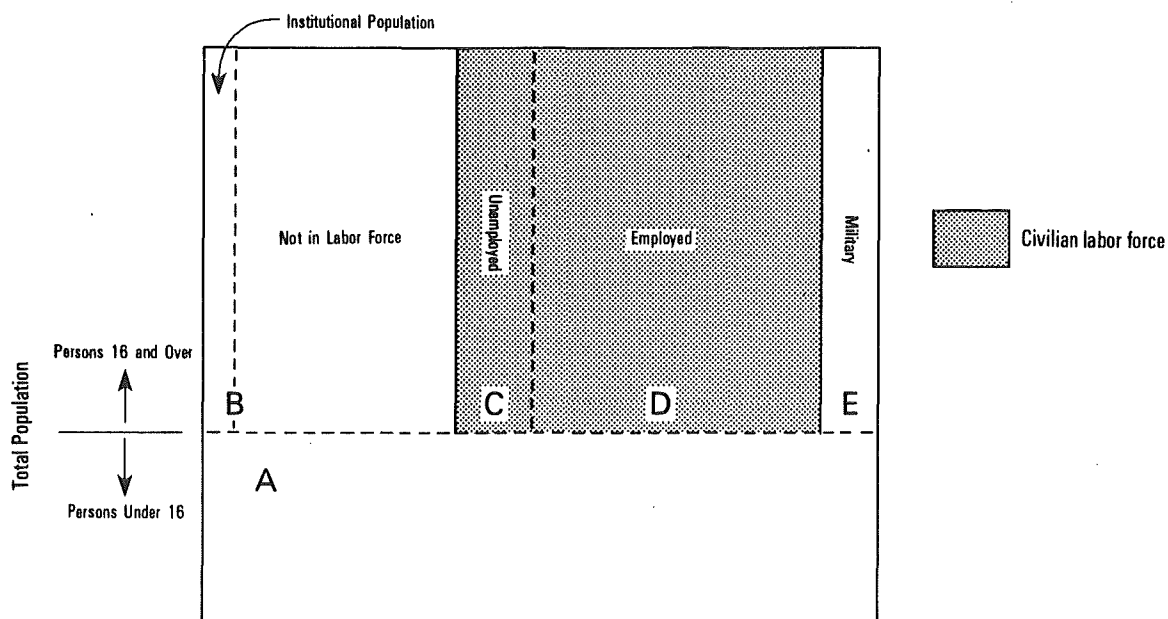


Figure 1.1 – The civilian labor force includes the unemployed (group C) plus persons employed outside the military (group D).

The rapid growth of the civilian labor force meant changes in its composition (Figure 1.2). Large numbers of young persons entering the labor force after 1960 dropped the median age of workers (and in doing so lowered average skill levels and probably contributed to recent lower worker productivity). In 1960, the average worker was 40.2 years old; in 1970, 39 years old; in 1975, 36 years old; and in 1980, 34 years old. One of every 14 persons in the civilian labor force was a teenager (16 to 19 years old) in 1960; by 1980, teenagers were 1 of 11 workers. Towards the other end of the age spectrum, persons of retirement age (65 and over) were only 2.9 percent of the civilian labor force in 1980, down from 4.6 percent in 1960.

In addition to becoming more youthful, the civilian labor force saw a big increase in number of females between 1960 and 1980 (Figure 1.2). During that period women accounted for almost 61 percent of civilian labor

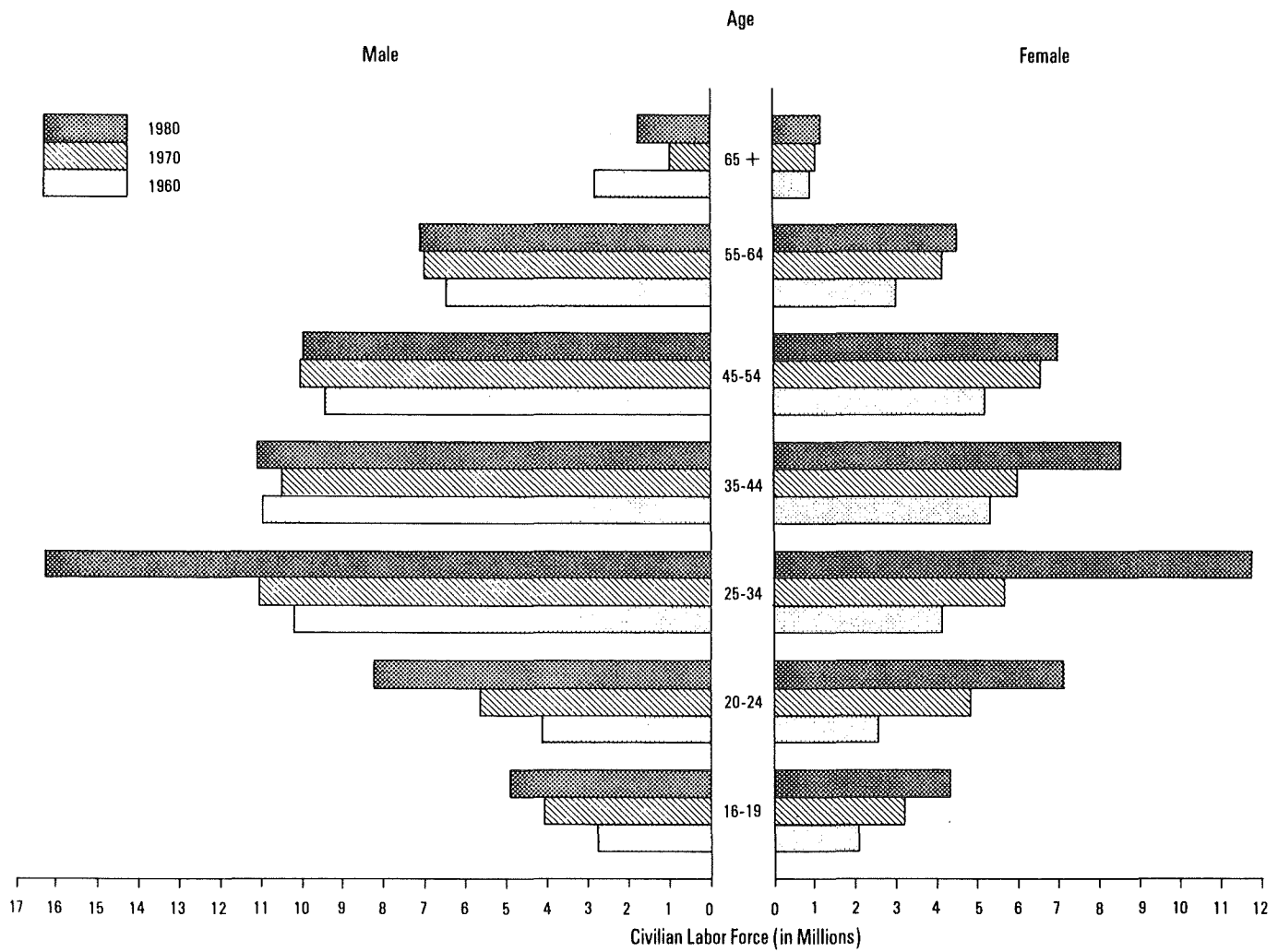


Figure 1.2 – U.S. civilian labor force by age and sex, 1960, 1970 and 1980. (Source: U.S. Department of Commerce, Bureau of the Census, Current Population Reports, Series P-20, No. 363.)

force growth. The number of female workers reached 44.6 million in 1980, an increase of about 21 million after 1960. Over the same period, the male civilian labor force rose by 14 million.

Labor Force Participation Rate Up for Females
and Down for Males

In 1980, about 52 percent of American women age 16 and over were in the civilian labor force. The participation rate had risen from 38 percent in 1960, to 43 percent in 1970, and it passed 50 percent in 1978. These overall averages were raised partly by the influx of young women drawn from the exceptionally large cohorts born during the baby boom of the late 1940s and 1950s, but they were boosted as well by higher rates of labor force participation by all but the oldest age groups (Table 1.1, Figure 1.3).

The rise in the women's labor force participation rate also extended across marital status categories. With one exception (the rate for separated, widowed, or divorced women with no children under 18 -- which declined slightly), the rates rose between 1960 and 1980 for women in all major marital-status categories, regardless of the presence and age of children (Table 1.1). The rate increased most for married women with husbands present and with children under 6 -- from 19 percent in 1960, to 30 percent in 1970, to 45 percent in 1980. Married women with school-age children only (6 to 17 years) increased their participation rate from 39 percent in 1960 to 62 percent in 1980.

In contrast to the rising civilian labor force participation rate for women, the rate for American men has dropped (Table 1.1, Figure 1.3). In 1960 the rate was 83 percent, compared with 80 percent in 1970 and 77 percent in 1980. Some groups of men showed a 1960-80 increase in labor force participation rates, especially never-married men (15 percentage points)

Table 1.1.--Percent of Population in the U.S. Civilian Labor Force, Male and Female,
by Age, Marital Status, and Age and Presence of Children, 1960-1980

	1960	1970	1980
<u>Male^a</u>			
16 years and over	83%	80%	77%
16 and 17	46	47	50
18 and 19	69	67	72
20 to 24	88	83	86
25 to 34	98	96	95
35 to 44	98	97	96
45 to 54	96	94	91
55 to 64	87	83	72
65 and over	33	27	19
<u>Male, 16 years and over^{b,c}</u>			
Single (never married)	56	61	71
Married, wife present	89	87	81
Other marital status ^d	59	54	67
<u>Female^a</u>			
16 years and over	38	43	52
16 and 17	29	35	44
18 and 19	51	54	62
20 to 24	46	58	69
25 to 34	36	45	65
35 to 44	43	51	66
45 to 54	50	54	60
55 to 64	37	43	42
65 and over	11	10	8
<u>Females, 16 years and over^{b,c}</u>			
Single (never married)	44	53	61
No children under 18 years	NA	NA	62
Children 6 to 17 years only	NA	NA	67
Children under 6 years	NA	NA	43
Married, husband present	30	41	50
No children under 18 years	35	42	46
Children 6 to 17 years only	39	49	62
Children under 6 years	19	30	45
Other marital status ^d	40	39	44
No children under 18 years	36	33	35
Children 6 to 17 years only	66	67	74
Children under 6 years	40	51	59

^aData do not include institutional population.

^bData for 1960 pertain to persons 14 years and over.

^cData for 1980 pertain to non-institutional population.

^dIncludes widowed, divorced, and married with spouse absent (including separated).

NA: Not available.

Source: U.S. Department of Commerce, Bureau of the Census, Current Population Reports, Series P-20, No. 363, "Population Profile of the United States: 1980."

U.S. Civilian Labor Force Participation Rates

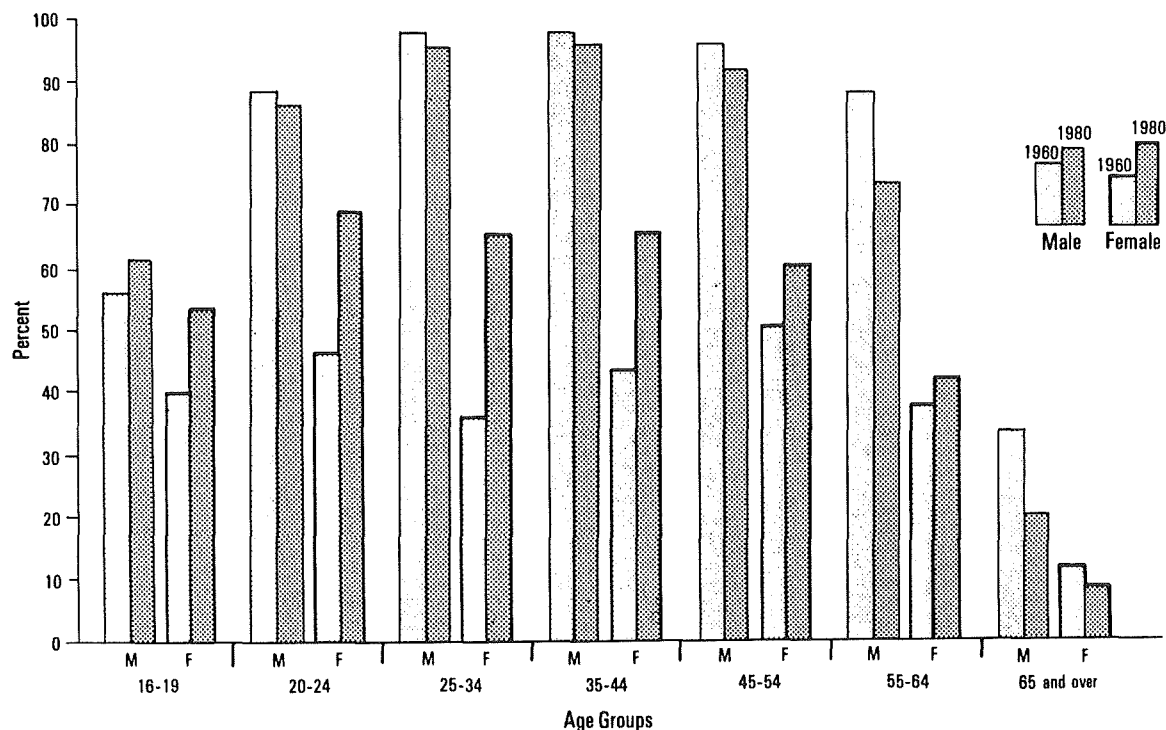


Figure 1.3 – U.S. civilian labor force participation rates, by age and sex, 1960 and 1980. Participation rates for men reach almost 100 percent in the 35-44 age group and then decline with age. In each age group but the youngest, male participation rates for 1980 are below those for 1960. Participation rates for women peak twice, and are higher in 1980 than in 1960 in all but the oldest age group. (Source: U.S. Department of Commerce, Bureau of the Census, Current Population Reports, Series P-20, No.363.)

and widowed, divorced, and separated men (8 points). For married men with wives present, however, the participation rate declined from about 89 percent in 1960 to 81 percent in 1980. These changing rates reflect, in part, changing age composition. For example, they include the effects of disproportionately large numbers of men of traditional college and graduate school ages who stay in school and out of the labor force.

The decline in the male labor force participation rate has been more than offset by the female increase, leading to a rise in the participation rate for the nation as a whole. The civilian labor force participation rate (i.e., the civilian labor force divided by the civilian non-institutional population 16 years of age and over) stood at 64 percent in 1980, more than 3 percentage points above its 1970 level. In 1960, women comprised about 33 percent of the civilian workers, and in 1980 they were 43 percent.

Unemployment

The unemployment rate is defined as the unemployed fraction of the civilian labor force ($C/(C+D)$ in Figure 1.1). After a decline in the U.S. annual average unemployment rate from 8.5 percent in 1975 to 5.8 percent in 1979, the rate rose to 7.1 percent in 1980 and then to over 9 percent in the first quarter of 1982.

As is the case with the labor force participation rate, the unemployment rate differs substantially from one group to another. Teenagers as a group have a very high rate. The unemployment rate for teenagers reached a high of almost 20 percent in 1975, declined to 16 percent in 1979, and then climbed to almost 18 percent in 1980. The recessions of 1975 and early 1980, coupled with exceptionally large numbers of persons in the teenage

cohorts, contributed to high unemployment rates for the group in those years. But even though the rate for each major demographic group fluctuated during the 1970s with business conditions, the relationship among the rates was relatively constant. For example, the unemployment rate for married men with wives present was among the lowest of all rates for demographic groups each year.

The Employment/Population Ratio:
Another Measure of Economic Performance*

The civilian labor force participation rate is commonly used as an indicator of economic trends, but it is an imperfect indicator. The proportion of the working-age civilian population that is in the labor force, either working or looking for work, is somewhat difficult to interpret during recessionary periods. The participation rate can rise more or less steadily even when the unemployed fraction fluctuates. The unemployment rate, too, has drawbacks as an indicator of economic activity. The unemployed group consists of several classes of persons who are without jobs. It includes persons who recently reached working age and are starting to look for work, persons who quit their jobs to seek others, persons who were laid off or fired and are looking for new jobs, and persons who have been of working age for some time and have decided to enter the labor force but have not yet found jobs. Because of the complexities of the unemployment profile, as well as difficulties with defining unemployment, it is argued by some that the unemployment rate is an unreliable measure of a state's economic performance.

*This section draws heavily on: Carol Boyd Leon, "The Employment-Population Ratio: Its Value in Labor Force Analysis," Monthly Labor Review, Vol. 104, No. 2, 1981, pp. 36-45.

The employment/population ratio may be a better measurement of economic performance than either the labor force participation rate or the unemployment rate. The employment/population ratio measures civilian employment as a percentage of total non-institutional population age 16 and over. It thus shows how well the economy is performing by indicating the proportion of the working age population that is employed in civilian jobs, a picture that can differ considerably from that provided by either of the other two measures and which, in any event, gives a useful third perspective (Figures 1.4 and 1.5). Moreover, by focusing on people who are employed, and avoiding the uncertainties associated with definitions of unemployment, the employment/population ratio escapes much of the ambiguity intrinsic to both the unemployment rate and the labor force participation rate.

Since Minnesota's population is continually growing, a rise in employment may or may not appear as an increase in the employment/population ratio, but a decrease in employment would be reflected as a decline in the ratio. Changes in the employment/population ratio tell whether the state's economy is generating jobs fast enough for a growing population. The ratio thereby aids in evaluating the magnitude of job growth in Minnesota compared to other states; comparisons of unemployment rates simply cannot perform this function as well.

In 1980, Minnesota's employment/population ratio of 61.9 ranked it fifth among the 50 states and the District of Columbia (Table 1.2).*

*As indicated earlier, the denominator in the employment/population ratio should be: non-institutional population age 16 and over. The unavailability of 1980 state figures on institutional population, however, prevented our subtracting those people from the total figures. Thus, the state employment/population ratios shown here reflect the inclusion of the institutional population.

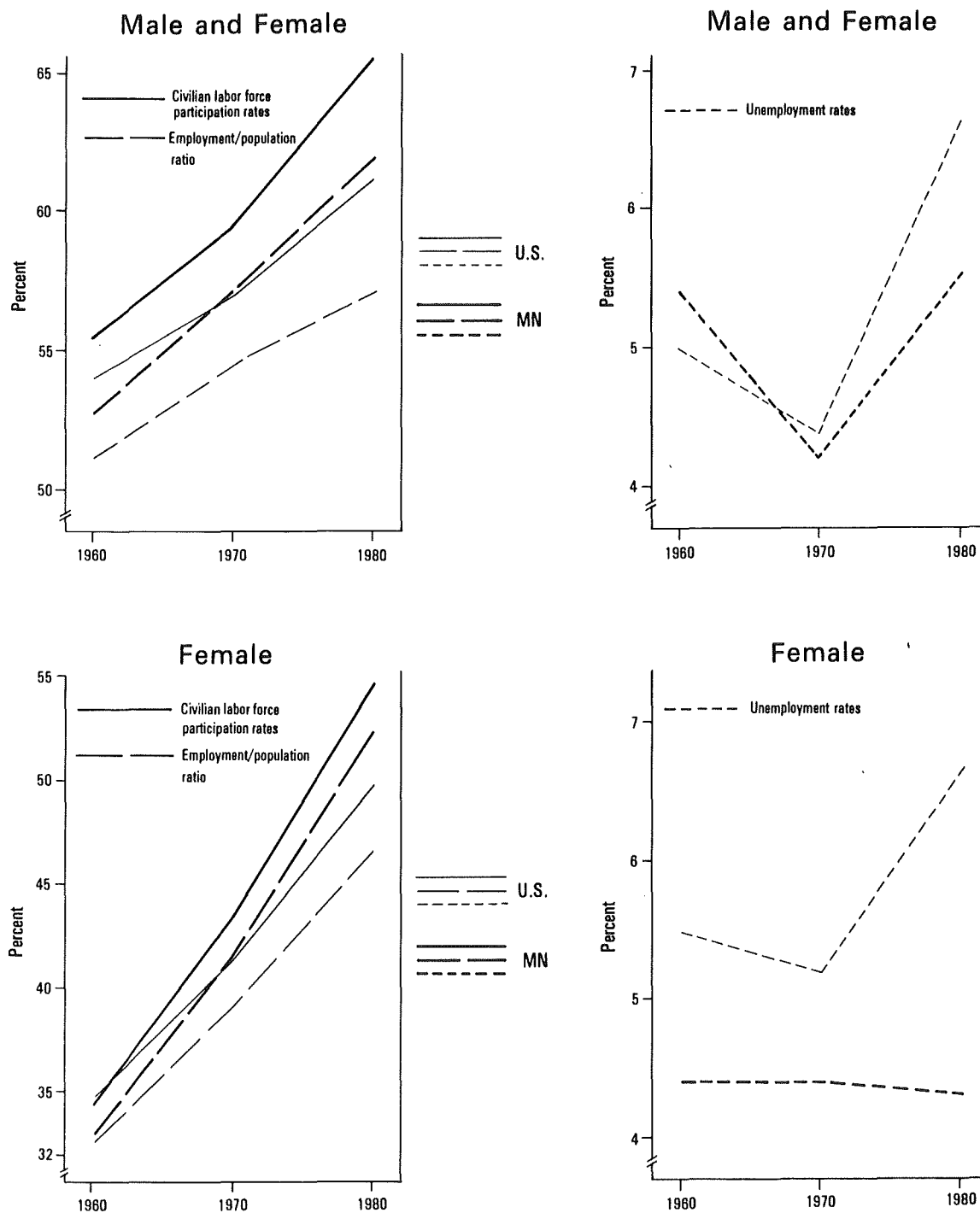


Figure 1.4 – U. S. and Minnesota labor force participation rates, unemployment rates, and employment/population ratios for persons age 16 and over, 1970 & 1980, and age 14 and over, 1960. (Sources: U.S. Department of Commerce, Bureau of the Census, *Census of Population, 1960 and 1970*, and *1980 Census of Population and Housing*; and the authors' calculations.)

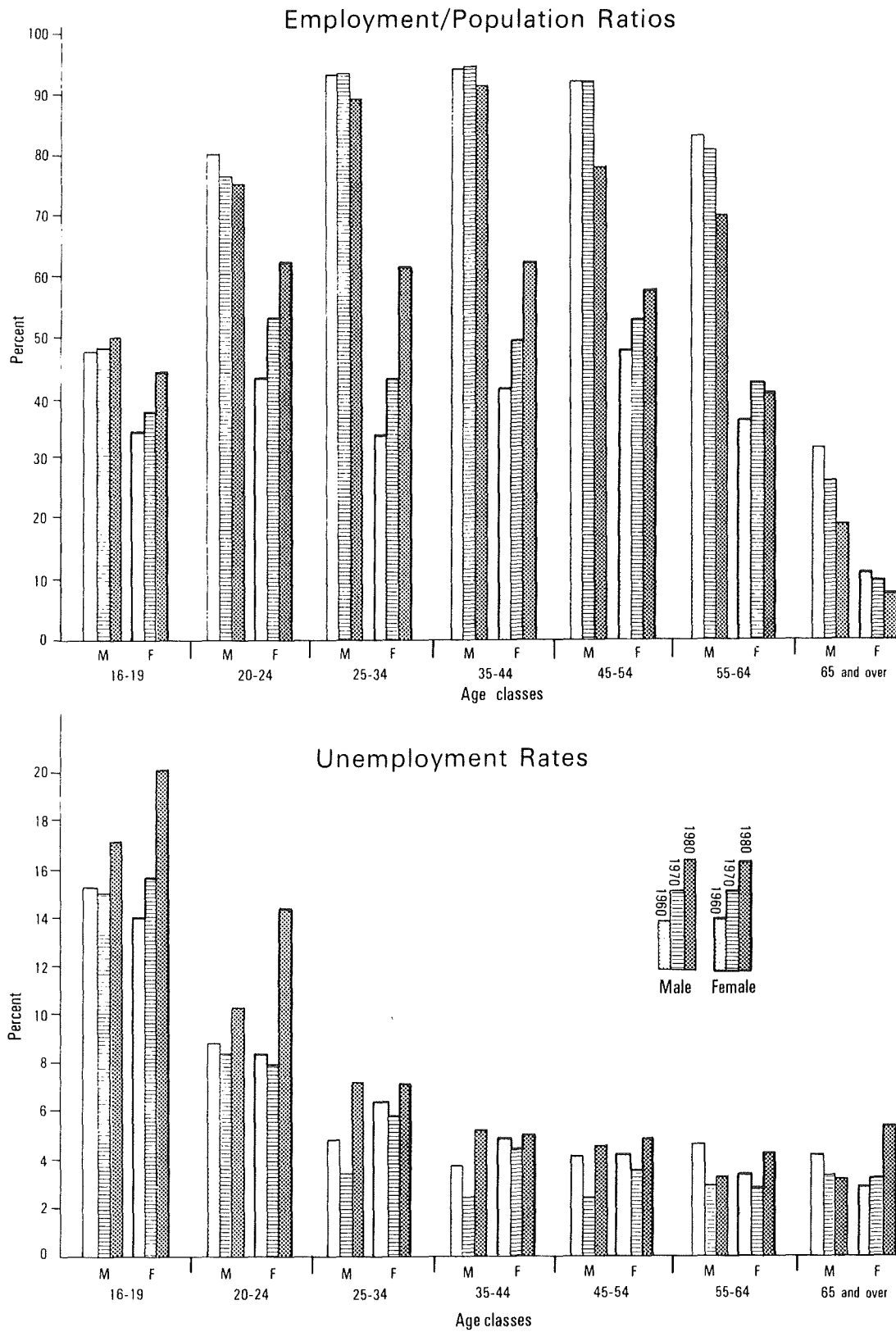


Figure 1.5 – U.S. employment/population ratios and unemployment rates, by sex and age, 1960 – 1980. (Source : U.S. Department of Commerce, Bureau of the Census, Current Population Reports, Series P-20, No. 363)

Table 1.2.--Employment/Population Ratio by State, 1980, for Total Population (16 Years of Age and Over), and for Women (16 Years of Age and Over)

State	Total	Women	State	Total	Women
U.S.	57.0	46.6	W Va	47.2	33.8
Maine	54.3	44.2	NC	59.1	51.3
NH	62.3	52.1	SC	57.7	49.0
Vt	59.1	49.3	Ga	58.2	48.1
Mass	60.0	50.3	Fla	52.5	43.9
RI	58.0	49.0	Ky	50.3	39.1
Conn	61.6	50.9	Tenn	55.1	45.0
NY	54.9	44.5	Ala	52.9	41.5
NJ	58.0	46.4	Miss	52.3	42.7
Pa	54.0	41.9	Ark	51.8	41.7
Ohio	56.4	44.8	La	54.0	40.9
Ind	57.9	46.4	Okla	56.1	45.2
Ill	58.0	47.6	Tex	60.7	48.6
Mich	53.8	43.2	Mont	56.2	45.5
Wis	60.0	50.1	Idaho	56.6	44.3
Minn	61.9	52.3	Wyo	63.3	48.5
Iowa	59.7	48.4	Colo	62.9	52.7
Mo	56.8	47.1	N Mex	54.5	43.2
N Dak	56.4	45.4	Ariz	55.1	44.8
S Dak	58.0	47.1	Utah	60.0	46.8
Nebr	60.9	49.8	Nev	65.1	56.8
Kans	59.3	48.6	Wash	56.9	46.7
Del	58.2	48.1	Oreg	56.6	46.6
Md	60.7	51.7	Calif	58.7	48.8
DC	58.4	55.3	Alaska	50.1	53.9
Va	57.7	50.0	Hawaii	57.8	54.2

Note: Denominator in the ratio includes institutional population. See footnote in text.

Sources: U.S. Department of Commerce, Bureau of the Census, 1980 Census of Population and Housing, "Provisional Estimates of Social, Economic, and Housing Characteristics;" and authors' calculations.

four states with ratios higher than Minnesota's were Nevada (65.1), Wyoming (63.3), Colorado (62.9), and New Hampshire (62.3). Minnesota's high ratio can be taken to mean that the state's economy performed very well through 1980, generating jobs per capita much faster than the U.S. average. In addition, the ratio was high for women. Minnesota ranked sixth with a female employment/female population ratio of 52.3, exceeding the U.S. average by 5.7. The places exceeding the Minnesota ratio for women were Nevada (56.8), the District of Columbia (55.3), Hawaii (54.2), Alaska (53.9), and Colorado (52.7).

In short, Minnesota's performance in expanding the number of jobs per person age 16 and older was quite a bit above the average among states at the end of the 1970s. Some would argue, in fact, that the state's 1980 population may have been "overemployed" at levels that could not reasonably be expected to be maintained. The labor force participation rates may have reached unstable heights by decade's end, so that when the national recession began in 1980, followed by the recession and layoffs of 1981-82, persons remained in the labor force and kept the unemployment rates high, even though the number of employed persons per capita remained at healthy levels. In other words, the unemployment rate may mask the basic underlying strength of the Minnesota economy -- a strength that is reported more reliably by the employment/population ratio.

Minnesota and National Employment Growth in the 1970s

The number of employed persons in the United States grew by 21.1 million or 27.5 percent during the 1970s. Minnesota experienced faster employment growth than the U.S., with an increase of 29.4 percent. The absolute growth of employed persons in Minnesota between 1970 and 1980 was 431,000 workers, ranking the state 15th in the country (Figure 1.6). Most of the nation's job expansion during the decade occurred in the fast growing states of the West and South, and Minnesota performed well in the context of the slower growing states of the Northeast and North Central regions. Among the 21 states of these two slow-growth regions, only Illinois, Ohio, and Michigan added more new jobs than Minnesota between 1970 and 1980.

Increased employment of women had played an important role in overall U.S. employment growth in the 1960s, and the same was true in the 1970s. The maturing of the baby boom generation brought large and virtually identical increases in the number of men (21.6 percent) and in the number of women (21.1 percent) age 16 and over between 1970 and 1980; but whereas the number of employed men in the U.S. grew by only 17.5 percent during the decade, the number of employed women increased by 44.0 percent.

Minnesota was in conformance with this national pattern. The state's growth rates in the number of men 16 years and older and of women in the same age group differed by only 1.7 percentage points during the 1970s, but the difference between the growth rates of employed men and employed women was substantial: the number of employed men increased 17.5 percent in Minnesota, while female employment expanded 48.8 percent (Table 1.3). Consequently, the female share of Minnesota employment increased and exceeded the U.S. average by decade's end.

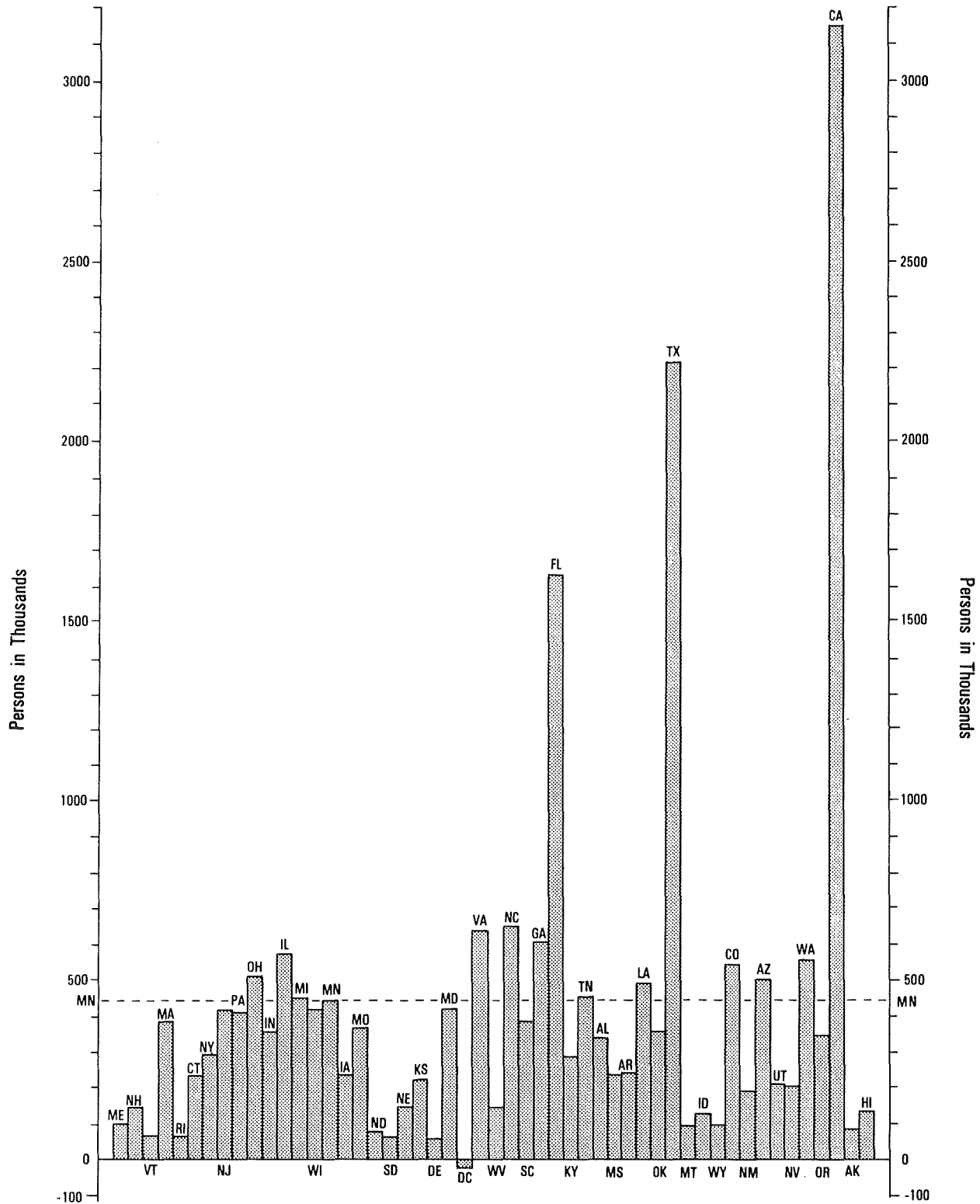


Figure 1.6 – Change in number of employed persons 16 years old and over, by state, 1970–1980. (Sources : U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population, and 1980 Census of Population and Housing; and authors' calculations.)

Table 1.3.--Change in Population (Age 16 and Over) and Employment, U.S. and Minnesota, 1970-1980

(persons in thousands)	U.S.			MN		
	1970	1980	Percentage Change	1970	1980	Percentage Change
Male population, 16 years of age and over	67,236	81,747	21.6%	1,234	1,479	19.9%
Female population, 16 years of age and over	73,852	89,436	21.1	1,339	1,582	18.2
Employed men	47,624	55,959	17.5	908	1,067	17.5
Employed women	28,930	41,672	44.0	556	828	48.8
Percentage shares of total employment:						
Men	62.2%	57.3%		62.0%	56.3%	
Women	37.8%	42.7%		38.0%	43.7%	

Sources: U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population; 1980 Census of Population and Housing, "Provisional Estimates of Social, Economic, and Housing Characteristics;" and authors' calculations.

In sum, U.S. employment rose by 21.1 million during the 1970s, and 61 percent of the expansion (12.7 million jobs) was female employment. In Minnesota, women accounted for 63 percent of the new employment -- 272,000 of the total of 431,000 new jobs. The ratio of new jobs for women compared to new jobs for men was 1.53 to 1.00 in the U.S., and 1.71 to 1.00 in Minnesota.

Changing Occupational Structure*

What kinds of jobs engage workers across the U.S and in Minnesota? What are the new occupations requiring additional persons? What sorts of jobs are increasingly obsolete and are being eliminated, and why?

*This section and the following one draw on discussion presented in: Max L. Carey, "Revised Occupational Projections to 1985," Monthly Labor Review, Vol. 99, No. 11, 1976, pp. 10-22; and U.S. Department of Labor, Bureau of Labor Statistics, Occupational Outlook Handbook, 1980-81 Edition, Bulletin 2075, March, 1980.

Population changes, new technologies, new forms of organization and management techniques, and ever changing needs and tastes all work to continually alter the Minnesota economy and its occupational structure. Perhaps the first of these sets of forces -- changes in population size and age composition -- is the most basic in affecting an economy's occupational profile. Population growth means an increase in demand for housing construction as well as a variety of services ranging from garbage pickup and fire protection to medical care. If the growth comes largely from a strong birth rate or from immigration of the young, one can anticipate an increased demand for such services as education and day care centers and the kinds of workers able to provide them; immigration of elderly people, on the other hand, brings about a different set of needs and therefore stimulates employment growth for other kinds of workers. Because these patterns can be highly localized, there can be substantial demand for housing (and construction workers) stemming from migration, for example, even in the absence of significant change in total population.

Technological changes also act to expand employment in certain occupations while shrinking the need for others. The computer spawned an entire constellation of new occupations -- programmers, systems analysts, and computer operators -- but decreased the relative demand for bookkeepers, file clerks, and other clerical occupations. Organizational and management technique changes play another, related role in modifying an economy's occupational profile. The adoption of a new way of doing things, perhaps facilitated by a technological innovation, might mean the elimination of a level of middle management or an increased support staff. Such changes

clearly have secondary impacts as well, since any change in the number of one kind of worker will inevitably effect the need for others.

Finally, as the fortunes of individual industries rise and fall with evolving needs and tastes, the levels of demand for the various kinds of workers change, because each industry features a characteristic mix of occupations. An expansion in the construction industry, for example, means more jobs for blue collar workers in the building trades, while heightened prosperity in the finance, insurance, and real estate sector means greater demand for a variety of white collar workers.

Measuring employment growth by occupation during the 1970s requires a certain amount of data manipulation, because the 1980 Census of Population used an occupational classification scheme that differed from the one used in 1970. The most obvious change was that the 1980 census reported on 503 occupational categories rather than the 441 used in 1970. In addition, there was substantial modification in the makeup of some major occupational groupings. The major group "professional, technical and kindred workers" in the 1970 system was subsequently divided into the two main categories: professional specialty workers, and technicians and related support workers. Protective service workers in the 1980 system were separated from the non-household service worker category of 1970. Meanwhile, two groups in the 1970 system -- farmers and farm managers and farm laborers and foremen -- were combined within farming, forestry, and fishing occupations. This new farming, forestry, and fishing occupations category in the 1980 census also included (reasonably enough) the forest and fishing occupations that had been classified with the laborers group in 1970.

Some of the adjustments necessitated by these kinds of changes when computing employment growth by occupation are easily accomplished. Others, however, require the use of census data not yet released when this report was prepared. As a result, the following section on employment growth should be read with two qualifications in mind.

- First, the growth of the professional workers category between 1970 and 1980 is somewhat lower than it should be, whereas the growth in the executive, administrative, and managerial workers group is inflated; these inaccuracies reflect the switch of accountants from the former group in 1970 to the latter group in 1980.
- And secondly, the 1970-1980 growth reported for the farming, forestry, and fishing occupations is overstated, while the growth of the handler, helping, and laborer occupations is understated, reflecting the move of forestry and fishing employment that was noted above.

Employment Change by Occupational Group,
Minnesota and the U.S., 1970-1980

The distribution of Minnesota workers among the 13 major occupational groups in 1980 resembled closely the distribution of the U.S. labor force (Figure 1.7). The white collar worker proportion in Minnesota was slightly (0.6 percentage points) ahead of the U.S. share, while the proportion of blue collar workers in Minnesota was below the U.S. average (Table 1.4).

Minnesota jobs expanded by 431,000 in the 1970s, with 70 percent of the growth occurring in the white collar category. The sales occupational group led the way with 88,600 new jobs, followed by executive/administrative/managerial workers (81,400), and non-household and non-protective service workers (68,200) (Figure 1.8). Skilled and unskilled blue collar employment rose by only 53,800, less than 18 percent of the white collar expansion. The number of private household workers dropped during the decade, as did the number of machine operators.

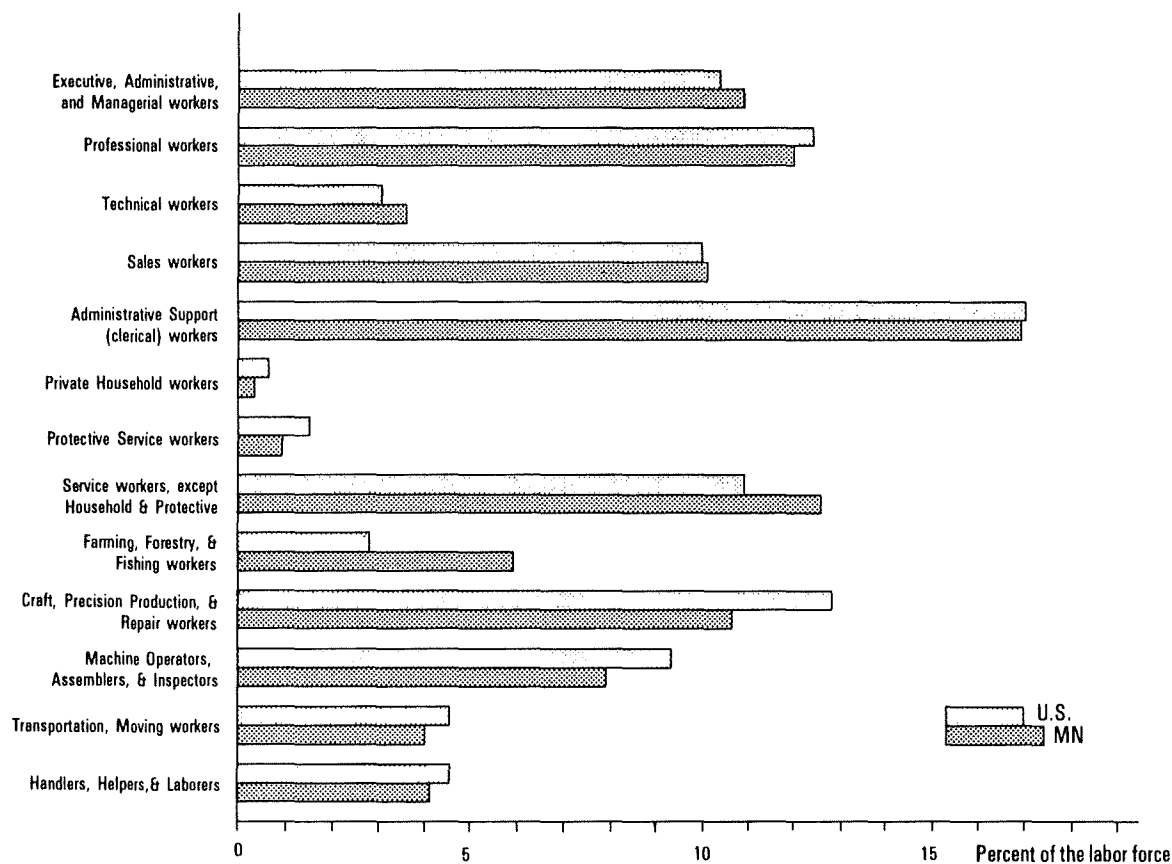


Figure 1.7 – U.S. and Minnesota occupational structure, 1980. (Sources: U.S. Department of Commerce, Bureau of the Census, 1980 Census of Population and Housing; and authors' calculations.)

Table 1.4.--Occupational Composition, 1970-1980

	Proportion of Employed Persons in 1980 (%)		Percent Change in Employment, 1970-80		No. of Jobs Added 1970-1980 in Minnesota (000)
	U.S.	MN	U.S.	MN	
WHITE COLLAR	53.0	53.6			304.2
- Executive, Administrative, and Managerial Workers	10.4	10.9	60.0	64.7	81.4
- Professional Workers	12.4	12.0	32.0	25.8	46.4
- Technical Workers	3.1	3.6	39.3	35.9	18.4
- Sales Workers	10.0	10.1	78.7	86.4	88.6
- Administrative Support (clerical) Workers	17.1	17.0	21.7	27.5	69.4
BLUE COLLAR	31.2	26.7			53.8
- Craft and Repair Workers	12.8	10.7	18.0	10.1	18.5
- Machine Operators and Assemblers	9.3	7.9	-13.1	-5.5	-8.7
- Transportation Workers	4.5	4.0	47.4	44.8	23.6
- Handlers, Helpers, and Laborers	4.5	4.1	28.8	34.9	20.4
SERVICE	13.0	13.8			66.3
- Private Household Workers	0.6	0.3	-51.1	-56.3	-8.5
- Protective Service Workers	1.5	0.9	54.7	62.3	6.6
- Service Workers, except Household and Protective	10.9	12.6	38.7	39.9	68.2
FARMING, FORESTRY AND FISHING	2.8	5.9	15.9	6.9	7.2
TOTAL	100.0%	100.0%			431.5

Sources: U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population; 1980 Census of Population and Housing, "Provisional Estimates of Social, Economic, and Housing Characteristics;" and authors' calculations.

The rates of job expansion and contraction in Minnesota during the 1970s were close to those of the United States in almost all major occupational categories (Figure 1.9). Minnesota expansion rates were higher in executive/administrative/managerial; sales; clerical; protective service; non-household and non-protective service; and laborer jobs. The state's expansion rates lagged U.S. growth rates in professional; technical; farm/forestry/fishing; craft/repair; and transport/moving jobs. Private household worker jobs disappeared faster in Minnesota than in the U.S. overall, but the shrinkage of machine operator jobs in Minnesota was exceeded by the U.S. shrinkage rate.

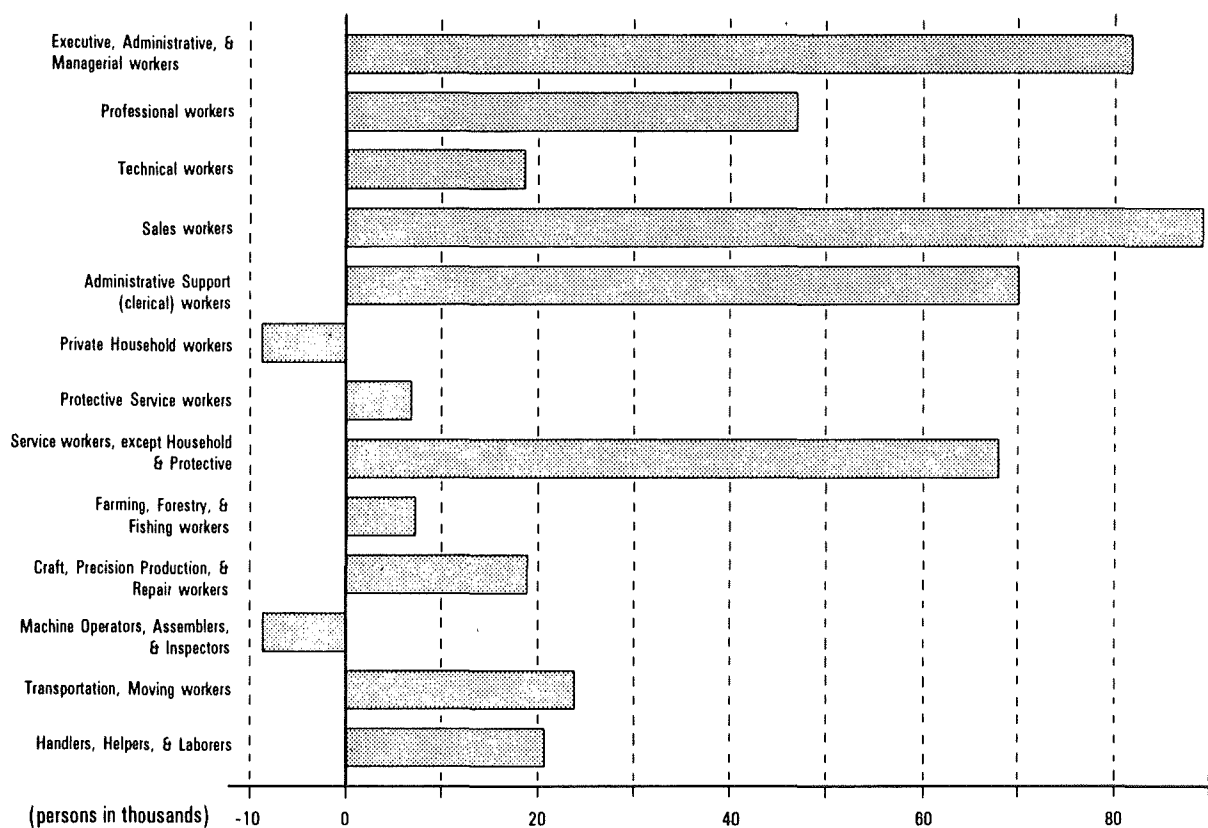


Figure 1.8 – Change in Minnesota employment, by occupation, 1970-1980. (Sources: U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population and 1980 Census of Population and Housing; and the authors' calculations.)

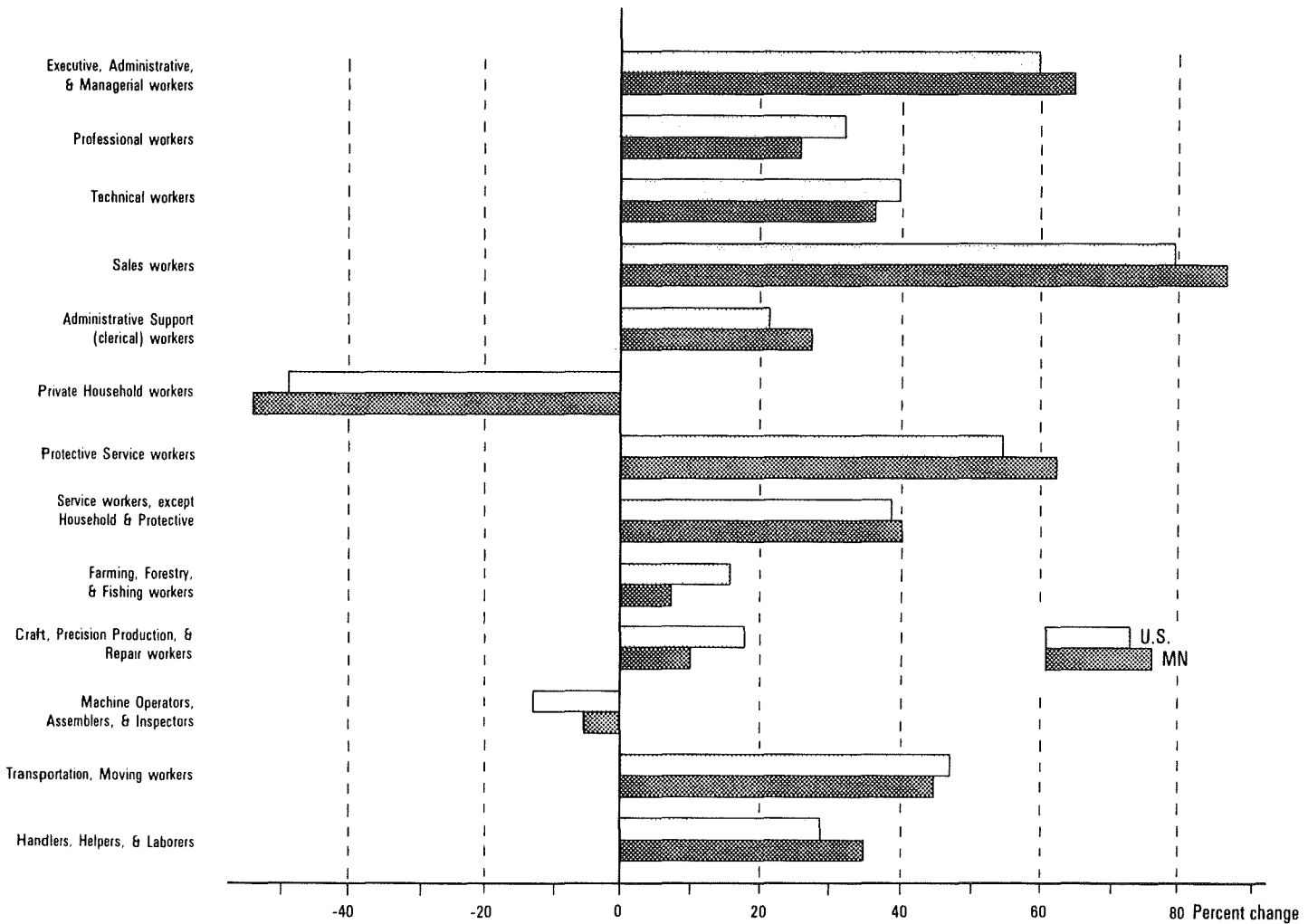


Figure 1.9 – U.S. and Minnesota employment growth rates, by occupation, 1970-1980.
(Sources: U.S. Department of Commerce, Bureau of the Census, 1970 Census of Population, and 1980 Census of Population and Housing; and authors' calculations)

Executive, Administrative, and Managerial Workers

Such workers as general administrators, financial managers, buyers, credit managers, and accountants fall into this group. Minnesota's employment in the group reached 207,300 in 1980, an increase of 65 percent or 81,400 workers over the 1970 level. This rate of growth ranked the state 15th in the country. Compared to states in the Northeast and North Central regions, however, Minnesota's growth rate in the group was second only to

New Hampshire's, as the fast-growth states were concentrated in the South and West.

Professional Specialty Workers

This group includes physicians, lawyers, engineers, scientists (including computer scientists), architects, teachers, and entertainers, among others. Minnesota employment in this group grew to 226,500 in 1980, an increase of 46,400 workers, or 26 percent, during the preceding decade. Nationally, new jobs for scientists and engineers were added in energy exploration and production, in mass transportation, and in environmental protection. Expansion of the health care industry in the 1970s added jobs in health services, especially in the nation's fast-growing regions. On the other hand, demand for teachers, artists, and even registered nurses fell short of supply in many parts of the country. As a result, college graduates and persons with less than four years of college have been obtaining lower-paying jobs than in the past and have experienced greater difficulty moving up the job ladder than during the previous decade.*

Technicians and Related Support Workers

The 1980 census separated this group from the professional specialty group. It includes workers such as health technologists, technicians, pilots, and computer programmers. For the most part, the demand for technical workers grew rapidly only in fast-growing regions, with Minnesota lagging the U.S. growth rate but leading the slower growing states of the Northeast and North Central regions.

*A. J. Jaffe and Joseph Froomkin, "Occupational Opportunities for College-Educated Workers, 1950-75," Monthly Labor Review, Vol. 101, No. 6, 1978, pp. 15-21.

Sales Workers

These workers are employed primarily by retail stores, manufacturing and wholesale firms, insurance companies, and real estate agencies. Much of the growth of sales workers tends to be tied to population growth and expanding retail trade, so the major job expansions occurred in the Mountain and West South Central states where the sales employment growth rate during the 1970s exceeded 100 percent.

Administrative Support, Clerical Workers

This largest of all occupational groups today includes computer operators, secretaries, information clerks, bookkeepers, cashiers, typists, and telephone and mail clerks. Wherever the executive/administrative/managerial and the professional employment groups expand, there is an expansion in the related clerical support group. In Minnesota, where it is said that many large companies concentrate their administrative support and clerical work forces because of the relative abundance of superior workers of this type, employment in this group grew significantly faster than was the case for the nation as a whole during the 1970s.

Service Workers -- Domestic, Protective

The number of private household workers declined rapidly in the 1970s. The Minnesota rate of decline exceeded the U.S. rate. Despite a rise in demand for maids and other household workers, low wages, the low social status of the jobs, and the strenuous nature of the work made these occupations unattractive to many people.

Meanwhile, the number of protective service workers increased rapidly during the 1970s, with Minnesota's 62 percent growth rate for these jobs

(firefighters, police, detectives, guards) ranking well ahead of the U.S. average.

Other Service Workers

This group includes a wide range of service occupations -- bartenders, janitors, cleaners, barbers, cosmetologists, and so on. These jobs wax and wane with the population size and economic condition of each state and region. The demand for service workers seems little affected by technological change, and the growth in jobs is relatively unrelated to productivity advances. Women and youth have frequently been associated with jobs in this group. Voluntary part-time workers are often substituted for paid service workers.

Farming, Forestry, and Fishing Workers

Improved machinery, fertilizers, seeds, and farming techniques have meant greater output with fewer farm workers during the 1970s, continuing a long-term trend. Such developments were evident in Minnesota: the state's growth rate of 6.9 percent for this group was considerably below the U.S. average of 15.9 percent. By contrast, the New England, Middle Atlantic, and Pacific states added jobs rapidly because of fishing and forestry employment.

Precision Production, Craft and Repair Occupations

This group includes highly skilled blue collar workers, such as automobile mechanics, electricians, machinists, instrument makers, carpenters, tool and die makers, and so on. The U.S. growth rate for these jobs was well ahead of the Minnesota growth rate. The states with the greatest

growth were the fast-growth states of the Sunbelt and Mountain regions. Meanwhile, major losses occurred in Washington, D.C., New York, Ohio, Michigan, Pennsylvania, New Jersey, and Illinois.

Machine Operators, Assemblers
and Inspectors

These workers are concentrated in manufacturing industries. As the share of the consumer dollar going to services rises and that going for goods declines, and as goods production is increasingly automated or relocated outside the U.S., these jobs gradually disappear. In the 1970s, Minnesota lost 8,700 jobs in this category, but the loss rate was even greater nationwide.

Transportation and Material
Moving Workers

This occupational group is concentrated in the trade and transportation industry. Workers include truck and bus drivers and route workers. Minnesota added 23,600 new jobs in this group in the 1970s, but the U.S. growth rate exceeded the Minnesota rate by 2.6 percentage points (47.4 percent for the U.S. vs. 44.8 percent for Minnesota).

Handlers, Equipment Cleaners,
Helpers and Laborers

Construction laborers, freight and stock handlers, and garbage collectors are included in this group. Jobs increased slowly because of the continuing substitution of machinery for unskilled labor in these often difficult and unpleasant jobs. The Minnesota growth rate exceeded the U.S. rate for this occupational group in the 1970s.

Jobs Overall

Despite serious recessions in the mid-1970s and in 1980, Minnesota's economy performed well compared to its regional and national competitors. The state generated jobs faster than the U.S. as a whole, and it ranked fourth in employment growth among the 21 states in the slow-growth Northeast and North Central regions -- both in terms of absolute figures (behind the large states of Illinois, Michigan, and Ohio) and in terms of percentage growth (behind the small states of New Hampshire, North Dakota, and Vermont).

Part 2

A Review of Minnesota's Recent Performance Records in Agriculture
and Agricultural Services; Finance, Insurance, and Real Estate;
and Transportation, Communications, and Utilities

NOTE

Some numbers in the tables in Part 2 disagree with those presented in the more complete tables that appear in the Appendix (Part 3). These discrepancies arise from the use of different rounding procedures and should not pose serious problems. Note also that the state rankings discussed in the text and shown in the accompanying figures of Part 2 are based on unrounded numbers. The use of unrounded numbers in the ranking (and map compilation) permitted us to distinguish between the performance levels of states that would appear to be equal on the basis of the rounded numbers shown in the tables.

Agriculture in the 1970s -- Minnesota and the Nation

Measuring the productivity of Minnesota farms and comparing them to farms elsewhere in the U.S. sounds like an easy task, but it turns out to be a rather tricky matter. First, there is a problem inherent to this sector in using the kinds of product-based classification schemes usually employed in analysis of other sectors. Many farms vary their mixes of crops and livestock each year, reflecting costs and market conditions, and thereby move out of one category and into another. Last year's cash grain farm, for example, might be this year's cattle feeding operation. This difficulty notwithstanding, we utilized in the following discussion the Standard Industrial Classification (SIC) system, the same (product-based) scheme we have used in discussing other sectors of the economy. The Census Bureau has used the SIC system in the last two agricultural censuses.

The second major problem in analyzing the industries of this sector arises from changes in definitions and procedures employed in the Census of Agriculture, the main source of comparable, state-to-state data on farms. There have been several changes over the course of the last three agricultural censuses (taken in 1969, 1974, and 1978) that hamper comparisons over time. One such change was in the definition of a farm, a change that occurred between the 1969 and 1974 censuses. Another change was an improvement in the enumeration procedure effected for the 1978 census. These two changes are most easily overcome by focusing attention on farms with sales greater than \$2,500, since the change in farm definition concerned the minimum size and production necessary to qualify as a farm, and since the large majority of farms that were missed in the 1969 and 1974 censuses and then found in 1978 were the smallest ones. Focusing on farms

with sales over \$2,500 has the added advantage of avoiding the distortion that would be introduced into product per farm measures by the inclusion of a large number of small farms that produce little. But yet another change necessitated an extra step in adopting this strategy: the 1978 Census of Agriculture reported data according to SIC categories for all farms only; that is, it did not include figures for farms with sales over \$2,500, unlike the previous two censuses. We therefore estimated the numbers of farms with sales under \$2,500 in 1978 and deleted them (and their estimated product) from the analysis. (Hence, the differences between 1978 numbers included in this report and numbers in the 1978 Census of Agriculture).

Another Census Bureau change concerned the use of a catchall or miscellaneous category for those farms not easily classified. The miscellaneous category changed in meaning between the 1969 and 1974 censuses, and there was no such category in the 1978 census. These inconsistencies introduce a certain amount of error to comparisons between years.

There are ten major industries in the Agriculture and Agricultural Services sector:

U.S.		Minnesota	
1978 Sales (mil.)	No. of Farms (in 1978)	1978 Sales (mil.)	No. of Farms (in 1978)

In terms of sales and number of farms, the two leading industries in the U.S. and Minnesota in 1978 were livestock and animal specialty farms, and cash grain farms.

(1) Livestock (except poultry, dairy, and animal specialty farms; and animal specialty farms	\$37,461	730,400	\$1,246	23,664
(2) Cash grain farms	24,468	525,600	1,641	36,616

A second size class based on national sales includes dairy farms, poultry/egg farms, and the agricultural services industry.

(3) Dairy farms	\$12,547	166,600	\$850	17,776
(4) Poultry and egg farms	8,806	41,900	307	947
(5) Agriculture services	7,251	NA	108	NA

In a third class, nationally, are five industries much smaller than the rest. One of them -- general farms -- ranks fourth in Minnesota even though it ranks eighth nationally.

(6) Fruit and nut farms	\$4,499	57,500	\$5	119
(7) Sugar crop/Irish potato/ field crop (except cash grain) farms	3,935	85,900	149	3,037
(8) General crop farms; and general livestock farms	3,909	66,500	256	4,643
(9) Vegetable and melon farms	3,112	25,600	19	473
(10) Horticultural specialty farms	2,850	26,600	43	445

Cash Grain Farms (SIC 011)

These farms receive at least 50 percent of their sales from wheat, rice, corn, sorghum, soybeans, and other small grains, cowpeas, dry field and seed beans and peas, and so on. Cash grain sales nationwide were over \$24 billion in 1978, but in 1972 dollars the total was \$14 billion, down 21 percent during the 1974-78 period compared to a 138 percent increase between 1969 and 1974 (Table 2.1).*

*Throughout this report constant dollar comparisons were accomplished by using the Producer Price Index to inflate or deflate current prices to 1972 dollars. Thus, figures showing real product, real product per farm, real earnings, real earnings per employee, and so forth, are always expressed in terms of 1972 dollars; changes in these magnitudes were calculated in terms of 1972 dollars as well.

Table 2.1.--Changes in SIC 011: Cash Grain Farms, 1969-1978, Minnesota and Other States

State	Product (farms with sales of \$2,500 or more)				Number of Farms (with sales of \$2,500 or more)			Real Product Per Farm (with Sales \$2,500 or more)		
	1978 (mil.)	1972 (millions, dollars)	Percent Change in Real Product		1978	Percent Change		1978 (000)	Percent Change	
			1969- 1974	1974- 1978		1969- 1974	1974- 1978		1969- 1974	1974- 1978
U.S.	\$24,468	\$13,922	138%	-21%	525,600	57%	-9%	\$26.5	51%	-13%
Maine	1	0	1,000	-64	54	117	2	7.4	412	-66
NH	0	0	(-)	D	4	(-)	33	(-)	(-)	(-)
Vt	0	0	400	0.0	9	200	0	11.1	67	0
Mass	0	0	150	0.0	5	333	-62	5.0	-42	-35
RI	0	0	(-)	D	1	(-)	-50	(-)	(-)	(-)
Conn	0	0	900	100	15	300	88	13.3	150	7
NY	69	40	167	-22	2,309	123	-21	17.1	19	-1
NJ	42	24	252	14	1,379	154	24	17.4	39	-8
Pa	97	55	250	-19	5,125	202	-12	10.8	16	-8
Ohio	1,262	718	164	-6	36,520	74	-5	19.7	52	-1
Ind	1,767	1,005	118	-8	40,700	53	-7	24.7	42	-1
Ill	3,698	2,104	77	-9	64,071	22	-5	32.8	45	-4
Mich	463	263	151	-10	18,881	85	-6	13.9	35	-5
Wis	220	125	261	9	7,792	187	1	16.1	26	8
Minn	1,641	934	189	-11	36,616	58	2	25.5	83	-12
Iowa	2,688	1,530	200	-20	51,439	70	-7	29.7	74	-14
Mo	1,114	634	154	-8	25,033	76	-12	25.3	44	5
N Dak	1,128	642	103	-31	25,016	14	-13	25.6	78	-21
S Dak	377	214	189	-36	10,689	73	-14	20.0	67	-26
Nebr	1,544	878	141	-15	28,623	41	-5	30.7	71	-10
Kans	1,259	716	165	-43	32,390	54	-24	22.1	72	-26
Del	57	32	121	-18	1,421	38	1	22.8	60	-18
Md	141	80	167	-29	3,469	63	3	23.1	64	-31
DC	NR	(-)	(-)	(-)	NR	(-)	(-)	(-)	(-)	(-)
Va	125	71	233	-30	3,674	137	-16	19.4	40	-16
W Va	3	2	286	-33	212	201	-20	8.5	28	-17
NC	224	128	283	-32	9,308	236	-18	13.7	14	-17
SC	176	100	204	-8	5,873	148	1	17.0	23	-9
Ga	167	95	490	-39	5,539	298	-26	17.2	48	-18
Fla	54	31	203	-35	1,765	137	-5	17.5	28	-32
Ky	360	205	(-)	1	9,325	203	-2	22.0	(-)	3
Tenn	328	186	187	5	9,603	160	0	19.4	10	5
Ala	179	102	238	0	6,292	184	6	16.2	19	-5
Miss	455	259	101	19	8,032	73	36	32.2	16	-12
Ark	981	564	84	-12	10,939	10	3	51.5	68	-14
La	564	321	119	-14	8,198	23	22	39.1	78	-30
Okla	304	173	170	-54	10,108	62	-38	17.1	67	-27
Tex	974	554	99	-43	13,983	32	-39	39.6	51	-8
Mont	401	228	117	-34	7,364	29	-16	31.0	68	-21
Idaho	269	153	181	-31	5,165	68	-5	29.6	68	-28
Wyo	26	15	253	-47	759	90	-22	19.6	86	-31
Colo	291	166	257	-41	5,749	71	-19	28.8	108	-26
N Mex	38	22	98	-32	805	25	6	26.7	58	-36
Ariz	11	6	47	-74	124	32	-59	48.4	12	-36
Utah	18	10	162	-38	847	137	-27	12.0	10	-16
Nev	1	1	100	-50	28	72	-44	25.0	16	-11
Wash	419	238	153	-35	4,730	16	-11	50.4	117	-27
Oreg	137	78	232	-47	2,258	82	-26	34.4	82	-28
Calif	386	220	83	-37	3,316	13	10	66.2	63	-43
Alaska	1	0	150	300	9	133	29	44.4	7	111
Hawaii	1	1	(-)	-99	6	(-)	-50	116.7	(-)	-98

Notes: Numbers were rounded after calculations were performed.

Figures for 1978 differ from census figures, reflecting the exclusion here of farms with sales under \$2,500.

(-): Cannot be calculated from census materials.

NR: Not reported on by Census Bureau.

Sources: U.S. Department of Commerce, Bureau of the Census, Census of Agriculture, 1969, 1974, and 1978; and authors' calculations.

The number of cash grain farms dropped 9 percent between 1974 and 1978, from 580,000 to 526,000, and they comprise almost a third of U.S. farms. Real sales per farm rose 51 percent from \$20,100 in 1969 to \$30,400 in 1974, but in the next period the number of farms declined less rapidly than real sales, so real sales per farm slipped 13 percent to \$26,500 in 1978.

The greatest concentration of cash grain farms occurs in the "Corn Belt" states of the East North Central and West North Central geographic divisions, where 70 percent of the nation's cash grain sales originate. Only three states exceeded Minnesota's real sales of \$934 million and 36,600 cash grain farms in 1978. In fact, cash grain farms comprised 42 percent of Minnesota's total farms and 36 percent of its total agricultural product sales that year.

There were 16 states (not including New England states and Alaska, where there were few cash grain farms) that did better than Minnesota in their change in real sales per farm, 1974-78. Minnesota had ranked fourth in the 1969-74 period as real sales per farm rose 83 percent due to sharply higher grain prices, but the state's figure dropped 12 percent in the later period.

Sugar Crop, Irish Potato, and Other
Field Crop Farms, except Cash
Grain Farms (SIC 0133, 0134, 0139)

This industry is more concentrated geographically than cash grain farms. Sugar crops are located in irrigated areas of western states (sugar beets) and in Hawaii and along the Gulf Coast (sugar cane). Irish potato farms are concentrated in Maine, Idaho, and North Dakota, and other field crops are produced mainly in California, Washington, and Oregon.

The U.S. industry yielded product worth \$4 billion in 1978 on 86,000 farms. Real sales were up 169 percent in the 1969-74 period, but down 45

percent between 1974 and 1978. Real product per farm was almost stable in the first period, but because the number of farms rose in the next four years while real sales dropped, the real product per farm dropped 48 percent from \$50,100 in 1974 to \$26,000 in 1978 (Table 2.2).

Minnesota's real sales in this industry ranked ninth among states in 1978, and in number of farms the state ranked ninth as well, but the wide range of specialties included in the industry makes state-by-state comparisons difficult. Real product per farm was \$27,900 in 1978 in Minnesota, close to the national average; the Minnesota figure had dropped 28 percent between 1969 and 1974, and 26 percent between 1974 and 1978. In fact, real product per farm dropped in every state between 1974 and 1978, and only six states managed to decline less than Minnesota (Oregon, Oklahoma, Alabama, Virginia, Nevada, and Illinois). Presumably certain well-informed and adaptable Minnesota farmers moved out of sugar beets and potatoes (as reflected in the 1974-78 period's drop in number of such farms) and into cash grains when such a move appeared to be wise for them.

Vegetable and Melon Farms (SIC 016)

Vegetable and melon farms are widely scattered among the states, but serious production is concentrated on a relatively small number of large and specialized farms. The industry produced about \$3 billion in sales on 25,600 farms in 1978, led by California (\$1.4 bil.), Florida (\$.5 bil.), Texas (\$.2 bil.), Arizona, New York, and Michigan (\$.1 bil. each). Minnesota produced sales of only \$19 million on 473 farms (Table 2.3). Real product per farm in 1978 averaged \$69,200 nationwide; in Minnesota the average was \$22,600. The real product per farm had risen a brisk 22 percent from 1969 to 1974 in the U.S., and a modest 6 percent in

Table 2.2.--Changes in SIC 0133, 0134, 0139: Sugar Crop, Irish Potato, and Other Field Crop Farms, except Cash Grain Farms, 1969-1978, Minnesota and Other States

State	Product (farms with sales of \$2,500 or more)				Number of Farms (with sales of \$2,500 or more)			Real Product Per Farm (with Sales of \$2,500 or more)		
	1978 (mil.)	1972 dollars)	Percent Change in Real Product		1978	Percent Change		1978 (000)	Percent Change	
			1969- 1974	1974- 1978		1969- 1974	1974- 1978		1969- 1974	1974- 1978
U.S.	\$3,935	\$2,239	169%	-45%	85,900	161%	6%	\$26.1	3%	-48%
Maine	76	43	48	-48	1,518	-10	-1	28.5	65	-47
NH	2	1	550	-8	310	1,690	73	3.9	-64	-47
Vt	5	3	825	-24	471	2,907	12	5.9	-69	-32
Mass	6	4	68	-3	432	357	69	8.3	-63	-42
RI	3	2	9	-33	65	38	12	24.6	-21	-41
Conn	4	3	32	-24	306	445	40	8.2	-76	-46
NY	87	50	40	-4	4,634	316	99	10.7	-66	-52
NJ	14	8	4	-10	514	117	70	15.6	-52	-47
Pa	67	38	116	28	5,036	395	176	7.6	-56	-54
Ohio	24	13	193	-43	1,697	405	38	7.9	-42	-59
Ind	17	9	27	-22	980	376	49	9.6	-73	-48
Ill	11	6	200	42	916	736	89	7.0	-64	-25
Mich	81	46	154	-38	3,858	188	50	11.9	-12	-59
Wis	110	63	97	9	4,802	775	71	13.1	-78	-36
Minn	149	85	118	-36	3,037	201	-13	27.9	-28	-26
Iowa	12	7	424	-21	839	1,069	24	8.3	-55	-36
Mo	27	16	1,950	-5	3,017	2,492	42	5.2	-21	-33
N Dak	130	74	185	-43	1,567	132	-13	47.3	23	-34
S Dak	25	14	1,447	-40	1,183	7,477	-8	17.8	-80	-35
Nebr	44	25	697	-73	1,142	531	-43	21.7	26	-52
Kans	0	(-)	828	(-)	1,227	1,126	0	(-)	-24	(-)
Del	6	4	20	-29	50	25	0	70.0	-4	-29
Md	4	2	133	-14	309	675	42	7.8	-70	-40
DC	NR	(-)	(-)	(-)	NR	(-)	(-)	(-)	(-)	(-)
Va	83	47	5	4	2,070	5	12	22.8	-6	-7
W Va	4	2	367	-21	660	510	52	3.3	-24	-49
NC	87	50	209	-55	2,015	80	-30	24.6	72	-35
SC	10	6	1,394	-77	416	538	-21	13.5	134	-70
Ga	291	166	165	-32	4,548	39	-4	36.4	91	-29
Fla	286	163	161	-27	1,407	64	30	115.6	59	-44
Ky	10	6	1,067	-73	1,101	1,729	-52	5.1	-36	-45
Tenn	9	5	769	-63	1,151	959	-41	4.4	-18	-38
Ala	137	78	91	9	3,283	16	25	23.8	65	-13
Miss	6	4	248	-55	622	276	-12	5.8	-8	-49
Ark	8	5	2,467	-39	644	1,248	-8	7.3	90	-34
La	111	63	220	-73	1,599	-11	-15	39.5	259	-69
Okla	58	33	71	-32	2,218	99	-19	15.0	-14	-16
Tex	170	97	156	-44	5,910	142	-14	16.4	6	-35
Mont	53	30	234	-51	1,476	210	-8	20.3	8	-47
Idaho	380	216	130	-43	3,555	70	-14	60.8	35	-34
Wyo	36	20	344	-63	783	241	-23	25.9	30	-52
Colo	97	55	350	-65	2,453	309	-16	22.4	10	-58
N Mex	48	27	678	-24	1,200	558	7	22.8	18	-29
Ariz	36	21	930	-74	411	1,098	-16	50.4	-14	-68
Utah	34	19	381	-37	1,354	474	-4	14,180	-16	-34
Nev	46	26	66,400	-2	596	12,100	22	43.8	445	-20
Wash	300	171	172	-33	2,452	181	-3	69.7	-3	-31
Oreg	226	129	261	-21	2,485	279	2	51.7	-5	-22
Calif	245	140	521	-73	3,006	445	-22	46.4	14	-65
Alaska	2	1	133	-36	84	353	9	10.7	-49	-41
Hawaii	217	123	17	-57	459	-39	21	268.8	90	-64

Notes: Numbers were rounded after calculations were performed.
Figures for 1978 differ from census figures, reflecting the exclusion here of farms with sales under \$2,500.

D: Not disclosed by Census Bureau.

(-): Cannot be calculated from census materials.

NR: Not reported on by Census Bureau.

Sources: U.S. Department of Commerce, Bureau of the Census, Census of Agriculture, 1969, 1974, and 1978; and authors' calculations.

Table 2.3.--Changes in SIC 016: Vegetable and Melon Farms, 1969-1978, Minnesota and Other States

State	Product (farms with sales of \$2,500 or more)				Number of Farms (with sales of \$2,500 or more)			Real Product Per Farm (with Sales \$2,500 or more)		
	1978 (mil.)	1972 (millions, dollars)	Percent Change in Real Product		1978	Percent Change		1978 (000)	Percent Change	
			1969- 1974	1974- 1978		1969- 1974	1974- 1978		1969- 1974	1974- 1978
U.S.	\$3,112	\$1,771	21%	11%	25,600	-1%	31%	\$69.2	22%	-15%
Maine	4	2	-7	57	187	10	82	11.8	-15	-13
NH	3	2	-13	31	108	7	64	15.7	-19	-20
Vt	0	0	33	-50	62	7	100	3.2	25	-75
Mass	13	7	-9	0	524	4	39	13.7	-13	-28
RI	2	1	14	13	79	2	41	11.4	12	-20
Conn	8	4	-26	54	268	-5	50	16.0	-23	3
NY	102	58	8	-5	1,575	-3	30	36.7	11	-27
NJ	80	46	-2	-12	1,414	-16	33	32.3	16	-34
Pa	22	13	-9	5	848	7	44	15.0	-15	-27
Ohio	56	32	-7	5	793	-27	28	40.2	27	-18
Ind	22	12	-18	-8	408	-16	10	30.1	-2	-16
Ill	27	16	-13	-9	413	-15	13	37.5	2	-20
Mich	91	52	10	23	1,650	-4	29	31.3	14	-5
Wis	61	34	76	-29	1,579	42	-16	21.8	23	-16
Minn	19	11	56	-25	473	48	4	22.6	6	-28
Iowa	3	2	0	-6	95	-15	28	17.9	18	-26
Mo	6	3	-50	46	144	-28	36	22.2	-30	7
N Dak	1	1	67	400	8	67	60	62.5	0	213
S Dak	0	(-)	0	(-)	55	-39	588	(-)	63	(-)
Nebr	0	0	0	-33	30	-6	0	6.7	7	-33
Kans	3	1	100	-13	94	42	54	14.9	41	-43
Del	13	8	28	-8	79	-10	13	96.2	42	-19
Md	16	9	8	-16	398	-5	50	23.1	14	-44
DC	NR	(-)	(-)	(-)	NR	(-)	(-)	(-)	(-)	(-)
Va	25	14	-18	33	401	-4	57	35.9	-14	-15
W Va	0	0	0	0	55	65	67	5.5	-39	-40
NC	18	10	-10	21	857	-7	62	12.1	-4	-25
SC	28	16	-8	67	495	-17	101	32.3	12	-17
Ga	20	11	10	104	646	22	92	17.3	-10	6
Fla	475	270	-17	54	1,817	-3	63	148.8	-15	-6
Ky	2	1	-9	20	162	19	50	7.4	-23	-20
Tenn	18	11	17	36	620	7	75	16.9	9	-22
Ala	11	7	6	28	713	13	49	9.1	-6	-14
Miss	3	2	-16	-6	261	62	13	5.7	-48	-17
Ark	7	4	-5	-3	441	12	52	8.6	-15	-36
La	3	2	24	-39	350	16	26	5.4	7	-51
Okla	4	2	0	-15	146	21	10	15.1	-17	-23
Tex	200	114	32	60	1,462	-3	36	77.8	36	18
Mont	0	0	900	0	21	71	75	4.8	483	-43
Idaho	18	10	8	89	199	33	15	50.3	-19	64
Wyo	0	0	900	0	3	100	25	33.3	400	33
Colo	32	18	38	22	286	-19	42	62.9	71	-14
N Mex	27	15	71	-3	227	45	24	66.5	18	-22
Ariz	133	76	-41	52	144	-19	31	525.0	-27	16
Utah	6	3	16	14	147	5	15	22.4	11	-1
Nev	1	1	-88	500	14	-42	100	42.9	-79	200
Wash	56	32	19	-12	895	-13	7	35.8	37	-17
Oreg	80	46	48	-20	836	-1	12	54.7	50	-28
Calif	1,378	784	57	2	2,617	-10	28	299.6	73	-20
Alaska	0	0	0	100	10	-33	150	20.0	50	-20
Hawaii	15	9	-14	27	458	-9	28	18.8	-6	-1

Notes: Numbers were rounded after calculations were performed.

Figures for 1978 differ from census figures, reflecting the exclusion here of farms with sales under \$2,500.

D: Not disclosed by Census Bureau.

(-): Cannot be calculated from census materials.

NR: Not reported on by Census Bureau.

Sources: U.S. Department of Commerce, Bureau of the Census, Census of Agriculture, 1969, 1974, and 1978; and authors' calculations.

Minnesota; between 1974 and 1978, it fell by 15 percent nationwide and 28 percent in Minnesota. This up-and-down pattern was repeated in many industries from the late 1960s through the late 1970s.

Fruit and Tree Nut Farms (SIC 017)

Farms are classified in this industry if 50 percent or more of their sales come from berry crops, grapes, tree nuts, citrus fruits, deciduous tree fruits (apples, peaches, pears, etc.), and other fruits and nuts. These farms are highly specialized and concentrated in a few states. The trees and vines that produce the crops take years to develop so the farms, once established, cannot switch quickly to other lines of production as other types of farms often are able to do.

This industry nationwide produced sales of \$4.5 billion in 1978, led by California (\$2.1 bil.), Florida (\$.9 bil.), Washington (\$.4 bil.), Michigan (\$.2 bil.), New York, Oregon, and Arizona (\$.1 bil. each) (Table 2.4). Minnesota's 119 farms producing \$5 million in sales are not too significant, either in the national industry or in the state's economy. Real product per farm nationally rose 19 percent in the 1969-74 period and rose again 7 percent to \$44,500 in the 1974-78 period. Meanwhile, the Minnesota producers expanded their average real product per farm 16 percent in the first period, but contracted 15 percent in the later years, settling at \$22,700 in 1978.

Horticultural Specialty Farms (SIC 018)

These farms produce flowers, ornamental plants, and certain fruit specialties. The industry was apparently a strong performer in the 1970s, although data difficulties demand caution in interpreting the patterns. Both the 1969/1974 comparisons and the 1974/1978 comparisons are unrefined.

Table 2.4.--Changes in SIC 017: Fruit and Tree Nut Farms, 1969-1978, Minnesota and Other States

State	Product (farms with sales of \$2,500 or more)				Number of Farms (with sales of \$2,500 or more)			Real Product Per Farm (with Sales \$2,500 or more)		
	1978 (mil.)	1972 (millions, dollars)	Percent Change in Real Product		1978	Percent Change		1978 (000)	Percent Change	
			1969- 1974	1974- 1978		1969- 1974	1974- 1978		1969- 1974	1974- 1978
U.S.	\$4,499	\$2,560	13%	20%	57,500	-5%	12%	\$44.5	19%	7%
Maine	18	10	-7	32	556	10	87	18.7	-16	-29
NH	8	5	2	9	106	-24	68	44.3	35	-35
Vt	6	3	15	10	85	42	9	40.0	-19	1
Mass	30	17	-23	13	539	-6	11	31.5	-18	1
RI	1	1	25	20	30	13	11	20.0	11	8
Conn	7	4	-6	-11	142	3	7	28.2	-9	-17
NY	133	76	14	5	2,360	4	2	32.0	10	3
NJ	39	22	-6	-15	430	-16	9	51.2	12	-22
Pa	53	30	10	-22	964	1	1	31.5	8	-22
Ohio	18	10	-3	-21	712	1	13	14.3	-4	-30
Ind	8	5	-16	-16	225	-12	9	20.9	-5	-23
Ill	11	6	-19	-14	229	-19	21	27.1	0	-29
Mich	162	92	1	13	3,035	-13	6	30.3	16	7
Wis	28	16	1	5	514	28	8	30.4	-21	-3
Minn	5	3	44	4	119	24	23	22.7	16	-15
Iowa	2	1	22	-9	64	55	-16	15.6	-21	8
Mo	9	5	7	-24	191	-10	11	25.1	19	-31
N Dak	1	0	0	(-)	5	0	150	60.0	(-)	(-)
S Dak	0	(-)	0	(-)	0	0	(-)	(-)	(-)	(-)
Nebr	0	0	-50	0	8	14	0	12.5	-56	0
Kans	1	0	-44	-56	51	-40	34	7.8	-6	-67
Del	1	1	-70	-67	10	-9	0	50.0	-67	67
Md	10	6	11	-5	134	5	25	42.5	6	-24
DC	NR	(-)	(-)	(-)	NR	(-)	(-)	(-)	(-)	(-)
Va	39	22	-3	-4	565	3	17	39.3	-6	-18
W Va	22	13	12	18	159	6	-14	78.6	5	37
NC	29	17	18	47	678	30	15	24.6	-10	28
SC	39	22	25	10	341	-2	5	65.1	27	5
Ga	50	28	-10	49	711	-15	71	39.8	5	-13
Fla	938	534	-1	51	7,424	-3	7	71.9	3	42
Ky	2	1	-6	-27	78	-7	4	14.1	1	-30
Tenn	3	2	-13	14	122	-25	44	13.1	17	-20
Ala	4	2	-37	18	182	-22	5	11.0	-20	12
Miss	1	0	-33	-50	84	-42	75	3.6	14	-71
Ark	5	3	-36	-4	169	-38	-2	15.4	4	-1
La	4	2	-27	16	291	-25	111	7.6	-3	-45
Okla	3	2	-39	55	134	-40	79	12.7	2	-14
Tex	56	32	91	9	1,529	6	13	20.9	80	-4
Mont	1	1	100	75	102	111	34	6.9	-5	30
Idaho	15	9	-11	15	197	-11	8	43.7	0	6
Wyo	-	-	-	-	-	-	-	-	-	-
Colo	6	4	14	-37	239	-2	-28	15.1	16	-13
N Mex	20	12	-5	11	171	-11	84	67.8	7	-40
Ariz	65	37	40	-0	378	-5	-21	98.1	47	27
Utah	9	5	35	15	287	30	-8	18.5	4	25
Nev	0	0	0	(-)	1	300	-75	100.0	(-)	(-)
Wash	392	223	18	53	5,209	1	21	42.9	17	27
Oreg	112	63	-17	25	2,498	-19	25	25.4	3	-0
Calif	2,062	1,174	20	13	24,701	-6	11	47.5	28	2
Alaska	-	-	-	-	-	-	-	-	-	-
Hawaii	73	41	470	15	748	16	57	55.3	391	-27

Notes: Numbers were rounded after calculations were performed.

Figures for 1978 differ from census figures, reflecting the exclusion here of farms with sales under \$2,500.

D: Not disclosed by Census Bureau.

(-): Cannot be calculated from census materials.

NR: Not reported on by Census Bureau.

Sources: U.S. Department of Commerce, Bureau of the Census, Census of Agriculture, 1969, 1974, and 1978; and authors' calculations.

Horticultural specialty farms tend to be located near large urban areas. They produced about \$3 billion in sales nationwide in 1978, with many states well represented (Table 2.5). The number of farms was small and declined to 26,600 in 1978. Meanwhile, real product per farm rose 21 percent in the 1969-74 period and 42 percent in the 1974-78 period. The Minnesota average real product per farm of \$54,800 in 1978 was close to the U.S. average of \$61,000, after expanding during both periods at about the national rate.

General Farms, Primarily Crop (SIC 019),
and Primarily Livestock (SIC 029)

Any crop (or livestock) farm deriving less than 50 percent of its sales from products of any single crop (or livestock type) is classified as a general farm, primarily crop (or livestock). In the 1969-74 period, the nation saw this industry's real sales drop 28 percent and number of farms drop 53 percent as operators presumably moved heavily into cash grains in response to high prices (Table 2.6). In the 1974-78 period, real sales rose 15 percent and the number of farms was up 12 percent as farms returned to general farm status. General farms are diversified and can adjust their activity mix annually in response to cost and market circumstances.

General farms are something of a Minnesota specialty. Only California had greater sales from general farms in 1978 (\$510 mil. vs. \$256 mil. in Minnesota), and only Kentucky had more general farms than Minnesota's 4,643.

Livestock Farms, except Poultry, Dairy,
and Animal Specialty (SIC 021), and
Animal Specialty Farms (SIC 027)

These farms derive 50 percent or more of their total value of farm products from the sale of animals, honey, fish, and other specialties. It

Table 2.5.--Changes in SIC 018: Horticulture Specialty Farms, 1969-1978, Minnesota and Other States

State	Product (farms with sales of \$2,500 or more)				Number of Farms (with sales of \$2,500 or more)			Real Product Per Farm (with Sales \$2,500 or more)		
	1978 (millions, 1972 dollars)		Percent Change in Real Product		Percent Change		1978 1974	Percent Change		1978 1974
	1978 (mil.)	1972 dollars)	1969- 1974	1974- 1978	1969- 1974	1974- 1978		1969- 1974	1974- 1978	
U.S.	\$2,850	\$1,622	9%	15%	26,600	-10%	-19%	\$61.0	21%	42%
Maine	6	4	43	-19	204	53	-37	17.2	-7	30
NH	7	4	28	-18	141	15	-24	29.8	11	8
Vt	2	1	18	-35	104	44	-48	12.5	-18	25
Mass	41	23	16	-16	521	-14	3	44.7	34	-18
RI	10	6	13	14	116	-1	57	50.0	15	-28
Conn	44	25	-12	15	416	-4	5	59.9	-9	10
NY	92	52	-6	-1	1,427	10	-12	36.6	-15	13
NJ	68	39	2	0	939	4	9	41.1	-2	-8
Pa	263	150	12	41	1,662	-2	-7	90.1	14	52
Ohio	128	73	-3	-8	1,255	-7	-20	57.9	5	14
Ind	37	21	-0	-22	450	1	-38	46.2	-2	27
Ill	103	59	1	11	785	-16	2	74.5	21	9
Mich	104	59	11	7	985	-19	-17	60.1	38	28
Wis	43	24	-50	22	548	-41	-24	44.3	-15	60
Minn	43	24	-21	21	445	-39	-14	54.8	31	41
Iowa	34	19	-6	8	360	-26	19	53.9	29	-9
Mo	31	17	-16	14	469	-8	-33	37.1	-8	70
N Dak	3	1	-45	27	78	-58	37	17.9	29	-7
S Dak	2	1	-56	-38	59	-53	-21	22.0	-6	-21
Nebr	8	4	-38	48	120	-53	-5	35.8	30	56
Kans	16	9	8	10	211	-32	-12	42.7	58	25
Del	8	5	22	4	83	53	-5	56.6	-20	10
Md	36	21	5	16	462	-28	21	44.8	47	-4
DC	NR	(-)	(-)	(-)	NR	(-)	(-)	(-)	(-)	(-)
Va	40	23	-13	14	769	-6	-6	29.5	-7	21
W Va	7	4	15	-15	164	8	-37	23.8	7	35
NC	40	23	24	-19	817	2	-29	27.9	21	15
SC	14	8	34	-31	282	21	-48	27.3	11	34
Ga	36	21	53	-54	470	8	-67	44.0	41	39
Fla	350	199	17	48	3,013	14	37	66.0	3	8
Ky	14	8	-53	-33	258	10	-61	29.8	-57	71
Tenn	47	27	12	25	593	31	-44	45.5	-14	122
Ala	36	21	21	-29	439	24	-63	46.7	-2	95
Miss	11	6	49	-61	207	58	-80	30.4	-6	92
Ark	11	7	3	0	256	26	-53	25.4	-18	111
La	15	9	23	-12	289	3	-43	29.8	19	55
Okla	41	23	17	63	280	-29	-15	82.1	64	92
Tex	104	59	34	34	1,258	-22	-10	46.9	72	48
Mont	3	2	-18	-44	74	-20	-63	24.3	3	52
Idaho	6	4	-21	-25	134	-33	-48	26.9	18	44
Wyo	1	1	-75	200	22	-69	-29	27.3	-19	323
Colo	59	34	15	17	392	-36	-3	85.5	79	20
N Mex	7	4	24	95	100	-36	5	41.0	94	86
Ariz	19	11	42	104	133	-38	-6	82.7	129	116
Utah	14	8	-54	80	130	-71	7	62.3	58	68
Nev	1	0	-78	100	20	-78	18	20.0	1	70
Wash	60	34	-2	14	714	-9	-25	47.6	7	51
Oreg	85	48	29	4	822	-13	-24	58.9	48	37
Calif	677	385	33	30	2,446	-34	-10	157.4	103	45
Alaska	2	1	300	125	27	27	-18	33.3	215	175
Hawaii	24	13	22	103	643	17	65	20.8	4	24

Notes: Numbers were rounded after calculations were performed.

Figures for 1978 differ from census figures, reflecting the exclusion here of farms with sales under \$2,500.

(-): Cannot be calculated from census materials.

NR: Not reported on by Census Bureau.

Sources: U.S. Department of Commerce, Bureau of the Census, Census of Agriculture, 1969, 1974, and 1978; and authors' calculations.

Table 2.6.--Changes in SIC 019, 029: General Farms, Primarily Crop and Primarily Livestock, 1969-1978; Minnesota and Other States

State	Product (farms with sales of \$2,500 or more)				Number of Farms (with sales of \$2,500 or more)			Real Product Per Farm (with Sales \$2,500 or more)		
	1978 (mil.)	1978 (millions, in 1972 dollars)	Percent Change in Real Product		Percent Change			Percent Change		
			1969- 1974	1974- 1978	1969- 1974	1974- 1978		1978 (000)	1969- 1974	1974- 1978
U.S.	\$3,909	\$2,224	-28%	15%	66,500	-53%	12%	\$33.4	52%	3%
Maine	1	1	-19	-46	72	-78	76	9.7	273	-69
NH	1	1	-78	150	32	-79	39	15.6	7	80
Vt	2	1	-78	125	167	-89	519	5.4	96	-64
Mass	2	1	-37	-8	76	-69	36	14.5	103	-33
RI	0	0	(-)	(-)	11	-75	175	9.1	(-)	(-)
Conn	2	1	-78	83	53	-77	40	20.8	-5	32
NY	39	22	-23	21	932	-63	35	23.7	106	-11
NJ	7	38	-11	-3	159	-52	5	23.9	86	-8
Pa	93	53	-9	40	2,793	-38	52	18.9	48	-8
Ohio	118	67	-6	10	2,557	-41	10	26.2	60	0
Ind	102	58	-21	33	2,552	-40	38	22.8	32	-4
Ill	99	56	-36	46	1,585	-50	12	35.6	28	30
Mich	85	48	14	10	1,855	-36	-0	26.0	78	10
Wis	142	81	25	62	3,371	-11	36	23.9	41	19
Minn	256	146	-4	27	4,643	-42	16	31.3	65	9
Iowa	221	126	-3	8	3,597	-32	-1	35.0	43	10
Mo	116	66	-21	70	3,614	-46	82	18.3	46	-7
N Dak	98	56	18	-25	2,104	-34	-8	26.5	79	-18
S Dak	120	68	20	-16	2,444	-26	-10	27.9	63	-7
Nebr	115	65	-25	-2	1,956	-50	-4	33.4	50	2
Kans	77	44	-38	-28	1,787	-62	-9	24.5	64	-21
Del	8	5	-112	-11	55	-40	6	85.5	255	-16
Md	19	11	7	-19	386	-35	-6	27.5	65	-14
DC	NR	(-)	(-)	(-)	NR	(-)	(-)	(-)	(-)	(-)
Va	47	27	9	-32	1,122	-39	-21	23.8	77	-15
W Va	1	1	-62	-56	148	-73	15	4.7	42	-62
NC	169	96	-45	73	2,371	-56	30	40.6	26	33
SC	38	22	-44	-10	494	-66	-18	43.9	64	11
Ga	224	128	-34	27	2,628	-59	6	48.6	62	20
Fla	70	40	7	73	678	-38	12	59.0	72	55
Ky	162	92	-28	39	6,102	-43	45	15.1	26	-4
Tenn	72	41	-42	9	2,679	-55	2	15.3	28	7
Ala	58	33	-37	-1	982	-52	-28	33.7	33	38
Miss	48	27	-46	0	1,697	-65	86	16.0	53	-46
Ark	20	11	-63	-16	276	-78	-31	40.6	66	21
La	18	10	-49	-22	266	-71	-25	38.0	74	4
Okla	97	55	-29	-1	1,961	-55	-12	28.2	58	13
Tex	195	111	-46	5	3,075	-67	-12	36.1	62	19
Mont	31	17	-5	-13	445	-54	-12	39.1	107	-2
Idaho	125	71	-24	32	1,596	-58	28	44.7	81	3
Wyo	19	11	-43	42	255	-70	41	42.4	89	1
Colo	63	36	-42	-5	876	-77	25	41.2	148	-24
N Mex	19	11	-79	62	232	-87	58	47.4	66	3
Ariz	38	22	-36	-35	108	-85	46	200.9	339	-55
Utah	14	8	-47	15	393	-72	36	20.1	85	-16
Nev	4	2	-90	167	30	-93	7	80.0	38	-149
Wash	87	50	-27	15	697	-71	15	71.0	154	-1
Oreg	56	32	-51	-13	681	-71	1	47.1	73	-14
Calif	510	290	-42	29	1,034	-84	64	280.5	260	-22
Alaska	0	0	(-)	(-)	12	-88	300	16.7	(-)	(-)
Hawaii	0	0	-64	0	19	0	58	5.3	-64	-37

Notes: Numbers were rounded after calculations were performed.

Figures for 1978 differ from census figures, reflecting the exclusion here of farms with sales under \$2,500.

(-): Cannot be calculated from census materials.

NR: Not reported on by Census Bureau.

Sources: U.S. Department of Commerce, Bureau of the Census, Census of Agriculture, 1969, 1974, and 1978; and authors' calculations.

is a huge industry, exceeding in sales all the other classes of farms on the national level. In 1978, nationwide sales were over \$37 billion from 730,400 farms (Table 2.7). Real sales had declined from \$20 billion in 1969 to \$17 billion in 1974, probably because of a shift of farms and production away from livestock and into cash grain. Real sales then rose over 27 percent between 1974 and 1978. The number of livestock farms nationwide and in Minnesota fluctuated widely but followed the same pattern, dropping sharply in the earlier period, then increasing rapidly in the next period.

With almost 24,000 livestock farms in Minnesota, they outnumbered every other kind of farm in the state in 1978 except cash grain farms (36,616 farms). With a product of \$1.2 billion in 1978, livestock farms were in this respect also second only to cash grain farms (\$1.6 bil.). Real product per farm in Minnesota rose faster than in the U.S. in the early period (20 percent in Minnesota vs. 8 percent in the U.S.), then declined less rapidly between 1974 and 1978 (-5 percent in Minnesota, vs. -12 percent nationwide).

Dairy Farms (SIC 024)

Dairy farms are farms that receive 50 percent or more of their total value of farm products sold from the sales of milk and cream. Dairy farm sales nationwide in 1978 were almost \$13 billion from 166,600 farms (Table 2.8). Real product was virtually unchanged between 1969 and 1978, although the number of dairy farms dropped steadily, down 25 percent in the 1969-74 period and 15 percent more between 1974 and 1978: as the number of dairy farms declined, real product per farm nationwide rose 29 percent in the 1969-74 period and 18 percent in the 1974-78 period.

Table 2.7.--Changes in SIC 021, 027: Livestock Farms, except Poultry, Dairy, and Animal Specialty, and Animal Specialty Farms, 1969-1978, Minnesota and Other States

State	Product (farms with sales of \$2,500 or more)				Number of Farms (with sales of \$2,500 or more)			Real Product Per Farm (with Sales \$2,500 or more)		
	1978 (mil.)	1972 (millions, dollars)	Percent Change in Real Product		1978	Percent Change		1978 (000)	Percent Change	
			1969- 1974	1974- 1978		1969- 1974	1974- 1978		1969- 1974	1974- 1978
U.S.	\$37,461	\$21,315	-16%	27%	730,400	-22%	45%	\$29.2	8%	-12%
Maine	7	4	60	28	662	40	109	6.2	15	-39
NH	6	3	33	60	440	44	119	7.3	-7	-27
Vt	11	6	36	43	1,142	8	251	5.3	25	-59
Mass	26	15	72	69	770	37	118	18.8	26	-23
RI	1	1	17	-14	105	27	123	5.7	-8	-62
Conn	8	5	13	31	564	34	91	8.2	-15	-31
NY	109	62	25	28	5,822	10	77	10.7	13	-28
NJ	26	15	24	20	1,040	46	70	14.3	-15	-29
Pa	331	189	-3	42	11,919	-5	62	15.8	2	-12
Ohio	619	352	-30	14	19,909	-35	41	17.7	8	-19
Ind	918	522	-27	16	20,993	-34	23	24.9	10	-6
Ill	1,650	939	-31	14	24,998	-34	13	37.6	5	0
Mich	343	195	-9	22	10,140	-22	31	19.3	17	-7
Wis	527	300	2	38	15,299	-9	42	19.6	12	-3
Minn	1,246	709	-17	29	23,664	-30	36	30.0	20	-5
Iowa	484	2,742	-21	17	56,275	-34	13	48.7	19	3
Mo	1,543	878	-31	33	59,196	-24	42	14.8	-10	-6
N Dak	346	197	-29	30	8,672	-37	39	22.7	14	-7
S Dak	1,237	704	-12	1	20,244	-22	0	34.8	13	1
Nebr	3,317	1,887	-17	27	28,184	-25	8	67.0	11	17
Kans	3,442	1,958	-4	58	29,671	-34	44	66.0	46	10
Del	11	6	78	31	279	-15	108	22.6	108	-37
Md	77	44	-13	68	2,914	-5	79	15.0	-9	-6
DC	NR	(-)	(-)	(-)	NR	(-)	(-)	(-)	(-)	(-)
Va	305	173	-10	34	16,616	-2	63	10.4	-8	-18
W Va	76	43	-32	87	6,936	-7	98	6.2	-27	-5
NC	338	192	21	55	11,006	-1	72	17.5	22	-10
SC	95	54	-13	49	5,640	-2	86	9.5	-12	-20
Ga	369	210	-19	35	15,271	-15	69	13.8	-5	-20
Fla	338	192	-19	65	9,971	3	94	19.3	-22	-15
Ky	569	324	-29	68	24,823	-16	47	13.0	-15	14
Tenn	394	224	-33	62	28,536	-18	70	7.9	-19	-5
Ala	271	154	-25	43	16,402	-11	71	9.4	-15	-17
Miss	198	113	-31	40	13,578	-8	56	8.3	-25	-10
Ark	252	143	-6	79	19,444	5	101	7.4	-10	-11
La	104	59	-29	30	8,185	-4	73	7.2	-26	-25
Okla	1,535	873	-18	63	40,081	-25	74	21.8	9	-6
Tex	4,696	2,672	3	31	86,677	-14	61	30.8	20	-19
Mont	653	371	-24	19	11,156	-24	29	33.3	0	-8
Idaho	644	366	-14	40	7,977	-17	42	45.9	4	-1
Wyo	437	249	-28	48	5,041	-17	13	49.3	-13	31
Colo	1,886	1,073	-7	25	11,781	-23	38	91.1	21	-9
N Mex	530	302	-16	29	5,860	1	26	51.5	-17	3
Ariz	525	299	1	-17	2,466	4	39	121.1	-3	-40
Utah	204	116	-17	24	5,400	-4	37	21.5	-14	-10
Nev	126	71	-15	25	1,270	-2	34	56.2	-13	-7
Wash	399	227	-14	36	7,983	-12	83	28.5	-2	-26
Oreg	388	221	-16	41	9,950	-4	75	22.2	-13	-20
Calif	1,459	830	-16	-5	13,878	6	41	59.8	-21	-33
Alaska	1	0	33	-25	57	55	12	5.3	-14	-33
Hawaii	45	26	-15	-3	496	-2	29	51.8	-13	-25

Notes: Numbers were rounded after calculations were performed.

Figures for 1978 differ from census figures, reflecting the exclusion here of farms with sales under \$2,500.

(-): Cannot be calculated from census materials.

NR: Not reported on by Census Bureau.

Sources: U.S. Department of Commerce, Bureau of the Census, Census of Agriculture, 1969, 1974, and 1978; and authors' calculations.

Table 2.8.--Changes in SIC 024: Dairy Farms, 1969-1978, Minnesota and Other States

State	Product (farms with sales of \$2,500 or more)				Number of Farms (with sales of \$2,500 or more)			Real Product Per Farm (with Sales \$2,500 or more)		
	1978 (mil.)	1972 (millions, dollars)	Percent Change in Real Product		1978	Percent Change		1978 (000)	Percent Change	
			1969- 1974	1974- 1978		1969- 1974	1974- 1978		1969- 1974	1974- 1978
U.S.	\$12,547	\$7,139	-3%	0%	166,600	-25%	-15%	\$42.9	29%	18%
Maine	76	43	4	-4	1,097	-12	-10	39.4	18	6
NH	41	23	-9	-7	536	-26	-14	42.9	23	9
Vt	238	136	-3	2	3,185	-16	-6	42.6	16	8
Mass	68	39	-14	-10	804	-27	-12	47.9	18	2
RI	6	3	-12	-23	91	-20	-23	37.4	10	0
Conn	68	39	-14	-10	643	-28	-19	60.3	20	11
NY	1,127	641	-6	1	15,374	-21	-11	41.7	19	13
NJ	59	34	-31	-10	590	-37	-20	56.8	10	13
Pa	875	498	-4	-0	13,969	-18	-11	35.6	17	12
Ohio	441	251	-11	-7	7,433	-30	-16	33.7	27	11
Ind	193	110	-11	-17	2,974	-31	-27	36.9	29	14
Ill	234	133	-23	-12	3,193	-34	-27	41.8	17	21
Mich	500	284	-7	-0	6,983	-32	-18	40.7	37	22
Wis	2,197	1,250	-0	10	41,124	-15	-12	30.4	18	25
Minn	850	484	-7	-8	17,776	-25	-23	27.2	25	19
Iowa	271	154	-14	-22	4,453	-29	-33	34.6	20	15
Mo	260	148	-11	5	4,606	-36	-12	32.1	40	19
N Dak	74	42	5	0	1,378	-24	-3	30.4	38	4
S Dak	117	67	14	-21	2,113	-11	-29	31.5	27	11
Nebr	94	54	7	-24	1,288	-14	-39	41.5	24	24
Kans	132	75	-14	-18	1,817	-32	-24	41.3	27	8
Del	13	8	-15	-3	162	-36	-3	46.9	32	0
Md	167	95	-3	-8	1,679	-23	-19	56.8	26	13
DC	NR	(-)	(-)	(-)	NR	(-)	(-)	(-)	(-)	(-)
Va	218	124	-2	1	2,289	-28	-13	54.1	36	16
W Va	40	23	-10	-3	636	-34	-19	36.2	37	19
NC	171	97	-4	-3	1,536	-30	-13	63.2	38	12
SC	60	34	-8	-9	393	-40	-5	86.5	52	-4
Ga	158	90	-7	11	1,051	-40	14	85.5	56	-3
Fla	248	141	23	-16	503	-20	15	280.9	54	-27
Ky	233	133	-5	-3	4,626	-35	-11	28.7	47	10
Tenn	211	120	-6	-5	3,304	-39	-20	36.3	54	20
Ala	74	42	-21	-14	688	-47	4	61.3	49	-10
Miss	94	53	-26	-5	1,209	-52	-10	44.1	57	5
Ark	70	40	-10	7	1,196	-43	11	33.1	56	-4
La	117	67	-7	-7	1,227	-22	-15	54.3	18	9
Okla	112	63	-22	-2	1,512	-40	2	41.9	30	-4
Tex	385	219	-11	11	3,005	-33	9	72.9	33	2
Mont	29	17	-5	4	288	-29	-5	57.3	34	10
Idaho	164	93	13	13	1,996	-25	-19	46.7	50	40
Wyo	11	6	4	-11	155	-22	-20	41.3	33	11
Colo	92	53	-10	6	697	-28	-6	75.5	24	13
N Mex	53	30	10	28	138	-15	-10	220.3	28	42
Ariz	102	58	31	18	171	-12	10	340.4	50	7
Utah	102	58	14	10	1,059	-20	-13	54.6	43	27
Nev	19	11	20	3	67	-28	-3	158.2	67	6
Wash	284	162	13	20	1,768	-26	-7	91.4	52	29
Oreg	120	68	10	10	1,097	-27	-3	62.2	50	14
Calif	1,254	714	24	10	2,701	-21	-11	264.2	58	25
Alaska	2	1	-5	-30	18	-39	-10	77.8	57	-22
Hawaii	24	14	8	-9	25	-23	-19	556.0	39	13

Notes: Numbers were rounded after calculations were performed.

Figures for 1978 differ from census figures, reflecting the exclusion here of farms with sales under \$2,500.

(-): Cannot be calculated from census materials.

NR: Not reported on by Census Bureau.

Sources: U.S. Department of Commerce, Bureau of the Census, Census of Agriculture, 1969, 1974, and 1978; and authors' calculations.

Minnesota matched the national trends closely. The 17,776 Minnesota dairy farms in 1978 were over 10 percent of the national total. Only Wisconsin had more dairy farms. Sales in Minnesota were \$850 million in 1978. Real sales had dropped moderately in both the 1969-74 and 1974-78 periods, while the number of dairy farms declined 25 percent, then by another 23 percent -- not far off the national pattern. Real product per farm in Minnesota, at \$27,200 in 1978, was quite a bit below the U.S. average of \$42,900.

Dairy product prices and therefore dairy farm revenues are maintained by federal price support programs so that high volumes of production do not cause prices to drop. Any change in price support programs, up or down, has direct consequences for the economics of dairy farming and the local communities that depend on it.

Poultry and Egg Farms (SIC 025)

Poultry and egg farms occur throughout the country, but 50 percent of the sales are concentrated in Arkansas, Georgia, North Carolina, Alabama, Mississippi, and California. U.S. sales were almost \$9 billion in 1978. Real sales rose somewhat in both the 1969-74 and 1974-78 periods. Meanwhile, the number of farms dropped, first by 26 percent, then by another 2 percent, to 41,900 in 1978 (Table 2.9). These changes pushed real product per farm up to \$119,600 in 1978 -- the highest average for any class of farm.

Minnesota's real sales of \$175 million in 1978 ranked the state ninth in the nation. Real sales rose rapidly in the 1969-74 period -- 38 percent -- while the number of farms in the state dropped 24 percent. This period of technological change in the industry created a smaller number of much larger operations so that by 1978 the average Minnesota poultry and

Table 2.9.--Changes in SIC 025: Poultry and Egg Farms, 1969-1978, Minnesota and Other States

State	Product (farms with sales of \$2,500 or more)				Number of Farms (with sales of \$2,500 or more)			Real Product Per Farm (with Sales \$2,500 or more)		
	1978		Percent Change		Percent Change			Percent Change		
	(millions, 1978		in Real Product		1969- 1974-			1969- 1974-		
	(mil.)	dollars)	1974	1978	1978	1974	1978	1978	1974	1978
U.S.	\$8,806	\$5,011	7%	6%	41,900	-26%	-2%	\$119.6	44%	8%
Maine	205	116	16	-2	595	-34	-10	195.6	75	9
NH	18	10	2	-22	92	-46	-18	112.0	90	-5
Vt	6	4	91	-45	40	-6	-23	90.0	102	-28
Mass	19	11	-35	-41	157	-53	-16	67.5	39	-30
RI	3	2	-31	-28	22	-50	-33	81.8	39	8
Conn	65	37	-13	1	285	-46	-6	130.2	61	8
NY	105	60	-18	-28	510	-44	-12	117.5	48	-18
NJ	17	10	-44	-46	218	-54	-21	45.2	20	-32
Pa	351	199	16	17	1,515	-36	-4	131.6	81	22
Ohio	155	88	-3	-10	1,033	-34	-10	85.2	47	1
Ind	243	138	7	1	1,256	-34	13	110.1	63	-11
Ill	76	43	6	-22	380	-23	-25	113.7	38	4
Mich	80	46	5	-19	409	-44	-22	111.2	85	5
Wis	116	66	15	3	392	-32	-16	168.6	69	23
Minn	307	175	38	7	947	-24	2	184.7	80	5
Iowa	141	80	35	-3	595	-22	-8	134.3	74	6
Mo	184	105	18	8	923	-19	3	113.3	46	4
N Dak	9	5	-22	16	62	-32	9	80.6	15	7
S Dak	20	11	5	-7	103	-33	-24	108.7	56	22
Nebr	30	17	54	-18	110	-21	-16	155.5	95	-2
Kans	26	15	-19	-6	152	-41	-14	98.7	36	10
Del	207	118	15	6	1,046	-9	4	112.4	27	2
Md	296	168	14	14	1,651	-15	18	102.0	33	-3
DC	NR	(-)	(-)	(-)	NR	(-)	(-)	(-)	(-)	(-)
Va	223	127	33	13	998	-23	2	127.0	74	11
W Va	37	21	-9	6	254	-43	-15	81.9	58	24
NC	787	448	8	27	4,068	-25	12	110.1	43	14
SC	140	80	-3	17	565	-28	4	141.2	35	12
Ga	883	502	-3	12	5,100	-31	-2	98.5	40	14
Fla	230	131	5	-4	927	-8	5	141.2	14	-9
Ky	25	15	-15	-16	181	-41	-23	80.1	44	9
Tenn	105	60	-10	4	757	-31	-11	78.9	31	16
Ala	674	383	8	14	4,320	-17	-8	88.8	30	24
Miss	396	225	8	10	1,944	-12	1	115.9	22	9
Ark	962	548	18	12	5,587	-4	2	98.0	22	10
La	125	71	5	32	505	-28	10	140.6	47	21
Okla	102	58	34	37	697	-12	48	83.1	53	-8
Tex	428	244	-1	3	1,621	-36	-14	150.3	55	20
Mont	6	4	23	-27	30	-53	-6	120.0	160	-22
Idaho	11	6	6	-17	48	-55	9	125.0	133	-24
Wyo	0	0	(-)	(-)	6	-40	-33	16.7	(-)	(-)
Colo	58	33	40	9	95	-26	6	345.3	88	4
N Mex	10	6	-40	93	12	-56	-29	466.7	39	174
Ariz	7	4	-57	-13	20	-66	-9	210.0	25	-4
Utah	55	31	14	-3	131	-30	-31	238.2	63	39
Nev	0	0	(-)	(-)	5	-33	150	20.0	(-)	(-)
Wash	76	43	-11	-7	216	-45	-13	200.9	60	7
Oreg	59	34	-6	-3	192	-44	-12	174.5	70	9
Calif	712	405	4	-9	1,126	-37	-12	359.7	65	4
Alaska	0	0	33	-50	4	0	-33	50.0	33	-25
Hawaii	18	10	18	-17	44	-42	-10	229.5	104	-7

Notes: Numbers were rounded after calculations were performed.

Figures for 1978 differ from census figures, reflecting the exclusion here of farms with sales under \$2,500.

(-): Cannot be calculated from census materials.

NR: Not reported on by Census Bureau.

Sources: U.S. Department of Commerce, Bureau of the Census, Census of Agriculture, 1969, 1974, and 1978; and authors' calculations.

egg farm had a real product of \$184,700 -- much higher than the U.S. average, but well short of the gigantic operations of some other states.

Agricultural Services (SIC 07)

Nationwide receipts in agricultural services in 1978 were over \$7 billion. Real receipts (in 1972 dollars) rose from \$2.3 billion in 1969 to \$2.6 billion in 1974, and then rose by over 56 percent to \$4.1 billion in 1978. Employment is seasonal and includes many part-time workers, especially during the peak activity of planting and harvest times. Over the decade, employment nationwide rose faster than real product (receipts), so productivity as measured by real receipts per employee declined (Table 2.10).

The industry in Minnesota followed the U.S. industry in most respects. Receipts in Minnesota were \$108 million in 1978, and employment reached almost 9,000. Real receipts per employee at \$6,900 in 1978 were quite a bit above the U.S. average, but they had declined dramatically during the two preceding census intervals. The rapid drop in real receipts per employee seems largely attributable to the fast growth of part-time workers.

Table 2.10.--Changes in SIC 07: Agricultural Services, 1969-1978, Minnesota and Other States

State	Receipts				Number of Employees			Real Receipts per Employee		
	1978 (mil.)	1972 (millions, dollars)	Percent Change in Real Receipts		1978	Percent Change		1978 (000)	Percent Change	
			1969- 1974	1974- 1978		1969- 1974	1974- 1978		1969- 1974	1974- 1978
U.S.	\$7,251	\$4,126	13%	56%	993,557	18%	98%	\$4.2	-5%	-21%
Maine	20	12	-3	29	2,332	-6	65	4.9	-3	-22
NH	16	9	-44	18	1,588	30	52	5.7	-57	-22
Vt	17	10	81	48	1,329	61	60	7.2	12	-8
Mass	114	65	18	31	10,841	18	62	6.0	-1	-19
RI	15	9	31	12	1,908	35	51	4.5	-4	-26
Conn	88	50	40	24	7,802	17	55	6.4	20	-20
NY	316	180	12	16	24,463	27	40	7.3	-12	-17
NJ	173	98	37	32	15,598	39	74	6.3	-1	-24
Pa	253	144	11	-8	20,308	-46	56	7.1	107	-41
Ohio	242	138	-9	29	21,260	25	50	6.5	-27	-14
Ind	104	59	-4	79	12,394	50	159	4.8	-36	-31
Ill	264	150	-15	97	24,618	12	159	6.1	-25	-24
Mich	175	100	7	46	16,007	21	67	6.2	-11	-13
Wis	112	64	-12	36	9,065	32	69	7.0	-33	-19
Minn	108	62	2	89	8,998	61	111	6.9	-37	-10
Iowa	103	59	-11	50	8,462	-11	127	6.9	0	-34
Mo	103	59	5	43	10,850	31	108	5.4	-20	-31
N Dak	20	11	34	92	1,567	15	168	7.2	16	-29
S Dak	22	12	0	43	1,799	19	135	6.9	-16	-39
Nebr	69	39	6	61	4,989	27	112	7.8	-17	-24
Kans	73	42	-62	71	6,078	-4	130	6.8	-60	-26
Del	12	7	35	5	1,372	29	49	5.0	5	-30
Md	113	64	40	36	11,181	65	80	5.7	-15	-24
DC	5	3	-24	12	668	-17	155	4.3	-8	-56
Va	110	63	38	73	10,875	69	104	5.7	-19	-15
W Va	18	10	38	55	1,641	112	71	6.2	-35	-10
NC	108	61	6	57	12,300	62	91	5.0	-35	-18
SC	51	29	35	61	5,517	-11	110	5.3	52	-23
Ga	105	60	19	39	10,083	84	52	5.9	-36	-9
Fla	687	391	40	46	144,314	52	66	2.7	-8	-12
Ky	80	45	-3	118	6,556	-15	153	6.9	13	-14
Tenn	77	44	-25	137	8,288	-5	175	5.3	-21	-14
Ala	61	35	-21	48	5,963	58	57	5.9	-50	-6
Miss	79	45	12	44	8,799	36	68	5.1	-17	-14
Ark	83	47	20	42	8,541	41	59	5.5	-15	-11
La	86	49	17	57	7,453	33	87	6.5	-12	-16
Okla	79	45	-41	137	7,272	3	180	6.1	-42	-15
Tex	506	288	-41	111	74,703	4	184	3.9	-43	-26
Mont	22	13	-24	108	1,588	80	123	8.0	-58	-7
Idaho	59	34	7	127	4,965	-7	244	6.8	15	-34
Wyo	9	5	-27	108	863	53	117	6.0	-52	-4
Colo	108	62	15	71	12,516	69	134	4.9	-32	-27
N Mex	31	18	-23	50	4,783	-4	161	3.7	-20	-43
Ariz	167	95	10	50	27,817	42	53	3.4	-22	1
Utah	25	14	-38	180	2,445	164	212	5.8	-76	-10
Nev	21	12	9	97	2,267	127	198	5.4	-52	-34
Wash	180	103	6	90	17,005	12	102	6.0	-5	-6
Oreg	83	47	6	62	9,520	6	115	5.0	0	-25
Calif	1,839	1,046	83	71	369,362	8	119	2.8	70	-22
Alaska	5	3	225	108	245	364	140	11.0	-30	-14
Hawaii	38	21	140	86	2,399	181	49	8.9	-15	25

Note: Numbers were rounded after calculations were performed.

Sources: U.S. Department of Commerce, Bureau of the Census, Census of Agriculture, 1969, 1974, and 1978; and authors' calculations.

Finance, Insurance, and Real Estate
Industries, 1967-1980

This sector grew rapidly after World War II, but it is hard to describe the activities of its industries and to evaluate their contribution to the economic life of the state of Minnesota. U.S. Census Bureau coverage of the sector is recent and incomplete. Some of the sector's industries are regulated by state and federal bureaus that require annual reporting of activity, but the reporting requirements differ so much from state to state and from industry to industry that it is difficult to combine the reports into useful profiles. The data we selected for analysis of the sector are drawn from surveys conducted by the Bureau of Economic Analysis (which, like the Census Bureau, is part of the U.S. Department of Commerce); these data concern employment and wage and salary earnings.

Table 2.11.--Earnings (Wages and Salaries) and Employment in Finance, Insurance and Real Estate, U.S. and Minnesota, 1980

	Earnings (millions)		Employment (thousands)	
	U.S.	MN	U.S.	MN
SIC 60: Banking	\$24,603	\$435	1,577	28.4
61: Credit Agencies other than Banks	8,824	156	572	9.5
62: Security and Commodity Brokers, Dealers, Exchanges and Services	9,297	177	224	4.5
63: Insurance Carriers	22,893	473	1,274	26.6
64: Insurance Agents, Brokers, and Services	12,182	252	451	8.6
65: Real Estate Industry	17,577	298	1,040	17.5
66: Combinations of Real Estate, Insurance, Loans, and Law Offices	461	3	21	.2
67: Holding and Other Investment Companies	2,104	31	110	1.6

Source: U.S. Dept. of Commerce, Bureau of Economic Analysis, Regional Economic Information System, Annual Employment and Personal Income for States, 1967-1980.

The eight industries of the sector comprise four size classes of two each (Table 2.11). The banking industry and the insurance industry are the sector's leading employers and sources of earnings. The real estate industry and the independent insurance agents and brokers follow. Next are the security and commodity dealers and the credit agencies other than

banks, such as credit unions and savings and loan associations. Firms that offer a combination of real estate, insurance, and loan services, and holding companies constitute two important industries that are nonetheless small in terms of employment and earnings.

In general these industries expand at locations where the population is growing. A population that increasingly used credit during the 1970s kept the consumer demand for credit and other financial services high. In the same growing locations, businesses increasingly used credit to finance expansion and to purchase new equipment and inventories during the decade.

The labor force is overwhelmingly a white-collar one in these industries. In general, employment rose much faster than real earnings, so real earnings per employee (in constant 1972 dollars) dropped in most industries, nationally and in Minnesota, after 1967 (Table 2.12).

Banking Industry (SIC 60)

Earnings in the banking industry nationwide rose from \$6 billion in 1967 to \$25 billion in 1980 (Table 2.13). Real wage and salary earnings (in constant 1972 dollars) rose 49 percent during the 1967-77 period but slowed to a 7 percent gain in the 1977-80 period. Real earnings per employee dropped to \$6,900 in 1980 nationwide and \$6,800 in Minnesota.

There were 15 states that exceeded Minnesota's 1980 wage and salary earnings in banking, with New York, California, Illinois and Texas alone having 42 percent of the U.S. total. The older settled areas of the country and the recent boom regions have the largest concentrations of banking activity and of earnings from banking (Figure 2.1).

There were only seven states that had increases in real earnings per employee in the 1967-77 period (Table 2.13). In the 1977-80 period no state had an increase in real earnings per employee, but 16 states declined

Table 2.12.--Finance, Insurance, and Real Estate Industries: Change in Real Earnings and Real Earnings Per Employee, 1967-1980

Industry Group*		Percent Change in			
		Real Earnings		Real Earnings Per Employee	
		1967-77	1977-80	1967-77	1977-80
SIC 60: Banking	US	49%	7%	-5%	-8%
	MN	30	13	-6	-6
63: Insurance Carriers	US	12	2	-7	-7
	MN	29	6	1	-7
65: Real Estate	US	20	8	-17	-5
	MN	37	-0	-36	-10
64: Agents/Brokers/Services	US	40	4	-7	-13
	MN	38	-0	-17	-16
62: Security/Commodity Brokers	US	-8	34	-22	10
	MN	-3	29	-30	16
61: Other Credit Agencies	US	32	10	-5	-8
	MN	39	9	-7	-4
66: Combinations	US	-52	-37	-26	-16
	MN	-87	-17	4	-59
67: Holding Companies	US	117	-17	-11	-33
	MN	53	-23	-8	-37

*Listed in order of importance, in terms of employment and earnings.

Sources: U.S. Dept. of Commerce, Bureau of Economic Analysis, Regional Economic Information System, Annual Employment and Personal Income for States, 1967-1980; and authors' calculations.

Table 2.13.--Changes in SIC 60: Banking Industry, 1967-1980, Minnesota and Other States

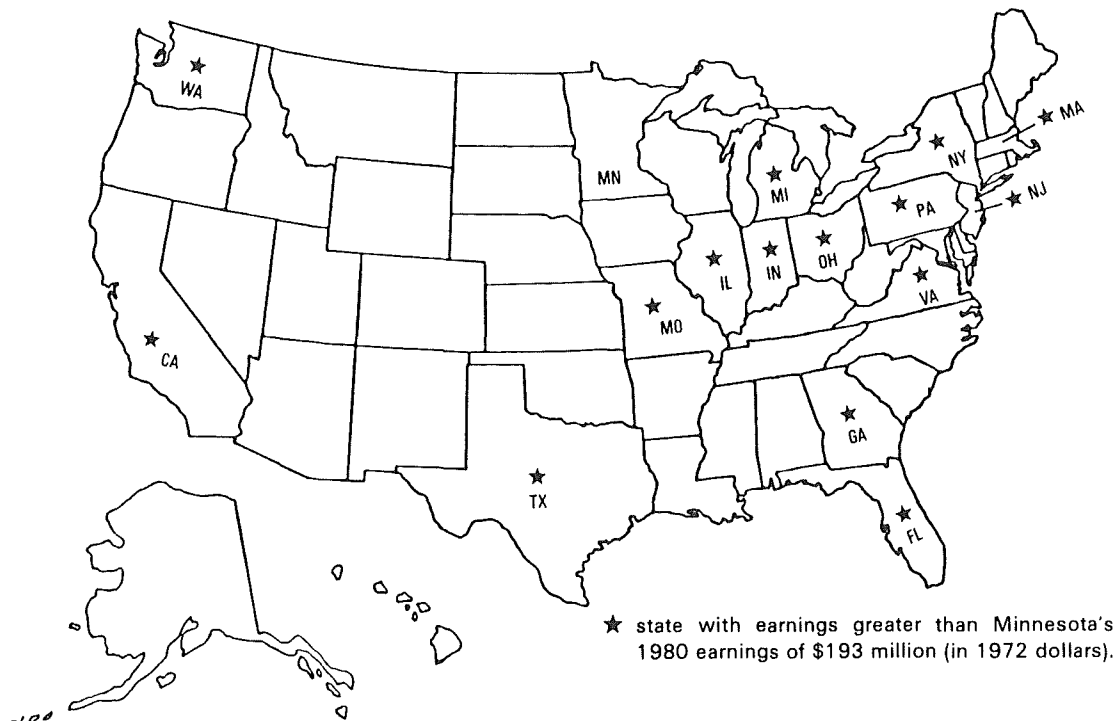
State	Earnings (wages and salaries, in millions)			Percent Change in Real Earnings		Employment 1980 (000)	Real Earnings Per Employee % Change		
	1972	1980	1980 (in 1972 dollars)	1967- 1977	1977- 1980		1980 (000)	1967- 1977	1977- 1980
U.S.	\$9,900	\$24,600	\$10,900	49%	7%	1,577	\$6.9	-5%	-8%
Maine	37	86	38	48	4	6.8	5.6	-3	-9
NH	28	77	34	55	13	5.9	5.7	-11	-10
Vt	19	47	21	52	7	3.6	5.7	-10	-11
Mass	402	730	323	29	-4	48.0	6.7	20	-8
RI	44	113	50	56	8	7.6	6.6	-2	-6
Conn	159	377	167	41	7	26.0	6.4	-10	-9
NY	1,943	4,337	1,922	45	2	219.3	8.8	7	-10
NJ	296	617	274	40	-2	45.0	6.1	-11	-11
Pa	529	1,200	532	36	2	79.0	6.7	-4	-7
Ohio	326	825	366	36	3	58.6	6.2	-9	-8
Ind	188	455	202	37	4	32.4	6.2	-12	-8
Ill	606	1,502	666	47	4	91.4	7.3	-2	-9
Mich	344	813	360	35	5	54.3	6.6	-6	-7
Wis	159	367	162	37	3	26.4	6.2	-10	-9
Minn	171	435	193	30	13	28.4	6.8	-6	-6
Iowa	116	270	120	32	2	18.1	6.6	-7	-6
Mo	208	474	210	27	3	33.2	6.3	-7	-8
N Dak	24	63	28	37	6	4.2	6.6	-5	-6
S Dak	28	70	31	29	4	4.9	6.4	-8	-7
Nebr	70	162	72	35	2	10.6	6.8	-7	-5
Kans	91	230	102	42	4	15.4	6.6	-11	-6
Del	33	70	31	(-)	(-)	4.6	6.8	(-)	(-)
Md	126	326	144	67	2	24.2	6.0	-4	-13
DC	71	169	75	(-)	(-)	8.9	8.4	(-)	(-)
Va	174	446	198	51	13	33.6	5.9	-8	-9
W Va	47	130	58	65	5	9.6	6.0	-10	-8
NC	182	422	187	64	2	29.9	6.2	-2	-8
SC	69	183	81	79	9	13.8	5.9	-8	-7
Ga	198	437	194	53	5	30.5	6.3	-8	-9
Fla	278	757	335	78	12	56.2	6.0	-8	-10
Ky	95	277	123	68	9	20.1	6.1	5	-16
Tenn	143	365	162	71	4	26.2	6.2	-4	-7
Ala	103	269	119	65	2	20.0	5.9	-8	-9
Miss	62	169	75	60	5	12.3	6.1	-12	-7
Ark	61	164	71	66	1	11.8	6.2	-8	-8
La	119	357	158	58	19	24.2	6.5	-10	-3
Okla	105	306	136	47	17	19.6	6.9	-10	-2
Tex	458	1,370	607	63	17	87.0	7.0	-7	-4
Mont	30	79	35	36	7	5.4	6.5	-14	-6
Idaho	29	89	40	82	8	6.2	6.4	10	-18
Wyo	16	51	18	63	19	3.3	6.9	-15	-4
Colo	106	302	134	64	18	19.6	6.8	-10	-4
N Mex	34	95	42	64	10	7.0	6.0	-14	-6
Ariz	104	285	126	101	15	18.5	6.8	-5	-5
Utah	40	121	54	77	12	9.0	5.9	-7	-6
Nev	26	74	33	69	18	5.2	6.3	4	-6
Wash	152	454	201	65	14	28.4	7.1	-2	-5
Oreg	97	247	109	40	14	17.3	6.3	-1	-11
Calif	1,100	3,184	1,411	61	17	196.0	7.2	-4	-8
Alaska	17	58	26	192	-16	2.8	9.0	0	-9
Hawaii	39	98	44	83	3	6.4	6.8	2	-12

Note: Numbers were rounded after calculations were performed.

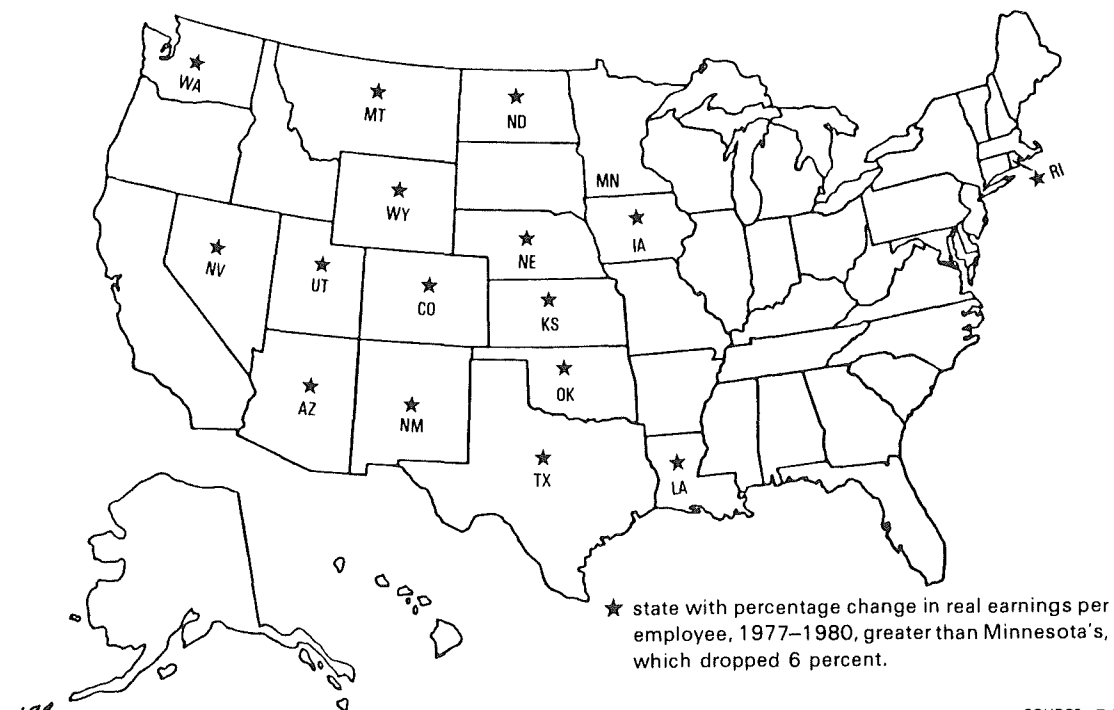
(-): Cannot be calculated from census materials.

Sources: U.S. Department of Commerce, Bureau of Economic Analysis, Regional Economic Information System, Annual Employment and Personal Income for States, 1967-1980; and authors' calculations.

Banking (SIC 60) : Earnings, by State, 1980



Banking (SIC 60) : Percentage Change in Real Earnings per Employee, 1977-1980



SOURCE : Table 2.13

Figure 2.1 – Earnings in the banking industry.

less than Minnesota's 6 percent drop (Figure 2.1). Real earnings per employee in 1980 varied from a high of \$9,049 in Alaska to a low of \$5,566 in Maine.

Credit Agencies Other than Banks (SIC 61)

The non-bank credit industry includes such types of enterprises as savings and loan associations, agricultural credit institutions, credit unions, mortgage bankers, and loan offices. The industry grew fast after 1967 in response to heavy demand for consumer credit coupled with much larger supplies of loanable funds made available to credit agencies by financial intermediaries. Earnings rose from \$2 billion in 1967 to \$9 billion in 1980 (Table 2.14). Real earnings nationally rose about 32 percent in the decade between 1967 and 1977, then 10 percent more in the three-year period 1977-80 -- about the same rate of growth. Minnesota's real earnings growth in this industry was a bit faster than the nation's in the early period (39 percent) but slower in the later period (9 percent). Since employment rose so much faster than real earnings, real earnings per employee dropped to \$6,800 nationally in 1980, and to \$7,200 in Minnesota.

The laws that govern banking and other, non-bank credit organizations are distinctive to each state. Minnesota banking laws are unusual compared to those of many other states in the way they restrict branch banking by established banks. This restriction yields a large number of very small independent banks in the state and may account for the relatively strong position of the non-bank credit agencies. Only four states had changes in real earnings per employee in this industry, 1977-80, that were better than Minnesota's, which was -4 percent.

Table 2.14.--Changes in SIC 61: Credit Agencies Other Than Banks, 1967-1980,
Minnesota and Other States

State	Earnings (wages and salaries, in millions)			Percent Change in Real Earnings		Employment 1980 (000)	Real Earnings Per Employee		
	1972	1980	1980 (in 1972 dollars)	1967- 1977	1977- 1980		1980 (000)	% Change	
								1967- 1977	1977- 1980
U.S.	\$3,375	\$8,824	\$3,910	32%	10%	572	\$6.8	-5%	-8%
Maine	7	14	6	-10	-2	1.2	5.3	-5	-9
NH	6	18	8	10	15	1.4	5.6	-10	-12
Vt	3	6	2	0	0	0.4	5.5	-3	-8
Mass	40	125	55	-11	68	9.2	6.0	-6	-10
RI	11	19	8	-27	6	1.5	5.6	-6	-6
Conn	34	103	46	64	12	6.0	7.6	0	-3
NY	239	459	203	8	-8	26.9	7.6	-7	-12
NJ	96	225	100	31	8	14.9	6.7	-10	-12
Pa	148	320	142	10	-2	22.7	6.2	-2	-10
Ohio	194	430	190	10	5	30.7	6.2	-6	-9
Ind	98	181	80	-4	3	12.0	6.7	-6	-6
Ill	207	538	238	21	10	35.1	6.8	-11	-9
Mich	149	336	149	33	2	20.5	7.2	-1	-9
Wis	57	154	68	53	6	11.3	6.1	-6	-10
Minn	54	156	69	39	9	9.5	7.2	-7	-4
Iowa	39	105	47	30	9	6.9	6.8	-4	-9
Mo	85	191	84	-7	12	12.4	6.8	-10	-5
N Dak	8	26	11	48	16	1.8	6.5	-8	-5
S Dak	6	17	8	23	17	1.2	6.3	-6	-5
Nebr	22	70	31	58	13	4.7	6.6	-6	-8
Kans	37	100	44	39	7	6.8	6.5	-7	-7
Del	6	D	(-)	(-)	(-)	D	(-)	(-)	(-)
Md	65	184	82	33	-1	11.9	6.9	10	-14
DC	35	D	(-)	(-)	(-)	D	(-)	(-)	(-)
Va	58	181	80	75	12	12.4	6.5	-6	-9
W Va	13	27	12	-15	2	2.1	5.6	-12	-7
NC	78	193	86	35	9	13.0	6.6	-1	-7
SC	45	106	47	30	2	7.5	6.2	-16	-8
Ga	105	223	99	25	-2	14.5	6.8	-1	-8
Fla	183	549	243	72	23	37.9	6.4	-7	-12
Ky	46	98	44	11	4	6.8	6.4	1	-10
Tenn	56	128	57	12	-0	8.7	6.5	-0	-9
Ala	46	112	50	24	3	7.9	6.3	-3	-9
Miss	29	71	32	35	-2	5.1	6.2	-1	-9
Ar	18	47	21	52	6	3.2	6.7	-1	-8
La	73	163	72	18	0	11.0	6.6	-9	-7
Okla	43	111	49	26	12	7.4	6.6	-3	-7
Tex	224	631	279	47	15	38.9	7.2	-3	-4
Mont	7	21	9	57	9	1.5	6.1	-17	-7
Idaho	9	30	13	43	15	2.1	6.4	11	-19
Wyo	4	15	6	40	33	1.0	6.8	-7	-3
Colo	52	190	84	79	23	12.1	6.9	-10	-5
N Mex	16	43	19	22	10	3.1	6.1	-14	-7
Ariz	31	107	47	68	23	6.8	6.9	-6	-5
Utah	20	64	28	42	12	4.4	6.4	-6	-6
Nev	9	40	18	38	39	2.5	7.1	-14	-4
Wash	60	180	80	37	16	10.7	7.4	-6	-4
Oreg	32	120	53	61	21	7.5	7.1	11	-19
Calif	449	1,425	632	54	18	85.0	7.4	-8	-8
Alaska	4	16	7	229	1	7.6	9.2	6	-10
Hawaii	20	57	25	98	7	3.9	6.4	4	-14

Note: Numbers were rounded after calculations were performed.

D: Not disclosed by Census Bureau.

(-): Cannot be calculated from census materials.

Sources: U.S. Department of Commerce, Bureau of Economic Analysis, Regional Economic Information System, Annual Employment and Personal Income for States, 1967-1980; and authors' calculations.

Security and Commodity Brokers, Dealers,
Exchanges, and Services (SIC 62)

Compared to the other industries in the sector, this one's employment and earnings are in the third tier of importance. Much of the payments to employees are in the form of commissions earned, so earnings expanded rapidly with the inflation of the later 1970s as well as with the high volume of security and commodity trading and speculation during that period. Earnings nationally were \$9 billion in 1980, up from \$3 billion in 1967 and \$5 billion in 1977 (Table 2.15). Real earnings dropped by about 8 percent nationally between 1967 and 1977 (down 3 percent in Minnesota), but rose by 34 percent 1977-80 (up 29 percent in Minnesota). Although real earnings per employee dropped 22 percent nationally during the 1967-77 period, they rose 10 percent in the 1977-80 period. Minnesota's real earnings per employee figures moved in the same directions as the national industry's, dropping 30 percent in the early period, only to rise 16 percent in the later three-year period.

Minnesota is a major national center in the brokerage and commodity exchange business. Only nine states exceeded the state's real 1980 earnings of \$78 million (Figure 2.2), but the industry is dominated by four giants: New York (\$1,433 mil.), California (\$426 mil.), Illinois (\$375 mil.), and Texas (\$211 mil.). These four states had 60 percent of total U.S. earnings in 1980. There were 23 states that did better than Minnesota in their change in real earnings per employee between 1977 and 1980, perhaps suggesting that Minnesota's strong position in this industry is threatened with erosion.

Table 2.15.--Changes in SIC 62: Security and Commodity Brokers, Dealers, Exchanges and Services, 1967-1980, Minnesota and Other States

State	Earnings (wages and salaries, in millions)			Percent Change in Real Earnings		Employment 1980 (000)	Real Earnings Per Employee		
	1972	1980	1980 (in 1972 dollars)	1967- 1977	1977- 1980		1980 (000)	% Change	
								1967- 1977	1977- 1980
U.S.	\$4,220	\$9,297	\$4,120	-8%	34%	224	\$18.4	-22%	10%
Maine	5	12	5	-12	24	0.3	17.6	-26	32
NH	3	10	4	-8	88	0.2	23.3	-33	30
Vt	3	7	3	64	39	0.1	17.6	-44	34
Mass	129	316	140	-11	29	8.6	16.2	-7	4
RI	8	17	8	-35	45	0.4	20.3	-18	36
Conn	53	121	54	-27	35	2.5	21.4	-44	18
NY	1,653	3,234	1,433	-12	23	89.0	16.1	-13	1
NJ	96	251	111	-11	49	5.5	20.4	-50	18
Pa	152	313	139	-19	26	7.5	18.4	-20	11
Ohio	97	194	86	-15	26	4.6	18.5	-27	21
Ind	30	67	30	-12	40	1.4	20.7	-19	15
Ill	304	846	375	31	33	17.3	21.7	-16	11
Mich	73	142	63	-37	44	3.3	19.1	-36	19
Wis	43	91	40	11	26	2.5	16.2	-29	11
Minn	79	177	78	-3	29	4.5	17.5	-30	16
Iowa	37	50	22	-32	23	1.2	18.6	-60	20
Mo	78	146	65	-10	18	4.4	14.6	-16	4
N Dak	3	12	5	-24	112	0.2	24.3	-43	0
S Dak	5	8	4	-43	76	0.1	27.2	-64	36
Nebr	19	43	19	-3	30	1.0	18.4	-35	20
Kans	22	42	19	-33	42	8.6	21.8	-55	25
Del	8	0	(-)	(-)	(-)	0	(-)	(-)	(-)
Md	36	91	40	6	38	2.1	19.3	-20	15
DC	31	0	(-)	(-)	(-)	0	(-)	(-)	(-)
Va	37	84	37	-13	40	2.3	16.2	-46	14
W Va	4	14	6	-13	74	0.3	21.6	-24	18
NC	31	65	29	-6	46	1.6	18.2	-32	26
SC	16	21	10	-12	42	0.6	16.4	-50	12
Ga	62	130	58	43	37	2.9	19.5	-15	7
Fla	125	357	158	24	57	7.7	20.6	-24	16
Ky	18	40	18	0	42	0.8	20.7	-6	4
Tenn	46	102	45	30	23	2.0	22.7	-27	16
Ala	22	38	17	-17	30	0.8	20.1	-43	15
Miss	13	21	9	-32	53	0.4	24.4	-18	5
Ark	12	37	16	66	9	0.8	21.8	3	-10
La	26	65	29	0	47	1.3	21.9	-24	29
Okla	22	74	33	8	78	1.5	21.8	-49	18
Tex	167	476	211	17	53	8.3	25.3	-30	31
Mont	6	17	7	-16	67	0.3	22.1	-57	20
Idaho	4	13	6	-16	81	0.2	22.5	-40	14
Wyo	3	11	5	50	39	0.1	36.2	-30	43
Colo	42	153	68	30	57	3.0	22.7	-31	13
N Mex	6	15	6	-21	44	0.4	14.9	-50	14
Ariz	23	65	29	20	58	1.3	21.9	-20	13
Utah	15	34	15	0	63	0.7	22.1	-46	29
Nev	7	15	7	-2	72	0.3	23.0	-40	34
Wash	41	124	55	-18	68	2.8	19.3	-46	13
Oreg	29	75	33	-7	58	1.3	24.5	-14	9
Calif	454	962	426	-30	51	21.7	19.6	-33	11
Alaska	2	6	3	57	32	1.1	2.6	-70	-87
Hawaii	10	15	7	-36	20	0.4	15.0	-22	31

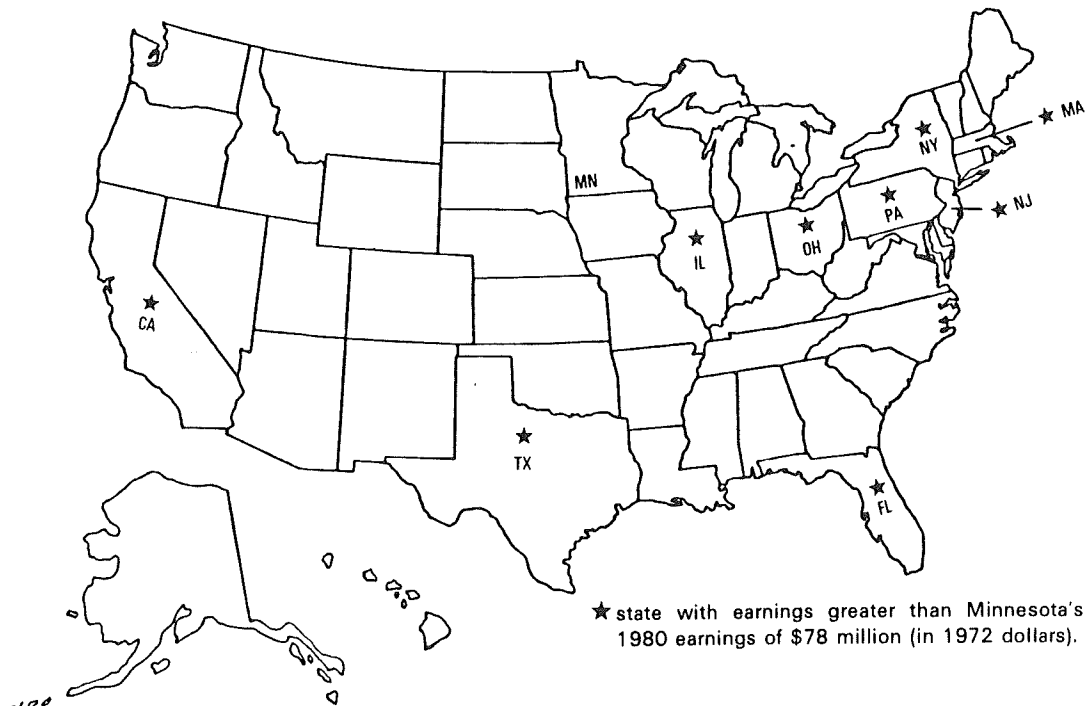
Note: Numbers were rounded after calculations were performed.

D: Not disclosed by Census Bureau.

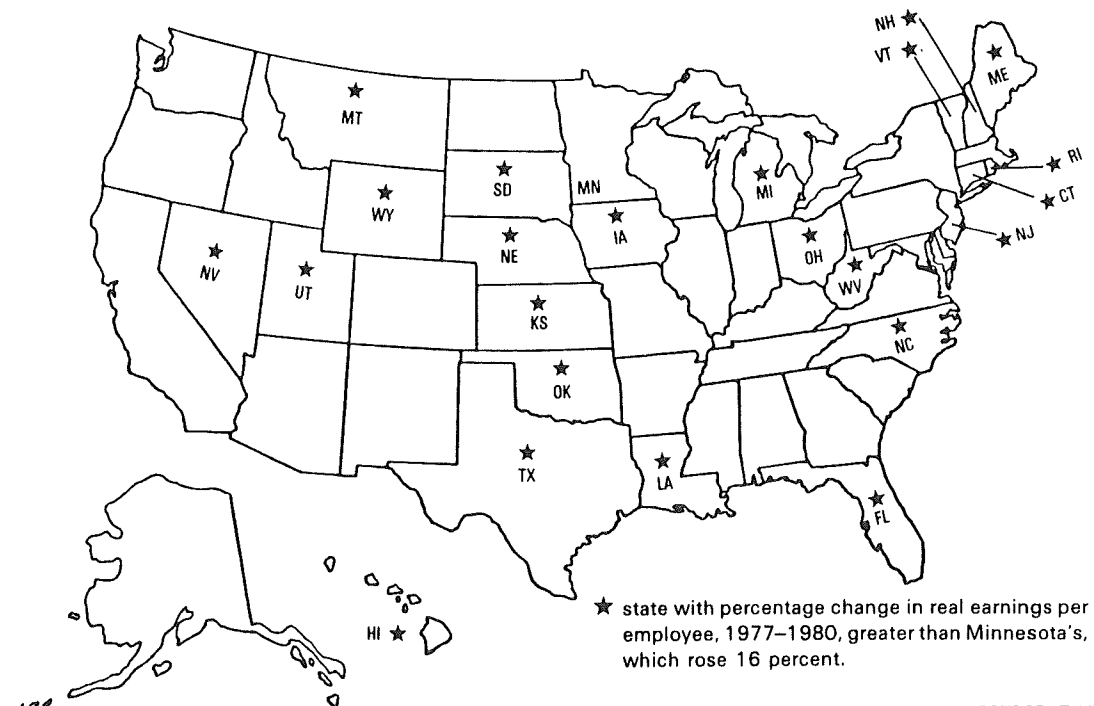
(-): Cannot be calculated from census materials.

Sources: U.S. Department of Commerce, Bureau of Economic Analysis, Regional Economic Information System, Annual Employment and Personal Income for States, 1967-1980; and authors' calculations.

Security and Commodity Brokers, Dealers, Exchanges, and Services
(SIC 62) : Earnings by State, 1980



Security and Commodity Brokers, Dealers, Exchanges, and Services
(SIC 62) : Percentage Change in Real Earnings per Employee,
1977-1980



SOURCE : Table 2.15

Figure 2.2 - Earnings in the security and commodity brokerage industry.

Insurance Carriers (SIC 63)

The insurance industry, with banking, is a leader of this sector of the economy. Earnings in real (1972 constant dollar) terms rose 12 percent nationally between 1967 and 1977 (29 percent in Minnesota), then 2 percent more in the 1977-80 period (6 percent in Minnesota). But again, employment expansions overshoot rises in real earnings, and real earnings per capita were generally down nationally and in Minnesota (Table 2.16).

The industry growth pattern is like that of the banking industry. Older and larger northeastern states plus the boom states of the Sunbelt exceeded Minnesota's real 1980 earnings of \$210 million in this industry (Figure 2.3). The leading states of New York (\$1,096 mil.), California (\$1,085 mil.), Illinois (\$743 mil.), Texas (\$613 mil.), and Pennsylvania (\$573 mil.) accounted for 40 percent of the industry's 1980 nationwide earnings.

There were 20 states that did better than Minnesota in their change in real earnings per employee, 1977 to 1980, but only New Jersey had a (slight) increase in real earnings per employee. The rest had declines. Minnesota's real earnings per employee in 1980 were smaller than the U.S. average, but the difference has diminished through the years, indicating a relative improvement in the Minnesota share of the industry.

Insurance Agents, Brokers, and Services (SIC 64)

Nationwide earnings in this industry were \$12 billion in 1980, ranking it with the real estate industry in the sector's second tier of importance. Real earnings rose by 40 percent nationally in the 1967-77 period (compared to 38 percent in Minnesota), but in the 1977-80 period real earnings were up only 4 percent nationally while they fell slightly in Minnesota (Table

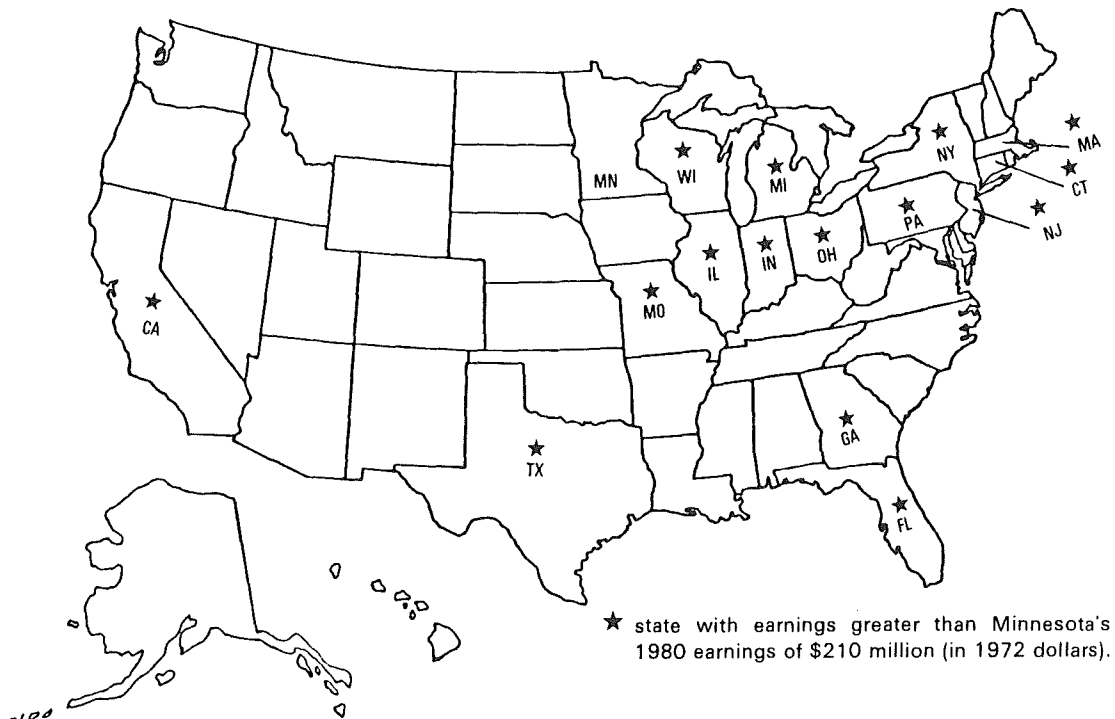
Table 2.16.--Changes in SIC 63: Insurance Carriers, 1967-1980, Minnesota and Other States

State	Earnings (wages and salaries, in millions)			Percent Change in Real Earnings		Employment 1980 (000)	Real Earnings Per Employee		
	1972	1980	1980 (in 1972 dollars)	1967-1977	1977-1980		1980 (000)	% Change	
								1967-1977	1977-1980
U.S.	\$10,249	\$22,893	\$10,144	12%	2%	1,274	\$8.0	-7%	-7%
Maine	35	83	37	38	3	4.7	7.8	1	-3
NH	40	112	50	54	15	7.6	6.6	-7	-8
Vt	18	33	14	8	-7	1.9	7.6	-3	-11
Mass	492	964	427	6	4	52.9	8.1	6	-6
RI	56	125	56	32	-2	7.4	7.5	-7	-8
Conn	420	1,066	472	46	10	5.3	8.9	8	-4
NY	1,404	2,473	1,096	-4	-7	128.8	8.5	2	-8
NJ	445	989	438	13	9	52.9	8.3	-9	0
Pa	585	1,292	573	15	4	73.8	7.8	1	-8
Ohio	446	984	436	16	2	57.4	7.6	-1	-9
Ind	227	509	225	19	2	31.0	7.3	-2	-8
Ill	797	1,676	743	19	0	87.6	8.5	1	-7
Mich	356	750	332	22	-0	38.4	8.7	1	-4
Wis	212	549	243	40	10	32.4	7.5	-3	-8
Minn	193	473	210	29	6	26.6	7.9	1	-7
Iowa	132	269	119	31	-13	16.9	7.0	0	-10
Mo	237	492	218	4	5	28.5	7.7	-1	-5
N Dak	15	34	15	35	-1	2.2	6.9	0	-12
S Dak	13	38	17	43	4	2.3	7.3	3	-5
Nebr	103	257	114	27	6	15.6	7.3	-2	-4
Kans	67	199	88	52	5	12.4	7.1	0	-7
Del	18	47	21	38	14	2.8	7.5	0	-12
Md	194	383	170	24	-4	21.4	7.9	1	-7
DC	54	99	44	-19	-2	5.1	8.7	-0	-7
Va	155	347	154	25	1	20.7	7.4	-2	-9
W Va	36	69	31	12	-6	4.1	7.5	-0	-9
NC	187	402	178	21	4	24.5	7.3	-1	-7
SC	76	175	78	36	1	10.3	7.6	14	-8
Ga	216	524	232	32	6	29.7	7.8	0	-8
Fla	324	791	351	48	4	46.0	7.6	-2	-7
Ky	81	188	83	16	1	11.1	7.5	5	-12
Tenn	163	346	153	23	0	20.4	7.5	0	-7
Ala	127	267	119	23	-4	14.8	8.0	8	-8
Miss	46	116	52	52	-1	7.0	7.4	0	-8
Ark	44	90	40	17	-2	5.3	7.5	0	-4
La	120	266	118	8	15	15.1	7.8	-2	-5
Okla	78	169	75	19	-0	10.0	7.4	1	-6
Tex	518	1,383	613	40	8	79.7	7.7	4	-4
Mont	12	31	14	25	5	1.9	7.0	-4	-9
Idaho	18	52	23	66	6	3.2	7.2	22	-26
Wyo	5	15	7	40	13	1.0	7.2	1	-9
Colo	99	272	121	52	11	15.7	7.7	3	-6
N Mex	19	53	24	29	9	3.2	7.4	-1	-7
Ariz	70	204	90	79	13	12.0	7.5	-6	-6
Utah	28	77	34	38	7	4.8	7.2	-1	-8
Nev	11	24	11	1	20	1.4	7.7	-8	-9
Wash	138	370	164	30	13	21.1	7.8	-4	-6
Oreg	83	227	101	32	10	13.7	7.4	9	-20
Calif	1,030	2,448	1,085	23	6	129.2	8.4	0	-6
Alaska	6	24	11	288	-29	1.0	10.5	6	-22
Hawaii	27	64	28	50	6	3.8	7.4	0	-10

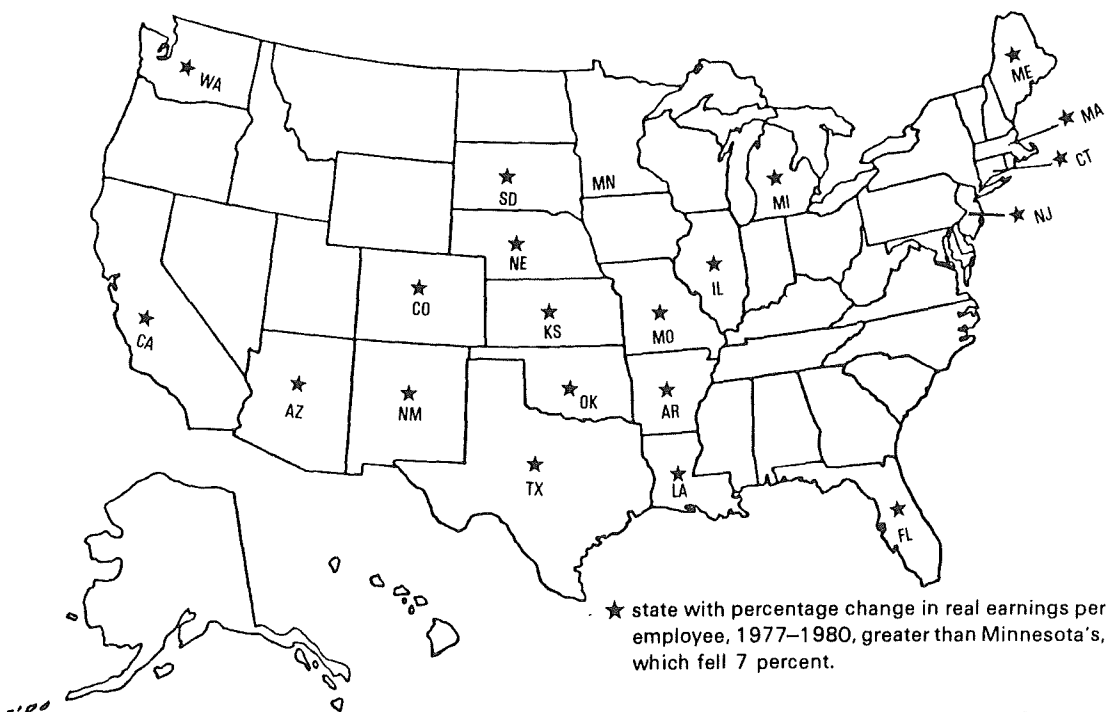
Note: Numbers were rounded after calculations were performed.

Sources: U.S. Department of Commerce, Bureau of Economic Analysis, Regional Economic Information System, Annual Employment and Personal Income for States, 1967-1980; and authors' calculations.

Insurance (SIC 63) : Earnings, by State, 1980



Insurance (SIC 63) : Percentage Change in Real Earnings per Employee, 1977-1980



Source: Table 2.16

Figure 2.3 – Earnings in the insurance industry.

2.17). Because employment rose steadily during both periods, and faster than real earnings in both the U.S. and Minnesota, real earnings per employee slipped in both periods in both cases.

Like the other finance and insurance industries, this one is concentrated in a few states (Figure 2.4). California (\$679 mil.), New York (\$530 mil.), Illinois (\$373 mil.), Texas (\$351 mil.), and Pennsylvania (\$241 mil.) accounted for 40 percent of the industry's real wage and salary payments. There were 31 states that did better than Minnesota in their change in real earnings per employee, 1977-80, yet 1980 real earnings per employee in Minnesota (\$12,900) exceeded the U.S. average (\$12,000).

Real Estate (SIC 65)

This large industry includes real estate operators and owners and lessors of real property, as well as buyers, sellers, developers, agents, and brokers. It employed over a million persons nationally in 1980 who earned almost \$18 billion in wages and salaries. The industry's real earnings expanded rapidly, nationally and in Minnesota, between 1967 and 1977, then edged upward to faster growth at the national level while falling off in Minnesota (Table 2.18). Meanwhile, accompanying the brisk rise in real earnings in the industry, employment rose rapidly, overshooting real earnings growth and thus reducing real earnings per employee, both nationally and in Minnesota in both time periods.

There were 15 states that exceeded Minnesota's real earnings of \$132 million in 1980. Among them were the fast-growing Sunbelt states of California (\$1,482 mil.), Florida (\$551 mil.), and Texas (\$537 mil.), which together had a third of the industry's total earnings (Figure 2.5). New York, too, was an industry leader with real earnings of \$834 million in 1980.

Table 2.17.--Changes in SIC 64: Insurance Agents, Brokers, and Services, 1967-1980, Minnesota and Other States

State	Earnings (wages and salaries, in millions)			Percent Change in Real Earnings		Employment 1980 (000)	Real Earnings Per Employee		
	1972	1980	1980 (in 1972 dollars)	1967-1977	1977-1980		1980 (000)	% Change	
								1967-1977	1977-1980
U.S.	\$4,852	\$12,182	\$5,398	40%	4%	451	\$12.0	-7%	-13%
Maine	19	42	19	26	1	2.1	9.1	-9	-10
NH	16	43	19	45	10	2.1	9.0	-12	-8
Vt	10	20	9	11	-1	0.9	9.6	-13	-7
Mass	169	335	149	14	2	14.8	10.0	8	-12
RI	18	44	19	-3	7	1.7	11.2	1	-5
Conn	73	180	80	27	6	6.7	11.9	-26	-4
NY	563	1,197	530	15	3	49.1	10.8	-7	-10
NJ	156	376	167	6	30	15.1	11.0	-16	4
Pa	255	544	241	24	-2	19.8	12.2	-12	-14
Ohio	231	506	224	24	-4	16.7	13.4	-2	-15
Ind	118	262	116	24	-0	8.3	14.0	1	-13
Ill	320	842	373	36	3	28.4	13.1	-5	-14
Mich	184	431	191	27	3	15.7	12.2	-20	-5
Wis	100	226	100	40	-4	7.7	13.0	-17	-19
Minn	105	252	112	38	-0	8.6	12.9	-17	-16
Iowa	77	239	106	40	31	8.7	12.2	-19	-32
Mo	129	287	127	26	-4	9.2	13.9	-2	-12
N Dak	14	36	16	42	-5	1.1	14.8	-12	-19
S Dak	14	36	16	49	1	1.0	15.0	-5	-18
Nebr	43	105	46	42	3	3.4	13.6	-10	-9
Kans	60	148	66	41	4	5.1	12.9	-16	-18
Del	10	D	(-)	36	(-)	D	(-)	-12	(-)
Md	85	213	94	43	8	7.4	12.8	-3	-12
DC	23	D	(-)	9	(-)	D	(-)	1	(-)
Va	75	196	87	74	1	8.5	10.2	-12	-20
W Va	29	62	27	38	-10	2.2	12.2	-0	-17
NC	89	208	92	48	-5	7.8	11.8	-2	-9
SC	40	108	48	82	-5	5.2	9.3	-6	-24
Ga	101	270	120	82	1	10.6	11.3	-13	-13
Fla	166	493	219	100	2	20.6	10.6	-2	-11
Ky	59	135	60	36	-2	5.0	11.9	22	-28
Tenn	85	195	86	52	-3	7.3	11.9	-12	-10
Ala	46	137	61	79	6	5.3	11.5	-13	-17
Miss	45	108	48	43	7	3.8	12.6	21	-20
Ark	36	88	39	35	8	3.2	12.1	7	-10
La	76	221	98	74	-2	9.0	10.9	-13	-4
Okla	55	164	72	58	13	5.4	13.5	6	-13
Tex	270	793	351	60	16	28.7	12.2	1	-12
Mont	15	42	18	41	5	1.5	12.5	-18	-14
Idaho	16	36	16	75	-13	1.2	13.4	-7	-25
Wyo	6	19	8	74	5	0.6	15.2	5	-27
Colo	51	152	67	80	12	5.1	13.2	-7	-15
N Mex	18	48	21	47	6	2.1	9.9	-9	-10
Ariz	45	114	51	101	-7	5.4	9.4	-9	-32
Utah	22	65	29	61	9	2.1	13.6	2	-8
Nev	13	55	24	148	11	2.2	11.0	-25	-13
Wash	83	252	112	45	13	8.5	13.2	-5	-9
Oreg	59	156	69	46	6	5.6	12.5	14	-21
Calif	546	1,533	679	51	9	55.5	12.2	-8	-15
Alaska	7	23	10	116	-7	0.7	13.6	11	-19
Hawaii	22	54	24	35	22	1.8	13.4	6	-19

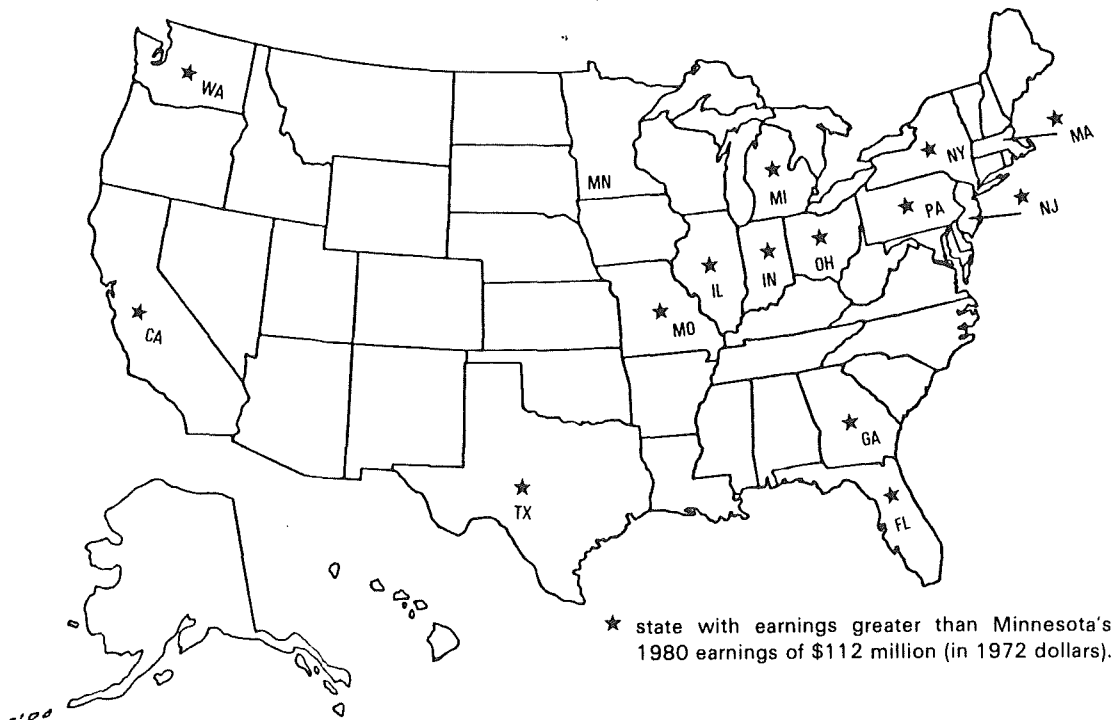
Note: Numbers were rounded after calculations were performed.

D: Not disclosed by Census Bureau.

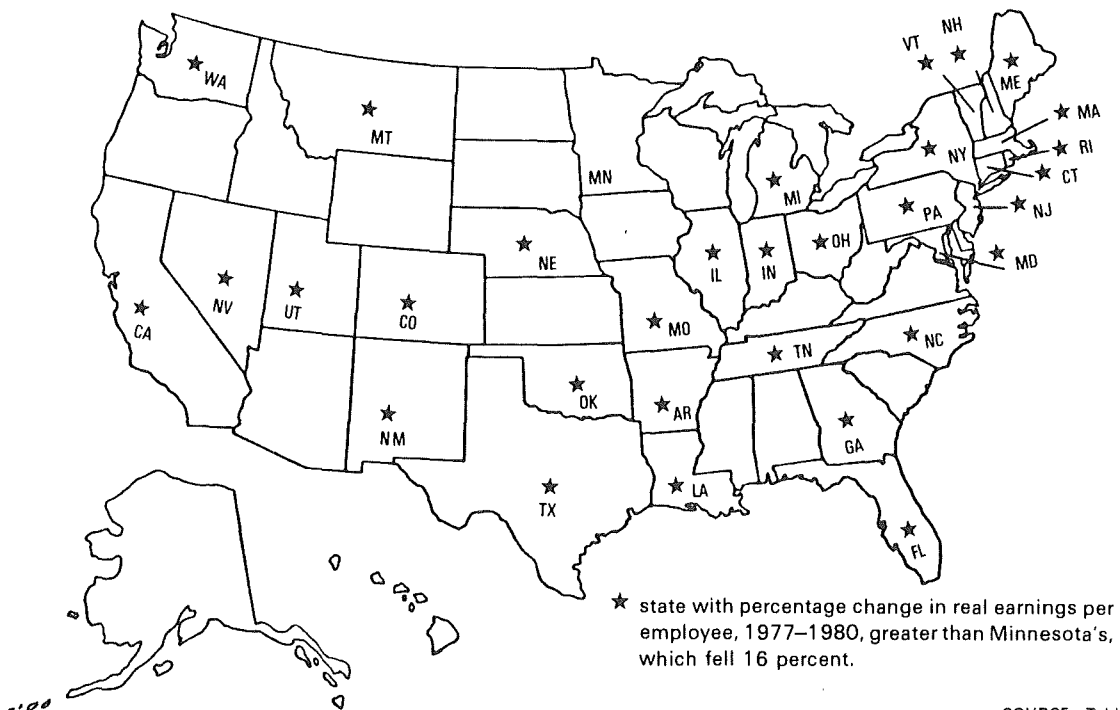
(-): Cannot be calculated from census materials.

Sources: U.S. Department of Commerce, Bureau of Economic Analysis, Regional Economic Information System, Annual Employment and Personal Income for States, 1967-1980; and authors' calculations.

Insurance Agents, Brokers, and Service (SIC 64) : Earnings, by State, 1980



Insurance Agents, Brokers, and Service (SIC 64) : Percentage Change in Real Earnings per Employee, 1977-1980



SOURCE : Table 2.17

Figure 2.4 – Earnings in the independent insurance agent industry.

Table 2.18.--Changes in SIC 65: Real Estate Industry, 1967-1980, Minnesota and Other States

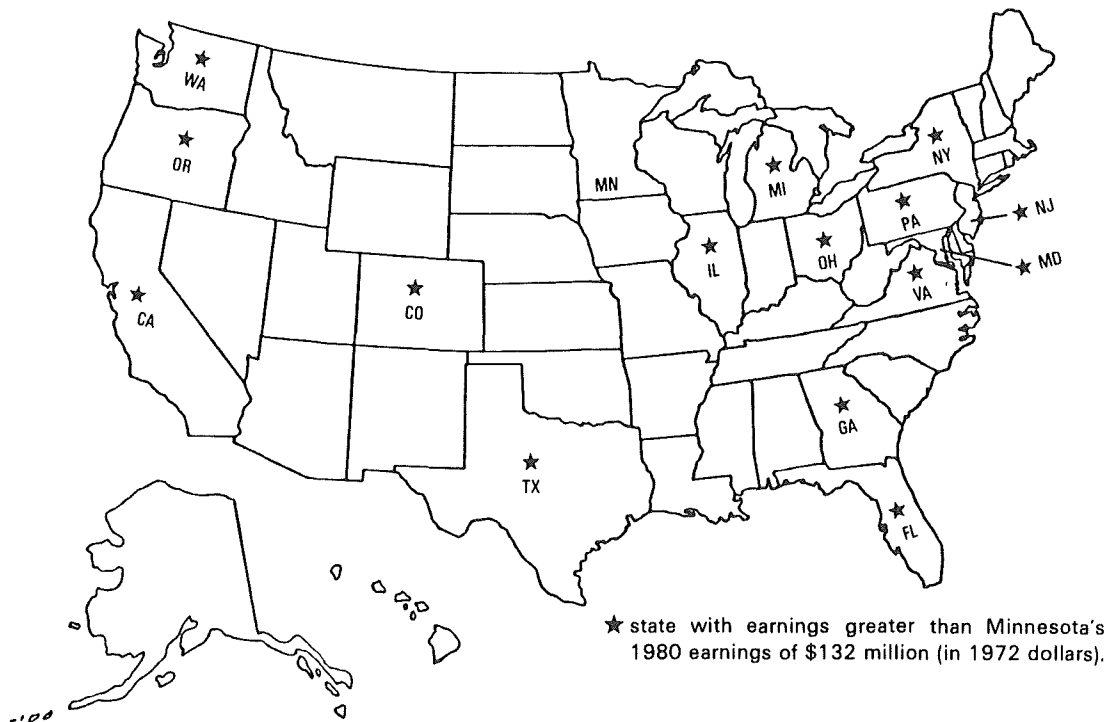
State	Earnings (wages and salaries, in millions)			Percent Change in Real Earnings		Employment 1980 (000)	Real Earnings Per Employee		
	1972	1980	1980 (in 1972 dollars)	1967-1977	1977-1980		1980 (000)	% Change	
								1967-1977	1977-1980
U.S.	\$7,289	\$17,577	\$7,788	20%	8%	1,040	\$7.5	-17%	-5%
Maine	14	16	7	-41	-11	1.7	4.3	-48	-13
NH	17	33	15	2	2	2.5	5.9	-57	-3
Vt	11	13	6	-42	21	1.1	5.4	-59	-4
Mass	148	279	124	-21	10	21.2	5.8	-19	-6
RI	20	29	13	-22	-9	2.5	5.2	-36	-10
Conn	80	224	100	-1	16	9.4	10.6	-45	3
NY	1,087	1,881	834	-5	-4	122.6	6.8	-3	-4
NJ	217	451	200	7	-2	26.3	7.6	-10	-5
Pa	267	575	255	14	-2	36.9	6.9	-16	-5
Ohio	326	517	229	-25	-1	35.4	6.4	-32	-10
Ind	114	252	112	1	-5	17.5	6.4	-34	-8
Ill	392	802	356	-5	-0	46.4	7.7	6	-9
Mich	213	480	213	-23	7	25.3	8.4	-46	-4
Wis	81	205	91	18	-8	13.4	6.8	-20	-14
Minn	97	298	132	37	-0	17.5	7.6	-36	-10
Iowa	44	143	63	-1	-2	8.0	7.9	-38	-10
Mo	141	286	127	4	-2	20.8	6.1	-11	-9
N Dak	6	39	17	123	2	1.8	9.4	10	-10
S Dak	6	27	12	84	5	1.7	6.8	-26	-9
Nebr	31	80	36	42	-2	4.8	7.4	-29	-2
Kans	43	144	64	45	-5	7.7	8.3	-33	-4
Del	19	34	15	(-)	(-)	2.4	6.3	(-)	(-)
Md	197	460	204	63	2	27.7	7.4	17	-5
DC	90	206	91	(-)	(-)	12.4	7.3	(-)	(-)
Va	190	481	213	51	8	29.8	7.2	2	-10
W Va	21	50	22	38	9	4.3	5.1	-11	1
NC	120	273	121	32	11	17.1	7.1	-20	0
SC	44	144	64	117	6	10.2	6.3	-22	-16
Ga	169	370	164	50	9	22.4	7.3	-13	-5
Fla	565	1,244	551	46	25	86.9	6.3	-37	-4
Ky	49	112	50	-0	-2	8.0	6.2	-41	-24
Tenn	86	206	92	14	6	13.0	7.0	-38	-2
Ala	56	141	62	38	-5	9.1	6.8	-16	-7
Miss	21	60	26	74	2	4.5	5.9	-40	-2
Ark	51	106	47	44	-1	6.2	7.6	-31	-3
La	61	180	80	16	0	12.0	6.6	-39	2
Okla	63	152	67	17	16	11.6	5.8	-34	3
Tex	436	1,212	537	58	30	81.4	6.6	-25	0
Mont	11	50	22	91	10	2.6	8.4	-10	-8
Idaho	12	46	21	68	2	2.6	8.0	-27	-33
Wyo	5	21	9	48	30	1.4	6.8	-26	-5
Colo	136	400	177	80	23	22.5	7.9	-32	-4
N Mex	34	73	32	31	5	5.3	6.0	-22	-4
Ariz	113	263	116	57	27	15.6	7.5	-32	-5
Utah	32	95	42	78	10	5.6	7.5	-8	4
Nev	37	113	50	78	46	6.9	7.2	-28	-14
Wash	131	415	184	-14	18	22.4	8.2	-36	-7
Oreg	63	312	138	81	18	13.6	10.2	1	-26
Calif	1,030	3,345	1,482	57	15	142.7	10.4	-11	-9
Alaska	12	35	16	121	-18	1.4	10.8	-20	-22
Hawaii	67	205	91	56	42	14.0	6.5	-12	-10

Note: Numbers were rounded after calculations were performed.

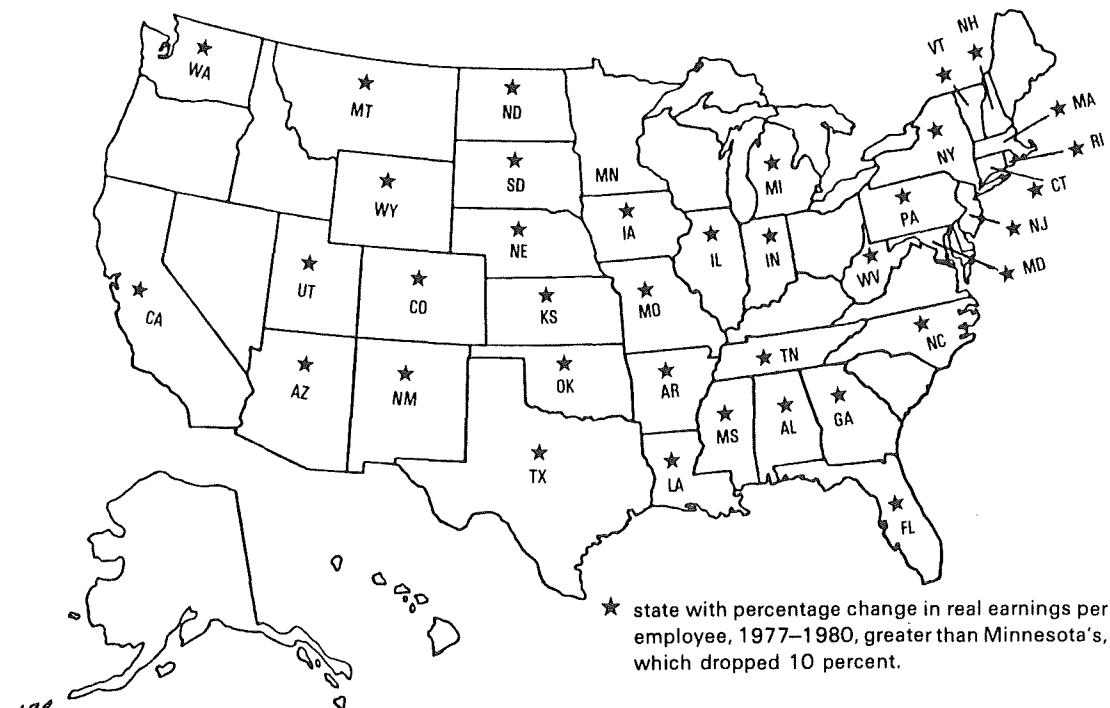
(-): Cannot be calculated from census materials.

Sources: U.S. Department of Commerce, Bureau of Economic Analysis, Regional Economic Information System, Annual Employment and Personal Income for States, 1967-1980; and authors' calculations.

Real Estate (SIC 65) : Earnings, by State, 1980



Real Estate (SIC 65) : Percentage Change in Real Earnings per Employee, 1977-1980



SOURCE : Table 2.18

Figure 2.5 – Earnings in the real estate industry.

There were 37 states that did better than Minnesota in changes in real earnings per employee, 1977 to 1980. Minnesota's weak performance on this measure may simply be attributable to easy entry into the business.

Combinations of Real Estate, Insurance,
Loan, and Law Offices (SIC 66) and Holding
and Other Investment Companies (SIC 67)

These industries are the smallest of the sector in terms of employment and earnings. The offices that combine the several services of real estate, insurance, and small loans, with no one of these activities constituting the principal business, are common throughout most of the U.S. but relatively rare in Minnesota (Table 2.19). The industry's real earnings declined drastically after 1967 in almost all states, including Minnesota. Employment declined also, but not at a sufficiently rapid rate to maintain real earnings per employee, which eroded badly. Levels and changes in real earnings in Minnesota are insufficient to compare with other states.

Holding companies, trusts and trust management organizations, plus other investment offices were the other industry which, with the combination offices just discussed, round out the bottom tier of the financial services sector of the economy. Minnesota's real earnings in this industry in 1980 were exceeded by 18 states, but more significant perhaps is the fact that the industry was concentrated in Texas (\$131 mil.), New York (\$126 mil.), California (\$121 mil.), and Florida (\$58 mil.), which together had about half of total industry earnings (Table 2.20). Nationally, earnings reached \$2 billion in 1980, but Minnesota accounted for only \$31 million of that. Along with the trends in many other industries, real earnings rose sharply between 1967 and 1977, then plunged in the 1977-80 period. Employment growth exceeded real earnings growth in the first

Table 2.19.--Changes in SIC 66: Combinations of Real Estate, Insurance, Loan and Law Offices, 1967-1980, Minnesota and Other States

State	Earnings (wages and salaries, in millions)			Percent Change in Real Earnings		Employment 1980 (000)	Real Earnings Per Employee		
	1972	1980	1980 (in 1972 dollars)	1967-1977	1977-1980		1980 (000)	% Change	
								1967-1977	1977-1980
U.S.	\$456	\$461	\$204	-52%	-37%	21	\$9.7	-26%	-16%
Maine	3	4	2	-11	-42	0.3	6.6	-30	-20
NH	3	4	2	-46	-10	0.2	8.8	-47	-22
Vt	1	2	1	-44	-31	0.1	7.9	-35	-23
Mass	13	21	9	-42	-28	1.1	8.4	-41	-18
RI	3	2	1	-34	-52	0.1	8.7	-22	-5
Conn	17	15	7	-61	-25	0.7	9.9	-42	-18
NY	47	52	23	-56	-26	2.6	8.9	-42	-18
NJ	31	14	6	-68	-61	0.6	9.7	-30	-4
Pa	31	40	18	-58	-16	1.3	14.0	-44	64
Ohio	14	17	8	-38	-54	0.4	19.2	-10	1
Ind	9	10	4	-56	-38	0.6	7.3	-52	-24
Ill	40	67	30	-41	-24	3.2	9.3	-10	-24
Mich	13	14	6	-54	-35	0.4	15.6	-16	-28
Wis	7	8	4	-53	-39	0.4	9.1	-34	-24
Minn	7	3	2	-87	-17	0.2	9.6	4	-59
Iowa	10	17	7	-48	-37	0.6	11.6	-43	-28
Mo	9	10	4	-47	-45	0.5	8.6	-39	-17
N Dak	1	1	0	-77	-57	0	-	-6	-
S Dak	2	2	1	-55	-43	0.1	13.1	-74	40
Nebr	4	10	5	-34	-18	0.5	9.0	-48	-23
Kans	7	9	4	-36	-38	0.4	9.4	-23	-29
Del	4	0	(-)	-92	(-)	0	(-)	42	(-)
Md	5	3	2	-42	-40	0.1	13.9	34	0
DC	3	0	(-)	-50	(-)	0	(-)	3	(-)
Va	14	3	1	-67	-74	0.2	7.4	-13	-7
W Va	2	2	1	-42	-27	0.1	6.6	-18	-13
NC	12	9	4	-46	-48	0.5	8.6	-11	-6
SC	9	2	1	-80	-50	0.1	8.6	46	-23
Ga	7	5	2	-46	-36	0.3	8.4	-18	-25
Fla	13	7	3	-36	-59	0.3	9.6	-34	-6
Ky	3	2	1	-78	-56	0.1	15.5	-21	-8
Tenn	7	4	2	-72	-43	0.2	8.9	-34	-7
Ala	9	4	2	-69	-34	0.2	12.3	0	21
Miss	3	3	1	8	-54	0.1	9.4	-6	-10
Ark	6	4	2	-32	-56	0.2	8.1	-16	-5
La	5	6	3	-57	-24	0.2	10.4	-32	-24
Okla	6	13	6	-16	-22	0.7	8.0	-35	-21
Tex	17	25	11	-19	-40	0.7	16.9	-12	1
Mont	3	4	2	-33	-20	0.2	8.1	-5	-16
Idaho	2	3	1	-35	-26	0.2	6.6	-17	-29
Wyo	2	3	2	-11	-12	0.2	8.2	-28	-14
Colo	8	8	4	-57	-5	0.3	10.5	-11	-3
N Mex	1	1	1	-41	-4	0	(-)	(-)	(-)
Ariz	6	1	0	-88	-29	0.0	11.1	78	-33
Utah	0	1	0	-20	-62	0	(-)	47	(-)
Nev	1	2	1	-23	0	0.1	10.0	-50	-8
Wash	6	5	2	-37	-56	0.3	8.3	-25	-20
Oreg	2	2	1	-69	-47	0.1	13.3	-54	27
Calif	25	24	11	-58	-28	0.9	11.6	-4	-26
Alaska	0	0	0	300	-75	0.1	11.4	19	15
Hawaii	2	4	2	-33	-11	0.2	7.5	-15	-17

Note: Numbers were rounded after calculations were performed.

D: Not disclosed by Census Bureau.

(-): Cannot be calculated from census materials.

Sources: U.S. Department of Commerce, Bureau of Economic Analysis, Regional Economic Information System, Annual Employment and Personal Income for States, 1967-1980; and authors' calculations.

Table 2.20.--Changes in SIC 67: Holding and Other Investment Companies,
1967-1980, Minnesota and Other States

State	Earnings (wages and salaries, in millions)			Percent Change in Real Earnings		Employment 1980 (000)	Real Earnings Per Employee		
	1972	1980	1980 (in 1972 dollars)	1967- 1977	1977- 1980		1980 (000)	% Change	
								1967- 1977	1977- 1980
U.S.	\$906	\$2,104	\$932	117%	-17%	110	\$8.5	-11%	-33%
Maine	2	3	1	13	-29	0.1	8.3	65	-29
NH	0	5	2	1,300	-25	0.3	7.7	48	-20
Vt	0	0	0	(-)	100	0.0	6.1	(-)	9
Mass	26	52	23	41	-25	3.6	6.3	-7	-50
RI	2	10	4	28	96	0.4	12.6	-26	3
Conn	11	37	17	695	10	1.5	11.2	17	-43
NY	206	285	126	-12	-21	12.5	10.1	-27	-29
NJ	18	45	20	123	3	2.4	8.1	31	-47
Pa	49	63	28	199	-36	3.6	7.8	19	-41
Ohio	27	74	33	198	-2	3.6	9.2	4	-27
Ind	12	13	6	210	-37	0.8	7.5	2	-38
Ill	44	89	40	430	-37	4.2	9.4	0	-39
Mich	12	24	10	127	-34	1.2	9.0	28	-40
Wis	10	31	14	105	-19	2.5	5.4	-27	-36
Minn	17	31	14	53	-23	1.6	8.3	-8	-37
Iowa	6	16	7	195	20	0.9	8.2	179	-12
Mo	20	31	14	111	-31	1.6	8.2	-22	-22
N Dak	1	4	2	1,100	67	0.2	8.7	133	30
S Dak	1	2	1	-72	-38	0.1	8.3	-88	-44
Nebr	4	7	3	600	-31	0.3	8.8	5	-23
Kans	4	15	7	300	0	0.8	8.6	64	-37
Del	9	10	4	18	-15	0.5	8.7	6	-46
Md	13	12	5	116	-24	0.6	8.1	14	-37
DC	8	26	12	207	-15	1.2	9.3	-5	-34
Va	20	37	16	517	-70	3.4	4.9	3	-51
W Va	2	5	2	53	-28	0.2	10.4	36	-5
NC	18	36	16	111	-32	2.2	7.3	19	-43
SC	2	6	3	550	-28	0.4	7.3	8	-46
Ga	33	64	29	361	-21	3.5	8.2	47	-39
Fla	38	131	58	590	15	7.6	7.6	-22	-32
Ky	6	23	10	988	16	1.2	8.4	151	-45
Tenn	10	50	22	597	5	3.1	7.2	-18	-32
Ala	5	22	10	939	-65	1.0	9.4	-23	-19
Miss	5	6	3	48	-10	0.4	6.5	-27	-12
Ark	6	7	3	-5	-24	0.4	7.6	22	-43
La	6	25	11	371	-23	1.7	6.6	28	-44
Okla	13	37	16	639	-4	2.0	8.4	25	-26
Tex	47	296	131	268	14	12.0	10.9	-1	-23
Mont	2	1	0	67	-70	0.1	4.9	4	-42
Idaho	2	2	1	43	-10	0.1	7.8	15	-40
Wyo	0	3	1	100	40	0.3	5.1	64	-63
Colo	19	46	20	30	15	2.5	8.2	15	-39
N Mex	2	4	2	175	-23	0.2	6.6	69	-34
Ariz	3	35	15	210	148	1.7	9.1	44	-24
Utah	2	5	2	213	-55	0.3	6.6	130	-60
Nev	2	10	4	262	-8	0.5	8.1	19	-43
Wash	9	11	5	20	-14	0.5	9.0	-8	-35
Oreg	6	16	7	592	-19	1.2	6.2	29	-45
Calif	110	273	121	79	4	15.1	8.0	-27	-18
Alaska	1	16	7	2,400	-45	1.2	5.7	-0	-49
Hawaii	27	46	20	43	-33	2.5	8.1	-6	-45

Note: Numbers were rounded after calculations were performed.

(-): Cannot be calculated from census materials.

Sources: U.S. Department of Commerce, Bureau of Economic Analysis, Regional Economic Information System, Annual Employment and Personal Income for States, 1967-1980; and authors' calculations.

period in the U.S. and in Minnesota, then declined less rapidly than real earnings dropped in the later period, so real earnings per employee, nationally and in Minnesota, were down after 1967.

Transportation, Communications, Electric, Gas,
and Sanitary Services Industries, 1967-1980

The nine industries that comprise this sector can be assigned only in part to the various states and the District of Columbia. The industries' main job is to collect, move, and distribute people, information, and materials from one place to another. Their job is done when the movement is completed, so the work of these industries occurs mainly along lines rather than at the origin and destination points. This unusual feature of the transport, communications, and utilities industries has worked against the compilation of data on a geographical basis. Wages and salaries are paid at specific locations, but the work that lies behind the payments occurs over broad areas and at widely scattered nodes.

In terms of wage and salary earnings and number of employees, the sector's largest industry is Communications (SIC 48), followed closely by Motor Freight Transport and Warehousing (SIC 42) and Electric, Gas, and Sanitary Services (SIC 49) (Table 2.21). The railroad and airline industries (SIC 40, 45) are much smaller than the big three, and are about equal in size, both nationally and in Minnesota.

Sales data for these industries have been excluded from the economic censuses. The data often would be conceptually difficult to assign to states or to small areas. Instead of sales data or product data by industry and by state, we are forced to confine our analysis to the employment and earnings data published annually by the Regional Economic Measurement Division of the Bureau of Economic Analysis, the same set of data we

Table 2.21.--Earnings (Wages and Salaries) and Employment in Transportation, Communications, and Utilities Industries, U.S. and Minnesota, 1980

Industry	Earnings (millions)		Employment (thousands)	
	U.S.	MN	U.S.	MN
SIC 40: Railroad Transportation	\$13,295	\$377	534	15.1
41: Local and Inter-Urban Passenger Transit	3,810	82	269	8.3
42: Motor Freight Transport and Warehousing	28,691	580	1,281	24.9
44: Water Transportation	4,971	38	210	1.4
45: Transportation by Air	12,900	381	456	12.2
46: Pipelines, except Natural Gas	617	6	21	0.2
47: Transportation Services	4,004	67	204	3.3
48: Communication	34,902	487	1,355	20.3
49: Electric, Gas and Sanitary Services	21,308	408	826	14.2

Source: U.S. Dept. of Commerce, Bureau of Economic Analysis, Regional Economic Information System, Annual Employment and Personal Income for States, 1967-1980.

used in our discussion of the finance, insurance, and real estate industries.

Railroad Transportation (SIC 40)

This huge industry, once the backbone of the U.S. transportation industry, has been in transition and reorganization since World War II. It includes line haul railroad companies, railway express, and switching and terminal establishments. After 1967, although assets were enormous, the industry continued its path of decline in real earnings; meanwhile, employment dropped over 23 percent between 1967 and 1977, then stabilized. As a result of these patterns, real earnings per employee rose sharply from \$9,950 in 1967 to \$12,000 in 1977, but then slipped to \$11,000 in 1980 (Table 2.22).

There were 12 states that exceeded Minnesota's 1980 earnings of \$377 million, most of them in the northeastern manufacturing belt, plus Texas and California. Yet such leading states as New York, Pennsylvania, Ohio, Indiana, and Illinois had faster declines in real earnings than Minnesota

Table 2.22.--Changes in SIC 40: Railroad Transportation, 1967-1980, Minnesota and Other States

State	Earnings (wages and salaries, in millions)			Percent Change in Real Earnings		Employment 1980 (000)	Real Earnings Per Employee		
	1972	1980	1980 (in 1972 dollars)	1967-1977	1977-1980		1980 (000)	% Change	
								1967-1977	1977-1980
U.S.	\$7,329	\$13,295	\$5,891	-7%	-8%	534	\$11.0	21%	-8%
Maine	36	49	22	-25	-20	2.3	9.4	15	-19
NH	5	11	5	-28	14	0.4	11.7	15	10
Vt	10	8	4	-26	-60	0.3	11.2	23	4
Mass	71	124	55	-24	-9	5.1	10.7	-20	-8
RI	8	18	8	-19	0	0.7	10.7	14	-4
Conn	44	85	38	-24	-7	3.6	10.6	17	-10
NY	403	654	290	-29	-15	27.1	10.7	17	-8
NJ	126	199	88	-39	-8	8.1	10.8	17	-8
Pa	564	982	435	-6	-18	40.6	10.7	18	-9
Ohio	466	771	342	-10	-14	30.7	11.1	19	-7
Ind	227	394	175	-3	-15	15.2	11.4	26	-10
Ill	697	1,093	485	-20	-15	44.1	11.0	19	-9
Mich	232	426	189	-4	-7	16.7	11.3	20	-8
Wis	137	278	123	1	1	11.0	11.2	22	-8
Minn	230	377	167	-10	-9	15.1	11.0	19	-7
Iowa	123	239	106	-4	-3	9.6	11.0	20	-8
Mo	245	426	189	-7	-10	17.0	11.1	19	-7
N Dak	41	85	38	-4	1	3.4	10.9	18	-9
S Dak	16	25	11	14	-32	1.3	8.7	17	-29
Nebr	157	415	184	25	11	16.9	10.9	18	-8
Kans	208	380	169	-7	-1	15.1	11.1	20	-7
Del	22	46	20	9	-10	1.9	10.7	18	-8
Md	123	221	98	-18	-6	9.1	10.8	18	-8
DC	24	62	27	12	-32	2.6	10.5	21	-4
Va	212	355	157	-8	-12	14.5	10.8	18	-8
W Va	111	224	99	-18	2	9.1	10.9	19	-8
NC	100	185	82	9	-5	7.1	11.6	25	-7
SC	60	104	46	19	-12	4.1	11.4	26	-10
Ga	181	361	160	1	7	14.3	11.2	22	-8
Fla	155	278	123	14	-13	11.0	11.2	24	-8
Ky	182	405	179	9	-1	16.6	10.8	19	-8
Tenn	140	273	121	-4	-5	11.0	11.0	20	-8
Ala	115	196	87	2	-13	7.6	11.4	24	-8
Miss	55	118	52	15	-5	4.3	12.2	31	-4
Ark	94	190	84	21	1	7.2	11.7	23	-4
La	107	217	96	6	2	8.0	12.0	24	-4
Okla	56	121	54	18	6	4.4	12.3	27	-3
Tex	387	776	344	15	-6	30.1	11.4	40	-8
Mont	80	179	79	17	2	7.4	10.7	19	-8
Idaho	46	92	41	12	-6	3.5	11.5	24	-8
Wyo	43	106	47	2	11	4.4	10.7	17	-8
Colo	80	179	79	-7	5	7.2	11.0	15	-4
N Mex	39	77	34	-19	1	3.1	10.8	19	-9
Ariz	48	84	37	-13	-4	3.4	10.8	18	-7
Utah	63	119	53	-19	-6	4.8	11.0	18	-9
Nev	22	41	18	-9	-3	1.7	10.8	15	-7
Wash	144	258	114	-2	-7	10.5	10.8	18	-10
Oreg	108	180	80	-12	-12	7.3	10.9	18	-7
Calif	484	807	356	-15	-5	32.8	10.9	19	-8
Alaska	2	4	2	92	-36	0.2	7.0	107	-61
Hawaii	0	D	(-)	(-)	(-)	0	(-)	(-)	(-)

Note: Numbers were rounded after calculations were performed.

D: Not disclosed by Census Bureau.

(-): Cannot be calculated from census materials.

Sources: U.S. Department of Commerce, Bureau of Economic Analysis, Regional Economic Information System, Annual Employment and Personal Income for States, 1967-1980; and authors' calculations.

in the late 1970s. Real earnings per employee were up 15 to 25 percent in most states in the 1967-77 period and down 5 to 10 percent in the 1977-80 period. Minnesota rose slightly less than the U.S. average in the first period and dropped less than average in the later period. Only 10 states had changes in real earnings per employee that performed better than Minnesota's in the 1977-80 period (Figure 2.6).

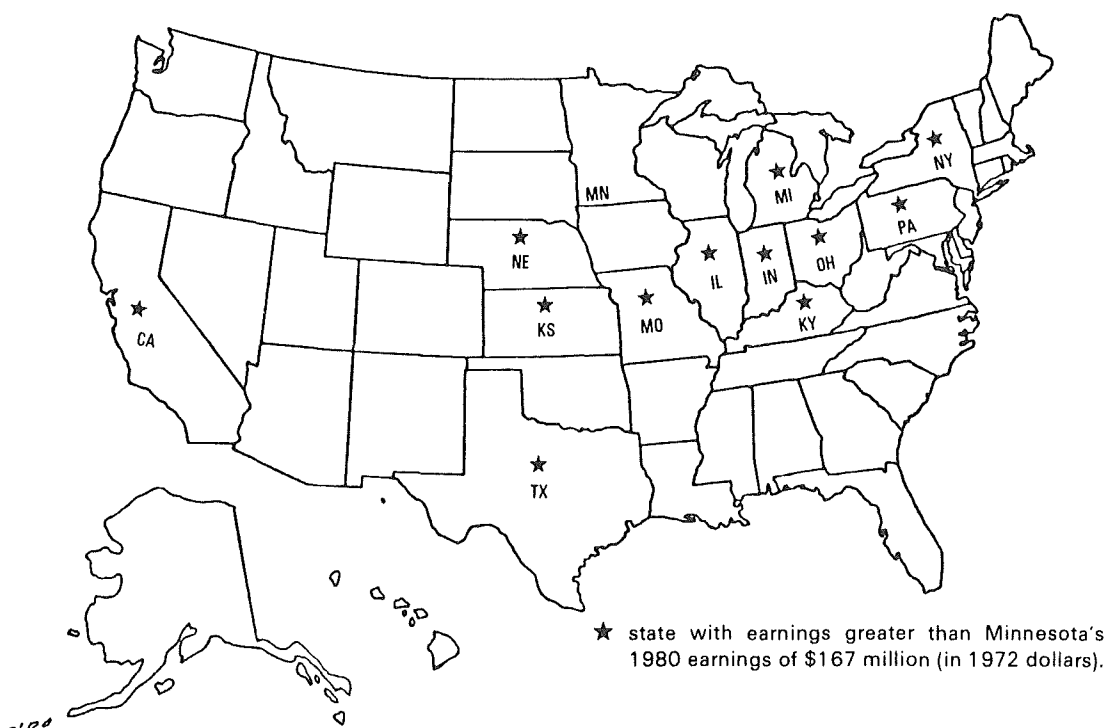
Local and Suburban Transit and Interurban
Highway Passenger Transportation (SIC 41)

This industry is made up mainly of bus and taxi companies that provide passenger transportation within an urban area or between cities. It is concentrated in northeastern states and in large urban areas of California, Florida, and Texas. Nationwide earnings of \$4 billion in 1980 make the local and intercity passenger transportation industry one of the smallest in the sector, a victim of competition from the private car. Real earnings dropped during the prosperous 1967-77 period and dropped again between 1977 and 1980 (Table 2.23). Employment dropped 8 percent in the early period, then rose 4 percent in the later one, but real earnings per employee declined in both periods. In 12 states where dependence on buses is relatively high (the Northeast) or recent growth has been vigorous (the Sunbelt), real 1980 earnings exceeded Minnesota's. Quite a few states managed to better Minnesota's record in controlling the slide in real earnings per employee (Figure 2.7).

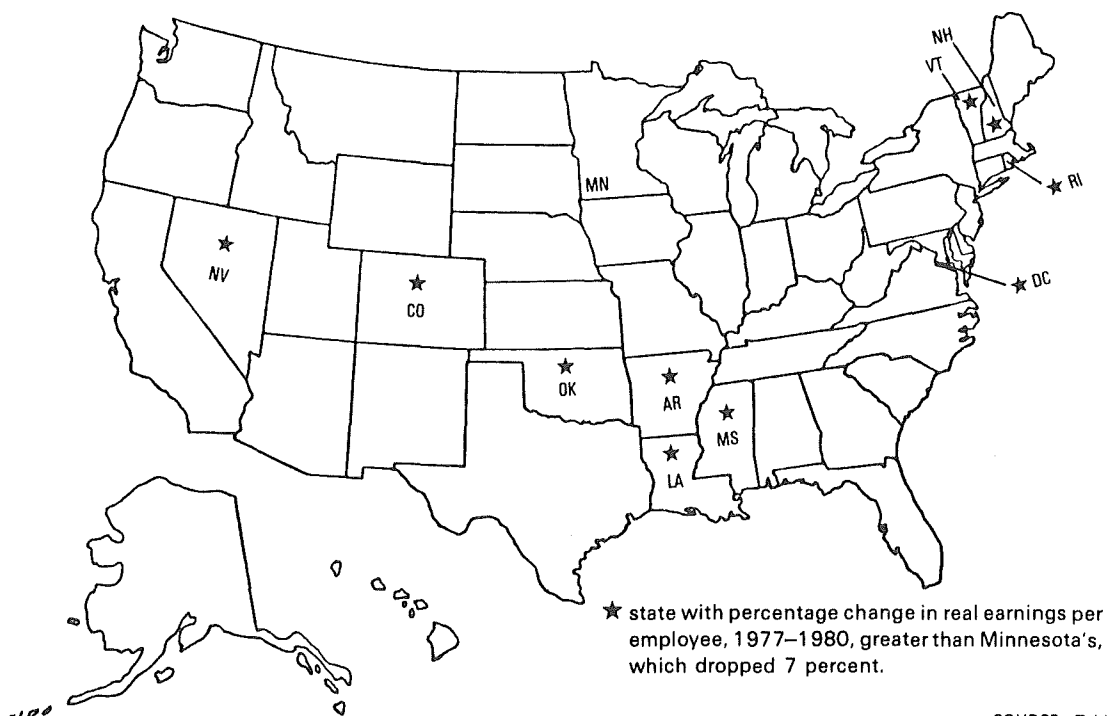
Motor Freight Transportation
and Warehousing (SIC 42)

One of the giants of this economic sector, motor freight transport and warehousing yielded nationwide almost \$29 billion in wage and salary earnings in 1980, up from \$8 billion in 1967 (Table 2.24). Real earnings

Railroad Transportation (SIC 40) : Earnings by State, 1980



Railroad Transportation (SIC 40) : Percentage Change in Real Earnings per Employee, 1977-1980



SOURCE : Table 2.22

Figure 2.6 – Earnings in the railroad transportation industry.

Table 2.23.--Changes in SIC 41: Local and Inter-Urban Passenger Transit, 1967-1980,
Minnesota and Other States

State	Earnings (wages and salaries, in millions)			Percent Change in Real Earnings		Employment 1980 (000)	Real Earnings Per Employee		
	1972	1980	1980 (in 1972 dollars)	1967- 1977	1977- 1980		1980 (000)	% Change	
								1967- 1977	1977- 1980
U.S.	\$2,270	\$3,810	\$1,688	-14%	-9%	269	\$6.3	-6%	-12%
Maine	7	12	5	-17	-4	1.0	5.2	-7	-10
NH	8	12	5	-7	-7	1.2	4.2	-12	-11
Vt	4	8	4	-5	3	0.6	6.3	-14	-7
Mass	87	168	75	11	-11	15.4	4.8	-0	-15
RI	10	15	7	-20	-8	1.4	4.7	-17	-8
Conn	41	87	39	11	5	8.6	4.5	-9	-12
NY	496	756	335	-11	-16	39.7	8.4	-3	-14
NJ	135	245	109	-11	-7	16.9	6.4	-5	-12
Pa	115	202	90	-42	-8	19.3	4.7	-14	-14
Ohio	78	71	31	-54	-16	5.7	5.5	-9	-16
Ind	47	58	26	-37	-12	3.7	6.8	-11	-12
Ill	133	204	90	-18	-9	15.2	6.0	-9	-12
Mich	44	63	28	-36	-12	4.2	6.6	-8	-7
Wis	53	104	46	4	0	10.7	4.3	-19	-9
Minn	38	82	36	-7	-2	8.3	4.4	-19	-10
Iowa	15	16	7	-32	-31	1.5	4.8	-10	-20
Mo	59	129	57	7	-4	8.8	6.5	-2	-10
N Dak	4	7	3	0	-3	0.7	4.5	-16	-12
S Dak	3	6	3	20	-3	0.7	4.0	-21	-3
Nebr	10	16	7	-40	1	1.4	5.1	-34	-21
Kans	11	17	7	-5	-18	1.8	4.0	-15	-14
Del	6	15	7	(-)	(-)	1.3	5.0	(-)	(-)
Md	36	60	27	(-)	(-)	3.9	6.9	(-)	(-)
DC	48	30	13	-67	-24	1.2	10.5	2	-5
Va	60	85	38	-2	-31	5.9	6.4	1	-11
W Va	12	14	6	-34	-26	1.0	6.5	4	-5
NC	36	55	24	-22	-12	3.7	6.6	5	-5
SC	10	15	7	-23	-13	1.0	6.6	1	-13
Ga	32	34	15	-42	-9	2.3	6.4	-0	-19
Fla	65	121	53	14	2	7.0	7.7	21	-7
Ky	0	28	12	-44	-26	1.8	6.7	6	-11
Tenn	36	65	29	-28	27	4.0	7.2	-5	-4
Ala	0	19	9	-39	-12	1.5	5.7	-2	-9
Miss	6	12	6	22	-10	0.9	6.3	12	-6
Ark	0	13	6	-10	-13	1.0	5.8	-12	1
La	40	73	32	-12	-4	4.0	8.1	-5	-5
Okla	11	0	(-)	-7	(-)	0	(-)	-6	(-)
Tex	76	127	57	7	-19	8.0	7.1	10	-5
Mont	8	12	6	-16	-5	1.0	5.2	-22	-12
Idaho	4	7	3	-6	3	1.0	4.0	-17	-14
Wyo	3	8	3	15	10	1.0	6.2	-13	-10
Colo	21	33	14	-17	6	2.0	7.2	-3	-11
N Mex	9	0	(-)	(-)	(-)	0	(-)	(-)	(-)
Ariz	21	49	22	154	-18	3.1	7.0	7	-21
Utah	9	27	12	47	6	1.6	7.4	-1	-6
Nev	20	70	31	80	25	3.6	8.6	6	-6
Wash	26	46	21	-18	-0	3.2	6.3	-5	-10
Oreg	17	39	17	-17	6	3.1	5.6	-17	-16
Calif	186	361	160	-8	2	26.6	6.0	-15	-16
Alaska	6	15	7	179	-43	1.1	6.2	47	-52
Hawaii	18	59	26	116	-4	3.7	7.0	-0	-8

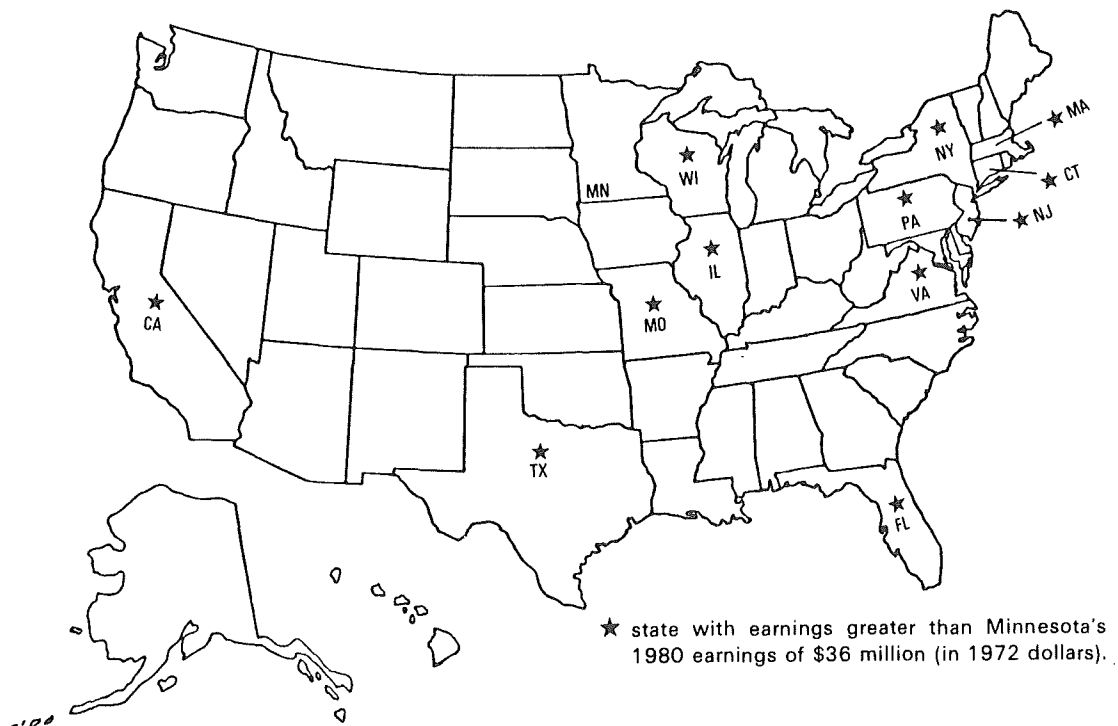
Note: Numbers were rounded after calculations were performed.

D: Not disclosed by Census Bureau.

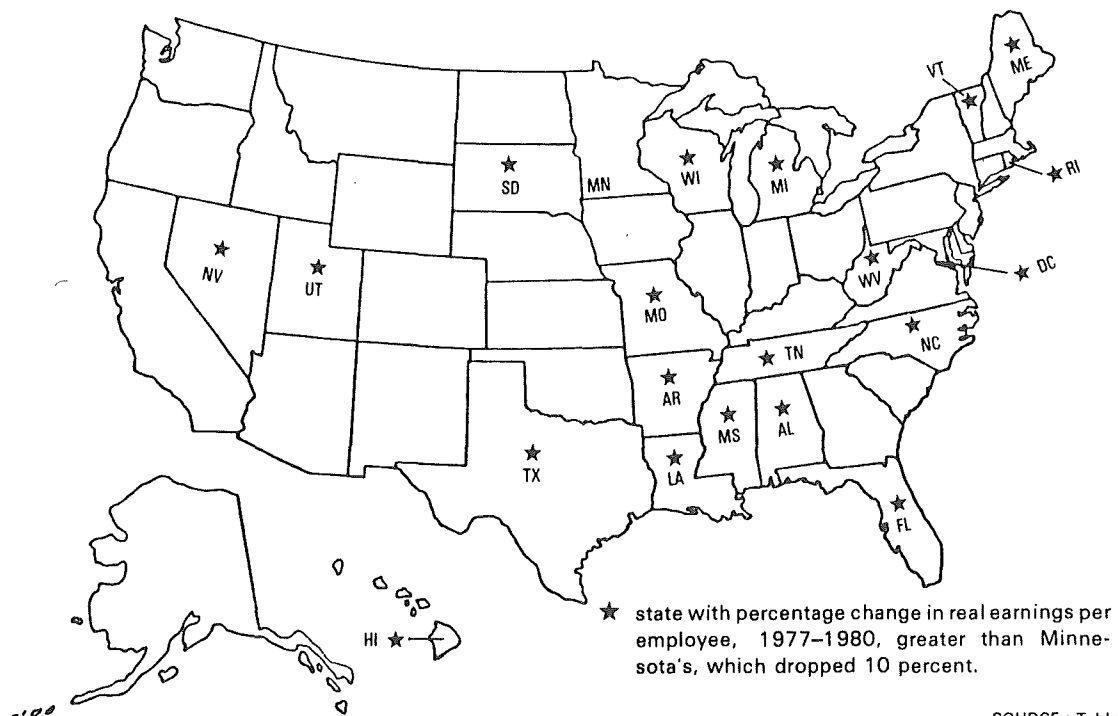
(-): Cannot be calculated from census materials.

Sources: U.S. Department of Commerce, Bureau of Economic Analysis, Regional Economic Information System, Annual Employment and Personal Income for States, 1967-1980; and authors' calculations.

Local and Suburban Transit and Interurban Highway Passenger Transportation (SIC 41) : Earnings, by State, 1980



Local and Suburban Transit and Interurban Highway Passenger Transportation (SIC 41) : Percentage Change in Real Earnings per Employee, 1977-1980



SOURCE : Table 2.23

Figure 2.7 - Earnings in the local and suburban transit and highway passenger transportation industry.

nationwide rose 33 percent in the 1967-77 period, but dropped slightly between 1977 and 1980. Minnesota, with \$580 million in 1980 earnings, followed the national averages rather closely in terms of real earnings, but real earnings per employee dropped in the state in the 1967-77 period while rising nationwide. In a pattern that resembles those of other industries in this sector, 15 states of the Northeast and the Sunbelt had higher earnings than Minnesota in 1980 (Figure 2.8). The change in real earnings per employee in the 1967-77 period in Minnesota was about the lowest in the nation, but this ranking may reflect the fact that the state's real earnings per employee in this industry were well above the national average and therefore perhaps a bit out of balance.

U.S. Postal Service (SIC 43)

U.S. Postal Service employment data are included in statistics on public employment. Contract work for the Postal Service falls into SIC categories other than 43: post office contract stations are classified in SIC 7399; contract mail transport is in SIC 421; and private postal services are in SIC 7319 (advertising delivery) or SIC 421 (parcels).

Water Transportation (SIC 44)

The water transportation industry is geographically concentrated in the Atlantic and Gulf Coast states, on the West Coast, and around the Great Lakes. Only seven states account for 70 percent of U.S. earnings. It is a large industry in terms of the tonnage it hauls, but it is small in terms of wage and salary earnings and employment. The 1980 earnings were under \$5 billion while those in the communications industry, by comparison, were \$35 billion, and those in railroading were \$13 billion (Table 2.21). As larger ships were built to carry oil and other bulk cargoes, and as the

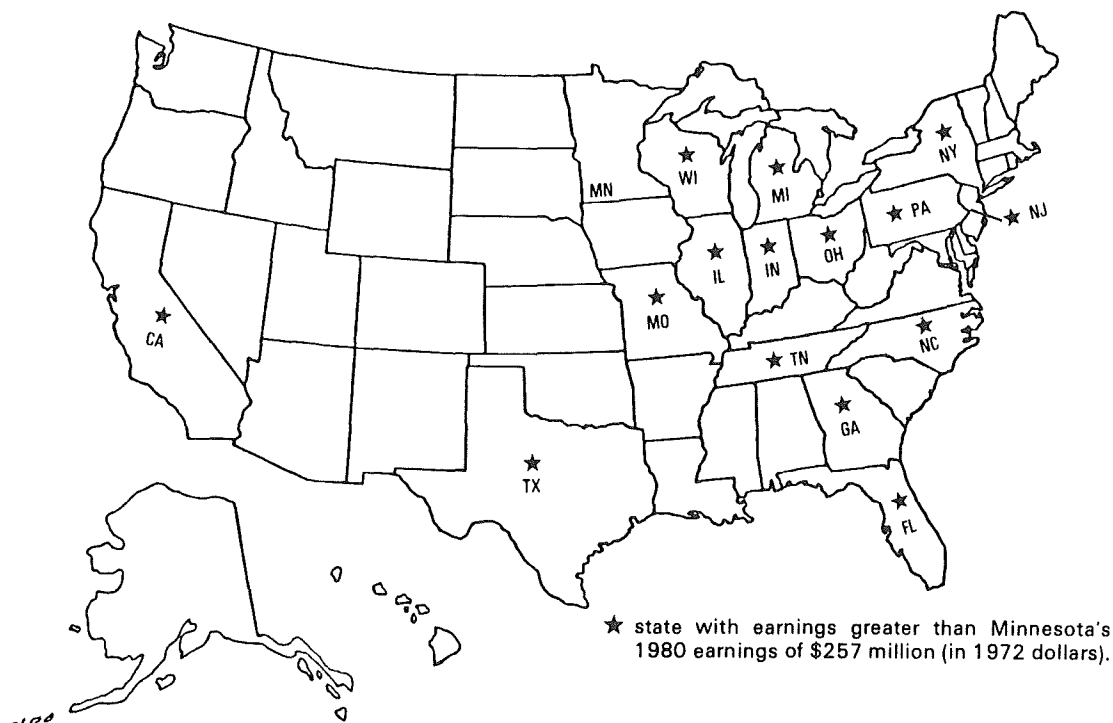
Table 2.24.--Changes in SIC 42: Motor-Freight Transportation and Warehousing, 1967-1980, Minnesota and Other States

State	Earnings (wages and salaries, in millions)			Percent Change in Real Earnings		Employment 1980 (000)	Real Earnings Per Employee		
	1972	1980	1980 (in 1972 dollars)	1967- 1977	1977- 1980		1980 (000)	% Change	
								1967- 1977	1977- 1980
U.S.	\$13,757	\$28,691	\$12,713	33%	-4%	1,281	\$9.9	11%	-9%
Maine	51	108	48	32	-3	4.7	10.1	21	-9
NH	40	85	38	33	2	3.5	10.9	20	-10
Vt	27	52	23	25	-6	2.4	9.6	10	-8
Mass	349	569	252	3	-9	26.8	9.4	15	-9
RI	54	72	32	-10	-15	3.2	9.9	12	-1
Conn	160	287	127	13	-7	12.4	10.2	10	-8
NY	956	1,494	662	-8	-7	69.4	9.5	9	-7
NJ	792	1,352	599	18	-7	59.4	10.1	10	-9
Pa	909	1,715	760	23	-7	72.4	10.5	19	-7
Ohio	970	1,823	808	32	-11	75.7	10.7	12	-9
Ind	407	828	367	33	-11	36.3	10.1	10	-12
Ill	998	1,800	798	18	-15	70.6	11.3	14	-9
Mich	589	1,047	464	19	-16	39.9	11.6	10	-8
Wis	325	672	298	30	-4	28.6	10.4	10	-10
Minn	265	580	257	39	-4	24.9	10.3	-2	-9
Iowa	218	446	198	38	-9	19.1	10.4	4	-9
Mo	450	880	390	27	-8	38.0	10.3	9	-10
N Dak	30	93	41	55	29	4.1	10.0	9	-8
S Dak	45	115	51	81	0	5.2	9.8	12	-7
Nebr	118	256	114	67	-8	11.4	10.0	13	-10
Kans	155	409	181	71	-2	19.8	9.1	8	-10
Del	33	68	30	28	-7	3.0	9.9	13	-2
Md	252	493	218	36	-8	23.6	9.2	13	-7
DC	17	21	9	-45	-3	1.2	7.4	12	-8
Va	249	530	235	39	-4	28.3	8.3	12	-11
W Va	88	204	90	47	-7	9.3	9.7	16	-7
NC	415	881	390	36	1	44.4	8.8	12	-8
SC	112	284	126	85	3	14.7	8.5	22	-6
Ga	306	707	313	52	2	35.1	8.9	20	-8
Fla	307	751	332	77	6	39.0	8.5	17	-10
Ky	172	405	180	70	-7	16.7	10.8	29	-7
Tenn	315	742	329	73	-2	34.0	9.6	19	-7
Ala	161	397	176	53	-1	19.7	8.9	22	-7
Miss	86	222	99	92	9	11.5	8.6	22	-7
Ark	117	278	123	50	1	13.8	9.0	21	-12
La	160	439	194	55	10	22.4	8.7	22	-6
Okla	179	498	221	61	13	20.4	10.8	18	-4
Tex	684	1,946	862	60	9	93.6	9.2	17	-6
Mont	43	108	48	54	-2	4.4	10.9	9	-3
Idaho	45	120	53	80	0	5.7	9.3	21	-25
Wyo	24	94	42	110	26	4.2	10.0	13	-4
Colo	153	361	160	35	6	16.7	9.6	5	-8
N Mex	43	126	56	82	5	5.4	10.3	21	-1
Ariz	74	215	96	37	44	10.0	9.5	-13	14
Utah	92	236	104	86	2	10.7	9.8	9	-9
Nev	25	77	34	85	9	3.4	9.9	9	-10
Wash	195	497	220	50	1	20.8	10.6	16	-10
Oreg	195	446	198	57	-2	17.6	11.2	28	-16
Calif	1,254	2,730	1,210	26	-0	118.2	10.2	2	-11
Alaska	22	79	35	292	-40	2.0	18.0	67	-16
Hawaii	28	56	25	39	-5	3.2	7.7	15	-13

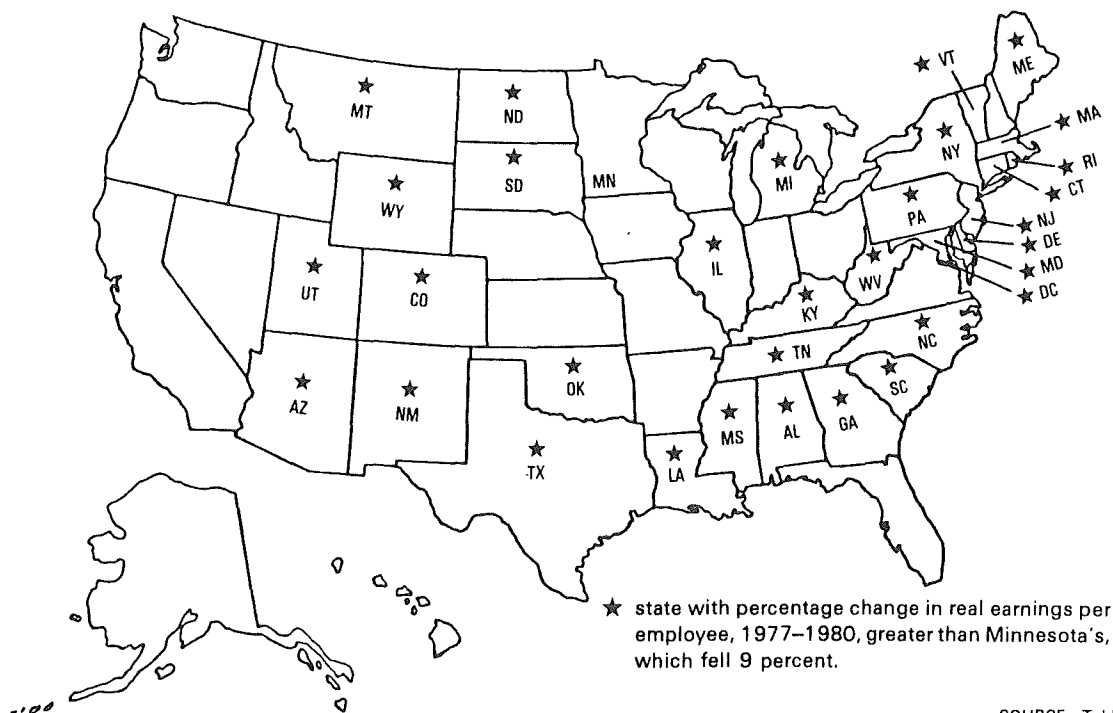
Note: Numbers were rounded after calculations were performed.

Sources: U.S. Department of Commerce, Bureau of Economic Analysis, Regional Economic Information System, Annual Employment and Personal Income for States, 1967-1980; and authors' calculations.

Motor Freight Transportation and Warehousing (SIC 42) : Earnings, by State, 1980



Motor Freight Transportation and Warehousing (SIC 42) : Percentage Change in Real Earnings per Employee, 1977-1980



SOURCE : Table 2.24

Figure 2.8 – Earnings in the motor freight transportation and warehousing industry.

ocean freight industry moved to automated handling of containers, employment dropped 20 percent from already shrinking levels during the 1967-77 period, but rose 8 percent in the 1977-80 period.

Minnesota has a small water transportation industry (ranked 22nd) that is concentrated primarily at the grain and ore handling facilities on Lake Superior, but which also includes the coal and oil, grain, and chemical traffic on the upper Mississippi and on the lower reaches of the Minnesota River. There were 1,400 employees in Minnesota's water transport industry in 1980, and their earnings per capita were significantly above the U.S. average, rising throughout the 1967-80 period (Table 2.25).

Transportation by Air (SIC 45)

The air transport of people, freight, and mail was a vigorously expanding industry throughout the 1967-80 analysis period. In 1980 the industry's earnings were behind communications (\$35 bil.), motor freight/warehousing (\$29 bil.), utilities (\$21 bil.), and railroading (\$13 bil.), but were ahead of the rest of the sector's industries with almost \$13 billion (Table 2.21). Earnings had risen rapidly from only \$3 billion in 1967. Real earnings were up nationwide by 55 percent (59 percent in Minnesota) between 1967 and 1977, and up again 10 percent (17 percent in Minnesota) in the 1977-80 period (Table 2.26).

As was the case in many other industries, the energetic rise in this industry's real earnings was followed by more than proportional employment expansions. Across the U.S. and in Minnesota, these movements yielded increases in real earnings per employee in the 1967-77 period (20 percent for the U.S. vs. 25 percent in Minnesota), but decreases in the 1977-80 period (-7 percent vs. -5 percent).

Table 2.25.--Changes in SIC 44: Water Transportation, 1967-1980, Minnesota and Other States

State	Earnings (wages and salaries, in millions)			Percent Change in Real Earnings		Employment 1980 (000)	Real Earnings Per Employee		
	1972	1980	1980 (in 1972 dollars)	1967-1977	1977-1980		1980 (000)	% Change	
								1967-1977	1977-1980
U.S.	\$2,277	\$4,971	\$2,203	-13%	7%	210	\$10.5	8%	-2%
Maine	5	D	(-)	51	(-)	D	(-)	-18	(-)
NH	D	D	(-)	(-)	(-)	D	(-)	(-)	(-)
Vt	1	2	1	0	14	0.1	6.8	-4	4
Mass	D	D	(-)	(-)	(-)	D	(-)	(-)	(-)
RI	5	8	4	3	6	0.5	7.5	-29	10
Conn	D	D	(-)	(-)	(-)	D	(-)	(-)	(-)
NY	522	730	323	-47	-15	23.9	13.5	27	-9
NJ	172	461	204	-8	30	14.4	14.2	27	11
Pa	121	266	118	-8	6	8.6	13.7	20	12
Ohio	69	110	49	-36	-10	4.0	12.3	0	-4
Ind	6	27	12	63	61	1.0	11.7	5	7
Ill	39	76	34	-5	-2	3.6	9.4	-2	-3
Mich	19	26	12	-13	-27	1.4	8.2	-1	-16
Wis	11	18	8	19	-22	1.2	6.6	20	-16
Minn	30	38	17	221	-16	1.4	12.0	45	9
Iowa	1	3	1	175	27	0.2	8.8	-33	2
Mo	26	79	35	72	18	3.7	9.4	1	6
N Dak	0	D	(-)	(-)	(-)	D	(-)	(-)	(-)
S Dak	0	D	(-)	(-)	(-)	D	(-)	(-)	(-)
Nebr	0	D	(-)	0	(-)	D	(-)	-39	(-)
Kans	1	2	1	400	40	0.1	6.9	(-)	1
Del	6	12	5	(-)	(-)	0.7	7.5	(-)	(-)
Md	59	138	61	32	8	7.4	8.2	18	12
DC	2	2	1	(-)	(-)	0.1	9.6	(-)	(-)
Va	38	89	39	42	-3	4.9	8.0	32	0
W Va	10	25	11	42	-12	1.2	9.0	-1	-3
NC	16	23	10	-32	4	2.2	4.7	-37	-3
SC	12	42	18	63	28	2.7	6.9	-5	14
Ga	17	50	22	74	16	3.8	5.9	-2	1
Fla	75	211	94	40	31	13.0	7.2	8	5
Ky	D	42	18	78	-2	2.0	9.4	5	-2
Tenn	D	22	10	46	3	1.3	7.1	6	-5
Ala	32	76	34	-1	8	3.8	8.8	7	1
Miss	18	56	25	60	21	3.3	7.6	24	-2
Ark	1	6	3	280	37	0.3	8.5	-77	5
La	253	824	365	24	27	39.1	9.3	22	-6
Okla	0	D	(-)	(-)	(-)	D	(-)	(-)	(-)
Tex	170	504	223	41	22	22.0	10.2	46	17
Mont	0	0	0	0	68	0.0	3.8	(-)	35
Idaho	D	D	(-)	(-)	(-)	D	(-)	(-)	(-)
Wyo	0	0	0	100	-80	0.0	4.0	(-)	-16
Colo	0	D	(-)	(-)	(-)	D	(-)	(-)	(-)
N Mex	D	D	(-)	(-)	(-)	D	(-)	(-)	(-)
Ariz	D	D	(-)	(-)	(-)	0.0	(-)	(-)	(-)
Utah	D	2	1	900	50	0.2	4.9	(-)	-6
Nev	0	1	1	(-)	0	0.2	3.9	(-)	-23
Wash	112	233	103	-24	16	8.0	12.9	0	2
Oreg	36	73	33	(-)	2	2.6	12.7	(-)	-2
Calif	302	515	228	-30	-8	18.5	12.3	2	-9
Alaska	11	41	18	133	-34	1.4	13.1	30	-16
Hawaii	21	48	21	-16	-1	1.9	11.0	7	-2

Note: Numbers were rounded after calculations were performed.

D: Not disclosed by Census Bureau.

(-): Cannot be calculated from census materials.

Sources: U.S. Department of Commerce, Bureau of Economic Analysis, Regional Economic Information System, Annual Employment and Personal Income for States, 1967-1980; and authors' calculations.

Table 2.26.--Changes in SIC 45: Transportation by Air, 1967-1980, Minnesota and Other States

State	Earnings (wages and salaries, in millions)			Percent Change in Real Earnings		Employment 1980 (000)	Real Earnings Per Employee		
	1972	1980	1980 (in 1972 dollars)	1967-1977	1977-1980		1980 (000)	% Change	
								1967-1977	1977-1980
U.S.	\$5,123	\$12,900	\$5,716	55%	10%	456	\$12.5	20%	-7%
Maine	D	10	5	(-)	27	0.6	8.5	(-)	-10
NH	D	4	2	120	64	0.3	6.8	10	-11
Vt	1	6	3	100	35	0.4	7.7	9	-18
Mass	114	279	124	51	15	10.0	12.3	50	-8
RI	3	7	3	(-)	0	0.4	9.0	(-)	-4
Conn	12	54	24	184	23	2.7	8.9	11	-13
NY	933	1,731	767	25	-6	55.8	13.7	22	-7
NJ	109	242	107	36	8	9.9	10.8	1	-13
Pa	116	261	116	75	14	10.9	10.6	17	-6
Ohio	59	192	85	60	17	7.9	10.7	14	-2
Ind	20	49	22	2	9	2.4	9.0	-1	-8
Ill	356	843	374	54	4	29.1	12.9	24	-6
Mich	63	165	73	24	14	6.8	10.7	18	-6
Wis	14	42	19	75	19	2.0	9.1	18	-10
Minn	114	381	169	59	17	12.2	13.8	25	-5
Iowa	8	19	9	73	-10	1.0	8.1	6	-9
Mo	211	493	218	37	-2	17.1	12.8	23	-9
N Dak	2	6	3	100	17	0.3	9.0	11	-4
S Dak	3	7	3	83	-6	0.3	9.3	21	-14
Nebr	8	19	8	36	-3	1.0	9.0	8	-8
Kans	8	24	11	106	8	1.2	8.7	20	-9
Del	1	D	(-)	(-)	(-)	D	(-)	(-)	(-)
Md	16	44	20	(-)	(-)	2.2	8.7	(-)	(-)
DC	35	D	(-)	(-)	(-)	D	(-)	(-)	(-)
Va	133	370	164	97	3	12.1	13.5	41	-10
W Va	3	8	4	71	3	0.5	6.9	-1	-17
NC	47	134	60	65	20	5.9	10.1	30	-12
SC	8	21	9	42	9	1.1	8.2	5	-11
Ga	263	818	363	123	18	26.2	13.8	31	-7
Fla	487	1,140	505	40	13	41.7	12.1	16	-12
Ky	17	41	18	66	0	1.8	10.3	21	-9
Tenn	35	199	88	136	62	7.9	11.2	16	-1
Ala	D	24	11	63	23	1.2	9.2	11	-9
Miss	6	14	6	133	-5	0.6	9.2	14	-0
Ark	D	18	8	94	28	1.0	8.1	-6	-12
La	50	162	72	104	28	6.3	11.5	20	-6
Okla	103	258	114	35	12	9.6	11.9	22	-8
Tex	324	1,056	468	73	26	36.1	13.0	20	-2
Mont	5	13	6	65	-5	0.6	9.0	9	-12
Idaho	4	10	5	48	24	0.6	8.1	17	-16
Wyo	3	9	4	87	43	0.5	8.3	10	-6
Colo	112	396	175	86	37	13.8	12.7	20	-6
N Mex	8	23	10	17	44	1.2	8.5	-6	4
Ariz	31	122	54	115	22	4.8	11.3	20	-5
Utah	14	44	19	67	30	2.0	9.8	20	-13
Nev	17	69	30	281	9	3.2	9.6	34	-18
Wash	102	282	125	74	-2	9.5	13.2	18	-8
Oreg	18	46	21	97	-3	2.1	9.7	32	-20
Calif	984	2,330	1,033	55	6	76.8	13.4	18	-5
Alaska	44	150	67	120	7	5.2	12.7	12	-12
Hawaii	80	237	105	90	20	8.2	12.8	22	1

Note: Numbers were rounded after calculations were performed.

D: Not disclosed by Census Bureau.

(-): Cannot be calculated from census materials.

Sources: U.S. Department of Commerce, Bureau of Economic Analysis, Regional Economic Information System, Annual Employment and Personal Income for States, 1967-1980; and authors' calculations.

Nevertheless, from a comparative standpoint, the air transport industry's wage and salary earnings in Minnesota in 1980 were exceeded in only eight states (Figure 2.9). The six states with the leading national and international airports (California, New York, Florida, Texas, Illinois, and Georgia) had over 60 percent of the industry's wages and salaries. Meanwhile, eight states saw real earnings per employee rise faster or fall less steeply than Minnesota's during the 1977-80 period. Minnesota's real earnings per employee in 1980 at \$13,800 were second highest among the states and the District of Columbia in the air transport industry.

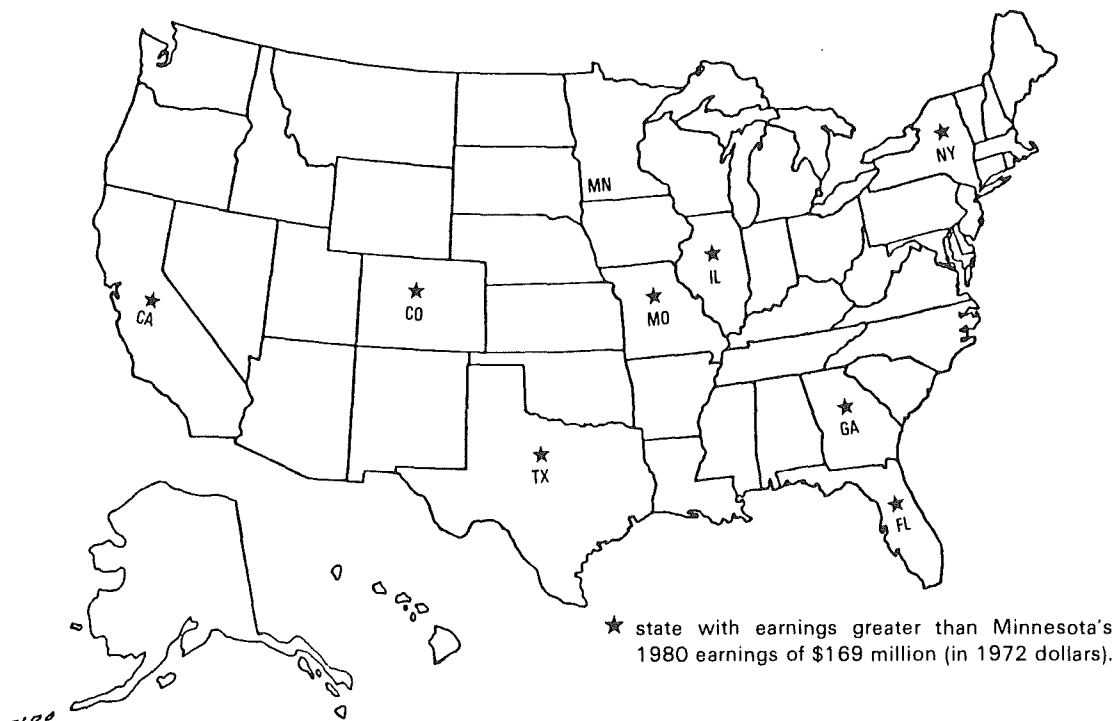
Pipelines except Natural Gas (SIC 46)

This is the smallest industry in the sector in terms of earnings and employment, but it is exceptionally important in terms of capital investment and the large volumes of material moved (mainly petroleum and petroleum products). Earnings nationwide were \$617 million in 1980, and real earnings nationwide had advanced in both the 1967-77 (13 percent) and 1977-80 (19 percent) periods. In Minnesota, only \$3 million in real earnings were reported for about 200 workers in 1980. Changes in real earnings in the Minnesota industry have been below the high rates of advance nationally.

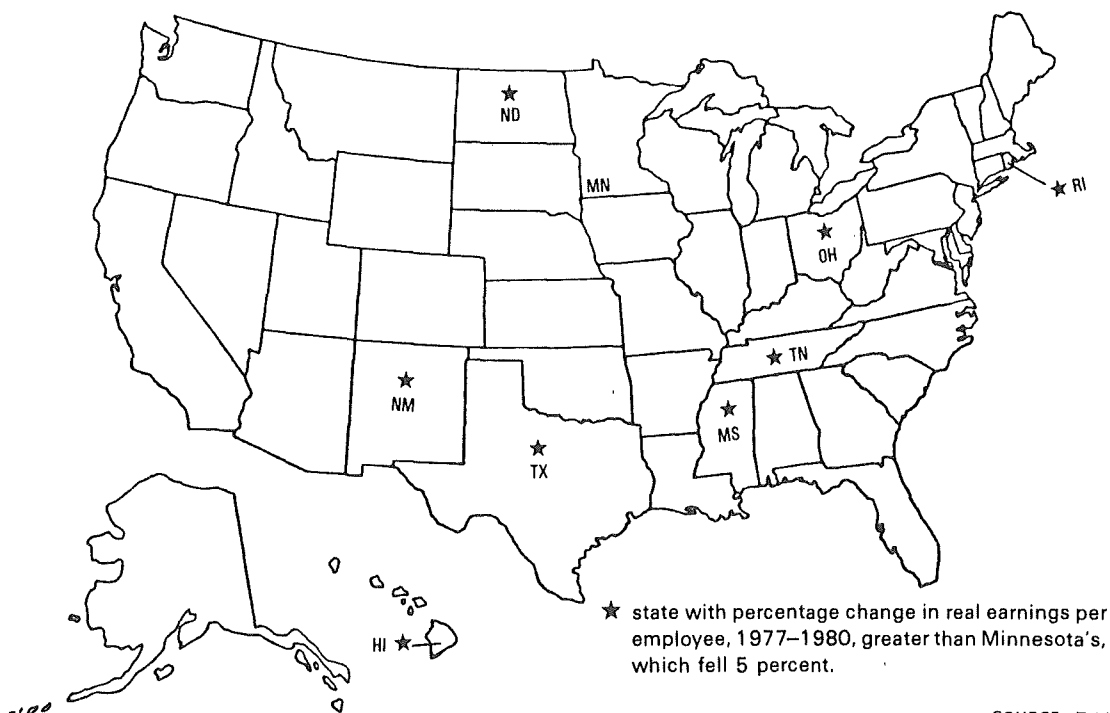
Transportation Services (SIC 47)

The transportation services industry includes establishments furnishing services incidental to transportation, such as forwarding and packing services and the arrangement of passenger and freight transportation. The industry has grown rapidly, especially in the 1967-77 period. Earnings nationwide rose from under a billion dollars in 1967 to over \$4 billion in 1980. Real earnings (in constant 1972 dollars) rose 69 percent in the

Transportation by Air (SIC 45) : Earnings, by State, 1980



Transportation by Air (SIC 45) : Percentage Change in Real Earnings per Employee, 1977–1980



SOURCE : Table 2.26

Figure 2.9 – Earnings in the air transportation industry.

1967-77 period, slowing to a still healthy 11 percent rise between 1977 and 1980 (Table 2.27).

Employment rose by 50 percent nationwide in the earlier period, but because real earnings rose even faster, real earnings per employee rose from \$9,000 in 1967 to \$10,100 in 1977. Then, more recently, employment growth exceeded real earnings growth so that real earnings per employee dropped by 14 percent to \$8,700 in 1980. Minnesota followed the directions of national trends in changes in real earnings and real earnings per employee.

There were 14 states that exceeded Minnesota's real earnings of \$30 million in 1980 (Figure 2.10). The leading states of New York, California, Texas, Illinois, and Florida received over 50 percent of total earnings nationwide. There were 32 states that had a percentage change in real earnings per employee, 1977-80, greater than Minnesota's, which declined 18 percent (Figure 2.10).

Communications (SIC 48)

The communications industry is the giant of the sector, with \$35 billion in 1980 wage and salary earnings nationwide and \$487 million in Minnesota. It includes telephone, telegraph, radio and television, cable-vision companies, and all related telecommunications establishments using wire or radar. Nationwide earnings rose rapidly from a base of \$8 billion in 1967. In the familiar pattern, fast growth of real earnings in the earlier period (1967-77) was followed by slower growth later (1977-80). The employment at first rose slowly compared to real earnings, then rose much faster compared to real earnings so that real earnings per employee rose from \$9,600 to \$12,300, then fell to \$11,400 in 1980 (Table 2.28).

Table 2.27.-- Changes in SIC 47: Transportation Services, 1967-1980, Minnesota and Other States

State	Earnings (wages and salaries, in millions)			Percent Change in Real Earnings		Employment 1980 (000)	Real Earnings Per Employee		
	1972	1980	1980 (in 1972 dollars)	1967-1977	1977-1980		1980 (000)	% Change	
								1967-1977	1977-1980
U.S.	\$1,181	\$4,004	\$1,774	69%	11%	204	\$8.7	13%	-14%
Maine	2	5	2	91	5	0.3	6.4	-25	-18
NH	1	6	3	250	29	0.4	7.4	52	-16
Vt	1	4	2	20	58	0.3	7.3	-31	-23
Mass	33	91	40	58	13	5.4	7.4	61	-14
RI	3	7	3	48	-3	0.5	6.3	-18	-8
Conn	15	73	32	255	36	3.8	8.6	-2	-7
NY	297	686	304	11	2	32.6	9.3	-0	-8
NJ	58	139	62	190	-6	7.2	8.5	26	-15
Pa	43	138	61	68	4	8.0	7.7	7	-16
Ohio	33	111	49	86	7	5.4	9.1	31	-18
Ind	12	60	27	151	6	2.0	13.1	66	-20
Ill	97	286	127	34	11	14.2	8.9	6	-13
Mich	30	93	41	99	-11	4.8	8.5	15	-14
Wis	10	53	24	137	7	2.3	10.2	47	-23
Minn	13	67	30	226	2	3.3	9.1	18	-18
Iowa	6	26	12	158	12	1.2	9.7	37	-15
Mo	26	81	36	46	-1	3.3	10.7	57	-17
N Dak	1	6	2	100	4	0.2	10.2	40	-28
S Dak	1	6	2	64	33	0.2	15.0	26	55
Nebr	5	34	15	4	164	1.4	10.6	77	-15
Kans	6	44	20	314	13	2.1	9.1	31	-17
Del	1	4	2	(-)	(-)	0.2	8.4	(-)	(-)
Md	14	62	27	106	14	3.2	8.4	-4	-5
DC	29	46	20	(-)	(-)	2.4	8.6	(-)	(-)
Va	D	49	22	130	17	3.0	7.3	8	-17
W Va	2	6	3	145	-4	0.2	12.2	-4	-8
NC	8	31	14	143	11	1.5	9.3	44	-15
SC	-	19	8	(-)	37	1.1	7.6	-	-35
Ga	13	60	26	101	20	3.4	7.8	42	-16
Fla	37	187	83	326	26	11.6	7.1	5	-9
Ky	8	23	10	39	15	1.1	9.2	206	-25
Tenn	8	41	18	(-)	14	1.7	11.0	(-)	-16
Ala	7	20	9	(-)	-3	0.9	9.1	(-)	-10
Miss	2	11	5	543	11	0.5	9.6	15	-26
Ark	2	16	7	436	24	0.5	15.8	135	-17
La	22	81	36	39	9	3.5	10.2	59	-11
Okla	5	31	14	(-)	(-)	1.2	11.3	(-)	(-)
Tex	44	300	133	204	29	14.1	9.4	47	-15
Mont	1	D	(-)	(-)	(-)	D	(-)	(-)	(-)
Idaho	1	D	(-)	(-)	(-)	D	(-)	(-)	(-)
Wyo	0	4	2	260	11	0.2	10.9	16	-25
Colo	6	42	19	(-)	32	2.5	7.4	(-)	-13
N Mex	D	9	4	(-)	(-)	0.3	12.1	(-)	(-)
Ariz	D	32	14	(-)	(-)	2.1	7.0	(-)	(-)
Utah	3	13	6	(-)	(-)	0.7	7.8	(-)	-12
Nev	D	12	5	1,350	-9	0.9	6.0	7	-29
Wash	24	110	49	105	27	5.6	8.7	6	-9
Oreg	D	53	23	162	18	2.6	9.2	34	-27
Calif	189	644	285	51	14	34.6	8.2	-1	-18
Alaska	2	13	6	1,080	-5	0.5	11.3	-6	-23
Hawaii	15	52	23	172	-3	4.1	5.7	0	-10

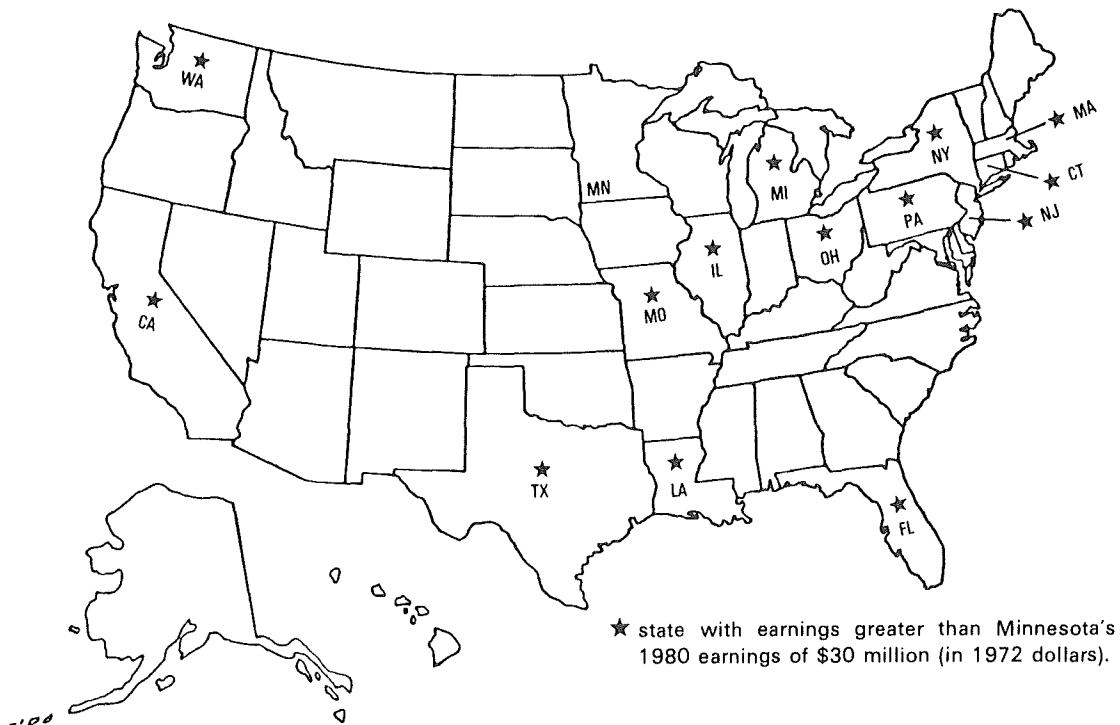
Note: Numbers were rounded after calculations were performed.

D: Not disclosed by Census Bureau.

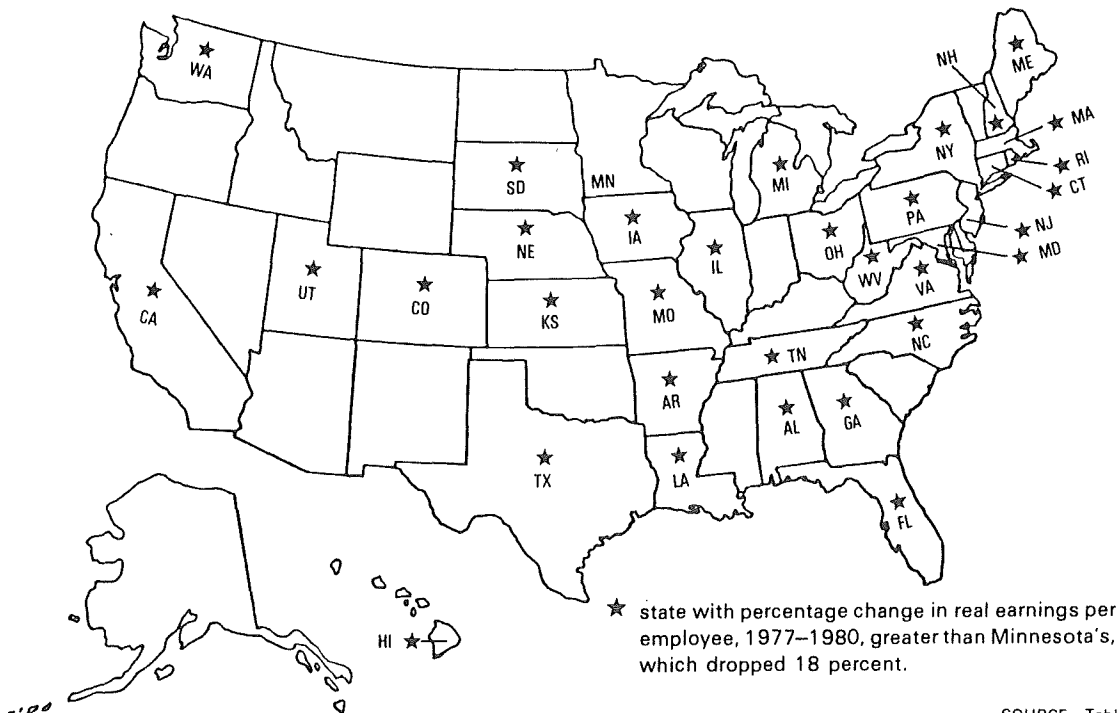
(-): Cannot be calculated from census materials.

Sources: U.S. Department of Commerce, Bureau of Economic Analysis, Regional Economic Information System, Annual Employment and Personal Income for States, 1967-1980; and authors' calculations.

Transportation Services (SIC 47) : Earnings, by State, 1980



Transportation Services (SIC 47) : Percentage Change in Real Earnings per Employee, 1977-1980



SOURCE : Table 2.27

Figure 2.10 - Earnings in the transportation services industry.

There were 21 states that exceeded Minnesota's real earnings of \$216 million in 1980 (Figure 2.11). The leading states are in the Northeast and in the fast-growing Sunbelt. Only a handful of states did better than Minnesota in change in real earnings per employee, 1977 to 1980 (Figure 2.11). All states showed a decline on the measure, but for most states the drop was a bit steeper than in Minnesota.

Electric, Gas and Sanitary
Services (SIC 49)

This large industry group includes establishments that generate, transmit, and distribute electricity, gas, and steam; water and irrigation systems; and systems that collect and dispose of garbage and sewage. It has expanded since 1967 due to population increases, higher consumer incomes and a tendency for some of these services to increase their sales even faster than business incomes and consumer disposable incomes rise. The rapid rise in gas prices in the 1970s stimulated additional wage and salary payments. Nevertheless, many of these services are provided through companies and public agencies that have regulated price structures, so earnings and employment levels may have been held somewhat in check.

Earnings nationwide were \$21 billion in 1980, up from \$6 billion in 1967 (Table 2.29). Real earnings rose 29 percent in the nation between 1967 and 1977, but rose only 4 percent between 1977 and 1980. The Minnesota picture was similar to the national profile.

Employment growth lagged real earnings growth in the first period, but the reverse occurred nationwide 1977-80. Thus, real earnings per employee rose from \$11,000 in 1967 to \$12,100 in 1977, then dropped back to \$11,400 in 1980.

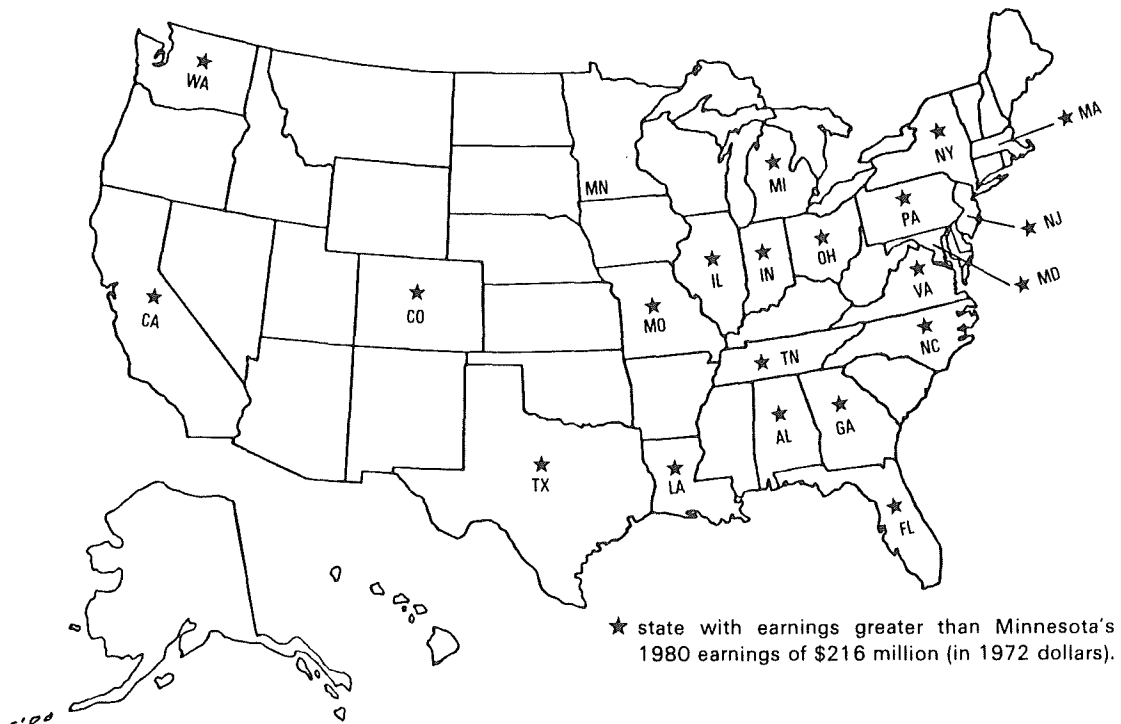
Table 2.28.--Changes in SIC 48: Communication, 1967-1980, Minnesota and Other States

State	Earnings (wages and salaries, in millions)			Percent Change in Real Earnings		Employment 1980 (000)	Real Earnings Per Employee		
	1972	1980	1980 (in 1972 dollars)	1967- 1977	1977- 1980		1980 (000)	% Change	
								1967- 1977	1977- 1980
U.S.	\$14,141	\$34,902	\$15,465	58%	6%	1,355	\$11.4	28%	-7%
Maine	56	119	53	61	-8	5.1	10.4	31	-8
NH	52	131	58	84	7	5.1	11.5	33	-3
Vt	28	63	28	66	1	2.6	10.7	29	-3
Mass	492	1,031	457	57	-1	37.3	12.2	80	-7
RI	52	98	44	17	5	3.7	11.9	33	-4
Conn	205	461	204	44	2	17.8	11.4	31	-11
NY	2,144	4,043	1,791	30	-1	134.1	13.4	27	-7
NJ	517	1,609	713	110	11	53.7	13.3	49	-8
Pa	686	1,435	636	38	-3	54.7	11.6	28	-6
Ohio	636	1,385	614	49	-1	54.5	12.2	29	-7
Ind	265	606	268	42	1	26.2	10.3	26	-9
Ill	792	1,682	745	35	-2	62.6	11.9	28	-8
Mich	493	1,167	517	38	5	43.8	11.8	21	-5
Wis	216	480	213	43	2	20.1	10.6	26	-5
Minn	195	487	216	52	5	20.3	10.6	26	-5
Iowa	133	324	144	42	2	14.4	10.0	29	-7
Mo	308	815	361	54	12	32.2	11.2	32	-8
N Dak	35	92	41	50	7	3.9	10.3	25	-7
S Dak	30	76	34	46	1	3.3	10.0	28	-7
Nebr	107	302	134	62	10	12.9	10.4	26	-6
Kans	106	307	136	67	12	13.0	10.5	35	-6
Del	27	58	26	42	-7	2.3	11.2	25	-5
Md	241	578	256	57	4	21.9	11.6	30	-7
DC	197	419	186	35	-5	12.8	14.5	30	-5
Va	270	733	325	76	11	30.7	10.6	31	-8
W Va	94	218	97	49	4	9.5	10.1	30	-10
NC	255	649	288	77	8	29.2	9.8	32	-6
SC	113	327	145	91	10	14.5	10.0	35	-5
Ga	312	904	400	81	15	36.0	11.1	37	-5
Fla	579	1,712	759	139	16	69.4	10.9	37	-5
Ky	134	372	165	84	3	16.4	10.0	32	-8
Tenn	197	518	229	72	3	23.4	9.8	28	-7
Ala	173	507	224	111	4	21.4	10.5	38	-7
Miss	94	254	112	93	3	11.4	9.8	30	-7
Ark	77	242	107	106	7	10.7	10.0	34	-5
La	188	546	242	90	6	22.8	10.6	33	-5
Okla	132	398	177	78	15	16.9	10.4	32	-6
Tex	626	1,873	830	106	3	83.7	9.9	32	-12
Mont	39	122	54	64	7	5.2	10.4	28	-9
Idaho	37	118	52	84	9	5.3	10.0	40	-15
Wyo	22	86	38	118	22	3.7	10.4	29	-5
Colo	192	610	270	104	20	22.9	11.8	31	-4
N Mex	58	174	77	69	16	7.5	10.3	28	-5
Ariz	121	372	165	102	21	14.3	11.5	32	-2
Utah	57	186	82	71	19	7.6	10.9	32	-3
Nev	58	173	76	88	21	7.2	10.6	18	-6
Wash	220	665	295	57	21	26.6	11.1	23	-7
Oreg	142	391	173	58	13	16.3	10.7	32	-13
Calif	1,799	4,616	2,045	42	13	172.5	11.8	24	-5
Alaska	51	186	82	137	5	4.4	18.7	10	-12
Hawaii	90	187	83	95	6	7.0	11.8	13	-1

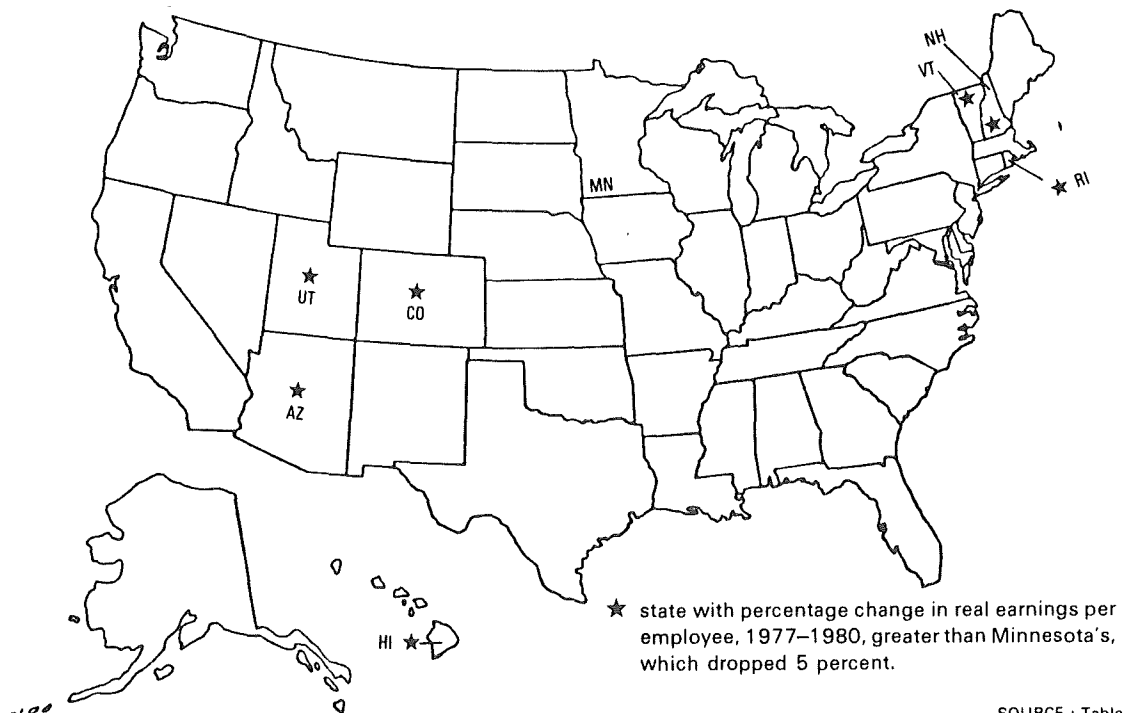
Note: Numbers were rounded after calculations were performed.

Sources: U.S. Department of Commerce, Bureau of Economic Analysis, Regional Economic Information System, Annual Employment and Personal Income for States, 1967-1980; authors' calculations.

Communication (SIC 48) : Earnings, by State, 1980



Communication (SIC 48) : Percentage Change in Real Earnings per Employee, 1977-1980



SOURCE : Table 2.28

Figure 2.11- Earnings in the communication industry.

Table 2.29.--Changes in SIC 49: Electric, Gas and Sanitary Services, 1967-1980,
Minnesota and Other States

State	Earnings (wages and salaries, in millions)			Percent Change in Real Earnings		Employment 1980 (000)	Real Earnings Per Employee		
	1972	1980	1980 (in 1972 dollars)	1967- 1977	1977- 1980		1980 (000)	% Change	
								1967- 1977	1977- 1980
U.S.	\$9,327	\$21,308	\$9,442	29%	4%	826	\$11.4	11%	-6%
Maine	36	69	31	15	-0	3.3	9.3	9	-5
NH	32	71	31	20	12	3.0	10.4	9	-6
Vt	18	38	17	32	1	1.6	10.4	14	-0
Mass	270	499	221	8	-4	18.7	11.8	15	-5
RI	40	59	26	-15	-11	2.6	10.0	1	-8
Conn	154	296	131	17	-1	11.1	11.8	5	-4
NY	814	1,623	719	18	-6	57.7	12.5	17	-8
NJ	372	700	310	10	-2	25.6	12.1	9	-4
Pa	695	1,322	586	18	-8	48.2	12.2	13	-6
Ohio	492	1,022	453	22	-1	40.3	11.2	15	-11
Ind	254	567	251	28	2	23.2	10.8	6	-5
Ill	570	1,111	492	19	-6	39.7	12.4	10	-11
Mich	483	1,006	446	17	4	36.1	12.3	5	-4
Wis	193	427	189	17	3	16.6	11.4	5	-6
Minn	181	408	181	21	4	14.2	12.7	11	-2
Iowa	122	269	119	34	-11	10.6	11.3	6	-4
Mo	248	540	239	16	2	20.8	11.5	9	-6
N Dak	33	111	49	50	38	3.9	12.5	14	7
S Dak	28	61	27	11	4	2.4	11.0	11	0
Nebr	42	102	45	16	13	4.1	11.0	13	-3
Kans	109	260	115	22	6	11.3	10.2	13	-4
Del	33	D	(-)	(-)	(-)	D	(-)	(-)	(-)
Md	166	358	158	26	1	13.6	11.7	15	-5
DC	58	D	(-)	(-)	(-)	D	(-)	(-)	(-)
Va	145	363	161	51	7	16.3	9.9	9	-6
W Va	131	291	129	18	2	12.7	10.1	16	-7
NC	175	530	235	98	13	23.4	10.0	12	-5
SC	101	313	139	104	30	13.8	10.0	17	-7
Ga	177	516	228	67	10	20.3	11.2	17	-2
Fla	274	708	314	70	10	27.1	11.6	13	-3
Ky	138	318	141	38	8	13.4	10.5	9	-3
Tenn	48	100	45	29	-1	4.2	10.6	6	-8
Ala	137	377	167	53	14	15.8	10.6	7	-9
Miss	79	193	85	29	8	8.5	10.1	6	-6
Ark	74	189	84	29	7	9.0	9.3	11	-6
La	166	434	192	16	22	17.5	11.0	7	3
Okla	120	316	140	42	3	13.1	10.6	22	-7
Tex	576	1,702	754	50	17	69.3	10.9	16	-3
Mont	34	102	45	38	20	4.1	11.0	13	-4
Idaho	32	83	37	26	8	3.5	10.5	10	-5
Wyo	26	96	43	80	32	3.2	13.2	9	4
Colo	120	323	143	54	13	12.4	11.6	11	-2
N Mex	69	221	98	61	14	8.8	11.2	22	-5
Ariz	115	347	154	76	18	13.2	11.6	15	-3
Utah	42	164	73	74	24	6.5	11.2	11	-1
Nev	32	103	46	71	26	4.0	11.3	11	-8
Wash	74	193	85	29	14	7.3	11.7	10	-4
Oreg	96	247	109	23	13	7.9	13.8	17	-2
Calif	850	1,855	822	24	2	70.0	11.7	10	-6
Alaska	19	56	25	115	-2	1.4	18.2	16	-7
Hawaii	36	69	31	16	-1	2.6	11.9	13	-4

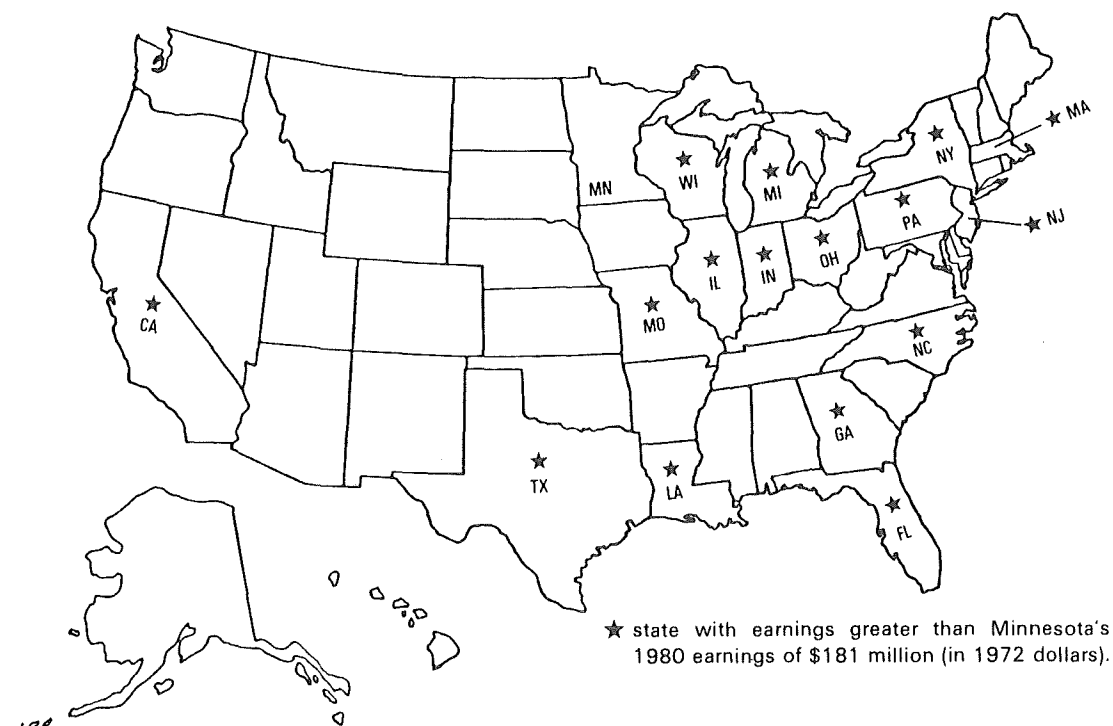
Note: Numbers were rounded after calculations were performed.

D: Not disclosed by Census Bureau.

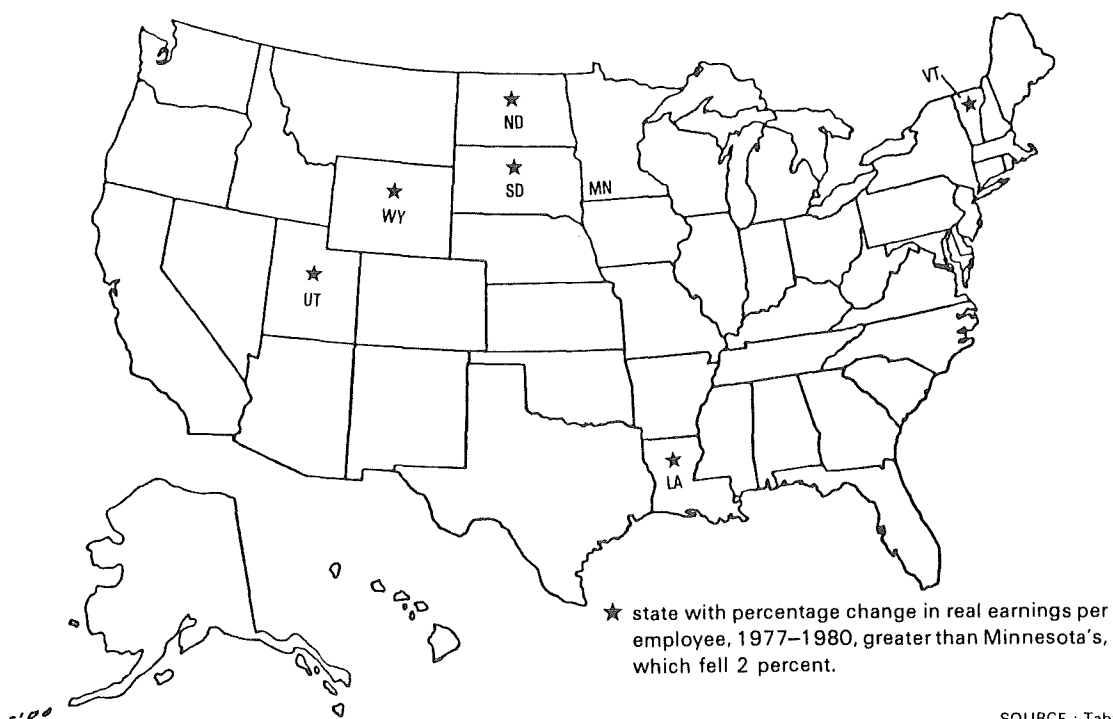
(-): Cannot be calculated from census materials.

Sources: U.S. Department of Commerce, Bureau of Economic Analysis, Regional Economic Information System, Annual Employment and Personal Income for States, 1967-1980; and authors' calculations.

Electric, Gas, and Sanitary Services (SIC 49) : Earnings, by State, 1980



Electric, Gas, and Sanitary Services (SIC 49) : Percentage Change in Real Earnings per Employee, 1977-1980



SOURCE : Table 2.29

Figure 2.12 – Earnings in the electric, gas, and sanitary services industry.

The 16 states that exceeded Minnesota's real earnings for the industry in 1980 included the large states of the Northeast and the Sunbelt (Figure 2.12). Employee compensation levels are higher than the national average in Minnesota. Only six states had percentage changes in real earnings per employee, 1977-80, that were higher than Minnesota's (Figure 2.12).

Part 3

Appendix:

Data Base Tables for Agriculture and Agricultural Services;
Finance, Insurance, and Real Estate; and Transportation,
Communications, and Utilities

KEY TO TABLE SYMBOLS

- None.
D Not Disclosed by Census Bureau.
(-) Cannot be calculated.
NA Not available.
NR Not reported on by Census Bureau.

GEOGRAPHIC DIVISION ABBREVIATIONS AND NAMES

NE New England
MA Middle Atlantic
ENC East North Central
WNC West North Central
SA South Atlantic
ESC East South Central
WSC West South Central
MT Mountain
PAC Pacific

NOTES

- Throughout the tables of this Appendix (and the entire report), conversions of current dollar figures into 1972 dollars were achieved by the use of the Producer Price Index.
- Some numbers in the tables of this Appendix (Part 3) disagree with those presented in the tables of Part 2. The discrepancies arise from the use of different rounding procedures.

SIC 011: CASH GRAIN FARMS (With annual sales of \$2,500 or more)

	Sales (Current dollars; millions)			Real Sales (1972 dollars; millions)			Percent Change in Real Sales	
	1969	1974	1978	1969	1974	1978	1969- 1974	1974- 1978
U.S.	\$6,631.1	\$23,673.0	\$24,467.9	\$7,413.6	\$17,612.7	\$13,922.2	137.6%	-21.0%
NE:								
Maine	0.1	1.5	0.8	.1	1.1	.4	1,000.0	-63.6
NH	-	0	0.0	(-)	(-)	0.0	(-)	(-)
Vt	0.0	0.1	0.1	.0	.1	.1	400.0	.0
Mass	0.0	0.1	0.1	.0	.1	.1	150.0	.0
RI	-	0	0.0	(-)	(-)	0.0	(-)	(-)
Conn	0.0	0.2	0.3	.0	.1	.2	900.0	100.0
MA:								
NY	16.9	67.8	69.4	18.9	50.4	39.5	166.7	-21.6
NJ	5.4	28.4	42.2	6.0	21.1	24.0	251.7	13.7
Pa	17.4	91.6	97.4	19.5	68.2	55.4	249.7	-18.8
ENC:								
Ohio	259.2	1,026.5	1,261.9	289.8	763.7	718.0	163.5	-6.0
Ind	450.8	1,473.3	1,766.5	504.0	1,096.1	1,005.1	117.5	-8.3
Ill	1,162.2	3,095.0	3,698.3	1,299.3	2,302.7	2,104.3	77.2	-8.6
Mich	104.7	394.5	462.7	117.1	293.5	263.3	150.6	-10.3
Wis	28.5	154.8	220.1	31.9	115.2	125.2	261.1	8.7
WNC:								
Minn	322.7	1,403.0	1,641.1	360.8	1,043.8	933.8	189.3	-10.5
Iowa	579.2	2,571.4	2,688.0	647.5	1,913.1	1,529.5	195.5	-20.1
Mo	242.2	922.9	1,113.7	270.8	686.6	633.7	153.5	-7.7
N Dak	412.5	1,257.8	1,127.7	461.2	935.8	641.7	102.9	-31.4
S Dak	103.2	448.0	376.7	115.4	333.3	214.3	188.8	-35.7
Nebr	381.7	1,383.4	1,543.5	426.7	1,029.2	878.3	141.2	-14.7
Kans	427.7	1,700.1	1,259.0	478.2	1,264.9	716.4	164.5	-43.4
SA:								
Del	15.9	53.0	56.9	17.8	39.4	32.4	121.3	-17.8
Md	37.6	150.5	140.8	42.0	112.0	80.1	166.7	-28.5
DC	NR	NR	NR	(-)	(-)	(-)	(-)	(-)
VA	27.3	136.6	124.9	30.5	101.6	71.1	233.1	-30.0
W Va	0.6	3.6	3.2	.7	2.7	1.8	285.7	-33.3
NC	43.6	250.8	224.2	48.7	186.6	127.6	283.2	-31.6
SC	31.9	146.0	175.5	35.7	108.6	99.9	204.2	-8.0
Ga	23.8	210.8	167.4	26.6	156.8	95.3	489.5	-39.2
Fla	14.1	64.2	54.3	15.8	47.8	30.9	202.5	-35.4
ESC:								
Ky	0	273.6	360.3	(-)	203.6	205.0	(-)	.7
Tenn	55.3	238.2	327.5	61.8	177.2	186.3	186.7	5.1
Ala	26.9	136.5	178.7	30.1	101.6	101.7	237.5	.1
Miss	96.5	291.2	454.7	107.9	216.7	258.7	100.8	19.4
WSC:								
Ark	309.0	855.7	990.7	345.5	636.6	563.7	84.3	-11.5
La	152.9	501.9	563.8	170.9	373.4	320.8	118.5	-14.1
Okla	125.8	509.5	304.2	140.6	379.1	173.1	169.6	-54.3
Tex	438.9	1,315.2	973.5	490.7	978.5	553.9	99.4	-43.4
MT:								
Mont	142.7	465.0	401.1	159.5	346.0	228.2	116.9	-34.0
Idaho	70.8	299.0	268.6	79.2	222.5	152.8	180.9	-31.3
Wyo	7.1	37.5	26.1	7.9	27.9	14.9	253.2	-46.6
Colo	69.8	373.8	291.0	78.0	278.1	165.6	256.5	-40.5
N Mex	14.2	42.4	37.8	15.9	31.5	21.5	98.1	-31.7
Ariz	14.0	30.9	10.5	15.7	23.0	6.0	46.5	-73.9
Utah	5.6	22.2	17.9	6.3	16.5	10.2	161.9	-38.2
Nev	0.6	1.9	1.2	.7	1.4	.7	100.0	-50.0
PAC:								
Wash	129.7	492.2	418.9	145.0	366.2	238.4	152.6	-34.9
Oreg	39.3	195.9	136.5	43.9	145.7	77.7	231.9	-46.7
Calif	169.8	467.8	385.8	189.8	348.0	219.5	83.4	-36.9
Alaska	0.0	0.1	0.7	.0	.1	.4	150.0	300.0
Hawaii	-	86.3	1.3	(-)	64.2	.7	(-)	-99.0

SIC 011: CASH GRAIN FARMS (With annual sales of \$2,500 or more) (cont'd.)

Number of Farms			% Change in Number of Farms		Real Sales per Farm (1972 dollars; thousands)			% Change in Real Sales per Farm		
1969	1974	1978	1969- 1974	1974- 1978	1969	1974	1978	1969- 1974	1974- 1978	
369,312	580,254	525,600	57.1%	-9.4%	\$20.1	\$30.4	\$26.5	51.2%	-12.8%	U.S.
23	50	54	117.4	8.0	4.3	22.0	7.4	411.6	66.4	NE:
-	3	4	(-)	33.3	(-)	(-)	(-)	(-)	(-)	Maine
3	9	9	200.0	.0	6.7	11.1	11.1	66.7	.0	NH
3	13	5	333.3	-61.5	13.3	7.7	5.0	-42.1	-35.0	Vt
-	2	1	(-)	-50.0	(-)	(-)	(-)	(-)	(-)	Mass
2	8	15	300.0	87.5	5.0	12.5	13.3	150.0	6.7	RI
										Conn
1,308	2,920	2,309	123.2	-20.9	14.4	17.3	17.1	20.1	-1.2	MA:
439	1,113	1,379	153.5	23.9	13.7	19.0	17.4	38.7	-8.4	NY
1,916	5,794	5,125	202.4	-11.5	10.2	11.8	10.8	15.7	-8.5	NJ
										Pa
22,076	38,348	36,520	73.7	-4.8	13.1	19.9	19.7	51.9	-1.0	ENC:
28,672	43,821	40,700	52.8	-7.1	17.6	25.0	24.7	42.0	-1.2	Ohio
55,157	67,516	64,071	22.4	-5.1	23.6	34.1	32.8	44.5	-3.8	Ind
10,843	20,091	18,881	85.3	-6.0	10.8	14.6	13.9	35.2	-4.8	Ill
2,704	7,757	7,792	186.9	.5	11.8	14.9	16.1	26.3	8.1	Mich
										Wis
22,847	36,036	36,616	57.7	1.6	15.8	29.0	25.5	83.5	-12.1	WNC:
32,575	55,342	51,439	69.9	-7.1	19.9	34.6	29.7	73.9	-14.2	Minn
16,271	28,574	25,033	75.6	-12.4	16.6	24.0	25.3	44.6	5.4	Iowa
25,256	28,797	25,016	14.0	-13.1	18.3	32.5	25.7	77.6	-20.9	Mo
7,156	12,380	10,689	73.0	-13.7	16.1	26.9	20.0	67.1	-25.7	N Dak
21,329	30,039	28,623	40.8	-4.7	20.0	34.3	30.7	71.5	-10.5	S Dak
27,557	42,425	32,390	54.0	-23.7	17.4	29.8	22.1	71.3	-25.8	Nebr
										Kans
1,023	1,414	1,421	38.2	.5	17.4	27.9	22.8	60.3	-18.3	SA:
2,063	3,358	3,469	62.8	3.3	20.4	33.4	23.1	63.7	-30.8	Del
NR	NR	NR	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Md
1,852	4,396	3,674	137.4	-16.4	16.5	23.1	19.4	40.0	-16.0	DC
88	265	212	201.1	-20.0	8.0	10.2	8.5	27.5	-16.7	VA
3,379	11,366	9,308	236.4	-18.1	14.4	16.4	13.7	13.9	-16.5	W Va
2,358	5,835	5,873	147.5	.7	15.1	18.6	17.0	23.2	-8.6	Nc
1,876	7,466	5,539	298.0	-25.8	14.2	21.0	17.2	47.9	-18.1	SC
783	1,853	1,765	136.7	-4.7	20.2	25.8	17.5	27.7	-32.2	Ga
										Fla
3,144	9,525	9,325	203.0	-2.1	(-)	21.4	22.0	(-)	2.8	ESC:
3,680	9,577	9,603	160.2	.3	16.8	18.5	19.4	10.1	4.9	Ky
2,096	5,958	6,292	184.3	5.6	14.4	17.1	16.2	18.8	-5.3	Tenn
3,424	5,920	8,032	72.9	35.7	31.5	36.6	32.2	16.2	-12.0	Ala
										Miss
9,690	10,606	10,939	9.5	3.1	35.7	60.0	51.5	68.1	-14.2	WSC:
5,477	6,707	8,198	22.5	22.2	31.2	55.7	39.1	78.5	-29.8	Ark
10,011	16,175	10,108	61.6	-37.5	14.0	23.4	17.1	67.1	-26.9	La
17,246	22,825	13,983	32.3	-38.7	28.5	42.9	39.6	50.5	-7.7	Okla
										Tex
6,815	8,804	7,364	29.2	-16.4	23.4	39.3	31.0	67.9	-21.1	MT:
3,236	5,426	5,165	67.7	-4.8	24.5	41.0	29.6	67.3	-27.8	Mont
514	975	759	89.7	-22.2	15.4	28.6	19.6	85.7	-31.5	Idaho
4,156	7,117	5,749	71.2	-19.2	18.8	39.1	28.8	108.0	-26.3	Wyo
605	757	805	25.1	6.3	26.3	41.6	26.7	58.2	-35.8	Colo
231	305	124	32.0	-59.3	68.0	75.4	48.4	10.9	-35.8	N Mex
486	1,153	847	137.2	-26.5	13.0	14.3	12.0	10.0	-16.1	Ariz
29	50	28	72.4	-44.0	24.1	28.0	25.0	16.2	-10.7	Utah
										Nev
4,553	5,294	4,730	16.3	-10.7	31.8	69.2	50.4	117.6	-27.2	PAC:
1,678	3,050	2,258	81.8	-26.0	26.2	47.8	34.4	82.4	-28.0	Wash
2,679	3,020	3,316	12.7	9.8	70.8	115.2	66.2	62.7	-42.5	Oreg
3	7	9	133.3	28.6	13.3	14.3	44.4	7.1	111.1	Calif
-	12	6	(-)	-50.0	(-)	5,350.0	116.7	(-)	-97.8	Alaska
										Hawaii

Note: Figures for 1978 differ from Census Bureau figures, reflecting the exclusion here of farms with sales under \$2,500.

Sources: U.S. Department of Commerce, Bureau of the Census, Census of Agriculture, 1969, 1974, 1978.

SIC 0133; 0134; 0139: SUGAR CROP; IRISH POTATO; HAY, PEANUT, AND OTHER FIELD CROP FARMS
(With annual sales of \$2,500 or more)

	Sales (Current dollars; millions)			Real Sales (1972 dollars; millions)			Percent Change in Real Sales	
	1969	1974	1978	1969	1974	1978	1969- 1974	1974- 1978
U.S.	\$1,358.2	\$5,484.2	\$3,935.3	\$1,518.5	\$4,080.2	\$2,239.2	168.7%	-45.1%
NE:								
Maine	50.0	111.0	75.9	55.9	82.6	43.2	47.8	-47.7
NH	0.2	1.8	2.1	.2	1.3	1.2	550.0	-7.7
Vt	0.4	5.0	5.0	.4	3.7	2.8	825.0	-24.3
Mass	2.0	5.0	6.3	2.2	3.7	3.6	68.2	-2.7
RI	2.0	3.2	2.8	2.2	2.4	1.6	9.1	-33.3
Conn	2.2	4.4	4.4	2.5	3.3	2.5	32.0	-24.2
MA:								
NY	32.8	69.2	87.3	36.7	51.5	49.7	40.3	-3.5
NJ	7.7	12.0	14.1	8.6	8.9	8.0	3.5	-10.1
Pa	12.4	40.3	67.4	13.9	30.0	38.4	115.8	28.0
ENC:								
Ohio	7.2	31.4	23.6	8.0	23.4	13.4	192.5	-42.7
Ind	8.5	16.2	16.5	9.5	12.1	9.4	27.4	-22.3
Ill	1.3	6.0	11.2	1.5	4.5	6.4	200.0	42.2
Mich	26.2	99.8	80.9	29.3	74.3	46.0	153.6	-38.1
Wis	26.2	77.5	110.3	29.3	57.7	62.8	96.9	8.8
WNC:								
Minn	53.9	176.7	148.8	60.3	131.5	84.7	118.1	-35.6
Iowa	1.5	12.0	12.3	1.7	8.9	7.0	423.5	-21.3
Mo	0.7	22.1	27.4	.8	16.4	15.6	1,950.0	-4.9
N Dak	40.6	174.1	130.3	45.4	129.5	74.1	185.2	-42.8
S Dak	1.3	31.2	24.5	1.5	23.2	13.9	1,446.7	-40.1
Nebr	10.2	122.0	43.6	11.4	90.8	24.8	696.5	-72.7
Kans	4.5	62.4	D	5.0	46.4	(-)	828.0	(-)
SA:								
Del	3.7	6.6	6.2	4.1	4.9	3.5	19.5	-28.6
Md	1.1	3.7	4.3	1.2	2.8	2.4	133.3	-14.3
DC	NR	NR	NR	(-)	(-)	(-)	(-)	(-)
VA	38.7	60.9	82.7	43.3	45.3	47.1	4.6	4.0
W Va	0.5	3.7	3.9	.6	2.8	2.2	366.7	-21.4
NC	31.6	146.7	87.1	35.3	109.1	49.6	209.1	-54.5
SC	1.4	32.1	9.8	1.6	23.9	5.6	1,393.8	-76.6
Ga	82.0	327.0	291.3	91.7	243.3	165.7	165.3	-31.9
Fla	76.3	299.7	285.8	85.3	223.0	162.6	161.4	-27.1
ESC:								
Ky	1.6	28.2	9.8	1.8	21.0	5.6	1,066.7	-73.3
Tenn	1.4	18.7	8.9	1.6	13.9	5.1	768.8	-63.3
Ala	33.8	96.9	137.4	37.8	72.1	78.2	90.7	8.5
Miss	2.1	10.8	6.3	2.3	8.0	3.6	247.8	-55.0
WSC:								
Ark	0.3	10.3	8.2	.3	7.7	4.7	2,466.7	-39.0
La	66.1	317.7	111.0	73.9	236.4	63.2	219.9	-73.3
Okla	25.6	65.9	58.5	28.6	49.0	33.3	71.3	-32.0
Tex	60.7	233.3	170.4	67.9	173.6	97.0	155.7	-44.1
MT:								
Mont	16.4	82.2	52.5	18.3	61.2	29.9	234.4	-51.1
Idaho	146.6	506.1	379.7	163.9	376.5	216.0	129.7	-42.6
Wyo	11.1	74.1	35.7	12.4	55.1	20.3	344.4	-63.2
Colo	30.9	208.6	96.6	34.5	155.2	55.0	349.9	-64.6
N Mex	4.1	48.1	47.9	4.6	35.8	27.3	678.3	-23.7
Ariz	6.8	105.3	36.4	7.6	78.3	20.7	930.3	-73.6
Utah	5.6	40.7	33.8	6.3	30.3	19.2	381.0	-36.6
Nev	0.0	35.7	45.8	.0	26.6	26.1	66,400.0	-1.9
PAC:								
Wash	84.1	343.0	300.3	94.0	255.2	170.9	171.5	-33.0
Oreg	40.3	218.9	225.8	45.1	162.9	128.5	261.2	-21.1
Calif	74.0	690.7	245.4	82.7	513.9	139.6	521.4	-72.8
Alaska	0.5	1.9	1.5	.6	1.4	.9	133.3	-35.7
Hawaii	219.0	383.3	216.8	244.8	285.2	123.4	16.5	-56.7

SIC 0133; 0134; 0139: SUGAR CROP; IRISH POTATO; HAY, PEANUT, AND OTHER FIELD CROP FARMS
(With annual sales of \$2,500 or more) (cont'd.)

Number of Farms			% Change in Number of Farms		Real Sales per Farm (1972 dollars; thousands)			% Change in Real Sales per Farm		
1969	1974	1978	1969- 1974	1974- 1978	1969	1974	1978	1969- 1974	1974- 1978	
31,190	81,415	85,900	161.0%	5.5%	\$48.7	\$50.1	\$26.1	2.9%	-47.9%	U.S.
1,714	1,539	1,518	-10.2	-1.4	32.6	53.7	28.5	64.7	-46.9	NE:
10	179	310	1,690.0	73.2	20.0	7.3	3.9	-63.5	-46.6	Maine
14	421	471	2,907.1	11.9	28.6	8.8	5.9	-69.2	-33.0	NH
56	256	432	357.1	68.8	39.3	14.5	8.3	-63.1	-42.8	Vt
42	58	65	38.1	12.1	52.4	41.4	24.6	-21.0	-40.6	Mass
40	218	306	445.0	40.4	62.5	15.1	8.2	-75.8	-45.7	RI
										Conn
559	2,325	4,634	315.9	99.3	65.7	22.2	10.7	-66.2	-51.8	MA:
139	302	514	117.3	70.2	61.9	29.5	15.6	-52.3	-47.1	NY
368	1,823	5,036	395.4	176.2	37.8	16.5	7.6	-56.3	-53.9	NJ
										Pa
243	1,228	1,697	405.3	38.2	32.9	19.1	7.9	-41.9	-58.6	ENC:
138	657	980	376.1	49.2	68.3	18.4	9.6	-73.1	-47.8	Ohio
58	485	916	736.2	88.9	25.9	9.3	7.0	-64.1	-24.7	Ind
895	2,578	3,858	188.0	49.7	32.7	28.8	11.9	-11.9	-58.7	Ill
322	2,816	4,802	774.5	70.5	91.0	20.5	13.1	-77.5	-36.1	Mich
										Wis
1,165	3,507	3,037	201.0	-13.4	51.8	37.5	27.9	-27.6	-25.6	WNC:
58	678	839	1,069.0	23.7	29.3	13.1	8.3	-55.3	-36.6	Minn
82	2,125	3,017	2,491.5	42.0	9.8	7.7	5.2	-21.4	-32.5	Iowa
776	1,800	1,567	132.0	-12.9	58.5	71.9	47.3	22.9	-34.2	Mo
17	1,288	1,183	7,476.5	-8.2	88.2	18.0	11.7	-79.6	-35.0	N Dak
316	1,995	1,142	531.3	-42.8	36.1	45.5	21.7	26.0	-52.3	S Dak
100	1,226	1,227	1,126.0	.1	50.0	37.8	(-)	-24.4	(-)	Nebr
										Kans
40	50	50	25.0	.0	102.5	98.0	70.0	-4.4	-28.6	SA:
28	217	309	675.0	42.4	42.9	12.9	7.8	-69.9	-39.5	Del
NR	NR	NR	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Md
1,753	1,846	2,070	5.3	12.1	24.7	24.5	22.8	-.8	-6.9	DC
71	433	660	509.9	52.4	8.5	6.5	3.3	-23.5	-49.2	VA
1,600	2,882	2,015	80.1	-30.1	22.1	37.9	24.6	71.5	-35.1	W Va
82	523	416	537.8	-20.5	19.5	45.7	13.5	134.4	-70.5	NC
3,415	4,741	4,548	38.8	-4.1	26.9	51.3	36.4	90.7	-29.0	SC
659	1,082	1,407	64.2	30.0	129.4	206.1	115.6	59.3	-43.9	Ga
										Fla
124	2,268	1,101	1,729.0	-51.5	14.5	9.3	5.1	-35.9	-45.2	ESC:
183	1,937	1,151	958.5	-40.6	8.8	7.2	4.4	-18.2	-38.9	Ky
2,260	2,620	3,283	15.9	25.3	16.7	27.5	23.8	64.7	-13.5	Tenn
187	703	622	275.9	-11.5	12.3	11.4	5.8	-7.3	-49.1	Ala
										Miss
52	701	644	1,248.1	-8.1	5.8	11.0	7.3	89.7	-33.6	WSC:
2,120	1,887	1,599	-11.0	-15.3	34.9	125.3	39.5	259.0	-68.5	Ark
1,380	2,746	2,218	99.0	-19.2	20.7	17.8	15.0	-14.0	-15.7	La
2,824	6,835	5,910	142.0	-13.5	24.0	25.4	16.4	5.8	-35.4	Okla
										Tex
519	1,607	1,476	209.6	-8.2	35.3	38.1	20.3	7.9	-46.7	MT:
2,420	4,112	3,555	69.9	-13.5	67.7	91.6	60.8	35.3	-33.6	Mont
300	1,022	783	240.7	-23.4	41.3	53.9	25.9	30.5	-51.9	Idaho
714	2,922	2,453	309.2	-16.1	48.3	53.1	22.4	9.9	-57.8	Wyo
170	1,119	1,200	558.2	7.2	27.1	32.0	22.8	18.1	-28.8	Colo
41	491	411	1,097.6	-16.3	185.4	159.5	50.4	-14.0	-68.4	N Mex
245	1,405	1,354	473.5	-3.6	25.7	21.6	14.2	-16.0	-34.3	Ariz
4	488	596	12,100.0	22.1	10.0	54.5	43.8	445.1	-19.7	Utah
										Nev
903	2,538	2,452	181.1	-3.4	104.1	100.6	69.7	-3.4	-30.7	PAC:
645	2,447	2,487	279.4	1.6	69.9	66.6	51.7	-4.7	-22.4	Wash
704	3,833	3,006	444.5	-21.6	117.5	134.1	46.4	14.1	-65.4	Oreg
17	77	84	352.9	9.1	35.3	18.2	10.7	-48.4	-41.2	Calif
618	379	459	-38.7	21.1	396.1	752.5	268.8	90.0	-64.3	Alaska
										Hawaii

Note: Figures for 1978 differ from Census Bureau figures, reflecting the exclusion here of farms with sales under \$2,500.

Sources: U.S. Department of Commerce, Bureau of the Census, Census of Agriculture, 1969, 1974, 1978.

SIC 016: VEGETABLE AND MELON FARMS (With annual sales of \$2,500 or more)

	Sales (Current dollars; millions)			Real Sales (1972 dollars; millions)			Percent Change in Real Sales	
	1969	1974	1978	1969	1974	1978	1969- 1974	1974- 1978
U.S.	\$1,175.0	\$2,144.4	\$3,111.7	\$1,313.7	\$1,595.4	\$1,770.6	21.4%	11.0%
NE:								
Maine	1.3	1.9	3.9	1.5	1.4	2.2	-6.7	57.1
NH	1.3	1.8	2.9	1.5	1.3	1.7	-13.3	30.8
Vt	0.3	0.5	0.4	.3	.4	.2	33.3	-50.0
Mass	7.1	9.7	12.6	7.9	7.2	7.2	-8.9	.0
RI	0.6	1.1	1.5	.7	.8	.9	14.3	12.5
Conn	3.4	3.7	7.5	3.8	2.8	4.3	-26.3	53.6
MA:								
NY	50.7	82.1	101.5	56.7	61.1	57.8	7.8	-5.4
NJ	47.6	69.9	80.4	53.2	52.0	45.7	-2.3	-12.1
Pa	11.9	16.3	22.3	13.3	12.1	12.7	-9.0	5.0
ENC:								
Ohio	29.3	40.9	56.1	32.8	30.4	31.9	-7.3	4.9
Ind	14.5	17.9	21.6	16.2	13.3	12.3	-17.9	-7.5
Ill	17.6	23.0	27.3	19.7	17.1	15.5	-13.2	-9.4
Mich	34.2	56.3	90.8	38.2	41.9	51.7	9.7	23.4
Wis	24.8	65.3	60.5	27.7	48.6	34.4	75.5	-29.2
WNC:								
Minn	8.1	19.1	18.8	9.1	14.2	10.7	56.0	-24.6
Iowa	1.6	2.4	3.0	1.8	1.8	1.7	.0	-5.6
Mo	3.9	2.9	5.7	4.4	2.2	3.2	-50.0	45.5
N Dak	0.0	0.1	0.9	.0	.1	.5	66.7	400.0
S Dak	0.1	0.2	0	0.1	0.1	(-)	.0	(-)
Nebr	0.3	0.4	0.3	.3	.3	.2	.0	-33.3
Kans	0.7	2.2	2.5	.8	1.6	1.4	100.0	-12.5
SA:								
Del	5.8	11.2	13.4	6.5	8.3	7.6	27.7	-8.4
Md	9.0	14.6	16.1	10.1	10.9	9.2	7.9	-15.6
DC	NR	NR	NR	(-)	(-)	(-)	(-)	(-)
VA	11.7	14.5	25.3	13.1	10.8	14.4	-17.6	33.3
W Va	0.3	0.4	0.5	.3	.3	.3	.0	.0
NC	8.6	11.6	18.2	9.6	8.6	10.4	-10.4	20.9
SC	9.3	12.9	28.1	10.4	9.6	16.0	-7.7	66.7
Ga	4.5	7.4	19.6	5.0	5.5	11.2	10.0	103.6
Fla	189.2	236.6	475.1	211.5	176.0	270.3	-16.8	53.6
ESC:								
Ky	1.0	1.4	2.1	1.1	1.0	1.2	-9.1	20.0
Tenn	5.9	10.3	18.4	6.6	7.7	10.5	16.7	36.4
Ala	4.3	6.8	11.4	4.8	5.1	6.5	6.3	27.5
Miss	1.7	2.2	2.7	1.9	1.6	1.5	-15.8	-6.3
WSC:								
Ark	3.7	5.3	6.7	4.1	3.9	3.8	-4.9	-2.6
La	2.2	4.1	3.4	2.5	3.1	1.9	24.0	-38.7
Okla	2.3	3.5	3.9	2.6	2.6	2.2	.0	-15.4
Tex	48.2	95.9	199.8	53.9	71.3	113.7	32.3	59.5
MT:								
Mont	0.0	0.1	0.1	0.0	0.1	0.1	900.0	0.0
Idaho	4.4	7.1	17.5	4.9	5.3	10.0	8.2	88.7
Wyo	0.0	0.1	0.1	0.0	0.1	0.1	900.0	0.0
Colo	9.6	19.9	31.6	10.7	14.8	18.0	38.3	21.6
N Mex	8.1	21.0	26.6	9.1	15.6	15.1	71.4	-3.2
Ariz	75.1	66.8	132.9	84.0	49.7	75.6	-40.8	52.1
Utah	2.2	3.9	5.8	2.5	2.9	3.3	16.0	13.8
Nev	0.7	0.2	1.0	.8	.1	.6	-87.5	500.0
PAC:								
Wash	27.3	48.7	56.2	30.5	36.2	32.0	18.7	-11.6
Oreg	34.3	76.4	80.3	38.3	56.8	45.7	48.3	-19.5
Calif	438.8	1,034.4	1,378.1	490.6	769.6	784.1	56.9	1.9
Alaska	0.1	0.2	0.4	.1	.1	.2	.0	100.0
Hawaii	7.1	9.1	15.1	7.9	6.8	8.6	-13.9	26.5

SIC 016: VEGETABLE AND MELON FARMS (With annual sales of \$2,500 or more) (cont'd.)

Number of Farms			% Change in Number of Farms		Real Sales per Farm (1972 dollars; thousands)			% Change in Real Sales per Farm		
1969	1974	1978	1969- 1974	1974- 1978	1969	1974	1978	1969- 1974	1974- 1978	
19,660	19,548	25,600	-0.6%	31.0%	\$66.8	\$81.6	\$69.2	22.2%	-15.2%	U.S.
94	103	187	9.6	81.6	16.0	13.6	11.8	-15.0	-13.2	NE:
62	66	108	6.5	63.6	24.2	19.7	15.7	-18.6	-20.3	Maine
29	31	62	6.9	100.0	10.3	12.9	3.2	25.2	-75.2	NH
363	378	524	4.1	38.6	21.8	19.0	13.7	-12.8	-27.9	Vt
55	56	79	1.8	41.1	12.7	14.3	11.4	12.6	-20.3	Mass
188	179	268	-4.8	49.7	20.2	15.6	16.0	-22.8	2.6	RI
										Conn
1,240	1,209	1,575	-2.5	30.3	45.7	50.5	36.7	10.5	-27.3	MA:
1,259	1,061	1,414	-15.7	33.3	42.3	49.0	32.3	15.8	-34.1	NY
551	590	848	7.1	43.7	24.1	20.5	15.0	-14.9	-26.8	NJ
										Pa
850	620	793	-27.1	27.9	38.6	49.0	40.2	26.9	-18.0	ENC:
443	372	408	-16.0	9.7	36.6	35.8	30.1	-2.2	-15.9	Ohio
432	367	413	-15.0	12.5	45.6	46.6	37.5	2.2	-19.5	Ind
1,326	1,275	1,650	-3.8	29.4	28.8	32.9	31.3	14.2	-4.9	Ill
1,324	1,883	1,579	42.2	-16.1	20.9	25.8	21.8	23.4	-15.5	Mich
										Wis
308	455	473	47.7	4.0	29.5	31.2	22.6	5.8	-27.6	WNC:
87	74	95	-14.9	28.4	20.7	24.3	17.9	17.4	-26.3	Minn
148	106	144	-28.4	35.8	29.7	20.8	22.2	-30.0	6.7	Iowa
3	5	8	66.7	60.0	20.0	20.0	62.5	.0	212.5	Mo
13	8	55	-38.5	587.5	7.7	12.0	(-)	62.5	(-)	N Dak
32	30	30	-6.3	.0	9.4	10.0	6.7	6.4	-33.0	S Dak
43	61	94	41.9	54.1	18.6	26.2	14.9	40.9	-43.1	Nebr
										Kans
78	70	79	-10.3	12.9	83.3	118.6	96.2	42.4	-18.9	SA:
279	265	398	-5.0	50.2	36.2	41.1	23.1	13.5	-43.8	Del
NR	NR	NR	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Md
266	255	401	-4.1	57.3	49.2	42.4	35.9	-13.8	-15.3	DC
20	33	55	65.0	66.7	15.0	9.1	5.5	-39.3	-39.6	VA
568	529	857	-6.9	62.0	16.9	16.3	12.1	-3.6	-25.8	W Va
298	246	495	-17.4	101.2	34.9	39.0	32.3	11.7	-17.2	NC
276	337	646	22.1	91.7	18.1	16.3	17.3	-9.9	6.1	SC
1,149	1,118	1,817	-2.7	62.5	184.1	157.4	148.8	-14.5	-5.5	Ga
										Fla
91	108	162	18.7	50.0	12.1	9.3	7.4	-23.1	-20.4	ESC:
331	354	620	6.9	75.1	19.9	21.8	16.9	9.5	-22.5	Ky
426	480	713	12.7	48.5	11.3	10.6	9.1	-6.2	-14.2	Tenn
143	231	261	61.5	13.0	13.3	6.9	5.7	-48.1	-17.4	Ala
										Miss
261	291	441	11.5	51.5	15.7	13.4	8.6	-14.6	-35.8	WSC:
239	278	350	16.3	25.9	10.5	11.2	5.4	6.7	-51.8	Ark
110	133	146	20.9	9.8	23.6	19.5	15.1	-17.4	-22.6	La
1,107	1,079	1,462	-2.5	35.5	48.7	66.1	77.8	35.7	17.7	Okla
										Tex
7	12	21	71.4	75.0	1.4	8.3	4.8	492.8	-42.2	MT:
130	173	199	33.1	15.0	37.7	30.6	50.3	-18.8	64.4	Mont
2	4	3	100.0	-25.0	5.0	25.0	33.3	400.0	33.3	Idaho
250	202	286	-19.2	41.6	42.8	73.3	62.9	71.3	-14.2	Wyo
126	183	227	45.2	24.0	72.2	85.2	66.5	18.0	-21.9	Colo
136	110	144	-19.1	30.9	617.6	451.8	525.0	-26.8	16.2	N Mex
122	128	147	4.9	14.8	20.5	22.7	22.4	10.7	-1.3	Ariz
12	7	14	-41.7	100.0	66.7	14.3	42.9	-78.6	200.0	Utah
										Nev
967	838	895	-13.3	6.8	31.5	43.2	35.8	37.1	-17.1	PAC:
756	747	836	-1.2	11.9	50.7	76.0	54.7	49.9	-28.0	Wash
2,262	2,047	2,617	-9.5	27.8	216.9	376.0	299.6	73.4	-20.3	Oreg
6	4	10	-33.3	150.0	16.7	25.0	20.0	49.7	-20.0	Calif
392	357	458	-8.9	28.3	20.2	19.0	18.8	-5.9	-1.1	Alaska
										Hawaii

Note: Figures for 1978 differ from Census Bureau figures, reflecting the exclusion here of farms with sales under \$2,500.

Sources: U.S. Department of Commerce, Bureau of the Census, Census of Agriculture, 1969, 1974, 1978.

SIC 017: FRUIT AND TREE NUT FARMS (With annual sales of \$2,500 or more)

	Sales (Current dollars; millions)			Real Sales (1972 dollars; millions)			Percent Change in Real Sales	
	1969	1974	1978	1969	1974	1978	1969- 1974	1974- 1978
U.S.	\$1,682.3	\$2,858.1	\$4,498.8	\$1,880.8	\$2,126.4	\$2,559.8	13.1%	20.4%
NE:								
Maine	7.6	10.6	18.3	8.5	7.9	10.4	-7.1	31.6
NH	3.8	5.8	8.3	4.2	4.3	4.7	2.4	9.3
Vt	2.4	4.1	5.9	2.7	3.1	3.4	14.8	9.7
Mass	17.6	20.3	29.9	19.7	15.1	17.0	-23.4	12.6
RI	0.4	0.7	1.0	.4	.5	.6	25.0	20.0
Conn	4.3	6.0	7.1	4.8	4.5	4.0	-6.3	-11.1
MA:								
NY	56.6	96.8	132.8	63.3	72.0	75.6	13.7	5.0
NJ	24.4	34.7	38.6	27.3	25.8	22.0	-5.5	-14.7
Pa	31.7	52.2	53.4	35.4	38.8	30.4	9.6	-21.6
ENC:								
Ohio	11.9	17.3	17.9	13.3	12.9	10.2	-3.0	-20.9
Ind	6.0	7.5	8.2	6.7	5.6	4.7	-16.4	-16.1
Ill	8.0	9.7	10.9	8.9	7.2	6.2	-19.1	-13.9
Mich	72.4	109.8	161.7	80.9	81.7	92.0	1.0	12.6
Wis	13.2	20.0	27.5	14.8	14.9	15.6	.7	4.7
WNC:								
Minn	1.6	3.5	4.8	1.8	2.6	2.7	44.4	3.8
Iowa	0.8	1.5	1.8	.9	1.1	1.0	22.2	-9.1
Mo	5.3	8.5	8.5	5.9	6.3	4.8	6.8	-23.8
N Dak	0.0	0.0	0.5	0.0	0.0	0.3	0.0	(-)
S Dak	0.0	0.0	0	0.0	0.0	(-)	0.0	(-)
Nebr	0.2	0.1	0.2	.2	.1	.1	-50.0	.0
Kans	1.4	1.2	0.7	1.6	.9	.4	-43.8	-55.6
SA:								
Del	0.9	0.4	0.9	1.0	.3	.5	-70.0	66.7
Md	4.8	8.1	10.1	5.4	6.0	5.7	11.1	-5.0
DC	NR	NR	NR	(-)	(-)	(-)	(-)	(-)
VA	21.2	31.0	39.0	23.7	23.1	22.2	-2.5	-3.9
W Va	8.5	14.2	22.0	9.5	10.6	12.5	11.6	17.9
NC	8.7	15.3	29.4	9.7	11.4	16.7	17.5	46.5
SC	14.5	27.2	39.0	16.2	20.2	22.2	24.7	9.9
Ga	18.9	25.5	49.7	21.1	19.0	28.3	-10.0	48.9
Fla	317.0	474.1	937.9	354.4	352.7	533.7	-.5	51.3
ESC:								
Ky	1.4	2.0	2.0	1.6	1.5	1.1	-6.3	-26.7
Tenn	1.4	1.9	2.8	1.6	1.4	1.6	-12.5	14.3
Ala	2.4	2.3	3.6	2.7	1.7	2.0	-37.0	17.6
Miss	0.8	0.8	0.6	.9	.6	.3	-33.3	-50.0
WSC:								
Ark	3.8	3.6	4.6	4.2	2.7	2.6	-35.7	-3.7
La	2.3	2.5	3.8	2.6	1.9	2.2	-26.9	15.8
Okla	1.6	1.5	3.0	1.8	1.1	1.7	-38.9	54.5
Tex	13.8	39.5	56.0	15.4	29.4	31.9	90.9	8.5
MT:								
Mont	0.2	0.6	1.2	.2	.4	.7	100.0	75.0
Idaho	7.5	10.1	15.1	8.4	7.5	8.6	-10.7	14.7
Wyo	-	-	-	(-)	(-)	(-)	(-)	(-)
Colo	4.5	7.7	6.4	5.0	5.7	3.6	14.0	-36.8
N Mex	9.8	14.1	20.4	11.0	10.5	11.6	-4.5	10.5
Ariz	23.7	50.0	65.2	26.5	37.2	37.1	40.4	-.3
Utah	3.0	6.2	9.4	3.4	4.6	5.3	35.3	15.2
Nev	0.0	0.0	0.1	.0	.0	.1	.0	(-)
PAC:								
Wash	110.1	195.8	392.4	123.1	145.7	223.3	18.4	53.3
Oreg	54.3	68.2	111.5	60.7	50.7	63.4	-16.5	25.0
Calif	772.3	1,396.9	2,062.4	863.4	1,039.3	1,173.5	20.4	12.9
Alaska	-	-	-	(-)	(-)	(-)	(-)	(-)
Hawaii	5.6	48.2	72.8	6.3	35.9	41.4	469.8	15.3

SIC 017: FRUIT AND TREE NUT FARMS (With annual sales of \$2,500 or more) (cont'd.)

Number of Farms			% Change in Number of Farms		Real Sales per Farm (1972 dollars; thousands)			% Change in Real Sales per Farm		
1969	1974	1978	1969- 1974	1974- 1978	1969	1974	1978	1969- 1974	1974- 1978	
53,754	51,270	57,500	-4.6%	12.2%	\$35.0	\$41.5	\$44.5	18.6%	7.2%	U.S.
270	298	556	10.4	86.6	31.5	26.5	18.7	-15.9	-29.4	NE:
83	63	106	-24.1	68.3	50.6	68.3	44.3	35.0	-35.1	Maine
55	78	85	41.8	9.0	49.1	39.7	40.0	-19.1	.8	NH
518	485	539	-6.4	11.1	38.0	31.1	31.5	-18.2	1.3	Vt
24	27	30	12.5	11.1	16.7	18.5	20.0	10.8	8.1	Mass
129	133	142	3.1	6.8	37.2	33.8	28.2	-9.1	-16.6	RI
										Conn
2,240	2,318	2,360	3.5	1.8	28.3	31.1	32.0	9.9	2.9	MA:
465	393	430	-15.5	9.4	58.7	65.6	51.2	11.8	-22.0	NY
946	958	964	1.3	.6	37.4	40.5	31.5	8.3	-22.2	NJ
										Pa
627	631	712	.6	12.8	21.2	20.4	14.3	-3.8	-29.9	ENC:
235	207	225	-11.9	8.7	28.5	27.1	20.9	-4.9	-22.9	Ohio
235	190	229	-19.1	20.5	37.9	37.9	27.1	.0	-28.5	Ind
3,308	2,875	3,035	-13.1	5.6	24.5	28.4	30.3	15.9	6.7	Ill
374	478	514	27.8	7.5	39.6	31.2	30.4	-21.2	-2.6	Mich
										Wis
78	97	119	24.4	22.7	23.1	26.8	22.7	16.0	-15.3	WNC:
49	76	64	55.1	-15.8	18.4	14.5	15.6	-21.2	7.6	Minn
192	172	191	-10.4	11.0	30.7	36.6	25.1	19.2	-31.4	Iowa
2	2	5	0.0	150.0	(-)	(-)	60.0	(-)	(-)	Mo
1	1	0	0.0	(-)	(-)	(-)	(-)	(-)	(-)	N Dak
7	8	8	14.3	.0	28.6	12.5	12.5	-56.3	.0	S Dak
63	38	51	-39.7	34.2	25.4	23.7	7.8	-6.7	-67.1	Nebr
										Kans
11	10	10	-9.1	.0	90.9	30.0	50.0	-67.0	66.7	SA:
102	107	134	4.9	25.2	52.9	56.1	42.5	6.0	-24.2	Del
NR	NR	NR	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Md
470	485	565	3.2	16.5	50.4	47.6	39.3	-5.6	-17.4	DC
173	184	159	6.4	-13.6	54.9	57.6	78.6	4.9	36.5	VA
453	590	678	30.2	14.9	21.4	19.3	24.6	-9.8	27.5	W Va
330	325	341	-1.5	4.9	49.1	62.2	65.1	26.7	4.7	NC
487	416	711	-14.6	70.9	43.3	45.7	39.8	5.5	-12.9	SC
7,185	6,952	7,424	-3.2	6.8	49.3	50.7	71.9	2.8	41.8	Ga
										Fla
81	75	78	-7.4	4.0	19.8	20.0	14.1	1.0	-29.5	ESC:
114	85	122	-25.4	43.5	14.0	16.5	13.1	17.9	-20.6	Ky
221	173	182	-21.7	5.2	12.2	9.8	11.0	-19.7	12.2	Tenn
82	48	84	-41.5	75.0	11.0	12.5	3.6	13.6	-71.2	Ala
										Miss
279	173	169	-38.0	-2.3	15.1	15.6	15.4	3.3	-1.3	WSC:
183	138	291	-24.6	110.9	14.2	13.8	7.6	-2.8	-44.9	Ark
125	75	134	-40.0	78.7	14.4	14.7	12.7	2.1	-13.6	La
1,278	1,356	1,529	6.1	12.8	12.1	21.7	20.9	79.3	-3.7	Okla
										Tex
36	76	102	111.1	34.2	5.6	5.3	6.9	-5.4	30.2	MT:
204	182	197	-10.8	8.2	41.2	41.2	43.7	.0	6.1	Mont
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Idaho
336	331	239	-1.5	-27.8	14.9	17.2	15.1	15.4	-12.2	Wyo
104	93	171	-10.6	83.9	105.8	112.9	67.8	6.7	-39.9	Colo
503	480	378	-4.6	-21.3	52.7	77.5	98.1	47.1	26.6	N Mex
240	311	287	29.6	-7.7	14.2	14.8	18.5	4.2	25.0	Ariz
1	4	1	300.0	-75.0	(-)	(-)	100.0	(-)	(-)	Utah
										Nev
4,266	4,319	5,209	1.2	20.6	28.9	33.7	42.9	16.6	27.3	PAC:
2,466	1,992	2,498	-19.2	25.4	24.6	25.5	25.4	3.7	-.4	Wash
23,713	22,286	24,701	-6.0	10.8	36.4	46.6	47.5	28.0	1.9	Oreg
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Calif
410	476	748	16.1	57.1	15.4	75.4	55.3	389.6	-26.7	Alaska
										Hawaii

Note: Figures for 1978 differ from Census Bureau figures, reflecting the exclusion here of farms with sales under \$2,500.

Sources: U.S. Department of Commerce, Bureau of the Census, Census of Agriculture, 1969, 1974, 1978.

SIC 018: HORTICULTURAL SPECIALTY FARMS (With annual sales of \$2,500 or more)

	Sales (Current dollars; millions)			Real Sales (1972 dollars; millions)			Percent Change in Real Sales	
	1969	1974	1978	1969	1974	1978	1969- 1974	1974- 1978
U.S.	\$1,153.7	\$1,897.3	\$2,850.0	\$1,289.8	\$1,411.6	\$1,621.7	9.4%	14.9%
NE:								
Maine	2.7	5.8	6.2	3.0	4.3	3.5	43.3	-18.6
NH	3.6	6.8	7.4	4.0	5.1	4.2	27.5	-17.6
Vt	1.5	2.7	2.2	1.7	2.0	1.3	17.6	-35.0
Mass	21.4	37.1	41.0	23.9	27.6	23.3	15.5	-15.6
RI	4.0	6.8	10.2	4.5	5.1	5.8	13.3	13.7
Conn	22.1	29.1	43.7	24.7	21.7	24.9	-12.1	14.7
MA:								
NY	50.1	70.6	91.7	56.0	52.5	52.2	-6.3	-.6
NJ	33.9	51.8	67.8	37.9	38.5	38.6	1.6	.3
Pa	85.3	143.0	263.3	95.4	106.4	149.8	11.5	40.8
ENC:								
Ohio	72.7	106.6	127.8	81.3	79.3	72.7	-2.5	-8.3
Ind	23.9	35.8	36.6	26.7	26.6	20.8	-.4	-21.8
Ill	46.5	70.7	102.8	52.0	52.6	58.5	1.2	11.2
Mich	44.5	74.6	104.1	49.8	55.5	59.2	11.4	6.7
Wis	35.8	26.9	42.7	40.0	20.0	24.3	-50.0	21.5
WNC:								
Minn	22.7	27.1	42.9	25.4	20.2	24.4	-20.5	20.8
Iowa	17.1	24.1	34.1	19.1	17.9	19.4	-6.3	8.4
Mo	16.2	20.5	30.5	18.1	15.3	17.4	-15.5	13.7
N Dak	1.8	1.5	2.5	2.0	1.1	1.4	-45.0	27.3
S Dak	4.3	2.8	2.3	4.8	2.1	1.3	-56.3	-38.1
Nebr	4.2	3.9	7.5	4.7	2.9	4.3	-38.3	48.3
Kans	6.8	11.0	15.9	7.6	8.2	9.0	7.9	9.8
SA:								
Del	3.3	6.0	8.2	3.7	4.5	4.7	21.6	4.4
Md	15.1	23.9	36.3	16.9	17.8	20.7	5.3	16.3
DC	NR	NR	NR	(-)	(-)	(-)	(-)	(-)
VA	20.5	26.9	39.9	22.9	20.0	22.7	-12.7	13.5
W Va	3.6	6.2	6.9	4.0	4.6	3.9	15.0	-15.2
NC	20.2	37.6	40.1	22.6	28.0	22.8	23.9	-18.6
SC	7.4	14.9	13.6	8.3	11.1	7.7	33.7	-30.6
Ga	26.5	60.8	36.3	29.6	45.2	20.7	52.7	-54.2
Fla	103.0	180.9	349.7	115.2	134.6	199.0	16.8	47.8
ESC:								
Ky	21.9	15.5	13.5	24.5	11.5	7.7	-53.1	-33.0
Tenn	17.3	29.0	47.4	19.3	21.6	27.0	11.9	25.0
Ala	21.3	38.6	36.0	23.8	28.7	20.5	20.6	-28.6
Miss	9.7	21.6	11.1	10.8	16.1	6.3	49.1	-60.9
WSC:								
Ark	5.6	8.8	11.4	6.3	6.5	6.5	3.2	.0
La	7.2	13.2	15.1	8.0	9.8	8.6	22.5	-12.2
Okla	10.8	19.0	40.5	12.1	14.1	23.0	16.5	63.1
Tex	29.4	59.2	103.7	32.9	44.0	59.0	33.7	34.1
MT:								
Mont	3.5	4.3	3.2	3.9	3.2	1.8	-17.9	-43.8
Idaho	5.5	6.5	6.4	6.1	4.8	3.6	-21.3	-25.0
Wyo	0.7	0.3	1.0	.8	.2	.6	-75.0	200.0
Colo	22.3	38.4	58.8	24.9	28.6	33.5	14.9	17.1
N Mex	1.5	2.8	7.2	1.7	2.1	4.1	23.5	95.2
Ariz	3.4	7.3	19.4	3.8	5.4	11.0	42.1	103.7
Utah	8.7	6.0	14.3	9.7	4.5	8.1	-53.6	80.0
Nev	0.8	0.3	0.7	.9	.2	.4	-77.8	100.0
PAC:								
Wash	27.4	40.2	59.7	30.6	29.9	34.0	-2.3	13.7
Oreg	32.4	62.5	85.0	36.2	46.5	48.4	28.5	4.1
Calif	198.7	397.2	676.7	222.1	295.5	385.0	33.0	30.3
Alaska	0.1	0.5	1.5	.1	.4	.9	300.0	125.0
Hawaii	4.8	8.9	23.5	5.4	6.6	13.4	22.2	103.0

SIC 018: HORTICULTURAL SPECIALTY FARMS (With annual sales of \$2,500 or more) (cont'd.)

Number of Farms			% Change in Number of Farms		Real Sales per Farm (1972 dollars; thousands)			% Change in Real Sales per Farm		
1969	1974	1978	1969-1974	1974-1978	1969	1974	1978	1969-1974	1974-1978	
36,418	32,958	26,600	-9.5%	-19.3%	\$35.4	\$42.8	\$61.0	20.9%	42.5%	U.S.
212	325	204	53.3	-37.2	14.2	13.2	17.2	-7.0	30.3	NE:
161	185	141	14.9	-23.8	24.8	27.6	29.8	11.3	8.0	Maine
139	200	104	43.9	-48.0	12.2	10.0	12.5	-18.0	25.0	NH
586	505	521	-13.8	3.2	40.8	54.7	44.7	34.1	-18.3	Vt
75	74	116	-1.3	56.8	60.0	68.9	50.0	14.8	-27.4	Mass
414	398	416	-3.9	4.5	59.7	54.5	59.9	-8.7	9.9	RI
										Conn
1,479	1,624	1,427	9.8	-12.1	37.9	32.3	36.6	-14.8	13.3	MA:
828	858	939	3.6	9.4	45.8	44.9	41.1	-2.0	-8.5	NY
1,828	1,792	1,662	-2.0	-7.3	52.2	59.4	90.1	13.8	51.7	NJ
										Pa
1,682	1,563	1,255	-7.1	-19.7	48.3	50.7	57.9	5.0	14.2	ENC:
719	729	450	1.4	-38.3	37.1	36.5	46.2	-1.6	26.6	Ohio
917	769	785	16.1	2.1	56.7	68.4	74.5	20.6	8.9	Ind
1,458	1,182	985	-18.9	-16.7	34.2	47.0	60.1	37.4	27.9	Ill
1,228	723	548	-41.1	-24.2	32.6	27.7	44.3	-15.0	59.9	Mich
										Wis
858	520	445	-39.4	-14.4	29.6	38.8	54.8	31.1	41.2	WNC:
411	303	360	-26.3	18.8	46.5	59.1	53.9	27.1	-8.8	Minn
764	700	469	-8.4	-33.0	23.7	21.9	37.1	-7.6	69.4	Iowa
134	57	78	-57.5	36.8	14.9	19.3	17.9	29.5	-7.3	Mo
161	75	59	-53.4	-21.3	29.8	28.0	22.0	-6.0	-21.4	N Dak
266	126	120	-52.6	-4.8	17.7	23.0	35.8	29.9	55.7	S Dak
353	241	211	-31.7	-12.4	21.5	34.0	42.7	58.1	25.6	Nebr
										Kans
57	87	83	52.6	-4.6	64.9	51.7	56.6	-20.3	9.5	SA:
531	381	462	-28.2	21.3	31.8	46.7	44.8	46.9	-4.1	Del
NR	NR	NR	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Md
875	819	769	-6.4	-6.1	26.2	24.4	29.5	-6.9	20.9	DC
243	262	164	7.8	-37.4	16.5	17.6	23.8	6.7	35.2	VA
1,124	1,150	817	2.3	-29.0	20.1	24.3	27.9	20.9	14.8	W Va
452	545	282	20.6	-48.3	18.4	20.4	27.3	10.9	33.8	NC
1,323	1,429	470	8.0	-67.1	22.4	31.6	44.0	41.1	39.2	SC
1,936	2,201	3,013	13.7	36.9	59.5	61.2	66.0	2.9	7.8	Ga
										Fla
599	659	258	10.0	-60.8	40.9	17.5	29.8	-57.2	70.3	ESC:
808	1,055	593	30.6	-43.8	23.9	20.5	45.5	-14.2	122.0	Ky
969	1,197	439	23.5	-63.3	24.6	24.0	46.7	-2.4	94.6	Tenn
645	1,021	207	58.3	-79.7	16.7	15.8	30.4	-5.4	92.4	Ala
										Miss
430	540	256	25.6	-52.6	14.7	12.0	25.4	-18.4	111.7	WSC:
496	510	289	2.8	-43.3	16.1	19.2	29.8	19.3	55.2	Ark
463	330	280	-28.7	-15.2	26.1	42.7	82.1	63.6	92.3	La
1,788	1,390	1,258	-22.3	-9.5	18.4	31.7	46.9	72.3	47.9	Okla
										Tex
250	200	74	-20.0	-63.0	15.6	16.0	24.3	2.6	51.9	MT:
384	257	134	-33.1	-47.9	15.9	18.7	26.9	17.6	43.9	Mont
101	31	22	-69.3	-29.0	7.9	6.5	27.3	-17.7	320.0	Idaho
627	402	392	-35.9	-2.5	39.7	71.1	85.5	79.1	20.3	Wyo
149	95	100	-36.2	5.3	11.4	22.1	41.0	93.9	85.5	Colo
227	141	133	-37.9	-5.7	16.7	38.3	82.7	129.3	115.9	N Mex
412	121	130	-70.6	7.4	23.5	37.2	62.3	58.3	67.5	Ariz
77	17	20	-77.9	17.6	11.7	11.8	20.0	.9	69.5	Utah
										Nev
1,035	947	714	-8.5	-24.6	29.6	31.6	47.6	6.8	50.6	PAC:
1,238	1,078	822	-12.9	-23.7	29.2	43.1	58.9	47.6	36.7	Wash
4,146	2,720	2,446	-34.4	-10.1	53.6	108.6	157.4	102.6	44.9	Oreg
26	33	27	26.9	-18.2	3.8	12.1	33.3	218.4	175.2	Calif
334	391	643	17.1	64.5	16.2	16.9	20.8	4.3	23.1	Alaska
										Hawaii

Note: Figures for 1978 differ from Census Bureau figures, reflecting the exclusion here of farms with sales under \$2,500.

Sources: U.S. Department of Commerce, Bureau of the Census, Census of Agriculture, 1969, 1974, 1978.

SIC 019; 029: GENERAL FARMS, PRIMARILY CROP; GENERAL FARMS, PRIMARILY LIVESTOCK
(With annual sales of \$2,500 or more)

	Sales (Current dollars; millions)			Real Sales (1972 dollars; millions)			Percent Change in Real Sales	
	1969	1974	1978	1969	1974	1978	1969- 1974	1974- 1978
U.S.	\$2,421.5	\$2,609.7	\$3,909.2	\$2,707.2	\$1,941.6	\$2,224.3	-28.3%	14.6%
NE:								
Maine	1.4	1.8	1.3	1.6	1.3	.7	-18.8	-46.2
NH	0.8	0.3	0.9	.9	.2	.5	-77.8	150.0
Vt	1.6	0.6	1.5	1.8	.4	.9	-77.8	125.0
Mass	1.7	1.6	2.0	1.9	1.2	1.1	-36.8	-8.3
RI	0.1	0	0.2	0.1	(-)	0.1	(-)	(-)
Conn	2.4	0.8	2.0	2.7	.6	1.1	-77.8	83.3
MA:								
NY	21.2	24.6	38.8	23.7	18.3	22.1	-22.8	20.8
NJ	3.9	5.2	6.6	4.4	3.9	3.8	-11.4	-2.6
Pa	37.3	51.0	92.9	41.7	37.9	52.9	-9.1	39.6
ENC:								
Ohio	58.0	82.0	117.5	64.8	61.0	66.9	-5.9	9.7
Ind	49.1	58.6	102.1	54.9	43.6	58.1	-20.6	33.3
Ill	53.7	51.9	99.1	60.0	38.6	56.4	-35.7	46.1
Mich	34.5	59.0	84.7	38.6	43.9	48.2	13.7	9.8
Wis	35.6	67.0	141.7	39.8	49.8	80.6	25.1	61.8
WNC:								
Minn	107.2	154.2	255.7	119.8	114.7	145.5	-4.3	26.9
Iowa	106.6	155.9	221.1	119.2	116.0	125.8	-2.7	8.4
Mo	44.3	52.3	116.0	49.5	38.9	66.0	-21.4	69.7
N Dak	56.2	99.9	98.1	62.8	74.3	55.8	18.3	-24.9
S Dak	60.5	109.1	119.7	67.6	81.2	68.1	20.1	-16.1
Nebr	79.2	89.7	114.8	88.5	66.7	65.3	-24.6	-2.1
Kans	87.8	81.8	76.8	98.2	60.9	43.7	-38.0	-28.2
SA:								
Del	2.2	7.1	8.3	2.5	5.3	4.7	112.0	-11.3
Md	10.9	17.6	18.6	12.2	13.1	10.6	7.4	-19.1
DC	NR	NR	NR	(-)	(-)	(-)	(-)	(-)
VA	32.4	52.9	47.0	36.2	39.4	26.7	8.8	-32.2
W Va	3.8	2.2	1.2	4.2	1.6	.7	-61.9	-56.3
NC	90.0	74.6	169.1	100.6	55.5	96.2	-44.8	73.3
SC	38.5	32.3	38.1	43.0	24.0	21.7	-44.2	-9.6
Ga	136.6	135.2	224.3	152.7	100.6	127.6	-34.1	26.8
Fla	19.2	31.0	70.3	21.5	23.1	40.0	7.4	73.2
ESC:								
Ky	82.3	89.3	161.6	92.0	66.4	92.0	-27.8	38.6
Tenn	58.2	50.5	72.1	65.1	37.6	41.0	-42.2	9.0
Ala	46.9	44.7	58.1	52.4	33.3	33.1	-36.5	-.6
Miss	44.6	36.4	47.8	49.9	27.1	27.2	-45.7	.4
WSC:								
Ark	32.2	18.0	19.6	36.0	13.4	11.2	-62.8	-16.4
La	22.5	17.4	17.7	25.2	12.9	10.1	-48.8	-21.7
Okla	69.8	74.9	97.2	78.0	55.7	55.3	-28.6	-.7
Tex	176.4	142.8	195.0	197.2	106.2	111.0	-46.1	4.5
MT:								
Mont	19.0	27.0	30.5	21.2	20.1	17.4	-5.2	-13.4
Idaho	63.8	72.6	125.4	71.3	54.0	71.4	-24.3	32.2
Wyo	11.9	10.2	18.9	13.3	7.6	10.8	-42.9	42.1
Colo	58.4	51.0	63.4	65.3	37.9	36.1	-42.0	-4.7
N Mex	28.6	9.2	19.3	32.0	6.8	11.0	-78.8	61.8
Ariz	46.2	44.6	38.2	51.7	33.2	21.7	-35.8	-34.6
Utah	11.7	9.3	13.8	13.1	6.9	7.9	-47.3	14.5
Nev	8.0	1.2	4.2	8.9	.9	2.4	-89.9	166.7
PAC:								
Wash	52.5	57.9	87.0	58.7	43.1	49.5	-26.6	14.8
Oreg	66.7	49.4	56.4	74.6	36.8	32.1	-50.7	-12.8
Calif	344.5	302.3	509.6	385.2	224.9	290.0	-41.6	28.9
Alaska	0.1	0.0	0.3	.1	.0	.2	(-)	(-)
Hawaii	0.2	0.1	0.2	.2	.1	.1	-64.3	.0

SIC 019; 029: GENERAL FARMS, PRIMARILY CROP; GENERAL FARMS, PRIMARILY LIVESTOCK
(With annual sales of \$2,500 or more) (cont'd.)

Number of Farms			% Change in Number of Farms		Real Sales per Farm (1972 dollars; thousands)			% Change in Real Sales per Farm		
1969	1974	1978	1969- 1974	1974- 1978	1969	1974	1978	1969- 1974	1974- 1978	
126,527	59,654	66,500	-52.9%	11.5%	\$21.4	\$32.5	\$33.4	51.9%	2.8%	U.S.
188	41	72	-78.2	75.6	8.5	31.7	9.7	272.9	-69.4	NE:
111	23	32	-79.3	39.1	8.1	8.7	15.6	7.4	79.3	Maine
238	27	167	-88.7	518.5	7.6	14.8	5.4	94.7	-63.5	NH
180	56	76	-68.9	35.7	10.6	21.4	14.5	101.9	-32.2	Vt
16	4	11	-75.0	175.0	6.3	(-)	9.1	(-)	(-)	Mass
162	38	53	-76.5	39.5	16.7	15.8	20.8	-5.4	31.6	RI
										Conn
1,844	690	932	-62.6	35.1	12.9	26.5	23.7	105.4	-10.6	MA:
316	151	159	-52.2	5.3	13.9	25.8	23.9	85.6	-7.4	NY
2,974	1,833	2,793	-38.4	52.4	14.0	20.7	18.9	47.9	-8.7	NJ
										Pa
3,967	2,330	2,557	-41.3	9.7	16.3	26.2	26.2	60.7	.0	ENC:
3,081	1,848	2,552	-40.0	38.1	17.8	23.6	22.8	32.6	-3.4	Ohio
2,806	1,410	1,585	-49.8	12.4	21.4	27.4	35.6	28.0	29.9	Ind
2,908	1,863	1,855	-35.9	-4.4	13.3	23.6	26.0	77.4	10.2	Ill
2,800	2,486	3,371	-11.2	35.6	14.2	20.0	23.9	40.8	19.5	Mich
										Wis
6,886	3,999	4,643	-41.9	16.1	17.4	28.7	31.3	64.9	9.1	WNC:
5,337	3,638	3,597	-31.8	-1.1	22.3	31.9	35.0	43.0	9.7	Minn
3,685	1,988	3,614	-46.1	81.8	13.4	19.6	18.3	46.3	-6.6	Iowa
3,480	2,295	2,104	-34.1	-8.3	18.0	32.4	26.5	80.0	-18.2	Mo
3,687	2,723	2,444	-26.1	-10.2	18.3	29.8	27.9	62.8	-6.4	N Dak
4,067	2,041	1,956	-49.8	-4.2	21.8	32.7	33.4	50.0	2.1	S Dak
5,223	1,972	1,787	-62.2	-9.4	18.8	30.9	24.5	64.4	-20.7	Nebr
										Kans
87	52	55	-40.2	5.8	28.7	101.9	85.5	255.1	-16.1	SA:
628	409	386	-34.9	-5.6	19.4	32.0	27.5	64.9	-14.1	Del
NR	NR	NR	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Md
2,298	1,411	1,122	-38.6	-20.5	15.8	27.9	23.8	76.6	-14.7	DC
480	129	148	-73.1	14.7	8.8	12.4	4.7	40.9	-62.1	VA
4,158	1,819	2,371	-56.3	30.3	24.2	30.5	40.6	26.0	33.1	W Va
1,772	605	494	-65.9	-18.3	24.3	39.7	43.9	63.4	10.6	NC
6,098	2,487	2,628	-59.2	5.7	25.0	40.5	48.6	62.0	20.0	SC
970	606	678	-37.5	11.9	22.2	38.1	59.0	71.6	54.9	Ga
										Fla
7,364	4,209	6,102	-42.8	45.0	12.5	15.8	15.1	26.4	-4.4	ESC:
5,817	2,629	2,679	-54.8	1.9	11.2	14.3	15.3	27.7	7.0	Ky
2,853	1,367	982	-52.1	-28.2	18.4	24.4	33.7	32.6	38.1	Tenn
2,574	914	1,697	-64.5	85.7	19.4	29.6	16.0	52.6	-45.9	Ala
										Miss
1,775	398	276	-77.6	-30.7	20.3	33.7	40.6	66.0	20.5	WSC:
1,204	354	266	-70.6	-24.9	10.9	36.4	38.0	74.2	4.4	Ark
4,930	2,232	1,961	-54.7	-12.1	25.8	25.0	28.2	58.2	12.8	La
10,483	3,487	3,075	-66.7	-11.8	18.8	30.5	36.1	62.2	18.4	Okla
										Tex
1,097	504	445	-54.1	-11.7	19.3	39.9	39.1	106.7	-2.0	MT:
2,983	1,246	1,596	-58.2	28.1	23.9	43.3	44.7	81.2	3.2	Mont
599	181	255	-69.8	40.9	22.2	42.0	42.4	89.2	1.0	Idaho
2,988	700	876	-76.6	25.1	21.9	54.1	41.2	147.0	-23.8	Wyo
1,145	147	232	-87.2	57.8	27.9	46.3	47.4	65.9	2.4	Colo
506	74	108	-85.4	45.9	102.2	448.6	200.9	338.9	-55.2	N Mex
1,017	290	393	-71.5	35.5	12.9	23.8	20.1	84.5	-15.5	Ariz
382	28	30	-92.7	7.1	23.3	32.1	80.0	37.8	149.2	Utah
										Nev
2,086	604	697	-71.0	15.4	28.1	71.4	71.0	154.1	-.6	PAC:
2,359	674	681	-71.4	1.0	31.6	54.6	47.1	72.8	-13.7	Wash
3,878	629	1,034	-83.8	64.4	99.3	357.6	280.5	260.1	-21.6	Oreg
24	3	12	-87.5	300.0	4.2	(-)	16.7	(-)	(-)	Calif
12	12	19	.0	58.3	23.3	8.3	5.3	-64.3	-36.8	Alaska
										Hawaii

Note: Figures for 1978 differ from Census Bureau figures, reflecting the exclusion here of farms with sales under \$2,500.

Sources: U.S. Department of Commerce, Bureau of the Census, Census of Agriculture, 1969, 1974, 1978.

SIC 021; 027: LIVESTOCK FARMS, EXCEPT DAIRY, POULTRY, AND ANIMAL SPECIALTY; ANIMAL SPECIALTY FARMS
(With annual sales of \$2,500 or more)

	Sales (Current dollars; millions)			Real Sales (1972 dollars; millions)			Percent Change in Real Sales	
	1969	1974	1978	1969	1974	1978	1969- 1974	1974- 1978
U.S.	\$17,804.5	\$22,481.0	\$37,461.0	\$19,905.4	\$16,725.9	\$21,315.3	-16.0%	27.4%
NE:								
Maine	1.8	4.3	7.2	2.0	3.2	4.1	60.0	28.1
NH	1.3	2.7	5.6	1.5	2.0	3.2	33.3	60.0
Vt	2.8	5.7	10.5	3.1	4.2	6.0	35.5	42.9
Mass	4.5	11.5	25.5	5.0	8.6	14.5	72.0	68.6
RI	0.5	0.9	1.1	.6	.7	.6	16.7	-14.3
Conn	2.8	4.7	8.1	3.1	3.5	4.6	12.9	31.4
MA:								
NY	35.0	65.4	109.4	39.1	48.7	62.2	24.6	27.7
NJ	8.9	16.7	26.2	10.0	12.4	14.9	24.0	20.2
Pa	122.4	178.9	331.2	136.8	133.1	188.5	-2.7	41.6
ENC:								
Ohio	392.1	413.8	618.5	438.4	307.9	351.9	-29.8	14.3
Ind	556.1	607.7	918.1	621.7	452.1	522.4	-27.3	15.5
Ill	1,074.2	1,111.0	1,650.2	1,201.0	826.6	939.0	-31.2	13.6
Mich	157.8	215.6	343.2	176.4	160.4	195.3	-9.1	21.8
Wis	191.1	291.8	527.3	213.6	217.1	300.0	1.6	38.2
WNC:								
Minn	589.0	738.4	1,246.1	658.5	549.4	709.0	-16.6	29.0
Iowa	2,665.4	3,158.1	4,818.7	2,979.9	2,349.6	2,741.8	-21.2	16.7
Mo	856.0	885.1	1,543.3	957.0	658.5	878.1	-31.2	33.3
N Dak	189.8	203.5	345.8	212.2	151.4	196.8	-28.7	30.0
S Dak	704.4	933.4	1,237.4	787.5	694.4	704.1	-11.8	1.4
Nebr	1,604.7	2,000.3	3,317.1	1,794.1	1,488.2	1,887.4	-17.1	26.8
Kans	1,154.7	1,663.6	3,441.9	1,291.0	1,237.7	1,958.4	-4.1	58.2
SA:								
Del	2.4	6.4	11.1	2.7	4.8	6.3	77.8	31.3
Md	26.7	34.8	76.6	29.9	25.9	43.6	-13.4	68.3
DC	NR	NR	NR	(-)	(-)	(-)	(-)	(-)
VA	127.6	173.6	304.7	142.7	129.2	173.4	-9.5	34.2
W Va	30.3	30.9	75.7	33.9	23.0	43.1	-32.2	87.4
NC	92.3	167.2	337.8	103.2	124.4	192.2	20.5	54.5
SC	37.4	48.7	94.6	41.8	36.2	53.8	-13.4	48.6
Ga	172.2	208.8	369.1	192.5	155.3	210.0	-19.3	35.2
Fla	129.1	156.9	337.5	144.3	116.7	192.0	-19.1	64.5
ESC:								
Ky	242.2	258.8	568.5	270.8	192.5	323.5	-28.9	68.1
Tenn	184.0	185.8	394.1	205.7	138.2	224.2	-32.8	62.2
Ala	128.5	145.0	271.0	143.7	107.9	154.2	-24.9	42.9
Miss	104.3	108.1	198.2	116.6	80.4	112.8	-31.0	40.3
WSC:								
Ark	76.5	107.8	251.7	85.5	80.2	143.2	-6.2	78.6
La	56.9	61.1	103.8	63.6	45.5	59.1	-28.5	29.9
Okla	585.0	720.5	1,534.9	654.0	536.1	873.4	-18.0	62.9
Tex	1,783.2	2,749.6	4,696.0	1,993.6	2,045.7	2,672.0	2.6	30.6
MT:								
Mont	368.1	419.9	652.5	411.5	312.4	371.3	-24.1	18.9
Idaho	270.5	351.6	643.6	302.4	261.6	366.2	-13.5	40.0
Wyo	208.5	225.9	437.1	233.1	168.1	248.7	-27.9	47.9
Colo	827.3	1,155.6	1,885.7	924.9	859.8	1,073.0	-7.0	24.8
N Mex	247.5	313.9	530.0	276.7	233.5	301.6	-15.6	29.2
Ariz	318.1	482.6	524.8	355.6	359.1	298.6	1.0	-16.8
Utah	101.4	126.1	203.9	113.4	93.8	116.0	-17.3	23.7
Nev	60.4	77.0	125.5	67.5	57.3	71.4	-15.1	24.6
PAC:								
Wash	173.6	225.1	399.4	194.1	167.5	227.3	-13.7	35.7
Oreg	168.1	211.1	388.0	187.9	157.1	220.8	-16.4	40.5
Calif	938.6	1,179.0	1,458.5	1,049.4	877.2	829.9	-16.4	-5.4
Alaska	0.3	0.5	0.5	.3	.4	.3	33.3	-25.0
Hawaii	27.8	35.6	45.2	31.1	26.5	25.7	-14.8	-3.0

SIC 021; 027: LIVESTOCK FARMS, EXCEPT DAIRY, POULTRY, AND ANIMAL SPECIALTY; ANIMAL SPECIALTY FARMS
(With annual sales of \$2,500 or more) (cont'd.)

Number of Farms			% Change in Number of Farms		Real Sales per Farm (1972 dollars; thousands)			% Change in Real Sales per Farm		
1969	1974	1978	1969- 1974	1974- 1978	1969	1974	1978	1969- 1974	1974- 1978	
647,884	504,983	730,400	-22.1%	44.6%	\$30.7	\$33.1	\$29.2	7.8%	-11.8%	U.S.
227	317	662	39.6	108.8	8.8	10.1	6.2	14.8	-38.6	NE:
140	201	440	43.6	118.9	10.7	10.0	7.3	-6.5	-27.0	Maine
300	325	1,142	8.3	251.4	10.3	12.9	5.3	25.2	-58.9	NH
259	354	770	36.7	117.5	19.3	24.3	18.8	25.9	-22.6	Vt
37	47	105	27.0	123.4	16.2	14.9	5.7	-8.0	-61.7	Mass
221	295	564	33.5	91.2	14.0	11.9	8.2	-15.0	-31.1	RI
										Conn
2,976	3,284	5,822	10.3	77.3	13.1	14.8	10.7	13.0	-27.7	MA:
418	612	1,040	46.4	69.9	23.9	20.3	14.3	-15.1	-29.6	NY
7,719	7,372	11,919	-4.5	61.7	17.7	18.1	15.8	2.3	-12.7	NJ
										Pa
21,537	14,077	19,909	-34.6	41.4	20.4	21.9	17.7	7.4	-19.2	ENC:
25,798	17,091	20,993	-33.8	22.8	24.1	26.5	24.9	10.0	-6.0	Ohio
33,622	22,078	24,998	-34.3	13.2	35.7	37.4	37.6	4.8	.5	Ind
9,922	7,728	10,140	-22.1	31.2	17.8	20.8	19.3	16.9	-7.2	Ill
11,816	10,776	15,299	-8.8	42.0	18.1	20.1	19.6	11.0	-2.5	Mich
										Wis
24,919	17,392	23,664	-30.2	36.1	26.4	31.6	30.0	19.7	-5.1	WNC:
74,873	49,705	56,275	-33.6	13.2	39.8	47.3	48.7	18.8	3.0	Minn
54,810	41,834	59,196	-23.7	41.5	17.5	15.7	14.8	-10.3	-5.7	Iowa
9,919	6,223	8,672	-37.3	39.4	21.4	24.3	22.7	13.6	-6.6	Mo
25,924	20,249	20,244	-21.9	-0	30.4	34.3	34.8	12.8	1.5	N Dak
34,743	26,079	28,184	-24.9	8.1	51.6	57.1	67.0	10.7	17.3	S Dak
31,263	20,572	29,671	-34.2	44.2	41.3	60.2	66.0	45.8	9.6	Nebr
										Kans
157	134	279	-14.6	108.2	17.2	35.8	22.6	108.1	-36.9	SA:
1,720	1,631	2,914	-5.2	78.7	17.4	15.9	15.0	-8.6	-5.7	Del
NR	NR	NR	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Md
10,388	10,181	16,616	-2.0	63.2	13.7	12.7	10.4	-7.3	-18.1	DC
3,771	3,506	6,936	-7.0	97.8	9.0	6.6	6.2	-26.7	-6.1	VA
6,479	6,406	11,006	-1.1	71.8	15.9	19.4	17.5	22.0	-9.8	W Va
3,090	3,036	5,640	-1.7	85.8	13.5	11.9	9.5	-11.9	-20.2	NC
10,586	9,023	15,271	-14.8	69.2	18.2	17.2	13.8	-5.5	-19.8	SC
4,980	5,136	9,971	3.1	94.1	29.0	22.7	19.3	-21.7	-15.0	Ga
										Fla
20,188	16,871	24,823	-16.4	47.1	13.4	11.4	13.0	-14.9	14.0	ESC:
20,310	16,758	28,536	-17.5	70.3	10.1	8.2	7.9	-18.8	-3.7	Ky
10,803	9,573	16,402	-11.4	71.3	13.3	11.3	9.4	-15.0	-16.8	Tenn
9,501	8,704	13,578	-8.4	56.0	12.3	9.2	8.3	-25.2	-9.8	Ala
										Miss
9,249	9,667	19,444	4.5	101.1	9.2	8.3	7.4	-9.8	-10.8	WSC:
4,935	4,745	8,185	-3.9	72.5	12.9	9.6	7.2	-25.6	-25.0	Ark
30,594	23,046	40,081	-24.7	73.9	21.4	23.3	21.8	8.9	-6.4	La
62,995	53,991	86,677	-14.3	60.5	31.6	37.9	30.8	19.9	-18.7	Okla
										Tex
11,382	8,638	11,156	-24.1	29.2	36.2	36.2	33.3	.0	-8.0	MT:
6,763	5,620	7,977	-16.9	41.9	44.7	46.5	45.9	4.0	-1.3	Mont
5,400	4,469	5,041	-17.2	12.8	43.2	37.6	49.3	-13.0	31.1	Idaho
11,127	8,551	11,781	-23.2	37.8	83.1	100.5	91.1	20.9	-9.4	Wyo
4,601	4,649	5,860	1.0	26.0	60.1	50.2	51.5	-16.5	2.6	Colo
1,718	1,780	2,466	3.6	38.5	207.0	201.7	121.1	-2.6	-40.0	N Mex
4,104	3,936	5,400	-4.1	37.2	27.6	23.8	21.5	-13.8	-9.7	Ariz
971	948	1,270	-2.4	34.0	69.5	60.4	56.2	-13.1	-7.0	Utah
										Nev
4,986	4,372	7,983	-12.3	82.6	38.9	38.3	28.5	-1.5	-25.6	PAC:
5,929	5,678	9,950	-4.2	75.2	31.7	27.7	22.2	-12.6	-19.9	Wash
9,288	9,877	13,878	6.3	40.5	113.0	88.8	59.8	-21.4	-32.7	Oreg
33	51	57	54.5	11.8	9.1	7.8	5.3	-14.3	-32.1	Calif
393	385	496	-2.0	28.8	79.1	68.8	51.8	-13.0	-24.7	Alaska
										Hawaii

Note: Figures for 1978 differ from Census Bureau figures, reflecting the exclusion here of farms with sales under \$2,500.

Sources: U.S. Department of Commerce, Bureau of the Census, Census of Agriculture, 1969, 1974, 1978.

SIC 024: DAIRY FARMS (With annual sales of \$2,500 or more)

	Sales (Current dollars; millions)			Real Sales (1972 dollars; millions)			Percent Change in Real Sales	
	1969	1974	1978	1969	1974	1978	1969- 1974	1974- 1978
U.S.	\$6,580.2	\$9,591.7	\$12,547.0	\$7,356.7	\$7,136.2	\$7,139.2	-3.0%	.0%
NE:								
Maine	38.7	60.7	75.9	43.3	45.2	43.2	4.4	-4.4
NH	24.3	33.2	40.5	27.2	24.7	23.0	-9.2	-6.9
Vt	122.0	178.5	238.4	136.4	132.8	135.6	-2.6	2.1
Mass	44.6	57.7	67.6	49.9	42.9	38.5	-14.0	-10.3
RI	4.5	5.9	6.0	5.0	4.4	3.4	-12.0	-22.7
Conn	44.8	58.2	68.2	50.1	43.3	38.8	-13.6	-10.4
MA:								
NY	605.8	856.8	1,126.9	677.3	637.5	641.2	-5.9	.6
NJ	48.5	50.1	58.9	54.2	37.3	33.5	-31.2	-10.2
Pa	465.7	670.5	875.1	520.7	498.9	497.9	-4.2	-.2
ENC:								
Ohio	271.1	363.3	440.8	303.1	270.3	250.8	-10.8	-7.2
Ind	133.8	178.2	192.7	149.6	132.6	109.6	-11.4	-17.3
Ill	174.4	203.0	234.4	195.0	151.0	133.4	-22.6	-11.7
Mich	274.4	382.8	499.9	306.8	284.8	284.4	-7.2	-.1
Wis	1,022.0	1,533.4	2,196.7	1,142.6	1,140.8	1,249.9	-.2	9.6
WNC:								
Minn	505.6	708.1	850.3	565.3	526.8	483.8	-6.8	-8.2
Iowa	207.2	267.0	270.8	231.6	198.6	154.1	-14.2	-22.4
Mo	142.4	190.2	259.7	159.2	141.5	147.8	-11.1	4.5
N Dak	35.7	56.2	73.7	39.9	41.8	41.9	4.8	.2
S Dak	66.4	113.4	117.1	74.2	84.4	66.6	13.7	-21.1
Nebr	59.3	95.1	94.0	66.3	70.8	53.5	6.8	-24.4
Kans	94.7	122.4	131.9	105.9	91.1	75.1	-14.0	-17.6
SA:								
Del	8.2	10.5	13.3	9.2	7.8	7.6	-15.2	-2.6
Md	96.1	139.6	167.4	107.4	103.9	95.3	-3.3	-8.3
DC	NR	NR	NR	(-)	(-)	(-)	(-)	(-)
VA	112.3	165.1	217.6	125.6	122.8	123.8	-2.2	.8
W Va	23.6	31.9	40.4	26.4	23.7	23.0	-10.2	-3.0
NC	93.1	134.9	170.5	104.1	100.4	97.0	-3.6	-3.4
SC	36.6	50.4	59.7	40.9	37.5	34.0	-8.3	-9.3
Ga	78.1	109.3	158.0	87.3	81.3	89.9	-6.9	10.6
Fla	121.9	225.9	248.3	136.3	168.1	141.3	23.3	-15.9
ESC:								
Ky	128.6	183.3	233.3	143.8	136.4	132.7	-5.1	-2.7
Tenn	119.7	169.0	210.6	133.8	125.7	119.8	-6.1	-4.7
Ala	55.2	65.9	74.1	61.7	49.0	42.2	-20.6	-13.9
Miss	67.1	75.1	93.6	75.0	55.9	53.3	-25.5	-4.7
WSC:								
Ark	37.0	49.9	69.6	41.4	37.1	39.6	-10.4	6.7
La	69.1	96.3	117.0	77.3	71.6	66.6	-7.4	-7.0
Okla	73.4	86.6	111.5	82.1	64.4	63.4	-21.6	-1.6
Tex	198.7	265.4	385.2	222.1	197.5	219.2	-11.1	11.0
MT:								
Mont	15.0	21.4	29.0	16.8	15.9	16.5	-5.4	3.8
Idaho	65.5	110.9	163.8	73.2	82.5	93.2	12.7	13.0
Wyo	6.2	9.7	11.3	6.9	7.2	6.4	4.3	-11.1
Colo	49.4	66.7	92.4	55.2	49.6	52.6	-10.1	6.0
N Mex	19.3	31.9	53.4	21.6	23.7	30.4	9.7	28.3
Ariz	33.5	66.1	102.3	37.5	49.2	58.2	31.2	18.3
Utah	41.1	70.5	101.5	45.9	52.5	57.8	14.4	10.1
Nev	7.7	13.9	18.7	8.6	10.3	10.6	19.8	2.9
PAC:								
Wash	106.5	181.0	284.0	119.1	134.7	161.6	13.1	20.0
Oreg	50.4	83.4	119.8	56.3	62.0	68.2	10.1	10.0
Calif	466.2	868.7	1,254.2	521.2	646.3	713.6	24.0	10.4
Alaska	1.9	2.7	2.4	2.1	2.0	1.4	-4.8	-30.0
Hawaii	12.7	20.6	24.4	14.2	15.3	13.9	7.7	-9.2

SIC 024: DAIRY FARMS (With annual sales of \$2,500 or more) (cont'd.)

Number of Farms			% Change in Number of Farms		Real Sales per Farm (1972 dollars; thousands)			% Change in Real Sales per Farm		
1969	1974	1978	1969- 1974	1974- 1978	1969	1974	1978	1969- 1974	1974- 1978	
260,956	196,057	166,600	-24.9%	-15.0%	\$28.2	\$36.4	\$42.9	29.1%	17.9%	U.S.
1,376	1,217	1,097	-11.6	-9.9	31.5	37.1	39.4	17.8	6.2	NE:
849	626	536	-26.3	-14.4	32.0	39.5	42.9	23.4	8.6	Maine
4,017	3,378	3,185	-15.9	-5.7	34.0	39.3	42.6	15.6	8.4	NH
1,251	914	804	-26.9	-12.0	39.9	46.9	47.9	17.5	2.1	Vt
147	118	91	-19.7	-22.9	34.0	37.3	37.4	9.7	.3	Mass
1,105	794	643	-28.1	-19.0	45.3	54.5	60.3	20.1	10.6	RI
										Conn
21,711	17,247	15,374	-20.6	-10.9	31.2	37.0	41.7	18.6	12.7	MA:
1,180	739	590	-37.4	-20.2	45.9	50.5	56.8	10.0	12.5	NY
19,162	15,661	13,969	-18.3	-10.8	27.2	31.9	35.6	17.3	11.6	NJ
										Pa
12,670	8,877	7,433	-29.9	-16.3	23.9	30.4	33.7	27.2	10.9	ENC:
5,974	4,098	2,974	-31.4	-27.4	25.0	32.4	36.9	29.6	13.9	Ohio
6,599	4,382	3,193	-33.6	-27.1	29.5	34.5	41.8	16.9	21.2	Ind
12,586	8,530	6,983	-32.2	-18.1	24.4	33.4	40.7	36.9	21.9	Ill
55,499	46,951	41,124	-15.4	-12.4	20.6	24.3	30.4	18.0	25.1	Mich
										Wis
30,744	22,966	17,776	-25.3	-22.6	18.4	22.9	27.2	24.5	18.8	WNC:
9,274	6,616	4,453	-28.7	-32.7	25.0	30.0	34.6	20.0	15.3	Minn
8,230	5,249	4,606	-36.2	-12.2	19.3	27.0	32.1	39.9	18.9	Iowa
1,874	1,425	1,378	-24.0	-3.3	21.3	29.3	30.4	37.6	3.8	Mo
3,311	2,959	2,113	-10.6	-28.6	22.4	28.5	31.5	27.2	10.5	N Dak
2,459	2,121	1,288	-13.7	-39.3	27.0	33.4	41.5	23.7	24.3	S Dak
3,493	2,374	1,817	-32.0	-23.5	30.3	38.4	41.3	26.7	7.6	Nebr
										Kans
260	167	162	-35.8	-3.0	35.4	46.7	46.9	31.9	.4	SA:
2,698	2,071	1,679	-23.2	-18.9	39.8	50.2	56.8	26.1	13.1	Del
NR	NR	NR	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Md
3,658	2,632	2,289	-28.0	-13.0	34.3	46.7	54.1	36.2	15.8	DC
1,190	782	636	-34.3	-18.7	22.2	30.3	36.2	36.5	19.5	VA
2,536	1,773	1,536	-30.1	-13.4	41.0	56.6	63.2	38.0	11.7	W Va
689	415	393	-39.8	-5.3	59.4	90.4	86.5	52.2	-4.3	NC
1,551	926	1,051	-40.3	13.5	56.3	87.8	85.5	56.0	-2.6	SC
547	437	503	-20.1	15.1	249.2	384.7	280.9	54.4	-27.0	Ga
										Fla
8,080	5,217	4,626	-35.4	-11.3	17.8	26.1	28.7	46.6	10.0	Ky
6,806	4,152	3,304	-39.0	-20.4	19.7	30.3	36.3	53.8	19.8	Tenn
1,348	718	688	-46.7	-4.2	45.8	68.2	61.3	48.9	-10.1	Ala
2,811	1,337	1,209	-52.4	-9.6	26.7	41.8	44.1	56.6	5.5	Miss
1,872	1,076	1,196	-42.5	11.2	22.1	34.5	33.1	56.1	-4.1	WSC:
1,840	1,442	1,227	-21.6	-14.9	42.0	49.7	54.3	18.3	9.3	Ark
2,444	1,479	1,512	-39.5	2.2	33.6	43.5	41.9	29.5	-3.7	La
4,126	2,767	3,005	-32.9	8.6	53.8	71.4	72.9	32.7	2.1	Okla
										Tex
429	304	288	-29.1	-5.3	39.2	52.3	57.3	33.4	9.6	MT:
3,288	2,470	1,996	-24.9	-19.2	22.3	33.4	46.7	49.8	39.8	Mont
248	194	155	-21.8	-20.1	27.8	37.1	41.3	33.5	11.3	Idaho
1,023	740	697	-27.7	-5.8	54.0	67.0	75.5	24.1	12.7	Wyo
179	153	138	-14.5	-9.8	120.7	154.9	220.3	28.3	42.2	Colo
177	155	171	-12.4	10.3	211.9	317.4	340.4	49.8	7.2	N Mex
1,517	1,212	1,059	-20.1	-12.6	30.3	43.3	54.6	42.9	26.1	Ariz
96	69	67	-28.1	-2.9	89.6	149.3	158.2	66.6	6.0	Utah
										Nev
2,545	1,896	1,768	-25.5	-6.8	46.8	71.0	91.4	51.7	28.7	PAC:
1,542	1,134	1,097	-26.5	-3.3	36.5	54.7	62.2	49.9	13.7	Wash
3,872	3,046	2,701	-21.3	-11.3	134.6	212.2	264.2	57.7	24.5	Oreg
33	20	18	-39.4	-10.0	63.6	100.0	77.8	57.2	-22.2	Calif
40	31	25	-22.5	-19.4	355.0	493.5	556.0	39.0	12.7	Alaska
										Hawaii

Note: Figures for 1978 differ from Census Bureau figures, reflecting the exclusion here of farms with sales under \$2,500.

Sources: U.S. Department of Commerce, Bureau of the Census, Census of Agriculture, 1969, 1974, 1978.

SIC 025: POULTRY AND EGG FARMS (With annual sales of \$2,500 or more)

	Sales (Current dollars; millions)			Real Sales (1972 dollars; millions)			Percent Change in Real Sales	
	1969	1974	1978	1969	1974	1978	1969- 1974	1974- 1978
U.S.	\$3,959.7	\$6,356.8	\$8,806.3	\$4,426.9	\$4,729.5	\$5,010.8	6.8%	5.9%
NE:								
Maine	91.5	159.5	204.5	102.3	118.7	116.4	16.0	-1.9
NH	11.5	17.8	18.1	12.9	13.2	10.3	2.3	-22.0
Vt	3.0	8.7	6.3	3.4	6.5	3.6	91.2	-44.6
Mass	24.6	24.1	18.6	27.5	17.9	10.6	-34.9	-40.8
RI	3.2	3.3	3.2	3.6	2.5	1.8	-30.6	-28.0
Conn	38.0	49.5	65.2	42.5	36.8	37.1	-13.4	.8
MA:								
NY	90.7	112.4	105.2	101.4	83.6	59.9	-17.6	-28.3
NJ	29.3	24.6	17.4	32.8	18.3	9.9	-44.2	-45.9
Pa	131.2	228.7	350.5	146.7	170.2	199.4	16.0	17.2
ENC:								
Ohio	89.7	131.0	154.6	100.3	97.5	88.0	-2.8	-9.7
Ind	114.2	184.1	243.0	127.7	137.0	138.3	7.3	.9
Ill	46.8	74.5	75.9	52.3	55.4	43.2	5.9	-22.0
Mich	47.8	75.2	80.0	53.4	55.9	45.5	4.7	-18.6
Wis	50.1	86.1	116.2	56.0	64.1	66.1	14.5	3.1
WNC:								
Minn	106.8	220.9	307.4	119.4	164.3	174.9	37.6	6.5
Iowa	54.4	110.3	140.5	60.8	82.1	79.9	35.0	-2.7
Mo	73.8	130.6	183.9	82.5	97.2	104.6	17.8	7.6
N Dak	4.9	5.8	8.7	5.5	4.3	5.0	-21.8	16.3
S Dak	10.2	16.1	19.6	11.4	12.0	11.2	5.3	-6.7
Nebr	12.1	28.0	30.0	13.5	20.8	17.1	54.1	-17.8
Kans	17.6	21.4	26.3	19.7	15.9	15.0	-19.3	-5.7
SA:								
Del	86.0	149.0	206.7	96.1	110.9	117.6	15.4	6.0
Md	116.2	198.3	295.9	129.9	147.5	168.4	13.5	14.2
DC	NR	NR	NR	(-)	(-)	(-)	(-)	(-)
VA	75.2	150.6	222.7	84.1	112.0	126.7	33.2	13.1
W Va	19.3	26.3	36.6	21.6	19.6	20.8	-9.3	6.1
NC	292.4	472.4	787.2	326.9	351.5	447.9	7.5	27.4
SC	62.8	91.9	140.2	70.2	68.4	79.8	-2.6	16.7
Ga	414.1	604.5	882.8	463.0	449.7	502.3	-2.9	11.7
Fla	116.6	184.0	230.0	130.4	136.9	130.9	5.0	-4.4
ESC:								
Ky	18.2	23.3	25.4	20.3	17.3	14.5	-14.8	-16.2
Tenn	56.8	77.1	105.0	63.5	57.4	59.7	-9.6	4.0
Ala	279.3	453.4	673.8	312.3	337.3	383.4	8.0	13.7
Miss	169.9	274.8	396.2	189.9	204.5	225.4	7.7	10.2
WSC:								
Ark	372.8	659.5	962.2	416.8	490.7	547.5	17.7	11.6
La	45.8	72.3	124.8	51.2	53.8	71.0	5.1	32.0
Okla	28.3	56.9	101.8	31.6	42.3	57.9	33.9	36.9
Tex	213.3	317.7	428.1	238.5	236.4	243.6	-.9	3.0
MT:								
Mont	3.6	6.6	6.3	4.0	4.9	3.6	22.5	-26.5
Idaho	6.1	9.7	10.5	6.8	7.2	6.0	5.9	-16.7
Wyo	0.6	D	0.2	0.7	(-)	0.1	(-)	(-)
Colo	19.2	40.3	57.6	21.5	30.0	32.8	39.5	9.3
N Mex	4.3	3.9	9.9	4.8	2.9	5.6	-39.6	93.1
Ariz	10.0	6.5	7.3	11.2	4.8	4.2	-57.1	-12.5
Utah	25.4	43.4	54.9	28.4	32.3	31.2	13.7	-3.4
Nev	0.0	D	0.1	0.0	(-)	0.1	(-)	(-)
PAC:								
Wash	46.9	62.7	76.3	52.4	46.6	43.4	-11.1	-6.9
Oreg	32.7	46.5	58.8	36.6	34.6	33.5	-5.5	-3.2
Calif	382.6	595.3	711.7	427.7	442.9	405.0	3.6	-8.6
Alaska	0.3	0.5	0.4	.3	.4	.2	33.3	-50.0
Hawaii	9.2	16.3	17.7	10.3	12.1	10.1	17.5	-16.5

SIC 025: POULTRY AND EGG FARMS (With annual sales of \$2,500 or more) (cont'd.)

Number of Farms			% Change in Number of Farms		Real Sales per Farm (1972 dollars; thousands)			% Change in Real Sales per Farm		
1969	1974	1978	1969-1974	1974-1978	1969	1974	1978	1969-1974	1974-1978	
57,545	42,690	41,900	-25.8%	-1.9%	\$76.9	\$110.8	\$119.6	44.1%	7.9%	U.S.
999	663	595	-33.6	-10.3	102.4	179.0	195.6	74.8	9.3	NE:
208	112	92	-46.2	-17.9	62.0	117.9	112.0	90.2	-5.0	Maine
55	52	40	-5.5	-23.1	61.8	125.0	90.0	102.3	-28.0	NH
399	187	157	-53.1	-16.0	68.9	95.7	67.5	38.9	-29.5	Vt
66	33	22	-50.0	-33.3	54.5	75.8	81.8	39.1	7.9	Mass
565	304	285	-46.2	-6.3	75.2	121.1	130.2	61.0	7.5	RI
										Conn
1,043	581	510	-44.3	-12.2	97.2	143.9	117.5	48.0	-18.3	MA:
597	277	219	-53.6	-20.9	54.9	66.1	45.2	20.4	-31.6	NY
2,464	1,577	1,515	-36.0	-3.9	59.5	107.9	131.6	81.3	22.0	NJ
										Pa
1,743	1,152	1,033	-33.9	-10.3	57.5	84.6	85.2	47.1	.7	ENC:
1,686	1,112	1,256	-34.0	12.9	75.7	123.2	110.1	62.7	-10.6	Ohio
660	506	380	-23.3	-24.9	79.2	109.5	113.7	38.3	3.8	Ind
929	525	409	-43.5	-22.1	57.5	106.5	111.2	85.2	4.4	Ill
688	466	392	-32.3	-15.9	81.4	137.6	168.6	69.0	22.5	Mich
										Wis
1,220	931	947	-23.7	1.7	97.9	176.5	184.7	80.3	4.6	WNC:
831	645	595	-22.4	-7.8	73.2	127.3	134.3	73.9	5.5	Minn
1,104	894	923	-19.0	3.2	74.7	108.7	113.3	45.5	4.2	Iowa
84	57	62	-32.1	8.8	65.5	75.4	80.6	15.1	6.9	Mo
200	135	103	-32.5	-23.7	57.0	88.9	108.7	56.0	22.3	N Dak
166	131	110	-21.1	-16.0	81.3	158.8	155.5	95.3	-2.1	S Dak
298	177	152	-40.6	-14.1	66.1	89.8	98.7	35.9	9.9	Nebr
										Kans
1,102	1,004	1,046	-8.9	4.2	87.2	110.5	112.4	26.7	1.7	SA:
1,647	1,405	1,651	-14.7	17.5	78.9	105.0	102.0	33.1	-2.9	Del
NR	NR	NR	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Md
1,282	983	998	-23.3	1.5	65.6	113.9	127.0	73.6	11.5	DC
517	297	254	-42.6	-14.5	41.8	66.0	81.9	57.9	24.1	VA
4,843	3,637	4,068	-24.9	11.9	67.5	96.6	110.1	43.1	14.0	W Va
749	542	565	-27.6	4.2	93.7	126.2	141.2	34.7	11.9	NC
7,508	5,194	5,100	-30.8	-1.8	61.7	86.6	98.5	40.4	13.7	SC
956	881	927	-7.8	5.2	136.4	155.4	141.2	13.9	-9.1	Ga
										Fla
398	236	181	-40.7	-23.3	51.0	73.3	80.1	43.7	9.3	ESC:
1,224	846	757	-30.9	-10.5	51.9	67.8	78.9	30.6	16.4	Ky
5,671	4,712	4,320	-16.9	-8.3	55.1	71.6	88.8	29.9	24.0	Tenn
2,175	1,917	1,944	-11.9	1.4	87.3	106.7	115.9	22.2	8.6	Ala
										Miss
5,699	5,498	5,587	-3.5	1.6	73.1	89.3	98.0	22.2	9.7	WSC:
644	461	505	-28.4	9.5	79.5	116.7	140.6	46.8	20.5	Ark
536	470	697	-12.3	48.3	59.0	90.0	83.1	52.5	-7.7	La
2,936	1,883	1,621	-35.9	-13.9	81.2	125.5	150.3	54.6	19.8	Okla
										Tex
68	32	30	-52.9	-6.3	58.8	153.1	120.0	160.4	-21.6	MT:
97	44	48	-54.6	9.1	70.1	163.6	125.0	133.4	-23.6	Mont
15	9	6	-40.0	-33.3	46.7	(-)	16.7	(-)	(-)	Idaho
121	90	95	-25.6	5.6	177.7	333.3	345.3	87.6	3.6	Wyo
39	17	12	-56.4	-29.4	123.1	170.6	466.7	38.6	173.6	Colo
64	22	20	-65.6	-9.1	175.0	218.2	210.0	24.7	-3.8	N Mex
270	189	131	-30.0	-30.7	105.2	170.9	238.2	62.5	39.4	Ariz
3	2	5	-33.3	150.0	6.7	(-)	20.0	(-)	(-)	Utah
										Nev
447	248	216	-44.5	-12.9	117.2	187.9	200.9	60.3	6.9	PAC:
390	217	192	-44.4	-11.5	93.8	159.4	174.5	69.9	9.5	Wash
2,048	1,282	1,126	-37.4	-12.2	208.8	345.5	359.7	65.5	4.1	Oreg
6	6	4	.0	-33.3	50.0	66.7	50.0	33.4	-25.0	Calif
85	49	44	-42.4	-10.2	121.2	246.9	229.5	103.7	-7.0	Alaska
										Hawaii

Note: Figures for 1978 differ from Census Bureau figures, reflecting the exclusion here of farms with sales under \$2,500.

Sources: U.S. Department of Commerce, Bureau of the Census, Census of Agriculture, 1969, 1974, 1978.

SIC 07: AGRICULTURAL SERVICES

	Receipts (Current dollars; millions)			Real Receipts (1972 dollars; millions)			Percent Change in Real Receipts	
	1969	1974	1978	1969	1974	1978	1969- 1974	1974- 1978
U.S.	\$2,094.1	\$3,555.0	\$7,250.9	\$2,341.2	\$2,644.9	\$4,125.8	13.0%	56.0%
NE:								
Maine	8.2	12.0	20.2	9.2	8.9	11.5	-3.3	29.2
NH	12.2	10.2	15.9	13.6	7.6	9.0	-44.1	18.4
Vt	3.2	8.7	16.8	3.6	6.5	9.6	80.6	47.7
Mass	37.6	66.4	113.5	42.0	49.4	64.6	17.6	30.8
RI	5.3	10.3	15.2	5.9	7.7	8.6	30.5	11.7
Conn	25.9	54.4	87.9	29.0	40.5	50.0	39.7	23.5
MA:								
NY	123.6	207.7	315.8	138.2	154.5	179.7	11.8	16.3
NJ	48.6	99.8	172.5	54.3	74.3	98.2	36.8	32.2
Pa	125.8	209.1	252.9	140.6	155.6	143.9	10.7	-7.5
ENC:								
Ohio	105.0	143.5	242.0	117.4	106.8	137.7	-9.0	28.9
Ind	30.6	44.3	103.8	34.2	33.0	59.1	-3.5	79.1
Ill	80.8	102.7	264.1	90.3	76.4	150.3	-15.4	96.7
Mich	57.2	91.8	175.4	63.9	68.3	99.8	6.9	46.1
Wis	46.9	62.4	111.9	52.4	46.4	63.7	-11.5	37.3
WNC:								
Minn	28.6	43.8	108.4	32.0	32.6	61.7	1.9	89.3
Iowa	39.4	52.7	103.0	44.0	39.2	58.6	-10.9	49.5
Mo	35.0	55.1	102.9	39.1	41.0	58.6	4.9	42.9
N Dak	3.9	7.9	19.8	4.4	5.9	11.3	34.1	91.5
S Dak	7.8	11.7	21.8	8.7	8.7	12.4	.0	42.5
Nebr	20.6	32.6	68.6	23.0	24.3	39.0	5.7	60.5
Kans	57.1	32.7	73.0	63.8	24.3	41.5	-61.9	70.8
SA:								
Del	4.3	8.7	12.0	4.8	6.5	6.8	35.4	4.6
Md	30.1	63.3	112.9	33.7	47.1	64.2	39.8	36.3
DC	3.0	3.5	5.1	3.4	2.6	2.9	-23.5	11.5
VA	23.4	48.5	109.8	26.2	36.1	62.5	37.8	73.1
W Va	4.3	8.9	17.9	4.8	6.6	10.2	37.5	54.5
NC	33.1	52.5	107.7	37.0	39.1	61.3	5.7	56.8
SC	11.9	24.2	50.9	13.3	18.0	29.0	35.3	61.1
Ga	32.6	58.0	105.2	36.4	43.2	59.9	18.7	38.7
Fla	171.0	359.2	687.0	191.2	267.2	390.9	39.7	46.3
ESC:								
Ky	19.2	27.9	79.8	21.5	20.8	45.4	-3.3	118.3
Tenn	22.0	24.9	76.9	24.6	18.5	43.8	-24.8	136.8
Ala	26.8	31.7	61.4	30.0	23.6	34.9	-21.3	47.9
Miss	24.8	41.8	78.9	27.7	31.1	44.9	12.3	44.4
WSC:								
Ark	24.5	44.4	82.5	27.4	33.0	46.9	20.4	42.1
La	23.6	41.5	85.5	26.4	30.9	48.6	17.0	57.3
Okla	28.4	25.4	78.6	31.8	18.9	44.7	-40.6	136.5
Tex	206.2	183.5	505.6	230.5	136.5	287.7	-40.8	110.8
MT:								
Mont	7.2	8.2	22.3	8.0	6.1	12.7	-23.8	108.2
Idaho	12.3	19.9	59.1	13.8	14.8	33.6	7.2	127.0
Wyo	3.0	3.3	9.1	3.4	2.5	5.2	-26.5	108.0
Colo	27.9	48.3	108.1	31.2	35.9	61.5	15.1	71.3
N Mex	13.8	15.9	31.1	15.4	11.8	17.7	-23.4	50.0
Ariz	49.9	82.7	166.5	55.8	61.5	94.7	10.2	54.0
Utah	7.3	6.9	25.1	8.2	5.1	14.3	-37.8	180.4
Nev	5.1	8.3	21.4	5.7	6.2	12.2	8.8	96.8
PAC:								
Wash	45.4	72.4	180.1	50.8	53.9	102.5	6.1	90.2
Oreg	24.8	39.4	83.3	27.7	29.3	47.4	5.8	61.8
Calif	299.8	825.0	1,838.9	335.2	613.8	1,046.3	83.1	70.5
Alaska	0.4	1.7	4.8	.4	1.3	2.7	225.0	107.7
Hawaii	4.3	15.4	37.6	4.8	11.5	21.4	139.6	86.1

SIC 07: AGRICULTURAL SERVICES (cont'd.)

Number of Paid Employees			% Change in Number of Employees		Real Receipts per Employee (1972 dollars; thousands)			% Change in Real Receipts per Employee		
1969	1974	1978	1969-1974	1974-1978	1969	1974	1978	1969-1974	1974-1978	
422,865	500,668	993,557	18.4%	98.4%	\$5.5	\$5.3	\$4.2	-3.6%	-20.8%	U.S.
1,496	1,411	2,332	-5.7	65.3	6.1	6.3	4.9	3.3	-22.2	NE:
805	1,046	1,588	29.9	51.8	16.9	7.3	5.7	-56.8	-21.9	Maine
516	831	1,329	61.0	59.9	7.0	7.8	7.2	11.4	-7.7	NH
5,646	6,678	10,841	18.3	62.3	7.4	7.4	6.0	.0	-18.9	Vt
936	1,266	1,908	35.3	50.7	6.3	6.1	4.5	-3.2	-26.2	Mass
4,320	5,037	7,802	16.6	54.9	6.7	8.0	6.4	19.4	-20.0	RI
										Conn
13,725	17,446	24,463	27.1	40.2	10.1	8.9	7.3	-11.9	-18.0	MA:
6,459	8,961	15,598	38.7	74.1	8.4	8.3	6.3	-1.2	-24.1	NY
24,288	13,016	20,308	-46.4	56.0	5.8	12.0	7.1	106.9	-40.8	NJ
										Pa
11,357	14,218	21,260	25.2	49.5	10.3	7.5	6.5	-27.2	-13.3	ENC:
3,194	4,778	12,394	49.6	159.4	10.7	6.9	4.8	-35.5	-30.4	Ohio
8,472	9,491	24,618	12.0	159.4	10.7	8.0	6.1	-25.2	-23.8	Ind
7,958	9,588	16,007	20.5	66.9	8.0	7.1	6.2	-11.3	-12.7	Ill
4,064	5,381	9,065	32.4	68.5	12.9	8.6	7.0	-33.3	-18.6	Mich
										Wis
2,652	4,269	8,998	61.0	110.8	12.1	7.6	6.9	-37.2	-9.2	WNC:
4,202	3,736	8,462	-11.1	126.5	10.5	10.5	6.9	.0	-34.3	Minn
3,986	5,222	10,850	31.0	107.8	9.8	7.9	5.4	-19.4	-31.6	Iowa
507	585	1,567	15.4	167.9	8.7	10.1	7.2	16.1	-28.7	Mo
647	767	1,799	18.5	134.6	13.4	11.3	6.9	-15.7	-38.9	N Dak
1,849	2,356	4,989	27.4	111.8	12.4	10.3	7.8	-16.9	-24.3	S Dak
2,760	2,642	6,078	-4.3	130.1	23.1	9.2	6.8	-60.2	-26.1	Nebr
										Kans
714	922	1,372	29.1	48.8	6.7	7.0	5.0	4.5	-28.6	SA:
3,768	6,219	11,181	65.0	79.8	8.9	7.6	5.7	-14.6	-25.0	Del
317	262	668	-17.4	155.0	10.7	9.9	4.3	-7.5	-56.6	Md
3,150	5,329	10,875	69.2	104.1	8.3	6.8	5.7	-18.1	-16.2	DC
453	959	1,641	111.7	71.1	10.6	6.9	6.2	-34.9	-10.1	VA
3,980	6,428	12,300	61.5	91.4	9.3	6.1	5.0	-34.4	-18.0	W Va
2,957	2,632	5,517	-11.0	109.6	4.5	6.8	5.3	51.1	-22.1	Nc
3,600	6,625	10,083	84.0	52.2	10.1	6.5	5.9	-35.6	-9.2	SC
57,311	87,114	144,314	52.0	65.7	3.3	3.1	2.7	-6.1	-12.9	Ga
										Fla
3,030	2,588	6,556	-14.6	153.3	7.1	8.0	6.9	12.7	-13.8	ESC:
3,163	3,011	8,288	-4.8	175.3	7.8	6.1	5.3	-21.8	-13.1	Ky
2,412	3,809	5,963	57.9	56.6	12.4	6.2	5.9	-50.0	-4.8	Tenn
3,845	5,226	8,799	35.9	68.4	7.2	6.0	5.1	-16.7	-15.0	Ala
										Miss
3,796	5,369	8,541	41.4	59.1	7.2	6.1	5.5	-15.3	-9.8	WSC:
3,003	3,983	7,453	32.6	87.1	8.8	7.8	6.5	-11.4	-16.7	Ark
2,537	2,602	7,272	2.6	179.5	12.5	7.3	6.1	-41.6	-16.4	La
25,242	26,290	74,703	4.2	184.1	9.1	5.2	3.9	-42.9	-25.0	Okla
										Tex
396	711	1,588	79.5	123.3	20.2	8.6	8.0	-57.4	-7.0	MT:
1,545	1,443	4,965	-6.6	244.1	8.9	10.3	6.8	15.7	-34.0	Mont
260	398	863	53.1	116.8	13.1	6.3	6.0	-51.9	-4.8	Idaho
3,153	5,339	12,516	69.3	134.4	9.9	6.7	4.9	-32.3	-26.9	Wyo
1,911	1,834	4,783	-4.0	160.8	8.1	6.4	3.7	-21.0	-42.2	Colo
12,854	18,188	27,817	41.5	52.9	4.3	3.4	3.4	-20.9	.0	N Mex
297	783	2,445	163.6	212.3	27.6	6.5	5.8	-76.4	-10.8	Ariz
335	761	2,267	127.2	197.9	17.0	8.1	5.4	-52.4	-33.3	Utah
										Nev
7,535	8,417	17,005	11.7	102.0	6.7	6.4	6.0	-4.5	-6.3	PAC:
4,194	4,423	9,520	5.5	115.2	6.6	6.6	5.0	.0	-24.2	Wash
156,285	168,559	369,362	7.9	119.1	2.1	3.6	2.8	71.4	-22.2	Oreg
22	102	245	363.6	140.2	18.2	12.7	11.0	-30.2	-13.4	Calif
571	1,607	2,399	181.4	49.3	8.4	7.2	8.9	-14.3	23.6	Alaska
										Hawaii

Sources: U.S. Department of Commerce, Bureau of the Census, Census of Agriculture, 1969, 1974, 1978.

SIC 60: BANKING

	Wage and Salary Earnings (Current dollars; millions)				Real Wage and Salary Earnings (1972 dollars; millions)			Percent Change in Real Earnings	
	1967	1972	1977	1980	1967	1977	1980	1967- 1977	1977- 1980
U.S.	\$5,744.0	\$9,899.0	\$16,629.0	\$24,603.0	\$6,841.1	\$10,198.6	\$10,901.6	49.1%	6.9%
NE:									
Maine	20.9	37.2	60.1	86.5	24.9	36.9	38.3	48.2	3.8
NH	16.3	28.4	49.1	76.9	19.4	30.1	34.1	55.2	13.3
Vt	10.7	18.9	31.5	46.6	12.7	19.3	20.6	52.0	6.7
Mass	218.2	401.5	547.8	729.9	259.9	336.0	323.4	29.3	-3.8
RI	24.9	43.6	75.7	113.3	29.7	46.4	50.2	56.2	8.2
Conn	92.6	159.4	253.7	376.9	110.3	155.6	167.0	41.1	7.3
MA:									
NY	1,088.9	1,943.1	3,066.2	4,337.4	1,296.9	1,880.5	1,921.9	45.0	2.2
NJ	167.6	296.3	456.5	617.4	199.6	280.0	273.6	40.3	-2.3
Pa	322.6	528.7	848.6	1,199.5	384.2	520.4	531.5	35.5	2.1
ENC:									
Ohio	219.9	362.1	578.8	825.2	261.9	355.0	365.6	35.5	3.0
Ind	118.6	187.8	316.5	455.2	141.3	194.1	201.7	37.4	3.9
Ill	365.2	605.7	1,040.4	1,502.3	434.0	638.1	665.7	47.0	4.3
Mich	212.6	343.9	558.1	812.9	253.2	342.3	360.2	35.2	5.2
Wis	96.3	159.4	256.7	366.7	114.7	157.4	162.5	37.2	3.2
WNC:									
Minn	109.9	170.6	278.4	434.8	130.9	170.7	192.7	30.4	12.9
Iowa	75.1	115.5	191.7	270.2	89.4	117.6	119.7	31.5	1.8
Mo	134.7	207.7	332.6	473.7	160.4	204.0	209.9	27.2	2.9
N Dak	16.2	23.5	43.0	62.9	19.3	26.4	27.9	36.8	5.7
S Dak	19.4	27.9	48.7	70.4	23.1	29.9	31.2	29.4	4.3
Nebr	44.0	70.0	115.3	162.5	52.4	70.7	72.0	34.9	1.8
Kans	58.1	91.4	160.5	230.0	69.2	98.4	101.9	42.2	3.6
SA:									
Del	19.3	32.7	D	63.7	23.0	(-)	30.9	(-)	(-)
Md	71.0	126.5	230.4	325.7	84.6	141.3	144.3	67.0	2.1
DC	41.2	71.0	D	169.1	49.1	(-)	74.9	(-)	(-)
VA	96.7	174.3	284.1	445.8	115.2	174.2	197.5	51.2	13.4
W Va	28.0	46.8	89.4	129.8	33.3	54.8	57.5	64.6	4.9
NC	93.3	182.4	297.3	421.8	111.1	182.3	186.9	64.1	2.5
SC	34.9	68.6	121.2	182.6	41.6	74.3	80.9	78.6	8.9
Ga	101.7	197.5	301.3	437.2	121.1	184.8	193.7	52.6	4.8
Fla	141.2	278.1	488.0	756.6	168.2	299.3	335.2	77.9	12.0
ESC:									
Ky	56.0	95.2	183.0	276.6	66.7	112.2	122.6	68.2	9.3
Tenn	76.3	142.7	253.2	364.6	90.9	155.3	161.6	70.8	4.1
Ala	59.2	102.9	189.8	268.7	70.5	116.4	119.1	65.1	2.3
Miss	37.5	61.9	116.2	169.1	44.7	71.3	74.9	59.5	5.0
WSC:									
Ark	36.3	60.8	117.4	164.2	43.2	72.0	72.8	66.7	1.1
La	70.4	118.6	216.5	357.4	83.8	132.8	158.4	58.5	19.3
Okla	66.4	104.7	189.2	306.2	79.1	116.0	135.7	46.6	17.0
Tex	267.4	457.7	844.2	1,369.6	318.5	517.7	606.9	62.5	17.2
MT:									
Mont	20.3	30.3	53.5	79.4	24.2	32.8	35.2	35.5	7.3
Idaho	16.9	29.4	59.6	89.1	20.1	36.6	39.5	82.1	7.9
Wyo	9.8	15.6	31.1	51.3	11.7	19.1	22.7	63.2	18.8
Colo	58.1	106.0	184.9	302.5	69.2	113.4	134.0	63.9	18.2
N Mex	19.5	33.6	62.2	94.7	23.2	38.1	42.0	64.2	10.2
Ariz	45.8	103.7	178.3	284.9	54.5	109.4	126.2	100.7	15.4
Utah	22.7	39.5	77.7	120.7	27.0	47.7	53.5	76.7	12.2
Nev	13.8	25.5	45.2	73.7	16.4	27.7	32.7	68.9	18.1
PAC:									
Wash	89.7	151.7	287.5	454.0	106.8	176.3	201.2	65.1	14.1
Oreg	57.7	97.0	157.0	246.9	68.7	96.3	109.4	40.2	13.6
Calif	631.7	1,100.2	1,973.6	3,183.9	752.4	1,210.4	1,410.8	60.9	16.6
Alaska	8.8	16.9	50.0	58.2	10.5	30.7	25.8	192.4	-16.0
Hawaii	19.5	38.6	69.1	98.1	23.2	42.4	43.5	82.8	2.6

SIC 60: BANKING (cont'd.)

Employment				Real Wage and Salary Earnings per Employee (1972 dollars; thousands)			% Change in Real Earnings per Employee		
1967	1972	1977	1980	1967	1977	1980	1967- 1977	1977- 1980	
870,000	1,118,000	1,359,000	1,577,000	\$7.9	\$7.5	\$6.9	-5.1%	-8.0%	U.S.
3,841	4,920	5,931	6,780	6.5	6.2	5.6	-4.6	-9.7	NE:
2,714	3,622	4,726	5,934	7.1	6.4	5.7	-9.9	-10.9	Maine
1,797	2,389	3,034	3,636	7.1	6.4	5.7	-9.9	-10.9	NH
42,586	43,810	45,698	48,009	6.1	7.4	6.7	21.3	-9.5	Vt
4,127	5,266	6,610	7,597	7.2	7.0	6.6	-2.8	-5.7	Mass
14,091	17,827	22,080	25,954	7.8	7.0	6.4	-10.3	-8.6	RI
									Conn
142,879	179,288	193,629	219,328	9.1	9.7	8.8	6.6	-9.3	MA:
26,059	34,765	41,136	44,976	7.7	6.8	6.1	-11.7	-10.3	NY
51,199	62,595	72,115	78,966	7.5	7.2	6.7	-4.0	-6.9	NJ
									Pa
35,147	44,107	52,254	58,637	7.5	6.8	6.2	-9.3	-8.8	ENC:
18,619	23,172	28,899	32,457	7.6	6.7	6.2	-11.8	-7.5	Ohio
53,234	64,675	79,836	91,371	8.2	8.0	7.3	-2.4	-8.8	Ind
33,285	39,620	47,943	54,271	7.6	7.1	6.6	-6.6	-7.0	Ill
15,322	19,327	23,258	26,369	7.5	6.8	6.2	-9.3	-8.8	Mich
									Wis
16,910	19,537	23,501	28,385	7.7	7.3	6.8	-5.2	-6.8	WNC:
11,738	13,934	16,664	18,075	7.6	7.1	6.6	-6.6	-7.0	Minn
21,700	25,217	29,811	33,242	7.4	6.8	6.3	-8.1	-7.4	Iowa
2,580	2,891	3,721	4,202	7.5	7.1	6.6	-5.3	-7.0	Mo
3,095	3,420	4,365	4,889	7.5	6.8	6.4	-9.3	-5.9	N Dak
6,824	8,086	9,853	10,602	7.7	7.2	6.8	-6.5	-5.6	S Dak
8,833	10,641	14,072	15,420	7.8	7.0	6.6	-10.3	-5.7	Nebr
									Kans
2,969	3,802	D	4,565	7.7	(-)	6.8	(-)	(-)	SA:
11,848	15,774	20,632	24,152	7.1	6.8	6.0	-4.2	-11.8	Del
5,792	6,236	D	8,884	8.5	(-)	8.4	(-)	(-)	Md
16,447	22,986	27,122	33,634	7.0	6.4	5.9	-8.6	-7.8	DC
4,596	6,134	8,370	9,571	7.2	6.5	6.0	-9.7	-7.7	VA
16,074	22,529	26,876	29,948	6.9	6.8	6.2	-1.4	-8.8	W Va
6,044	8,958	11,767	13,778	6.9	6.3	5.9	-8.7	-6.3	NC
15,873	22,929	26,434	30,522	7.6	7.0	6.3	-7.9	-10.0	SC
23,456	35,242	45,356	56,172	7.2	6.6	6.0	-8.3	-9.1	Ga
									Fla
9,624	12,503	15,386	20,121	6.9	7.3	6.1	5.8	-16.4	ESC:
13,164	18,421	23,368	26,187	6.9	6.6	6.2	-4.3	-6.1	Ky
9,897	13,167	17,817	20,056	7.1	6.5	5.9	-8.5	-9.2	Tenn
6,003	7,835	10,949	12,338	7.4	6.5	6.1	-12.2	-6.2	Ala
									Miss
5,920	7,833	10,722	11,815	7.3	6.7	6.2	-8.2	-7.5	WSC:
11,092	12,472	19,637	24,210	7.6	6.8	6.5	-10.5	-4.4	Ark
10,089	12,762	16,441	19,567	7.8	7.1	6.9	-9.0	-2.8	La
40,579	53,587	70,942	87,047	7.8	7.3	7.0	-6.4	-4.1	Okla
									Tex
3,039	3,689	4,790	5,449	8.0	6.8	6.5	-15.0	-4.4	MT:
2,840	3,759	4,684	6,193	7.1	7.8	6.4	9.9	-17.9	Mont
1,388	1,741	2,663	3,288	8.4	7.2	6.9	-14.3	-4.2	Idaho
8,720	12,458	15,951	19,646	7.9	7.1	6.8	-10.1	-4.2	Wyo
3,150	4,377	5,989	7,043	7.4	6.4	6.0	-13.5	-6.3	Colo
7,211	12,359	15,300	18,527	7.6	7.2	6.8	-5.3	-5.6	N Mex
3,989	5,494	7,581	9,030	6.8	6.3	5.9	-7.4	-6.3	Ariz
2,559	3,092	4,144	5,196	6.4	6.7	6.3	4.3	-5.8	Utah
									Nev
14,005	17,652	23,579	28,379	7.6	7.5	7.1	-1.3	-5.3	PAC:
9,661	12,441	13,657	17,349	7.1	7.1	6.3	.0	-11.3	Wash
92,774	123,372	155,354	196,004	8.1	7.8	7.2	-3.7	-7.7	Oreg
1,064	1,594	3,100	2,851	9.9	9.9	9.0	.0	-9.1	Calif
3,066	4,379	5,503	6,378	7.6	7.7	6.8	1.3	-11.7	Alaska
									Hawaii

Source: U.S. Department of Commerce, Bureau of Economic Analysis, Regional Economic Information System, Annual Employment and Personal Income for States, 1967-1980.

SIC 61: CREDIT AGENCIES OTHER THAN BANKS

	Wage and Salary Earnings (Current dollars; millions)				Real Wage and Salary Earnings (1972 dollars; millions)			Percent Change in Real Earnings	
	1967	1972	1977	1980	1967	1977	1980	1967- 1977	1977- 1980
U.S.	\$2,271.0	\$3,375.0	\$5,811.0	\$8,824.0	\$2,704.8	\$3,563.9	\$3,909.9	31.8%	9.7%
NE:									
Maine	5.9	6.8	10.3	14.0	7.0	6.3	6.2	-10.0	-1.6
NH	5.2	5.9	11.1	17.6	6.2	6.8	7.8	9.7	14.7
Vt	2.1	2.7	4.1	5.7	2.5	2.5	2.5	.0	.0
Mass	30.9	40.5	53.6	125.0	36.8	32.9	55.4	-10.6	68.4
RI	9.2	11.2	13.0	19.1	11.0	8.0	8.5	-27.3	6.3
Conn	20.7	34.4	66.2	103.0	24.7	40.6	45.6	64.4	12.3
MA:									
NY	171.0	238.9	360.1	459.0	203.7	220.8	203.4	8.4	-7.9
NJ	59.0	95.6	150.4	224.8	70.3	92.2	99.6	31.2	8.0
Pa	110.8	148.2	236.5	319.7	132.0	145.0	141.7	9.8	-2.3
ENC:									
Ohio	138.3	194.2	294.4	430.0	164.7	180.6	190.5	9.7	5.5
Ind	68.1	98.2	127.3	181.2	81.1	78.1	80.3	-3.7	2.8
Ill	150.0	207.0	353.7	538.3	178.7	216.9	238.5	21.4	10.0
Mich	92.8	149.1	239.3	336.2	110.5	146.8	149.0	32.9	1.5
Wis	35.5	56.9	105.1	154.1	42.3	64.5	68.3	52.5	5.9
WNC:									
Minn	38.2	54.0	103.3	155.7	45.5	63.4	69.0	39.3	8.8
Iowa	27.8	39.2	70.0	105.3	33.1	42.9	46.7	29.6	8.9
Mo	68.0	85.2	123.0	190.8	81.0	75.4	84.5	-6.9	12.1
N Dak	5.5	7.7	15.9	25.8	6.6	9.8	11.4	48.5	16.3
S Dak	4.4	5.5	10.5	16.9	5.2	6.4	7.5	23.1	17.2
Nebr	14.6	22.3	44.9	69.9	17.4	27.5	31.0	58.0	12.7
Kans	24.9	37.1	67.2	99.8	29.7	41.2	44.2	38.7	7.3
SA:									
Del	D	6.4	D	D	(-)	(-)	(-)	(-)	(-)
Md	52.1	65.0	134.4	184.5	62.1	82.4	81.8	32.7	-7
DC	D	35.4	D	D	(-)	(-)	(-)	(-)	(-)
VA	34.4	57.5	117.3	181.4	41.0	71.9	80.4	75.4	11.8
W Va	11.5	12.8	18.9	26.6	13.7	11.6	11.8	-15.3	1.7
NC	48.9	78.0	127.6	192.9	58.2	78.3	85.5	34.5	9.2
SC	29.6	45.1	75.0	106.1	35.3	46.0	47.0	30.3	2.2
Ga	67.5	104.7	163.9	223.2	80.4	100.5	98.9	25.0	-1.6
Fla	96.4	182.6	321.3	548.7	114.8	197.1	243.1	71.7	23.3
ESC:									
Ky	31.8	45.9	68.7	98.5	37.9	42.1	43.6	11.1	3.6
Tenn	42.7	55.7	92.8	128.1	50.9	56.9	56.8	11.8	-2
Ala	32.6	46.0	78.2	111.7	38.8	48.0	49.5	23.7	3.1
Miss	19.9	29.4	52.4	71.0	23.7	32.1	31.5	35.4	-1.9
WSC:									
Ark	11.0	18.4	32.4	47.4	13.1	19.9	21.0	51.9	5.5
La	51.4	73.3	117.2	162.6	61.2	71.9	72.0	17.5	.1
Okla	29.2	43.0	71.6	111.3	34.8	43.9	49.3	26.1	12.3
Tex	139.3	224.2	397.7	630.5	165.9	243.9	279.4	47.0	14.6
MT:									
Mont	4.5	7.1	13.9	21.1	5.4	8.5	9.3	57.4	9.4
Idaho	6.9	9.3	19.1	30.2	8.2	11.7	13.4	42.7	14.5
Wyo	2.9	3.6	8.0	14.6	3.5	4.9	6.5	40.0	32.7
Colo	32.1	52.0	111.5	189.5	38.2	68.4	84.0	79.1	22.8
N Mex	11.8	15.6	28.1	42.8	14.1	17.2	19.0	22.0	10.5
Ariz	19.3	31.0	63.0	106.7	23.0	38.6	47.3	67.8	22.5
Utah	14.9	20.3	41.0	63.7	17.7	25.1	28.2	41.8	12.4
Nev	7.7	9.2	20.7	39.9	9.2	12.7	17.7	38.0	39.4
PAC:									
Wash	42.2	59.6	112.2	179.9	50.3	68.8	79.7	36.8	15.8
Oreg	22.8	32.2	71.4	119.9	27.2	43.8	53.1	61.0	21.2
Calif	291.0	448.8	872.7	1,425.1	346.6	535.2	631.5	54.4	18.0
Alaska	1.8	4.2	11.2	15.9	2.1	6.9	7.0	228.6	1.4
Hawaii	10.0	20.1	38.5	57.2	11.9	23.6	25.3	98.3	7.2

SIC 61: CREDIT AGENCIES OTHER THAN BANKS (cont'd.)

Employment				Real Wage and Salary Earnings per Employee (1972 dollars; thousands)			% Change in Real Earnings per Employee		
1967	1972	1977	1980	1967	1977	1980	1967- 1977	1977- 1980	
344,000	391,000	478,000	572,000	\$7.9	\$7.5	\$6.8	-5.1%	-9.3%	U.S.
1,153	1,040	1,090	1,178	6.1	5.8	5.3	-4.9	-8.6	NE:
870	778	1,063	1,393	7.1	6.4	5.6	-9.9	-12.5	Maine
405	401	417	451	6.2	6.0	5.5	-3.2	-8.3	NH
5,165	5,132	4,887	9,165	7.1	6.7	6.0	-5.6	-10.4	Vt
1,715	1,602	1,327	1,507	6.4	6.0	5.6	-6.3	-6.7	Mass
3,160	3,957	5,188	5,988	7.8	7.8	7.6	.0	-2.6	RI
									Conn
22,081	22,557	25,643	26,908	9.2	8.6	7.6	-6.5	-11.6	MA:
8,278	10,285	12,121	14,886	8.5	7.6	6.7	-10.6	-11.8	NY
18,603	18,971	20,858	22,675	7.1	7.0	6.2	-1.4	-11.4	NJ
									Pa
22,542	24,131	26,702	30,668	7.3	6.8	6.2	-6.8	-8.8	ENC:
10,712	11,500	11,008	11,994	7.6	7.1	6.7	-6.6	-5.6	Ohio
21,277	22,849	28,903	35,082	8.4	7.5	6.8	-10.7	-9.3	Ind
13,689	16,284	18,398	20,533	8.1	8.0	7.3	-1.2	-8.8	Ill
5,890	7,298	9,622	11,265	7.2	6.7	6.1	-6.9	-9.0	Mich
									Wis
5,620	6,350	8,417	9,542	8.1	7.5	7.2	-7.4	-4.0	WNC:
4,295	4,650	5,787	6,904	7.7	7.4	6.8	-3.9	-8.1	Minn
10,132	9,975	10,518	12,435	8.0	7.2	6.8	-10.0	-5.6	Iowa
886	1,005	1,429	1,754	7.4	6.9	6.5	-6.8	-5.8	Mo
743	777	975	1,198	7.0	6.6	6.3	-5.7	-4.5	N Dak
2,293	2,706	3,826	4,677	7.6	7.2	6.6	-5.3	-8.3	S Dak
3,939	4,725	5,880	6,765	7.5	7.0	6.5	-6.7	-7.1	Nebr
									Kans
D	780	D	D	(-)	(-)	(-)	(-)	(-)	SA:
8,492	8,087	10,287	11,912	7.3	8.0	6.9	9.6	-13.8	Del
D	3,441	D	D	(-)	(-)	(-)	(-)	(-)	Md
5,426	7,028	10,080	12,402	7.6	7.1	6.5	-6.6	-8.5	DC
1,994	1,838	1,919	2,109	6.9	6.0	5.6	-13.0	-6.7	VA
8,162	9,572	11,106	13,043	7.1	7.1	6.6	.0	-7.0	W Va
4,324	5,839	6,733	7,521	8.2	6.8	6.2	-17.1	-8.8	NC
10,728	12,064	13,487	14,473	7.5	7.5	6.8	.0	-9.3	SC
14,735	20,673	27,150	37,866	7.8	7.3	6.4	-6.4	-12.3	Ga
									Fla
5,400	5,658	5,923	6,843	7.0	7.1	6.4	1.4	-9.9	ESC:
7,104	7,017	7,954	8,722	7.2	7.2	6.5	.0	-9.7	Ky
5,464	5,980	6,955	7,876	7.1	6.9	6.3	-2.8	-8.7	Tenn
3,434	3,861	4,706	5,094	6.9	6.8	6.2	-1.4	-8.8	Ala
									Miss
1,779	2,137	2,734	3,151	7.4	7.3	6.7	-1.4	-8.2	WSC:
7,900	8,808	10,198	10,993	7.7	7.1	6.5	-7.8	-8.5	Ark
4,781	5,392	6,189	7,444	7.3	7.1	6.6	-2.7	-7.0	La
21,502	26,395	32,612	38,874	7.7	7.5	7.2	-2.6	-4.0	Okla
									Tex
684	973	1,294	1,517	7.9	6.6	6.1	-16.5	-7.6	MT:
1,149	1,242	1,473	2,080	7.1	7.9	6.4	11.3	-19.0	Mont
468	480	702	957	7.5	7.0	6.8	-6.7	-2.9	Idaho
4,696	6,151	9,364	12,125	8.1	7.3	6.9	-9.9	-5.5	Wyo
1,850	2,045	2,613	3,095	7.6	6.6	6.1	-13.2	-7.6	Colo
2,937	3,606	5,271	6,825	7.8	7.3	6.9	-6.4	-5.5	N Mex
2,442	2,620	3,672	4,376	7.2	6.8	6.4	-5.6	-5.9	Ariz
1,065	1,098	1,713	2,480	8.6	7.4	7.1	-14.0	-4.1	Utah
									Nev
6,104	6,795	8,839	10,710	8.2	7.8	7.4	-4.9	-5.1	PAC:
3,472	3,833	5,025	7,494	7.8	8.7	7.1	11.5	-18.4	Wash
39,493	47,952	66,242	85,016	8.8	8.1	7.4	-8.0	-8.6	Oreg
216	400	671	757	9.7	10.3	9.2	6.2	-10.7	Calif
1,667	2,262	3,176	3,935	7.1	7.4	6.4	4.2	-13.5	Alaska
									Hawaii

Source: U.S. Department of Commerce, Bureau of Economic Analysis, Regional Economic Information System, Annual Employment and Personal Income for States, 1967-1980.

SIC 62: SECURITY AND COMMODITY BROKERS, DEALERS, EXCHANGES, AND SERVICES

	Wage and Salary Earnings (Current dollars; millions)				Real Wage and Salary Earnings (1972 dollars; millions)			Percent Change in Real Earnings	
	1967	1972	1977	1980	1967	1977	1980	1967- 1977	1977- 1980
U.S.	\$2,821.0	\$4,220.0	\$5,011.0	\$9,297.0	\$3,359.8	\$3,073.2	\$4,119.5	-8.5%	34.0%
NE:									
Maine	4.0	5.3	6.9	11.8	4.8	4.2	5.2	-12.5	23.8
NH	2.2	2.7	3.9	10.1	2.6	2.4	4.5	-7.7	87.5
Vt	1.2	3.1	3.7	7.2	1.4	2.3	3.2	64.3	39.1
Mass	102.9	129.1	177.1	315.7	122.6	108.6	139.9	-11.4	28.8
RI	6.9	8.5	8.7	17.4	8.2	5.3	7.7	-35.4	45.3
Conn	45.8	52.6	64.8	121.3	54.5	39.7	53.7	-27.2	35.3
MA:									
NY	1,112.6	1,652.9	1,895.3	3,234.3	1,325.1	1,162.4	1,433.1	-12.3	23.3
NJ	70.6	95.6	121.7	251.3	84.1	74.6	111.4	-11.3	49.3
Pa	113.3	151.9	179.1	313.2	134.9	109.8	138.8	-18.6	26.4
ENC:									
Ohio	67.1	96.8	111.1	193.5	79.9	68.1	85.7	-14.8	25.8
Ind	20.3	29.5	34.7	67.1	24.2	21.3	29.7	-12.0	39.4
Ill	180.0	303.5	458.0	845.9	214.4	280.9	374.8	31.0	33.4
Mich	58.4	73.4	71.4	142.5	69.6	43.8	63.1	-37.1	44.1
Wis	24.2	43.3	52.2	90.7	28.8	32.0	40.2	11.1	25.6
WNC:									
Minn	52.5	79.4	99.3	177.0	62.5	60.9	78.4	-2.6	28.7
Iowa	22.0	36.6	29.1	49.5	26.2	17.8	21.9	-32.1	23.0
Mo	51.3	77.7	89.3	146.1	61.1	54.8	64.7	-10.3	18.1
N Dak	2.8	3.2	4.1	11.9	3.3	2.5	5.3	-24.2	112.0
S Dak	3.1	4.7	3.4	8.3	3.7	2.1	3.7	-43.2	76.2
Nebr	12.7	18.7	24.0	43.1	15.1	14.7	19.1	-2.6	29.9
Kans	16.5	21.9	21.5	42.2	19.7	13.2	18.7	-33.0	41.7
SA:									
Del	0	7.8	0	0	(-)	(-)	(-)	(-)	(-)
Md	23.1	36.0	47.6	90.7	27.5	29.2	40.2	6.2	37.7
DC	0	31.1	0	0	(-)	(-)	(-)	(-)	(-)
VA	25.8	37.2	43.7	84.4	30.7	26.8	37.4	-12.7	39.6
W Va	3.4	4.2	5.7	13.7	4.0	3.5	6.1	-12.5	74.3
NC	17.7	31.1	32.3	65.2	21.1	19.8	28.9	-6.2	46.0
SC	6.4	15.6	10.9	21.4	7.6	6.7	9.5	-11.8	41.8
Ga	24.7	62.4	68.5	129.7	29.4	42.0	57.5	42.9	36.9
Fla	67.8	124.9	163.9	357.1	80.7	100.5	158.2	24.5	57.4
ESC:									
Ky	10.4	17.5	20.3	39.7	12.4	12.4	17.6	.0	41.9
Tenn	23.8	46.1	60.0	102.3	28.3	36.8	45.3	30.0	23.1
Ala	13.2	22.2	21.4	38.5	15.7	13.1	17.1	-16.6	30.5
Miss	7.4	13.0	9.8	20.7	8.8	6.0	9.2	-31.8	53.3
WSC:									
Ark	7.6	12.0	24.7	36.9	9.1	15.1	16.4	65.9	8.6
La	16.3	25.5	31.8	64.8	19.4	19.5	28.7	.5	47.2
Okla	14.3	21.9	30.0	74.1	17.0	18.4	32.8	8.2	78.3
Tex	98.2	167.4	224.1	475.6	117.0	137.4	210.7	17.4	53.3
MT:									
Mont	4.6	5.6	7.5	17.4	5.5	4.6	7.7	-16.4	67.4
Idaho	3.1	3.7	5.1	12.7	3.7	3.1	5.6	-16.2	80.6
Wyo	2.0	3.4	5.9	11.3	2.4	3.6	5.0	50.0	38.9
Colo	27.9	42.4	70.1	152.7	33.2	43.0	67.7	29.5	57.4
N Mex	4.8	6.0	7.4	14.6	5.7	4.5	6.5	-21.1	44.4
Ariz	12.8	23.0	29.7	64.7	15.2	18.2	28.7	19.7	57.7
Utah	7.7	14.8	15.0	33.8	9.2	9.2	15.0	.0	63.0
Nev	3.4	6.9	6.4	15.2	4.0	3.9	6.7	-2.5	71.8
PAC:									
Wash	33.3	40.9	53.1	123.5	39.7	32.6	54.7	-17.9	67.8
Oreg	19.0	28.9	34.2	74.8	22.6	21.0	33.1	-7.1	57.6
Calif	337.2	454.3	461.5	961.7	401.6	283.0	426.1	-29.5	50.6
Alaska	1.2	2.5	3.6	6.5	1.4	2.2	2.9	57.1	31.8
Hawaii	7.2	10.0	8.9	15.0	8.6	5.5	6.6	-36.0	20.0

SIC 62: SECURITY AND COMMODITY BROKERS, DEALERS, EXCHANGES, AND SERVICES (cont'd.)

Employment				Real Wage and Salary Earnings per Employee (1972 dollars; thousands)			% Change in Real Earnings per Employee 1967-1977-1980		
1967	1972	1977	1980	1967	1977	1980	1977	1980	
156,000	203,000	183,000	224,000	\$21.5	\$16.8	\$18.4	-21.9%	9.5%	U.S.
267	279	314	295	18.0	13.4	17.6	-25.6	31.3	NE:
100	142	138	193	26.0	17.4	23.3	-33.1	33.9	Maine
60	155	175	182	23.3	13.1	17.6	-43.8	34.4	NH
7,289	7,316	6,951	8,629	16.8	15.6	16.2	-7.1	3.8	Vt
451	465	354	379	18.2	15.0	20.3	-17.6	35.3	Mass
1,681	2,231	2,185	2,512	32.4	18.2	21.4	-43.8	17.6	RI
									Conn
72,029	91,704	72,981	88,993	18.4	15.9	16.1	-13.6	1.3	MA:
2,415	4,197	4,309	5,473	34.8	17.3	20.4	-50.3	17.9	NY
6,517	7,708	6,622	7,537	20.7	16.6	18.4	-19.8	10.8	NJ
									Pa
3,798	4,778	4,439	4,635	21.0	15.3	18.5	-27.1	20.9	ENC:
1,086	1,084	1,181	1,433	22.3	18.0	20.7	-19.3	15.0	Ohio
9,226	11,354	14,409	17,280	23.2	19.5	21.7	-15.9	11.3	Ind
2,764	3,274	2,727	3,302	25.2	16.1	19.1	-36.1	18.6	Ill
1,393	2,269	2,187	2,487	20.7	14.6	16.2	-29.5	11.0	Mich
									Wis
2,882	4,048	4,043	4,487	21.7	15.1	17.5	-30.4	15.9	WNC:
685	898	1,148	1,177	38.2	15.5	18.6	-59.4	20.0	Minn
3,661	4,130	3,887	4,436	16.7	14.1	14.6	-15.6	3.5	Iowa
78	50	103	218	42.3	24.3	24.3	-42.6	.0	Mo
66	89	105	136	56.1	20.0	27.2	-64.3	36.0	N Dak
638	862	955	1,036	23.7	15.4	18.4	-35.0	19.5	S Dak
507	685	759	858	38.9	17.4	21.8	-55.3	25.3	Nebr
									Kans
D	419	D	D	(-)	(-)	(-)	(-)	(-)	SA:
1,309	1,643	1,736	2,086	21.0	16.8	19.3	-20.0	14.9	Del
D	1,757	D	D	(-)	(-)	(-)	(-)	(-)	Md
1,164	1,775	1,879	2,304	26.4	14.3	16.2	-45.8	13.3	DC
166	180	191	283	24.1	18.3	21.6	-24.1	18.0	VA
987	1,355	1,373	1,588	21.4	14.4	18.2	-32.7	26.4	W Va
260	410	458	579	29.2	14.6	16.4	-50.0	12.3	NC
1,365	2,442	2,302	2,942	21.5	18.2	19.5	-15.3	7.1	SC
3,447	5,228	5,658	7,670	23.4	17.8	20.6	-23.9	15.7	Ga
									Fla
586	787	624	850	21.2	19.9	20.7	-6.1	4.0	ESC:
1,047	1,933	1,870	1,992	27.0	19.7	22.7	-27.0	15.2	Ky
513	644	749	851	30.6	17.5	20.1	-42.8	14.9	Tenn
311	399	259	377	28.3	23.2	24.4	-18.0	5.2	Ala
									Miss
385	482	622	751	23.6	24.3	21.8	3.0	-10.3	WSC:
872	1,176	1,146	1,308	22.2	17.0	21.9	-23.4	28.8	Ark
475	766	1,002	1,508	35.8	18.4	21.8	-48.6	18.5	La
4,232	6,165	7,078	8,313	27.6	19.4	25.3	-29.7	30.4	Okla
									Tex
129	191	250	348	42.6	18.4	22.1	-56.8	20.1	MT:
112	140	157	249	33.0	19.7	22.5	-40.3	14.2	Mont
66	109	142	138	36.4	25.4	36.2	-30.2	42.5	Idaho
1,140	1,738	2,139	2,982	29.1	20.1	22.7	-30.9	12.9	Wyo
217	327	345	436	26.3	13.0	14.9	-50.6	14.6	Colo
632	813	941	1,309	24.1	19.3	21.9	-19.9	13.5	N Mex
289	706	538	679	31.8	17.1	22.1	-46.2	29.2	Ariz
140	266	227	291	28.6	17.2	23.0	-39.9	33.7	Utah
									Nev
1,259	1,773	1,900	2,827	31.5	17.2	19.3	-45.4	12.2	PAC:
870	1,014	935	1,349	26.0	22.5	24.5	-13.5	8.9	Wash
15,204	19,801	16,011	21,711	26.4	17.7	19.6	-33.0	10.7	Oreg
21	67	111	1,111	66.7	19.8	2.6	-70.3	-86.9	Calif
583	588	476	439	14.8	11.6	15.0	-21.6	29.3	Alaska
									Hawaii

Source: U.S. Department of Commerce, Bureau of Economic Analysis, Regional Economic Information System, Annual Employment and Personal Income for States, 1967-1980.

SIC 63: INSURANCE CARRIERS

	Wage and Salary Earnings (Current dollars; millions)				Real Wage and Salary Earnings (1972 dollars; millions)			Percent Change in Real Earnings	
	1967	1972	1977	1980	1967	1977	1980	1967-1977	1977-1980
U.S.	\$6,875.0	\$10,249.0	\$16,131.0	\$22,893.0	\$8,818.1	\$9,893.1	\$10,143.9	12.2%	2.5%
NE:									
Maine	21.7	35.4	58.0	83.1	25.8	35.6	36.8	38.0	3.4
NH	23.6	40.4	70.7	112.5	28.1	43.4	49.8	54.4	14.7
Vt	12.0	18.0	25.2	32.6	14.3	15.5	14.4	8.4	-7.1
Mass	326.8	491.5	673.2	964.4	389.2	412.9	427.3	6.1	3.5
RI	36.0	55.8	92.0	125.2	42.9	56.4	55.5	31.5	-1.6
Conn	245.9	419.5	698.4	1,065.9	292.9	428.3	472.3	46.2	10.3
MA:									
NY	1,020.6	1,403.5	1,912.2	2,472.5	1,215.5	1,172.8	1,095.6	-3.5	-6.6
NJ	300.0	445.4	657.2	989.1	357.3	403.1	438.3	12.8	8.7
Pa	399.0	584.8	893.6	1,292.3	475.2	548.0	572.6	15.3	4.5
ENC:									
Ohio	309.1	445.6	699.2	984.4	368.1	428.8	436.2	16.5	1.7
Ind	155.6	227.0	360.3	508.7	185.3	221.0	225.4	19.3	2.0
Ill	524.8	797.0	1,208.8	1,676.1	625.0	741.4	742.7	18.6	.2
Mich	228.9	356.3	542.3	750.3	272.6	332.6	332.5	22.0	-.0
Wis	131.9	211.8	359.9	548.6	157.1	220.7	243.1	40.5	10.1
WNC:									
Minn	128.0	192.6	320.8	472.9	152.4	196.7	209.5	29.1	6.5
Iowa	87.7	131.6	223.1	269.1	104.5	136.8	119.2	30.9	-12.9
Mo	167.1	236.9	338.7	492.1	199.0	207.7	218.0	4.4	5.0
N Dak	9.5	14.6	24.9	34.4	11.3	15.3	15.2	35.4	-4.7
S Dak	9.6	13.3	26.5	38.3	11.4	16.3	17.0	43.0	4.3
Nebr	71.1	103.3	175.1	257.2	84.7	107.4	114.0	26.8	6.1
Kans	46.3	67.2	136.7	199.2	55.1	83.8	88.3	52.1	5.4
SA:									
Del	11.1	17.8	29.6	46.8	13.2	18.2	20.7	37.9	13.7
Md	119.2	194.4	287.5	382.7	142.0	176.3	169.6	24.2	-3.8
DC	46.6	53.6	73.4	99.1	55.5	45.0	43.9	-18.9	-2.4
VA	102.2	154.7	248.3	346.8	121.7	152.3	153.7	25.1	.9
W Va	24.7	36.4	53.6	69.4	29.4	32.9	30.8	11.9	-6.4
NC	119.6	187.2	280.8	402.1	142.4	172.2	178.2	20.9	3.5
SC	47.3	75.5	125.3	175.2	56.3	76.8	77.6	36.4	1.0
Ga	139.8	216.3	358.8	523.9	166.5	220.1	232.1	32.2	5.5
Fla	191.5	324.5	549.2	791.4	228.1	336.8	350.7	47.7	4.1
ESC:									
Ky	59.4	81.2	133.7	187.5	70.7	82.0	83.1	16.0	1.3
Tenn	104.8	162.7	249.4	345.5	124.8	153.0	153.1	22.6	.1
Ala	84.7	127.0	201.5	267.4	100.9	123.6	118.5	22.5	-4.1
Miss	28.8	45.7	85.3	116.5	34.3	52.3	51.6	52.5	-1.3
WSC:									
Ark	29.3	43.6	66.5	90.3	34.9	40.8	40.0	16.9	-2.0
La	79.8	120.0	167.8	265.5	95.0	102.9	117.6	8.3	14.3
Okla	53.1	78.2	122.4	168.6	63.2	75.1	74.7	18.8	-.5
Tex	342.7	518.1	928.5	1,383.2	408.2	569.4	612.9	39.5	7.6
MT:									
Mont	8.7	11.7	21.2	30.6	10.4	13.0	13.6	25.0	4.6
Idaho	11.0	17.6	35.5	52.4	13.1	21.8	23.2	66.4	6.4
Wyo	3.6	4.6	9.8	15.4	4.3	6.0	6.8	39.5	13.3
Colo	60.3	99.1	177.5	272.4	71.8	108.9	120.7	51.7	10.8
N Mex	14.0	19.4	35.3	53.1	16.7	21.6	23.5	29.3	8.8
Ariz	37.5	69.6	130.8	204.2	44.7	80.2	90.5	79.4	12.8
Utah	19.5	27.5	52.0	76.9	23.2	31.9	34.1	37.5	6.9
Nev	7.5	11.4	14.7	24.3	8.9	9.0	10.8	1.1	20.0
PAC:									
Wash	93.9	138.4	236.5	369.5	111.8	145.0	163.7	29.7	12.9
Oreg	58.4	82.9	150.0	227.4	69.6	92.0	100.8	32.2	9.6
Calif	702.6	1,030.0	1,672.6	2,447.9	836.8	1,025.8	1,084.7	22.6	5.7
Alaska	3.3	6.1	24.6	24.1	3.9	15.1	10.7	287.2	-29.1
Hawaii	15.0	26.8	43.9	64.2	17.9	26.9	28.4	50.3	5.6

SIC 63: INSURANCE CARRIERS (cont'd.)

Employment				Real Wage and Salary Earnings per Employee (1972 dollars; thousands)			% Change in Real Earnings per Employee		
1967	1972	1977	1980	1967	1977	1980	1967- 1977	1977- 1980	
960,000	1,048,000	1,155,000	1,274,000	\$9.2	\$8.6	\$8.0	-6.5%	-7.0%	U.S.
3,259	3,765	4,446	4,744	7.9	8.0	7.8	1.3	-2.5	NE:
3,644	4,751	6,080	7,552	7.7	7.1	6.6	-7.8	-7.0	Maine
1,636	1,703	1,821	1,906	8.7	8.5	7.6	-2.3	-10.6	NH
47,852	49,475	48,136	52,885	8.1	8.6	8.1	6.2	-5.8	Vt
4,898	6,071	6,892	7,387	8.8	8.2	7.5	-6.8	-8.5	Mass
34,121	42,991	46,113	52,812	8.6	9.3	8.9	8.1	-4.3	RI
									Conn
133,738	132,180	126,148	128,773	9.1	9.3	8.5	2.2	-8.6	MA:
39,438	42,579	48,872	52,860	9.1	8.2	8.3	-9.9	1.2	NY
56,491	60,990	64,666	73,792	8.4	8.5	7.8	1.2	-8.2	NJ
									Pa
43,279	45,881	51,136	57,379	8.5	8.4	7.6	-1.2	-9.5	ENC:
22,939	25,024	27,886	31,044	8.1	7.9	7.3	-2.5	-7.6	Ohio
69,293	78,003	81,715	87,606	9.0	9.1	8.5	1.1	-6.6	Ind
30,400	34,455	36,840	38,391	9.0	9.0	8.7	.0	-3.3	Ill
18,737	22,614	27,119	32,369	8.4	8.1	7.5	-3.6	-7.4	Mich
									Wis
18,225	19,836	23,313	26,647	8.4	8.4	7.9	.0	-6.0	WNC:
13,363	15,222	17,455	16,946	7.8	7.8	7.0	.0	-10.3	Minn
24,355	25,571	25,675	28,488	8.2	8.1	7.7	-1.2	-4.9	Iowa
1,445	1,595	1,946	2,192	7.8	7.9	6.9	1.3	-12.7	Mo
1,530	1,528	2,118	2,336	7.5	7.7	7.3	2.7	-5.2	N Dak
10,897	11,856	14,034	15,571	7.8	7.7	7.3	-1.3	-5.2	S Dak
7,252	7,777	10,984	12,396	7.6	7.6	7.1	.0	-6.6	Nebr
									Kans
1,552	1,786	2,133	2,757	8.5	8.5	7.5	.0	-11.8	SA:
16,854	20,702	20,709	21,424	8.4	8.5	7.9	1.2	-7.1	Del
5,933	4,733	4,817	5,064	9.4	9.3	8.7	-1.1	-6.5	Md
14,619	16,683	18,656	20,672	8.3	8.2	7.4	-1.2	-9.8	DC
3,562	3,600	3,992	4,116	8.3	8.2	7.5	-1.2	-8.5	VA
18,032	20,441	21,930	24,482	7.9	7.9	7.3	.0	-7.6	W Va
7,852	7,673	9,351	10,275	7.2	8.2	7.6	13.9	-7.3	NC
19,538	21,357	25,777	29,695	8.5	8.5	7.8	.0	-8.2	SC
27,302	33,855	41,239	46,003	8.4	8.2	7.6	-2.4	-7.3	Ga
									Fla
8,638	8,491	9,557	11,071	8.2	8.6	7.5	4.9	-12.8	ESC:
15,451	17,544	18,895	20,407	8.1	8.1	7.5	.0	-7.4	Ky
12,535	13,369	14,277	14,803	8.0	8.7	8.0	8.8	-8.0	Tenn
4,276	4,427	6,501	6,980	8.0	8.0	7.4	.0	-7.5	Ala
									Miss
4,449	4,536	5,185	5,314	7.8	7.9	7.5	1.3	-5.1	WSC:
11,416	12,476	12,582	15,129	8.3	8.2	7.8	-1.2	-4.9	Ark
8,016	8,449	9,453	10,055	7.9	7.9	7.4	.0	-6.3	La
53,027	57,303	70,955	79,710	7.7	8.0	7.7	3.9	-3.8	Okla
									Tex
1,291	1,261	1,678	1,928	8.1	7.7	7.1	-4.9	-7.8	MT:
1,649	1,952	2,252	3,237	7.9	9.7	7.2	22.8	-25.8	Mont
552	507	765	950	7.8	7.8	7.2	.0	-7.7	Idaho
8,995	10,887	13,286	15,729	8.0	8.2	7.7	2.5	-6.1	Wyo
2,090	1,998	2,719	3,170	8.0	7.9	7.4	-1.3	-6.3	Colo
5,247	7,005	9,964	12,030	8.5	8.0	7.5	-5.9	-6.3	N Mex
2,950	3,102	4,094	4,751	7.9	7.8	7.2	-1.3	-7.7	Ariz
964	992	1,064	1,400	9.2	8.5	7.7	-7.6	-9.4	Utah
									Nev
12,955	14,414	17,529	21,070	8.6	8.3	7.8	-3.5	-6.0	PAC:
8,287	8,785	10,017	13,668	8.4	9.2	7.4	9.5	-19.6	Wash
94,094	102,810	115,313	129,195	8.9	8.9	8.4	.0	-5.6	Oreg
310	363	1,129	1,019	12.6	13.4	10.5	6.3	-21.6	Calif
2,161	2,679	3,237	3,820	8.3	8.3	7.4	.0	-10.8	Alaska
									Hawaii

Source: U.S. Department of Commerce, Bureau of Economic Analysis, Regional Economic Information System, Annual Employment and Personal Income for States, 1967-1980.

SIC 64: INSURANCE AGENTS, BROKERS, AND SERVICES

	Wage and Salary Earnings (Current dollars; millions)				Real Wage and Salary Earnings (1972 dollars; millions)			Percent Change in Real Earnings	
	1967	1972	1977	1980	1967	1977	1980	1967- 1977	1977- 1980
U.S.	\$3,102.0	\$4,852.0	\$8,434.0	\$12,182.0	\$3,694.5	\$5,172.6	\$5,397.8	40.0%	4.4%
NE:									
Maine	12.4	19.4	30.3	42.5	14.8	18.6	18.8	25.7	1.1
NH	10.1	16.2	28.3	43.0	12.0	17.4	19.1	45.0	9.8
Vt	6.9	10.5	14.9	20.3	8.2	9.1	9.0	11.0	-1.1
Mass	106.8	168.9	237.3	335.3	127.2	145.5	148.6	14.4	2.1
RI	15.5	18.3	29.3	43.5	18.5	18.0	19.3	-2.7	7.2
Conn	49.7	73.1	122.9	180.3	59.2	75.4	79.9	27.4	6.0
MA:									
NY	376.8	562.9	839.9	1,197.3	448.8	515.1	530.5	14.8	3.0
NJ	101.7	156.3	209.6	376.2	121.1	128.5	166.7	6.1	29.7
Pa	166.5	255.2	399.7	544.2	198.3	245.1	241.1	23.6	-1.6
ENC:									
Ohio	158.5	231.4	381.3	505.8	188.8	233.9	224.1	23.9	-4.2
Ind	78.8	117.8	190.4	262.4	93.9	116.8	116.3	24.4	-.4
Ill	222.7	320.3	588.4	842.4	265.2	360.9	373.3	36.1	3.4
Mich	122.3	183.7	302.0	431.2	145.7	185.2	191.1	27.1	3.2
Wis	62.6	100.2	170.8	226.1	74.6	104.8	100.2	40.5	-4.4
WNC:									
Minn	68.3	104.9	182.8	251.8	81.3	112.1	111.6	37.9	-.4
Iowa	48.1	76.6	131.3	238.7	57.3	80.5	105.8	40.5	31.4
Mo	88.5	129.2	215.8	286.8	105.4	132.4	127.1	25.6	-4.0
N Dak	9.9	14.3	27.2	35.9	11.8	16.7	15.9	41.5	-4.8
S Dak	8.8	13.8	25.5	35.5	10.5	15.6	15.7	48.6	.6
Nebr	26.6	42.9	73.6	104.8	31.7	45.1	46.4	42.3	2.9
Kans	37.5	60.0	102.9	147.9	44.7	63.1	65.5	41.2	3.8
SA:									
Del	6.2	10.5	16.5	0	7.4	10.1	(-)	36.5	(-)
Md	51.4	85.4	142.8	212.8	61.2	87.6	94.3	43.1	7.6
DC	15.3	22.6	32.3	0	18.2	19.8	(-)	8.8	(-)
VA	41.5	74.6	140.4	196.1	49.4	86.1	86.9	74.3	.9
W Va	18.4	29.1	49.2	61.5	21.9	30.2	27.3	37.9	-9.6
NC	55.1	88.9	158.4	208.5	65.6	97.1	92.4	48.0	-4.8
SC	23.2	40.2	82.0	108.4	27.6	50.3	48.0	82.2	-4.6
Ga	54.2	101.0	192.0	269.8	64.6	117.8	119.5	82.4	1.4
Fla	89.8	165.6	349.0	493.3	107.0	214.0	218.6	100.0	2.1
ESC:									
Ky	37.5	59.3	99.4	135.3	44.7	61.0	60.0	36.5	-1.6
Tenn	49.0	84.6	144.7	194.9	58.4	88.7	86.4	51.9	-2.6
Ala	26.8	46.5	93.2	136.8	31.9	57.2	60.6	79.3	5.9
Miss	26.2	44.7	72.7	108.0	31.2	44.6	47.9	42.9	7.4
WSC:									
Ark	22.4	36.3	58.7	87.8	26.7	36.0	38.9	34.8	8.1
La	48.1	76.3	162.4	220.8	57.3	99.6	97.8	73.8	-1.8
Okla	34.2	54.7	105.0	163.7	40.7	64.4	72.5	58.2	12.6
Tex	159.0	270.2	495.4	792.9	189.4	303.8	351.3	60.4	15.6
MT:									
Mont	10.5	15.1	28.7	41.7	12.5	17.6	18.5	40.8	5.1
Idaho	8.7	15.7	29.6	35.6	10.4	18.2	15.8	75.0	-13.2
Wyo	3.9	6.0	13.0	19.0	4.6	8.0	8.4	73.9	5.0
Colo	28.2	50.8	98.4	151.8	33.6	60.3	67.3	79.5	11.6
N Mex	11.4	17.9	32.6	47.8	13.6	20.0	21.2	47.1	6.0
Ariz	22.7	44.6	88.6	114.4	27.0	54.3	50.7	101.1	-6.6
Utah	13.8	22.0	43.1	64.9	16.4	26.4	28.8	61.0	9.1
Nev	7.5	13.1	36.0	55.3	8.9	22.1	24.5	148.3	10.9
PAC:									
Wash	57.4	82.9	161.6	252.4	68.4	99.1	111.8	44.9	12.8
Oreg	37.8	59.3	107.1	156.3	45.0	65.7	69.3	46.0	5.5
Calif	346.4	545.8	1,013.6	1,533.4	412.6	621.6	679.4	50.7	9.3
Alaska	4.2	7.0	17.6	22.7	5.0	10.8	10.1	116.0	-6.5
Hawaii	12.3	21.9	32.1	54.2	14.6	19.7	24.0	34.9	21.8

SIC 64: INSURANCE AGENTS, BROKERS, AND SERVICES (cont'd.)

Employment				Real Wage and Salary Earnings per Employee (1972 dollars; thousands)			% Change in Real Earnings per Employee		
1967	1972	1977	1980	1967	1977	1980	1967- 1977	1977- 1980	
251,000	289,000	377,000	451,000	\$14.7	\$13.7	\$12.0	-6.8%	-12.4%	U.S.
1,335	1,436	1,848	2,066	11.1	10.1	9.1	-9.0	-9.9	NE:
1,073	1,285	1,764	2,117	11.2	9.9	9.0	-11.6	-9.1	Maine
658	722	841	939	12.5	10.8	9.6	-13.6	-11.1	NH
11,941	13,570	12,672	14,775	10.7	11.5	10.1	7.5	-12.2	Vt
1,581	1,380	1,522	1,718	11.7	11.8	11.2	.9	-5.1	Mass
3,515	4,402	6,068	6,731	16.8	12.4	11.9	-26.2	-4.0	RI
									Conn
35,007	40,837	43,033	49,074	12.8	12.0	10.8	-6.3	-10.0	MA:
9,571	10,294	12,094	15,116	12.7	10.6	11.0	-16.5	3.8	NY
12,398	15,236	17,385	19,824	16.0	14.1	12.2	-11.9	-13.5	NJ
									Pa
11,713	12,039	14,794	16,667	16.1	15.8	13.4	-1.9	-15.2	ENC:
5,878	6,030	7,237	8,315	16.0	16.1	14.0	.6	-13.0	Ohio
16,506	16,391	23,596	28,442	16.1	15.3	13.1	-5.0	-14.4	Ind
9,071	10,346	14,407	15,697	16.1	12.9	12.2	-19.9	-5.4	Ill
3,860	4,767	6,536	7,730	19.3	16.0	13.0	-17.1	-18.8	Mich
									Wis
4,375	5,441	7,296	8,649	18.6	15.4	12.9	-17.2	-16.2	WNC:
2,588	3,043	4,466	8,702	22.1	18.0	12.2	-18.6	-32.2	Minn
6,555	6,410	8,414	9,173	16.1	15.7	13.9	-2.5	-11.5	Iowa
572	556	918	1,072	20.6	18.2	14.8	-11.7	-18.7	Mo
549	657	859	1,048	19.1	18.2	15.0	-4.7	-17.6	N Dak
1,919	2,284	3,038	3,424	16.5	14.8	13.6	-10.3	-8.1	S Dak
2,374	2,529	4,001	5,061	18.8	15.8	12.9	-16.0	-18.4	Nebr
									Kans
525	708	817	D	14.1	12.4	(-)	-12.3	(-)	SA:
4,083	4,846	6,026	7,359	15.0	14.5	12.8	-3.3	-11.7	Del
1,683	1,806	1,809	D	10.8	10.9	(-)	1.2	(-)	Md
3,387	4,144	6,737	8,480	14.6	12.8	10.2	-12.3	-20.3	DC
1,482	1,587	2,048	2,242	14.8	14.7	12.2	-.7	-17.0	VA
4,926	5,828	7,469	7,849	13.3	13.0	11.8	-2.3	-9.2	W Va
2,099	2,480	4,082	5,150	13.1	12.3	9.3	-6.1	-24.4	NC
4,347	6,065	9,150	10,619	14.9	12.9	11.3	-13.4	-12.4	SC
8,753	11,377	17,943	20,591	12.2	11.9	10.6	-2.5	-10.9	Ga
									Fla
3,301	3,449	3,685	5,040	13.5	16.6	11.9	23.0	-28.3	ESC:
3,883	5,175	6,680	7,265	15.0	13.3	11.9	-11.3	-10.5	Ky
2,000	2,559	4,118	5,278	16.0	13.9	11.5	-13.1	-17.3	Tenn
2,390	2,862	2,831	3,787	13.1	15.8	12.6	20.6	-20.3	Ala
									Miss
2,128	2,190	2,675	3,212	12.5	13.5	12.1	8.0	-10.4	WSC:
4,417	5,075	8,808	8,983	13.0	11.3	10.9	-13.1	-3.5	Ark
2,776	3,066	4,136	5,366	14.7	15.6	13.5	6.1	-13.5	La
13,773	16,692	21,854	28,723	13.8	13.9	12.2	.7	-12.2	Okla
									Tex
704	749	1,204	1,476	17.8	14.6	12.5	-18.0	-14.4	MT:
543	698	1,025	1,183	19.2	17.8	13.4	-7.3	-24.7	Mont
232	256	384	554	19.8	20.8	15.2	5.1	-26.9	Idaho
2,021	2,776	3,884	5,110	16.6	15.5	13.2	-6.6	-14.8	Wyo
1,127	1,387	1,816	2,144	12.1	11.0	9.9	-9.1	-10.0	Colo
1,786	2,451	3,962	5,418	15.1	13.7	9.4	-9.3	-31.4	N Mex
1,119	1,263	1,775	2,110	14.7	14.9	13.6	1.4	-8.7	Ariz
546	747	1,797	2,235	16.3	12.3	11.0	-24.5	-10.6	Utah
									Nev
4,498	4,876	6,870	8,481	15.2	14.4	13.2	-5.3	-8.3	PAC:
3,243	3,527	4,145	5,561	13.9	15.9	12.5	14.4	-21.4	Wash
26,494	31,341	43,398	55,468	15.6	14.3	12.2	-8.3	-14.7	Oreg
332	414	645	744	15.1	16.7	13.6	10.6	-18.6	Calif
938	1,200	1,194	1,788	15.6	16.5	13.4	5.8	-18.8	Alaska
									Hawaii

Source: U.S. Department of Commerce, Bureau of Economic Analysis, Regional Economic Information System, Annual Employment and Personal Income for States, 1967-1980.

SIC 65: REAL ESTATE

	Wage and Salary Earnings (Current dollars; millions)				Real Wage and Salary Earnings (1972 dollars; millions)			Percent Change in Real Earnings	
	1967	1972	1977	1980	1967	1977	1980	1967- 1977	1977- 1980
U.S.	\$5,006.0	\$7,289.0	\$11,706.0	\$17,577.0	\$5,962.1	\$7,179.3	\$7,788.4	20.4%	8.5%
NE:									
Maine	11.7	13.5	13.4	16.5	13.9	8.2	7.3	-41.0	-11.0
NH	11.8	16.8	23.4	33.1	14.1	14.4	14.7	2.1	2.1
Vt	7.0	10.8	7.9	13.1	8.3	4.8	5.8	-42.2	20.8
Mass	119.0	147.7	182.8	279.0	141.7	112.1	123.6	-20.9	10.3
RI	15.4	20.0	23.1	29.1	18.3	14.2	12.9	-22.4	-9.2
Conn	72.4	80.5	139.8	224.5	86.2	85.7	99.5	-.6	16.1
MA:									
NY	772.8	1,087.0	1,422.1	1,881.3	920.4	872.2	833.6	-5.2	-4.4
NJ	160.3	217.1	332.6	450.6	190.9	204.0	199.7	6.9	-2.1
Pa	191.1	266.6	422.6	575.2	227.6	259.2	254.9	13.9	-1.7
ENC:									
Ohio	258.6	326.1	378.4	517.0	308.0	232.1	229.1	-24.6	-1.3
Ind	97.7	113.7	191.6	252.1	116.4	117.5	111.7	.9	-4.9
Ill	315.2	392.3	580.9	802.2	375.4	356.3	355.5	-5.1	-.2
Mich	216.5	212.7	323.7	479.8	257.9	198.5	212.6	-23.0	7.1
Wis	69.9	80.6	160.8	204.9	83.3	98.6	90.8	18.4	-7.9
WNC:									
Minn	80.9	97.4	216.1	298.2	96.4	132.5	132.1	37.4	-.3
Iowa	54.6	43.8	105.5	142.9	65.0	64.7	63.3	-.5	-2.2
Mo	105.0	140.8	211.2	286.5	125.1	129.5	126.9	3.5	-2.0
N Dak	6.3	5.9	27.3	38.6	7.5	16.7	17.1	122.7	2.4
S Dak	5.1	6.5	18.3	26.7	6.1	11.2	11.8	83.6	5.4
Nebr	21.5	31.3	59.3	80.5	25.6	36.4	35.7	42.2	-1.9
Kans	39.0	42.7	109.5	144.1	46.4	67.2	63.9	44.8	-4.9
SA:									
Del	11.1	19.3	D	34.3	13.2	(-)	15.2	(-)	(-)
Md	102.8	197.4	325.8	460.3	122.4	199.8	204.0	63.2	2.1
DC	70.2	90.0	D	205.7	83.6	(-)	91.1	(-)	(-)
VA	109.9	189.8	322.4	480.6	130.9	197.7	213.0	51.0	7.7
W Va	12.3	20.8	33.0	49.9	14.6	20.2	22.1	38.4	9.4
NC	69.1	119.8	177.0	272.7	82.3	108.6	120.8	32.0	11.2
SC	23.2	44.1	97.8	143.7	27.6	60.0	63.7	117.4	6.2
Ga	83.8	168.6	244.4	369.5	99.8	149.9	163.7	50.2	9.2
Fla	254.6	565.1	719.5	1,243.5	303.2	441.3	551.0	45.5	24.9
ESC:									
Ky	43.0	48.1	83.4	112.5	51.2	51.1	49.8	-.2	-2.5
Tenn	64.1	85.6	141.4	206.4	76.3	86.7	91.5	13.6	5.5
Ala	39.8	56.0	106.8	140.6	47.4	65.5	62.3	38.2	-4.9
Miss	12.5	20.9	42.3	59.5	14.9	25.9	26.4	73.8	1.9
WSC:									
Ark	27.7	51.1	77.4	105.8	33.0	47.5	46.9	43.9	-1.3
La	58.0	60.6	130.3	180.5	69.1	79.9	80.0	15.6	.1
Okla	41.7	63.1	94.7	152.0	49.7	58.1	67.4	16.9	16.0
Tex	218.0	435.9	671.0	1,211.8	259.6	411.5	536.9	58.5	30.5
MT:									
Mont	8.7	10.9	32.5	49.5	10.4	19.9	21.9	91.3	10.1
Idaho	10.1	11.8	32.7	46.4	12.0	20.1	20.6	67.5	2.5
Wyo	4.0	5.3	11.6	20.7	4.8	7.1	9.2	47.9	29.6
Colo	67.1	135.8	234.0	399.5	79.9	143.5	177.0	79.6	23.3
N Mex	19.7	33.6	50.3	73.0	23.5	30.8	32.3	31.1	4.9
Ariz	48.9	113.2	149.4	262.8	58.2	91.6	116.4	57.4	27.1
Utah	17.9	32.4	62.0	94.6	21.3	38.0	41.9	78.4	10.3
Nev	16.2	36.8	56.0	113.0	19.3	34.3	50.1	77.7	46.1
PAC:									
Wash	151.6	131.2	253.5	415.2	180.6	155.5	184.0	-13.9	18.3
Oreg	54.5	62.9	191.6	312.1	64.9	117.5	138.3	81.0	17.7
Calif	692.2	1,029.9	2,106.4	3,345.3	824.4	1,291.9	1,482.3	56.7	14.7
Alaska	7.1	11.5	30.6	34.9	8.5	18.8	15.5	121.2	-17.6
Hawaii	34.5	66.6	104.4	204.9	41.1	64.0	90.8	55.7	41.9

SIC 65: REAL ESTATE (cont'd.)

Employment				Real Wage and Salary Earnings per Employee (1972 dollars; thousands)			% Change in Real Earnings per Employee		
1967	1972	1977	1980	1967	1977	1980	1967-1977	1977-1980	
622,000	820,000	907,000	1,040,000	\$9.6	\$7.9	\$7.5	-17.7%	-5.1%	U.S.
1,481	1,349	1,677	1,713	9.4	4.9	4.3	-47.9	-12.2	NE:
984	1,702	2,344	2,471	14.3	6.1	5.9	-57.3	-3.3	Maine
602	958	854	1,077	13.8	5.6	5.4	-59.4	-3.6	NH
18,414	18,494	17,996	21,228	7.7	6.2	5.8	-19.5	-6.5	Vt
2,042	2,305	2,461	2,475	9.0	5.8	5.2	-35.6	-10.3	Mass
4,608	7,928	8,339	9,426	18.7	10.3	10.6	-44.9	2.9	RI
									Conn
125,116	131,263	122,611	122,552	7.4	7.1	6.8	-4.1	-4.2	MA:
21,556	233,008	25,660	26,334	8.9	8.0	7.6	-10.1	-5.0	NY
26,032	33,604	35,493	36,864	8.7	7.3	6.9	-16.1	-5.5	NJ
									Pa
29,022	35,033	32,245	35,393	10.6	7.2	6.5	-32.1	-9.7	ENC:
11,003	12,837	17,000	17,472	10.6	6.9	6.4	-34.9	-7.2	Ohio
47,256	43,352	42,398	46,452	7.9	8.4	7.7	6.3	-8.3	Ind
15,826	20,741	22,655	25,296	16.3	8.8	8.4	-46.0	-4.5	Ill
8,581	9,191	12,635	13,443	9.7	7.8	6.8	-19.6	-12.8	Mich
									Wis
7,384	11,911	15,759	17,462	13.1	8.4	7.6	-35.9	-9.5	WNC:
4,653	5,354	7,416	8,021	14.0	8.7	7.9	-37.9	-9.2	Minn
16,590	17,632	19,327	20,809	7.5	6.7	6.1	-10.7	-9.0	Iowa
788	899	1,597	1,813	9.5	10.5	9.4	10.5	-10.5	Mo
608	782	1,510	1,744	10.0	7.4	6.8	-26.0	-8.1	N Dak
2,409	3,444	4,813	4,842	10.6	7.6	7.4	-28.3	-2.6	S Dak
3,624	5,003	7,825	7,710	12.8	8.6	8.3	-32.8	-3.5	Nebr
									Kans
1,548	2,396	D	2,420	8.5	(-)	6.3	(-)	(-)	SA:
18,394	24,962	25,758	27,705	6.7	7.8	7.4	16.4	-5.1	Del
14,848	13,897	D	12,399	5.6	(-)	7.3	(-)	(-)	Md
16,782	24,314	24,787	29,781	7.8	8.0	7.2	2.6	-10.0	DC
2,547	3,061	3,956	4,303	5.7	5.1	5.1	-10.5	.0	VA
9,297	15,317	15,379	17,099	8.9	7.1	7.1	-20.2	.0	W Va
2,873	4,989	8,054	10,166	9.6	7.4	6.3	-22.9	-14.9	NC
11,314	17,844	19,453	22,440	8.8	7.7	7.3	-12.5	-5.2	SC
28,747	56,428	66,796	86,882	10.5	6.6	6.3	-37.1	-4.5	Ga
									Fla
3,680	5,940	6,254	8,025	13.9	8.2	6.2	-41.0	-24.4	ESC:
6,637	10,540	12,109	13,033	11.5	7.2	7.0	-37.4	-2.8	Ky
5,368	7,607	8,859	9,099	8.8	7.4	6.8	-15.9	-8.1	Tenn
1,499	2,687	4,320	4,487	9.9	6.0	5.9	-39.4	-1.7	Ala
									Miss
2,899	6,684	6,058	6,189	11.4	7.8	7.6	-31.6	-2.6	WSC:
6,488	7,902	12,270	12,018	10.7	6.5	6.7	-39.3	3.1	Ark
5,799	8,519	10,281	11,550	8.6	5.7	5.8	-33.7	1.8	La
29,562	52,760	62,605	81,352	8.8	6.6	6.6	-25.0	.0	Okla
									Tex
1,027	1,344	2,182	2,600	10.1	9.1	8.4	-9.9	-7.7	MT:
732	1,000	1,678	2,574	16.4	12.0	8.0	-26.8	-33.3	Mont
491	587	987	1,351	9.8	7.2	6.8	-26.5	-5.6	Idaho
6,614	13,079	17,503	22,468	12.1	8.2	7.9	-32.2	-3.7	Wyo
2,888	4,301	4,880	5,341	8.1	6.3	6.0	-22.2	-4.8	Colo
5,002	10,505	11,660	15,562	11.6	7.9	7.5	-31.9	-5.1	N Mex
2,716	4,588	5,254	5,563	7.8	7.2	7.5	-7.7	4.2	Ariz
1,670	3,848	4,094	6,915	11.6	8.4	7.2	-27.6	-14.3	Utah
									Nev
12,983	15,700	17,568	22,395	13.9	8.9	8.2	-36.0	-7.9	PAC:
4,769	7,755	8,530	13,556	13.6	13.8	10.2	1.5	-26.1	Wash
64,472	97,826	113,173	142,694	12.8	11.4	10.4	-10.9	-8.8	Oreg
493	866	1,357	1,428	17.2	13.9	10.9	-19.2	-21.6	Calif
5,022	7,321	8,862	14,008	8.2	7.2	6.5	-12.2	-9.7	Alaska
									Hawaii

Source: U.S. Department of Commerce, Bureau of Economic Analysis, Regional Economic Information System, Annual Employment and Personal Income for States, 1967-1980.

SIC 66: COMBINATION OF REAL ESTATE, INSURANCE, LOANS, AND LAW OFFICES

	Wage and Salary Earnings (Current dollars; millions)				Real Wage and Salary Earnings (1972 dollars; millions)			Percent Change in Real Earnings	
	1967	1972	1977	1980	1967	1977	1980	1967- 1977	1977- 1980
U.S.	\$564.0	\$456.0	\$529.0	\$461.0	\$671.7	\$324.4	\$204.3	-51.7%	-37.0%
NE:									
Maine	2.9	2.7	5.1	4.1	3.5	3.1	1.8	-11.4	-41.9
NH	2.9	2.8	3.1	3.9	3.5	1.9	1.7	-45.7	-10.5
Vt	1.9	1.4	2.1	2.1	2.3	1.3	.9	-43.5	-30.8
Mass	18.9	13.2	21.2	21.3	22.5	13.0	9.4	-42.2	-27.7
RI	2.7	2.7	3.4	2.2	3.2	2.1	1.0	-34.4	-52.4
Conn	19.0	16.9	14.3	14.9	22.6	8.8	6.6	-61.1	-25.0
MA:									
NY	58.4	46.7	50.6	52.0	69.6	31.0	23.0	-55.5	-25.8
NJ	41.7	31.2	25.6	13.8	49.7	15.7	6.1	-68.4	-61.1
Pa	43.0	31.3	34.7	40.2	51.2	21.3	17.8	-58.4	-16.4
ENC:									
Ohio	22.9	13.8	27.4	17.3	27.3	16.8	7.7	-38.5	-54.2
Ind	13.5	9.4	11.5	9.9	16.1	7.1	4.4	-55.9	-38.0
Ill	55.3	40.0	63.6	66.8	65.9	39.0	29.6	-40.8	-24.1
Mich	18.0	12.8	16.2	14.5	21.4	9.9	6.4	-53.7	-35.4
Wis	10.8	7.1	10.0	8.3	12.9	6.1	3.7	-52.7	-39.3
WNC:									
Minn	11.5	6.6	2.9	3.4	13.7	1.8	1.5	-86.9	-16.7
Iowa	18.9	10.5	19.0	16.8	22.5	11.7	7.4	-48.0	-36.8
Mo	12.3	8.6	12.5	9.6	14.6	7.7	4.3	-47.3	-44.2
N Dak	2.5	1.4	1.2	0.6	3.0	.7	.3	-76.7	-57.1
S Dak	2.6	1.7	2.3	1.7	3.1	1.4	.8	-54.8	-42.9
Nebr	7.1	4.5	9.2	10.4	8.5	5.6	4.6	-34.1	-17.9
Kans	8.4	7.3	10.4	9.0	10.0	6.4	4.0	-36.0	-37.5
SA:									
Del	2.1	3.8	0.4	0	2.5	0.2	(-)	-92.0	(-)
Md	3.6	4.9	4.0	3.4	4.3	2.5	1.5	-41.9	-40.0
DC	2.5	2.6	2.4	0	3.0	1.5	(-)	-50.0	(-)
VA	11.6	13.5	7.5	2.7	13.8	4.6	1.2	-66.7	-73.9
W Va	1.6	1.5	1.8	1.9	1.9	1.1	.8	-42.1	-27.3
NC	11.7	11.7	12.2	8.8	13.9	7.5	3.9	-46.0	-48.0
SC	8.6	9.0	3.3	2.3	10.2	2.0	1.0	-80.4	-50.0
Ga	5.6	6.8	5.8	5.2	6.7	3.6	2.3	-46.3	-36.1
Fla	10.2	12.6	12.7	7.2	12.1	7.8	3.2	-35.5	-59.0
ESC:									
Ky	9.5	3.3	4.0	2.5	11.3	2.5	1.1	-77.9	-56.0
Tenn	8.4	6.6	4.5	3.6	10.0	2.8	1.6	-72.0	-42.9
Ala	7.8	8.8	4.7	4.2	9.3	2.9	1.9	-68.8	-34.5
Miss	2.2	3.1	4.6	2.9	2.6	2.8	1.3	7.7	-53.6
WSC:									
Ark	5.3	6.1	7.0	4.2	6.3	4.3	1.9	-31.7	-55.8
La	6.6	4.8	5.6	5.8	7.9	3.4	2.6	-57.0	-23.5
Okla	7.2	6.4	11.7	12.7	8.6	7.2	5.6	-16.3	-22.2
Tex	19.4	17.4	30.5	25.2	23.1	18.7	11.2	-19.0	-40.1
MT:									
Mont	2.5	3.0	3.2	3.6	3.0	2.0	1.6	-33.3	-20.0
Idaho	2.4	2.5	3.1	3.1	2.9	1.9	1.4	-34.5	-26.3
Wyo	1.6	1.8	2.7	3.3	1.9	1.7	1.5	-10.5	-11.8
Colo	7.2	7.8	6.1	7.9	8.6	3.7	3.5	-57.0	-5.4
N Mex	1.4	0.9	1.6	1.3	1.7	1.0	.6	-41.2	-4.0
Ariz	4.7	5.7	1.1	1.2	5.6	.7	.5	-87.5	-28.6
Utah	0.8	0.5	1.3	0.7	1.0	.8	.3	-20.0	-62.5
Nev	1.1	1.2	1.7	2.2	1.3	1.0	1.0	-23.1	.0
PAC:									
Wash	6.6	5.7	8.1	5.0	7.9	5.0	2.2	-36.7	-56.0
Oreg	4.0	2.5	2.5	1.8	4.8	1.5	.8	-68.8	-46.7
Calif	30.2	25.2	24.5	24.3	36.0	15.0	10.8	-58.3	-28.0
Alaska	0.1	0.2	0.7	0.2	.1	.4	.1	300.0	-75.0
Hawaii	2.3	1.7	3.0	3.6	2.7	1.8	1.6	-33.3	-11.1

SIC 66: COMBINATION OF REAL ESTATE, INSURANCE, LOANS AND LAW OFFICES (cont'd.)

Employment				Real Wage and Salary Earnings per Employee (1972 dollars; thousands)			% Change in Real Earnings per Employee		
1967	1972	1977	1980	1967	1977	1980	1967- 1977	1977- 1980	
43,000	38,000	28,000	21,000	\$15.6	\$11.6	\$9.7	-25.6%	-16.4%	U.S.
295	250	374	271	11.9	8.3	6.6	-30.3	-20.5	NE:
165	248	170	194	21.2	11.2	8.8	-47.2	-21.4	Maine
146	93	127	114	15.8	10.2	7.9	-35.4	-22.5	NH
1,291	1,209	1,272	1,116	17.4	10.2	8.4	-41.4	-17.6	Vt
275	275	230	115	11.6	9.1	8.7	-21.6	-4.4	Mass
1,079	1,346	722	664	20.9	12.2	9.9	-41.6	-18.9	RI
									Conn
3,757	3,470	2,883	2,595	18.5	10.8	8.9	-41.6	-17.6	MA:
3,481	2,690	1,562	630	14.3	10.1	9.7	-29.4	-4.0	NY
3,384	3,132	2,496	1,276	15.1	8.5	13.9	-43.7	63.5	NJ
									Pa
1,285	900	883	402	21.2	19.0	19.2	-10.4	1.1	ENC:
814	885	744	605	19.8	9.5	7.3	-52.0	-23.2	Ohio
4,836	3,036	3,173	3,168	13.6	12.3	9.3	-9.6	-24.4	Ind
824	914	454	409	26.0	21.8	15.6	-16.2	-28.4	Ill
718	609	512	407	18.0	11.9	9.1	-33.9	-23.5	Mich
									Wis
611	601	77	157	22.4	23.4	9.6	4.5	-59.0	WNC:
802	821	731	639	28.1	16.0	11.6	-43.1	-27.5	Minn
870	811	744	498	16.8	10.3	8.6	-38.7	-16.5	Iowa
162	118	40	D	18.5	17.5	(-)	-5.4	(-)	Mo
88	103	150	61	35.2	9.3	13.1	-73.6	40.9	N Dak
378	426	478	508	22.5	11.7	9.1	-48.0	-22.2	S Dak
580	581	481	425	17.2	13.3	9.4	-22.7	-29.3	Nebr
									Kans
231	337	13	D	10.8	15.4	(-)	42.2	(-)	SA:
416	346	180	108	10.3	13.9	13.9	35.0	.0	Del
343	291	167	D	8.7	9.0	(-)	2.7	(-)	Md
1,489	1,435	572	161	9.3	8.0	7.5	-14.0	-6.3	DC
204	141	145	121	9.3	7.6	6.6	-18.3	-13.2	VA
1,357	1,144	821	454	10.2	9.1	8.6	-10.8	-5.5	W Va
1,336	1,045	179	116	7.6	11.2	8.6	47.4	-23.2	NC
487	531	321	274	13.8	11.2	8.4	-18.8	-25.0	SC
784	1,085	761	332	15.4	10.2	9.6	-33.8	-5.9	Ga
									Fla
530	267	149	71	21.3	16.8	15.5	-21.1	-7.7	ESC:
688	595	293	180	14.5	9.6	8.9	-33.8	-7.3	Ky
915	952	285	154	10.2	10.2	12.3	.0	20.6	Tenn
235	280	268	138	11.1	10.4	9.4	-6.3	-9.6	Ala
									Miss
623	654	504	235	10.1	8.5	8.1	-15.8	-4.7	WSC:
392	372	249	250	20.2	13.7	10.4	-32.2	-24.1	Ark
548	575	710	701	15.7	10.1	8.0	-35.7	-20.8	La
1,220	1,042	1,120	662	18.9	16.7	16.9	-11.6	1.2	Okla
									Tex
296	243	208	198	10.1	9.6	8.1	-5.0	-15.6	MT:
262	273	206	213	11.1	9.2	6.6	-17.1	-28.3	Mont
144	162	178	183	13.2	9.6	8.2	-27.3	-14.6	Idaho
704	763	341	332	12.2	10.9	10.5	-10.7	-3.7	Wyo
78	D	D	D	22.0	(-)	(-)	(-)	(-)	Colo
599	586	42	45	9.3	16.7	11.1	79.6	-33.5	N Mex
29	14	44	D	34.5	18.2	(-)	-47.3	(-)	Ariz
60	93	92	100	21.7	10.9	10.0	-49.8	-8.3	Utah
									Nev
571	513	481	264	13.8	10.4	8.3	-24.6	-20.2	PAC:
211	189	143	60	22.7	10.5	13.3	-53.7	26.7	Wash
2,232	1,280	962	930	16.1	15.6	11.6	-3.1	-25.6	Oreg
11	17	37	88	9.1	10.8	1.1	18.7	-89.8	Calif
254	104	199	212	10.6	9.0	7.5	-15.1	-16.7	Alaska
									Hawaii

Source: U.S. Department of Commerce, Bureau of Economic Analysis, Regional Economic Information System, Annual Employment and Personal Income for States, 1967-1980.

SIC 67: HOLDING AND OTHER INVESTMENT COMPANIES

	Wage and Salary Earnings (Current dollars; millions)				Real Wage and Salary Earnings (1972 dollars; millions)			Percent Change in Real Earnings	
	1967	1972	1977	1980	1967	1977	1980	1967-1977	1977-1980
U.S.	\$433.0	\$906.0	\$1,824.0	\$2,104.0	\$515.7	\$1,118.7	\$932.3	116.9%	-16.7%
NE:									
Maine	1.3	1.5	2.7	2.7	1.5	1.7	1.2	13.3	-29.4
NH	0.2	0.5	4.5	4.8	.2	2.8	2.1	1,300.0	-25.0
Vt	D	0.2	0.2	0.4	(-)	0.1	0.2	(-)	100.0
Mass	18.2	25.5	49.7	51.8	21.7	30.5	23.0	40.6	-24.6
RI	1.5	2.5	3.7	10.2	1.8	2.3	4.5	27.8	95.7
Conn	1.6	10.8	24.6	37.4	1.9	15.1	16.6	694.7	9.9
MA:									
NY	152.7	206.3	260.4	284.8	181.9	159.7	126.2	-12.2	-21.0
NJ	7.3	17.9	31.6	44.9	8.7	19.4	19.9	123.0	2.6
Pa	12.2	48.9	70.7	62.8	14.5	43.4	27.8	199.3	-35.9
ENC:									
Ohio	9.4	27.4	54.4	74.1	11.2	33.4	32.8	198.2	-1.8
Ind	2.5	11.8	15.2	13.3	3.0	9.3	5.9	210.0	-36.6
Ill	10.1	43.8	103.7	89.3	12.0	63.6	39.6	430.0	-37.7
Mich	5.9	12.3	25.9	23.7	7.0	15.9	10.5	127.1	-34.0
Wis	6.9	10.3	27.4	30.8	8.2	16.8	13.6	104.9	-19.0
WNC:									
Minn	9.7	17.4	28.8	30.7	11.6	17.7	13.6	52.6	-23.2
Iowa	1.7	5.9	9.7	16.0	2.0	5.9	7.1	195.0	20.3
Mo	7.8	19.9	32.0	30.8	9.3	19.6	13.6	110.8	-30.6
N Dak	0.1	0.6	2.0	4.5	.1	1.2	2.0	1,100.0	66.7
S Dak	3.9	1.2	2.2	1.8	4.6	1.3	.8	-71.7	-38.5
Nebr	0.5	3.7	6.8	6.6	.6	4.2	2.9	600.0	-31.0
Kans	1.4	4.2	11.1	15.3	1.7	6.8	6.8	300.0	.0
SA:									
Del	3.8	9.4	8.6	10.1	4.5	5.3	4.5	17.8	-15.1
Md	2.6	13.4	11.0	11.5	3.1	6.7	5.1	116.1	-23.9
DC	3.7	8.5	22.0	25.9	4.4	13.5	11.5	206.8	-14.8
VA	7.3	20.5	87.5	37.1	8.7	53.7	16.4	517.2	-69.5
W Va	1.6	2.0	4.8	4.8	1.9	2.9	2.1	52.6	-27.6
NC	9.5	18.0	38.8	36.5	11.3	23.8	16.2	110.6	-31.9
SC	0.5	2.5	6.4	6.4	.6	3.9	2.8	550.0	-28.2
Ga	6.6	33.4	59.3	64.5	7.9	36.4	28.6	360.8	-21.4
Fla	6.1	38.2	82.2	130.8	7.3	50.4	58.0	590.4	15.1
ESC:									
Ky	0.7	5.7	14.2	22.7	.8	8.7	10.1	987.5	16.1
Tenn	2.5	10.4	34.1	49.7	3.0	20.9	22.0	596.7	5.3
Ala	2.2	5.0	44.0	21.5	2.6	27.0	9.5	938.5	-64.8
Miss	1.8	4.9	5.0	6.3	2.1	3.1	2.8	47.6	-9.7
WSC:									
Ark	3.6	5.9	6.7	6.9	4.3	4.1	3.1	-4.7	-24.4
La	2.6	6.2	23.8	25.2	3.1	14.6	11.2	371.0	-23.3
Okla	1.9	12.9	27.8	37.0	2.3	17.0	16.4	639.1	-3.5
Tex	26.1	47.3	186.7	295.5	31.1	114.5	130.9	268.2	14.3
MT:									
Mont	0.5	1.5	1.7	0.6	.6	1.0	.3	66.7	-70.0
Idaho	0.6	1.7	1.6	2.0	.7	1.0	.9	42.9	-10.0
Wyo	0.4	0.3	1.6	3.1	.5	1.0	1.4	100.0	40.0
Colo	11.5	18.6	29.1	46.2	13.7	17.8	20.5	29.9	15.2
N Mex	0.7	1.9	3.6	3.9	.8	2.2	1.7	175.0	-22.7
Ariz	1.7	3.0	10.1	34.8	2.0	6.2	15.4	210.0	148.4
Utah	1.3	2.2	7.6	4.7	1.5	4.7	2.1	213.3	-55.3
Nev	1.1	2.3	7.7	9.6	1.3	4.7	4.3	261.5	-8.5
PAC:									
Wash	3.9	9.3	9.0	10.6	4.6	5.5	4.7	19.6	-14.5
Oreg	1.1	5.5	14.6	16.5	1.3	9.0	7.3	592.3	-18.9
Calif	54.2	110.4	189.0	273.1	64.6	115.9	121.0	79.4	4.4
Alaska	0.4	1.4	20.4	15.5	.5	12.5	6.9	2,400.0	-44.8
Hawaii	17.7	26.7	49.0	45.7	21.1	30.1	20.2	42.7	-32.9

SIC 67: HOLDING AND OTHER INVESTMENT COMPANIES (cont'd.)

Employment				Real Wage and Salary Earnings per Employee (1972 dollars; thousands)			% Change in Real Earnings per Employee		
1967	1972	1977	1980	1967	1977	1980	1967- 1977	1977- 1980	
36,000	61,000	88,000	110,000	\$14.3	\$12.7	\$8.5	-11.2%	-33.1%	U.S.
211	133	145	145	7.1	11.7	8.3	64.8	-29.1	NE:
31	63	293	273	6.5	9.6	7.7	47.7	-19.8	Maine
D	12	18	33	(-)	5.6	6.1	(-)	8.9	NH
1,589	2,470	2,411	3,652	13.7	12.7	6.3	-7.3	-50.4	Vt
110	173	189	358	16.4	12.2	12.6	-25.6	3.3	Mass
113	507	765	1,484	16.8	19.7	11.2	17.3	-43.1	RI
									Conn
9,286	10,457	11,228	12,501	19.6	14.2	10.1	-27.6	-28.9	MA:
739	1,393	1,261	2,450	11.8	15.4	8.1	30.5	-47.4	NY
1,304	3,409	3,287	3,583	11.1	13.2	7.8	18.9	-40.9	NJ
									Pa
926	2,050	2,667	3,572	12.1	12.5	9.2	3.3	-26.4	ENC:
254	929	768	788	11.8	12.1	7.5	2.5	-38.0	Ohio
782	2,525	4,138	4,232	15.3	15.4	9.4	.7	-39.0	Ind
596	1,000	1,059	1,167	11.7	15.0	9.0	28.2	-40.0	Ill
696	681	1,964	2,508	11.8	8.6	5.4	-27.1	-37.2	Mich
									Wis
814	1,317	1,343	1,629	14.3	13.2	8.3	-7.7	-37.1	WNC:
597	725	632	861	3.4	9.3	8.2	173.5	-11.8	Minn
692	1,414	1,859	1,649	13.4	10.5	8.2	-21.6	-21.9	Iowa
35	57	180	230	2.9	6.7	8.7	131.0	29.9	Mo
37	66	88	96	124.3	14.8	8.3	-88.1	-43.9	N Dak
55	387	368	330	10.9	11.4	8.8	4.6	-22.8	S Dak
205	385	500	791	8.3	13.6	8.6	63.9	-36.8	Nebr
									Kans
296	469	327	516	15.2	16.2	8.7	6.6	-46.3	SA:
276	1,136	525	632	11.2	12.8	8.1	14.3	-36.7	Del
295	505	954	1,232	14.9	14.2	9.3	-4.7	-34.5	Md
907	1,551	5,447	3,372	9.6	9.9	4.9	3.1	-50.5	DC
235	273	264	202	8.1	11.0	10.4	35.8	-5.5	VA
1,043	1,305	1,846	2,213	10.8	12.9	7.3	19.4	-43.4	W Va
48	164	290	383	12.5	13.4	7.3	7.2	-45.5	NC
861	2,188	2,703	3,475	9.2	13.5	8.2	46.7	-39.3	SC
505	2,670	4,470	7,612	14.5	11.3	7.6	-22.1	-32.7	Ga
									Fla
132	547	572	1,199	6.1	15.2	8.4	149.2	-44.7	ESC:
232	854	1,981	3,069	12.9	10.6	7.2	-17.8	-32.1	Ky
173	307	2,332	1,009	15.0	11.6	9.4	-22.7	-19.0	Tenn
208	371	419	432	10.1	7.4	6.5	-26.7	-12.2	Ala
									Miss
391	376	306	409	11.0	13.4	7.6	21.8	-43.3	WSC:
334	440	1,234	1,686	9.3	11.8	6.6	26.9	-44.1	Ark
254	1,273	1,501	1,955	9.1	11.3	8.4	24.2	-25.7	La
2,197	3,536	8,149	12,036	14.2	14.1	10.9	-.7	-22.7	Okla
									Tex
73	142	117	61	8.2	8.5	4.9	3.7	-42.4	MT:
63	157	78	116	11.1	12.8	7.8	15.3	-39.1	Mont
60	34	73	275	8.3	13.7	5.1	65.1	-62.8	Idaho
1,176	1,293	1,325	2,509	11.6	13.4	8.2	15.5	-38.8	Wyo
136	191	221	259	5.9	10.0	6.6	69.5	-34.0	Colo
240	245	516	1,685	8.3	12.0	9.1	44.6	-24.2	N Mex
208	151	284	320	7.2	16.5	6.6	129.2	-60.0	Ariz
108	176	329	532	12.0	14.3	8.1	19.2	-43.4	Utah
									Nev
308	540	399	521	14.9	13.8	9.0	-7.4	-34.8	PAC:
147	486	791	1,172	8.8	11.4	6.2	29.5	-45.6	Wash
4,820	8,801	11,820	15,092	13.4	9.8	8.0	-26.9	-18.4	Oreg
44	114	1,106	1,204	11.4	11.3	5.7	-.9	-49.6	Calif
1,344	1,488	2,033	2,490	15.7	14.8	8.1	-5.7	-45.3	Alaska
									Hawaii

Source: U.S. Department of Commerce, Bureau of Economic Analysis, Regional Economic Information System, Annual Employment and Personal Income for States, 1967-1980.

SIC 40: RAILROAD TRANSPORTATION

	Wage and Salary Earnings (Current dollars; millions)				Real Wage and Salary Earnings (1972 dollars; millions)			Percent Change in Real Earnings	
	1967	1972	1977	1980	1967	1977	1980	1967- 1977	1977- 1980
U.S.	\$5,815.0	\$7,329.0	\$10,454.0	\$13,295.0	\$6,925.7	\$6,411.4	\$5,891.0	-7.4%	-8.1%
NE:									
Maine	30.3	35.6	44.0	49.0	36.1	27.0	21.7	-25.2	-19.6
NH	5.0	5.4	7.0	11.1	6.0	4.3	4.9	-28.3	14.0
Vt	9.8	10.3	14.2	8.0	11.7	8.7	3.5	-25.6	-59.8
Mass	66.1	70.5	98.0	123.9	78.7	60.1	54.9	-23.6	-8.7
RI	8.1	7.9	12.7	17.7	9.6	7.8	7.8	-18.8	.0
Conn	44.5	43.7	65.8	84.9	53.0	40.4	37.6	-23.8	-6.9
MA:									
NY	400.2	402.9	555.7	653.9	476.6	340.8	289.7	-28.5	-15.0
NJ	131.8	126.3	155.7	198.9	157.0	95.5	88.1	-39.2	-7.7
Pa	469.3	564.3	860.8	981.5	558.9	527.9	434.9	-5.5	-17.6
ENC:									
Ohio	371.0	466.3	650.6	771.7	441.9	399.0	341.9	-9.7	-14.3
Ind	177.0	226.7	333.5	394.1	210.8	204.5	174.6	-3.0	-14.6
Ill	599.9	697.3	933.4	1,093.4	714.5	572.5	484.5	-19.9	-15.4
Mich	176.9	232.0	330.5	425.6	210.7	202.7	188.6	-3.8	-7.0
Wis	101.4	137.1	199.2	278.3	120.8	122.2	123.3	1.2	.9
WNC:									
Minn	171.2	229.6	298.0	377.0	203.9	182.8	167.0	-10.3	-8.6
Iowa	95.4	123.2	177.4	239.0	113.6	108.8	105.9	-4.2	-2.7
Mo	188.1	244.9	341.0	425.8	224.0	209.1	188.7	-6.7	-9.8
N Dak	32.5	40.9	60.7	84.6	38.7	37.2	37.5	-3.9	.8
S Dak	11.8	15.6	26.1	24.6	14.1	16.0	10.9	13.5	-31.9
Nebr	110.9	157.4	270.0	415.0	132.1	165.6	183.9	25.4	11.1
Kans	154.2	207.8	278.0	380.2	183.7	170.5	168.5	-7.2	-1.2
SA:									
Del	17.2	21.9	36.5	45.6	20.5	22.4	20.2	9.3	-9.8
Md	106.7	122.9	170.1	220.7	127.1	104.3	97.8	-17.9	-6.2
DC	30.4	24.1	66.1	61.8	36.2	40.5	27.4	11.9	-32.3
VA	163.5	211.8	291.6	355.2	194.7	178.8	157.4	-8.2	-12.0
W Va	99.9	110.5	158.5	224.2	119.0	97.2	99.3	-18.3	2.2
NC	67.1	100.4	141.3	185.2	79.9	86.7	82.1	8.5	-5.3
SC	36.8	59.6	85.2	104.4	43.8	52.3	46.3	19.4	-11.5
Ga	123.7	181.3	243.4	361.1	147.3	149.3	160.0	1.4	7.2
Fla	104.1	154.7	231.3	278.0	124.0	141.9	123.2	14.4	-13.2
ESC:									
Ky	139.0	182.2	294.3	404.6	165.5	180.5	179.3	9.1	-.7
Tenn	110.6	139.8	206.8	273.2	131.7	126.8	121.1	-3.7	-4.5
Ala	81.6	115.3	161.8	196.0	97.2	99.2	86.8	2.1	-12.5
Miss	40.1	54.8	89.4	117.5	47.8	54.8	52.1	14.6	-4.9
WSC:									
Ark	57.8	94.0	136.2	189.5	68.8	83.5	84.0	21.4	.6
La	75.3	107.2	154.6	217.2	89.7	94.8	96.2	5.7	1.5
Okla	36.1	56.3	82.9	121.4	43.0	50.8	53.8	18.1	5.9
Tex	267.7	387.2	594.9	776.4	318.8	364.9	344.0	14.5	-5.7
MT:									
Mont	55.6	80.0	126.4	179.0	66.2	77.5	79.3	17.1	2.3
Idaho	32.2	45.7	70.5	91.9	38.4	43.2	40.7	12.5	-5.8
Wyo	34.6	43.2	68.8	105.6	41.2	42.2	46.8	2.4	10.9
Colo	68.0	80.0	123.5	178.8	81.0	75.7	79.2	-6.5	4.6
N Mex	35.1	39.3	54.9	76.8	41.8	33.7	34.0	-19.4	.9
Ariz	37.1	47.5	63.0	83.9	44.2	38.6	37.2	-12.7	-3.6
Utah	57.6	63.5	91.2	119.0	68.6	55.9	52.7	-18.5	-5.7
Nev	17.2	21.8	30.5	40.8	20.5	18.7	18.1	-8.8	-3.2
PAC:									
Wash	105.1	144.0	201.0	258.2	125.2	123.3	114.4	-1.5	-7.2
Oreg	86.0	108.1	147.7	180.2	102.4	90.6	79.8	-11.5	-11.9
Calif	373.2	484.1	615.3	807.3	444.5	377.4	357.7	-15.1	-5.2
Alaska	1.1	2.2	4.0	3.5	1.3	2.5	1.6	92.3	-36.0
Hawaii	0.1	0.1	0	0	0.1	(-)	(-)	(-)	(-)

SIC 40: RAILROAD TRANSPORTATION (cont'd.)

Employment				Real Wage and Salary Earnings per Employee (1972 dollars; thousands)			% Change in Real Earnings per Employee		
1967	1972	1977	1980	1967	1977	1980	1967-1977	1977-1980	
696,000	575,000	534,000	534,000	\$10.0	\$12.0	\$11.0	20.0%	-8.3%	U.S.
3,574	2,733	2,316	2,298	10.1	11.7	9.4	15.8	-19.7	NE:
649	423	403	418	9.2	10.7	11.7	16.3	9.3	Maine
1,337	915	806	313	8.8	10.8	11.2	22.7	3.7	NH
5,411	5,088	5,135	5,119	14.5	11.7	10.7	-19.3	-8.5	Vt
988	640	705	731	9.7	11.1	10.7	14.4	-3.6	Mass
5,262	3,423	3,424	3,552	10.1	11.8	10.6	16.8	-10.2	RI
									Conn
47,810	31,874	29,200	27,059	10.0	11.7	10.7	17.0	-8.5	MA:
15,686	9,833	8,156	8,149	10.0	11.7	10.8	17.0	-7.7	NY
56,057	45,069	44,807	40,641	10.0	11.8	10.7	18.0	-9.3	NJ
									Pa
43,899	36,413	33,227	30,716	10.1	12.0	11.1	18.8	-7.5	ENC:
20,863	17,512	16,010	15,254	10.1	12.8	11.4	26.7	-10.9	Ohio
70,203	54,259	47,321	44,091	10.2	12.1	11.0	18.6	-9.1	Ind
20,691	17,677	16,614	16,716	10.2	12.2	11.3	19.6	-7.4	Ill
11,975	10,592	9,968	10,970	10.1	12.3	11.2	21.8	-8.9	Mich
									Wis
20,365	17,926	15,406	15,149	10.0	11.9	11.0	19.0	-7.6	WNC:
11,320	9,609	9,062	9,612	10.0	12.0	11.0	20.0	-8.3	Minn
22,330	19,245	17,521	17,030	10.0	11.9	11.1	19.0	-6.7	Iowa
3,847	3,129	3,122	3,448	10.1	11.9	10.9	17.8	-8.4	Mo
1,342	1,216	1,306	1,254	10.5	12.3	8.7	17.1	-29.3	N Dak
13,210	12,407	13,996	16,925	10.0	11.8	10.9	18.0	-7.6	S Dak
18,322	16,422	14,197	15,149	10.0	12.0	11.1	20.0	-7.5	Nebr
									Kans
2,068	1,737	1,913	1,881	9.9	11.7	10.7	18.2	-8.5	SA:
12,888	9,705	8,962	9,089	9.9	11.6	10.8	17.2	-6.9	Del
4,024	2,060	3,726	2,612	9.0	10.9	10.5	21.1	-3.7	Md
19,468	16,683	15,104	14,522	10.0	11.8	10.8	18.0	-8.5	DC
11,925	8,686	8,156	9,089	10.0	11.9	10.9	19.0	-8.4	VA
7,989	7,840	6,948	7,104	10.0	12.5	11.6	25.0	-7.2	W Va
4,341	4,602	4,128	4,075	10.1	12.7	11.4	25.7	-10.2	NC
14,842	14,233	12,284	14,313	9.9	12.2	11.2	23.2	-8.2	SC
12,532	12,178	11,579	10,970	9.9	12.3	11.2	24.2	-8.9	Ga
									Fla
16,623	14,741	15,305	16,612	10.0	11.8	10.8	18.0	-8.5	ESC:
13,238	11,005	10,573	10,970	9.9	12.0	11.0	21.2	-8.3	Ky
9,785	9,033	8,055	7,627	9.9	12.3	11.4	24.2	-7.3	Tenn
4,938	4,276	4,329	4,284	9.7	12.7	12.2	30.9	-3.9	Ala
									Miss
6,943	7,380	6,847	7,209	9.9	12.2	11.7	23.2	-4.1	WSC:
9,008	8,345	7,653	8,045	10.0	12.4	12.0	24.0	-3.2	Ark
4,328	4,379	4,028	4,388	9.9	12.6	12.3	27.3	-2.4	La
35,754	29,792	29,301	30,089	8.9	12.5	11.4	40.4	-8.8	Okla
									Tex
6,759	6,349	6,646	7,418	9.8	11.7	10.7	19.4	-8.5	MT:
3,842	3,528	3,482	3,552	10.0	12.4	11.5	24.0	-7.3	Mont
4,147	3,426	3,625	4,388	9.9	11.6	10.7	17.2	-7.8	Idaho
8,147	6,343	6,634	7,209	9.9	11.4	11.0	15.2	-3.5	Wyo
4,158	3,135	2,820	3,134	10.1	12.0	10.8	18.8	-10.0	Colo
4,492	3,769	3,322	3,448	9.8	11.6	10.8	18.4	-6.9	N Mex
6,694	5,160	4,631	4,806	10.2	12.1	11.0	18.6	-9.1	Ariz
2,029	1,716	1,611	1,672	10.1	11.6	10.8	14.9	-6.9	Utah
									Nev
12,339	11,238	10,270	10,552	10.1	12.0	10.8	18.8	-10.0	PAC:
10,320	8,386	7,702	7,313	9.9	11.8	10.9	19.2	-7.6	Wash
44,566	38,295	31,718	32,806	10.0	11.9	10.9	19.0	-8.4	Oreg
150	170	139	229	8.7	18.0	7.0	106.9	-61.1	Calif
17	0	0	0	(-)	(-)	(-)	(-)	(-)	Alaska
									Hawaii

Source: U.S. Department of Commerce, Bureau of Economic Analysis, Regional Economic Information System, Annual Employment and Personal Income for States, 1967-1980.

SIC 41: LOCAL AND INTERURBAN PASSENGER TRANSIT

	Wage and Salary Earnings (Current dollars; millions)				Real Wage and Salary Earnings (1972 dollars; millions)			Percent Change in Real Earnings	
	1967	1972	1977	1980	1967	1977	1980	1977-1967	1980-1977
U.S.	\$1,818.0	\$2,270.0	\$3,027.0	\$3,810.0	\$2,165.2	\$1,856.5	\$1,688.2	-14.3%	-9.1%
NE:									
Maine	5.4	6.9	8.6	11.5	6.4	5.3	5.1	-17.2	-3.8
NH	5.0	8.3	9.1	11.7	6.0	5.6	5.2	-6.7	-7.1
Vt	3.3	4.4	6.0	8.5	3.9	3.7	3.8	-5.1	2.7
Mass	63.2	87.2	136.7	168.2	75.3	83.8	74.5	11.3	-11.1
RI	7.7	9.5	11.9	15.2	9.2	7.3	6.7	-20.7	-8.2
Conn	27.9	40.7	59.8	87.4	33.2	36.7	38.7	10.5	5.4
MA:									
NY	376.2	496.3	652.3	755.9	448.1	400.1	334.9	-10.7	-16.3
NJ	109.8	135.4	189.4	245.0	130.8	116.2	108.6	-11.2	-6.5
Pa	141.5	114.5	158.7	202.5	168.5	97.3	89.7	-42.3	-7.8
ENC:									
Ohio	68.7	77.5	60.9	70.8	81.8	37.3	31.4	-54.4	-15.8
Ind	38.6	46.9	47.5	57.5	46.0	29.1	25.5	-36.7	-12.4
Ill	102.2	132.7	161.8	204.0	121.7	99.2	90.4	-18.5	-8.9
Mich	41.4	43.9	51.7	63.2	49.3	31.7	28.0	-35.7	-11.7
Wis	37.3	53.1	75.4	104.3	44.4	46.2	46.2	4.1	.0
WNC:									
Minn	33.3	38.4	60.1	81.9	39.7	36.9	36.3	-7.1	-1.6
Iowa	12.8	15.3	16.8	16.0	15.2	10.3	7.1	-32.2	-31.1
Mo	46.5	58.8	96.9	129.3	55.4	59.4	57.3	7.2	-3.5
N Dak	2.7	3.8	5.2	6.9	3.2	3.2	3.1	.0	-3.1
S Dak	2.1	3.3	4.9	6.5	2.5	3.0	2.9	20.0	-3.3
Nebr	9.8	10.4	11.4	16.0	11.7	7.0	7.1	-40.2	1.4
Kans	8.0	10.8	14.7	16.7	9.5	9.0	7.4	-5.3	-17.8
SA:									
Del	4.7	6.3	D	15.0	5.6	(-)	6.6	(-)	(-)
Md	45.7	36.4	D	60.4	54.4	(-)	26.8	(-)	(-)
DC	43.9	48.0	28.0	29.5	52.3	17.2	13.1	-67.1	-23.8
VA	46.7	59.9	89.2	85.2	55.6	54.7	37.8	-1.6	-30.9
W Va	10.9	12.3	14.1	14.5	13.0	8.6	6.4	-33.8	-25.6
NC	29.6	36.4	44.8	54.8	35.3	27.5	24.3	-22.1	-11.6
SC	8.5	9.6	12.7	15.3	10.1	7.8	6.8	-22.8	-12.8
Ga	23.9	31.8	26.9	33.8	28.5	16.5	15.0	-42.1	-9.1
Fla	38.6	64.7	85.8	120.8	46.0	52.6	53.5	14.3	1.7
ESC:									
Ky	24.6	D	26.9	27.5	29.3	16.5	12.2	-43.7	-26.1
Tenn	26.6	35.8	37.1	65.3	31.7	22.8	28.9	-28.1	26.8
Ala	13.5	D	15.9	19.4	16.1	9.8	8.6	-39.1	-12.2
Miss	4.2	6.2	9.9	12.3	5.0	6.1	5.5	22.0	-9.8
WSC:									
Ark	6.0	D	10.4	12.6	7.1	6.4	5.6	-9.9	-12.5
La	32.2	40.4	55.2	73.2	38.4	33.9	32.4	-11.7	-4.4
Okla	9.1	11.4	16.3	D	10.8	10.0	(-)	-7.4	(-)
Tex	55.0	75.5	113.9	127.3	65.5	69.9	56.4	6.7	-19.3
MT:									
Mont	5.8	7.8	9.5	12.3	6.9	5.8	5.5	-15.9	-5.2
Idaho	2.6	3.8	4.8	6.8	3.1	2.9	3.0	-6.5	3.4
Wyo	2.3	3.0	5.0	7.7	2.7	3.1	3.4	14.8	9.7
Colo	13.8	21.3	22.4	32.8	16.4	13.7	14.5	-16.5	5.8
N Mex	5.6	8.7	D	D	6.7	(-)	(-)	(-)	(-)
Ariz	8.7	20.6	43.0	48.8	10.4	26.4	21.6	153.8	-18.2
Utah	6.3	8.7	17.9	26.5	7.5	11.0	11.7	46.7	6.4
Nev	11.5	20.1	40.2	69.6	13.7	24.7	30.8	80.3	24.7
PAC:									
Wash	21.3	26.5	33.9	46.4	25.4	20.8	20.6	-18.1	-1.0
Oreg	16.6	17.3	26.9	39.2	19.8	16.5	17.4	-16.7	5.5
Calif	142.0	185.8	255.2	361.1	169.1	156.5	160.0	-7.5	2.2
Alaska	3.6	6.1	19.6	15.3	4.3	12.0	6.8	179.1	-43.3
Hawaii	10.6	18.4	44.4	59.0	12.6	27.2	26.1	115.9	-4.0

SIC 41: LOCAL AND INTERURBAN PASSENGER TRANSIT (cont'd.)

Employment				Real Wage and Salary Earnings per Employee (1972 dollars; thousands)			% Change in Real Earnings per Employee		
1967	1972	1977	1980	1967	1977	1980	1967- 1977	1977- 1980	
283,000	274,000	259,000	269,000	\$7.7	\$7.2	\$6.3	-6.5%	-12.5%	U.S.
1,055	1,074	929	990	6.1	5.7	5.2	-6.6	-8.8	NE:
1,120	1,490	1,185	1,229	5.4	4.7	4.2	-13.0	-10.6	Maine
495	489	547	606	7.9	6.8	6.3	-13.9	-7.4	NH
13,238	15,229	14,765	15,426	5.7	5.7	4.8	.0	-15.8	Vt
1,493	1,453	1,426	1,430	6.2	5.1	4.7	-17.7	-7.8	Mass
5,911	6,664	7,173	8,616	5.6	5.1	4.5	-8.9	-11.8	RI
									Conn
44,726	47,540	41,082	39,748	10.0	9.7	8.4	-3.0	-13.4	MA:
16,989	15,164	15,869	16,916	7.7	7.3	6.4	-5.2	-12.3	NY
26,935	19,116	18,019	19,264	6.3	5.4	4.7	-14.3	-13.0	NJ
									Pa
11,352	9,704	5,702	5,708	7.2	6.5	5.5	-9.7	-15.4	ENC:
5,307	4,182	3,756	3,748	8.7	7.7	6.8	-11.5	-11.7	Ohio
16,388	17,430	14,718	15,165	7.4	6.7	6.0	-9.5	-10.4	Ind
6,350	5,507	4,455	4,247	7.8	7.1	6.6	-9.0	-7.0	Ill
7,612	8,995	9,736	10,668	5.8	4.7	4.3	-19.0	-8.5	Mich
									Wis
6,609	6,619	7,607	8,319	6.0	4.9	4.4	-18.3	-10.2	WNC:
2,304	2,207	1,738	1,490	6.6	5.9	4.8	-10.6	-18.6	Minn
7,502	7,148	8,211	8,775	7.4	7.2	6.5	-2.7	-9.7	Iowa
528	495	631	691	6.1	5.1	4.5	-16.4	-11.8	Mo
473	653	720	720	5.3	4.2	4.0	-20.8	-4.8	N Dak
1,742	1,401	1,083	1,399	6.7	6.5	5.1	-3.0	-21.5	S Dak
1,727	1,802	1,917	1,834	5.5	4.7	4.0	-14.5	-14.9	Nebr
									Kans
958	1,040	D	1,330	5.8	(-)	5.0	(-)	(-)	SA:
7,098	3,957	D	3,893	7.7	(-)	6.9	(-)	(-)	Del
4,810	3,858	1,554	1,247	10.9	11.1	10.5	1.8	-5.4	Md
7,799	7,534	7,614	5,901	7.1	7.2	6.4	1.4	-11.1	DC
1,949	1,642	1,246	980	6.7	6.9	6.5	3.0	-5.8	VA
5,313	4,673	3,950	3,690	6.6	7.0	6.6	6.1	-5.7	W Va
1,340	1,138	1,028	1,027	7.5	7.6	6.6	1.3	-13.2	NC
3,598	3,426	2,086	2,329	7.9	7.9	6.4	.0	-19.0	SC
6,717	7,638	6,368	6,987	6.8	8.3	7.7	22.1	-7.2	Ga
									Fla
4,109	D	2,187	1,810	7.1	7.5	6.7	5.8	-10.7	ESC:
4,006	3,750	3,042	4,029	7.9	7.5	7.2	-5.1	-4.0	Ky
2,508	D	1,558	1,503	6.4	6.3	5.7	-2.0	-9.0	Tenn
837	863	912	875	6.0	6.7	6.3	11.7	-6.0	Ala
									Miss
1,081	D	1,101	958	6.6	5.8	5.8	-11.5	0.6	WSC:
4,295	4,105	3,977	4,009	8.9	8.5	8.1	-4.5	-4.7	Ark
1,392	1,400	1,368	D	7.8	7.3	(-)	-5.8	(-)	La
9,674	9,741	9,376	7,978	6.8	7.5	7.1	10.3	-5.3	Okla
									Tex
906	1,116	976	1,055	7.6	5.9	5.2	-22.4	-11.9	MT:
552	470	623	749	5.6	4.7	4.0	-16.1	-14.9	Mont
341	376	451	550	7.9	6.9	6.2	-12.7	-10.1	Idaho
1,982	2,199	1,702	2,025	8.3	8.0	7.2	-3.6	-10.0	Wyo
1,367	1,680	1,864	D	4.9	(-)	(-)	(-)	(-)	Colo
1,261	1,909	2,989	3,090	8.2	8.8	7.0	7.3	-20.5	N Mex
944	1,086	1,399	1,577	7.9	7.9	7.4	.0	-6.3	Ariz
1,599	2,171	2,713	3,592	8.6	9.1	8.6	5.8	-5.5	Utah
									Nev
3,413	3,309	2,944	3,248	7.4	7.1	6.3	-4.1	-11.3	PAC:
2,468	2,191	2,481	3,113	8.0	6.7	5.6	-16.3	-16.4	Wash
20,013	21,575	21,883	26,605	8.4	7.2	6.0	-14.3	-16.7	Oreg
490	659	930	1,104	8.8	12.9	6.2	46.6	-51.9	Calif
1,639	2,127	3,550	3,698	7.7	7.7	7.1	.0	-7.8	Alaska
									Hawaii

Source: U.S. Department of Commerce, Bureau of Economic Analysis, Regional Economic Information System, Annual Employment and Personal Income for States, 1967-1980.

SIC 42: MOTOR FREIGHT TRANSPORTATION AND WAREHOUSING

	Wage and Salary Earnings (Current dollars; millions)				Real Wage and Salary Earnings (1972 dollars; millions)			Percent Change in Real Earnings	
	1967	1972	1977	1980	1967	1977	1980	1967- 1977	1977- 1980
U.S.	\$8,380.0	\$13,757.0	\$21,609.0	\$28,691.0	\$9,980.6	\$13,252.8	\$12,713.0	32.8%	-4.1%
NE:									
Maine	31.3	50.5	80.1	107.9	37.3	49.1	47.8	31.6	-2.6
NH	23.4	40.2	60.6	85.4	27.9	37.2	37.8	33.3	1.6
Vt	16.5	27.0	40.2	52.3	19.7	24.7	23.2	25.4	-6.1
Mass	224.7	349.1	449.3	569.3	267.6	275.6	252.3	3.0	-8.5
RI	35.1	53.8	61.1	72.3	41.8	37.5	32.0	-10.3	-14.7
Conn	101.5	160.5	222.5	286.6	120.9	136.5	127.0	12.9	-7.0
MA:									
NY	647.4	956.3	1,155.2	1,493.5	771.1	708.5	661.8	-8.1	-6.6
NJ	461.0	792.0	1,054.3	1,351.7	549.1	646.6	598.9	17.8	-7.4
Pa	554.9	908.9	1,330.1	1,714.8	660.9	815.8	759.8	23.4	-6.9
ENC:									
Ohio	581.7	970.1	1,486.9	1,823.0	692.8	911.9	807.8	31.6	-11.4
Ind	260.6	406.6	672.3	828.2	310.4	412.3	367.0	32.8	-11.0
Ill	665.5	998.3	1,528.0	1,800.0	792.6	937.1	797.6	18.2	-14.9
Mich	388.5	589.3	898.8	1,046.9	462.7	551.2	463.9	19.1	-15.8
Wis	200.1	325.1	504.1	671.7	238.3	309.2	297.6	29.8	-3.8
WNC:									
Minn	162.9	265.1	438.6	579.8	194.0	269.0	256.9	38.7	-4.5
Iowa	131.2	218.4	352.8	446.3	156.3	216.4	197.8	38.5	-8.6
Mo	281.2	450.0	693.1	880.2	334.9	425.1	390.0	26.9	-8.3
N Dak	17.4	29.7	52.3	93.2	20.7	32.1	41.3	55.1	28.7
S Dak	23.4	45.1	82.3	115.0	27.9	50.5	51.0	81.0	1.0
Nebr	62.4	118.5	201.9	256.3	74.3	123.8	113.6	66.6	-8.2
Kans	90.9	155.0	301.3	408.7	108.3	184.8	181.1	70.6	-2.0
SA:									
Del	21.1	33.1	52.4	67.6	25.1	32.1	30.0	27.9	-6.5
Md	145.8	252.4	385.4	493.0	173.6	236.4	218.4	36.2	-7.6
DC	14.3	16.8	15.3	20.6	17.0	9.4	9.1	-44.7	-3.2
VA	148.4	248.5	400.4	529.7	176.7	245.6	234.7	39.0	-4.4
W Va	55.5	88.5	158.4	203.9	66.1	97.1	90.3	46.9	-7.0
NC	239.7	415.0	632.9	880.8	285.5	388.2	390.3	36.0	.5
SC	55.3	111.8	199.0	283.7	65.9	122.0	125.7	85.1	3.0
Ga	169.0	306.1	498.7	707.2	201.3	305.9	313.4	52.0	2.5
Fla	149.0	307.4	513.3	750.5	177.5	314.8	332.5	77.4	5.6
ESC:									
Ky	94.8	172.0	313.3	405.1	112.9	192.1	179.5	70.2	-6.6
Tenn	162.4	315.0	546.0	741.7	193.4	334.9	328.6	73.2	-1.9
Ala	97.0	160.5	289.0	396.7	115.5	177.2	175.8	53.4	-.8
Miss	39.4	86.1	147.3	222.5	46.9	90.3	98.6	92.5	9.2
WSC:									
Ark	68.3	116.6	198.7	278.4	81.3	121.9	123.4	49.9	1.2
La	95.7	159.8	287.8	438.5	114.0	176.5	194.3	54.8	10.1
Okla	101.7	178.7	318.4	498.0	121.1	195.3	220.7	61.3	13.0
Tex	414.7	684.1	1,291.0	1,945.6	493.9	791.8	862.1	60.3	8.9
MT:									
Mont	26.6	43.1	79.4	108.1	31.7	48.7	47.9	53.6	-1.6
Idaho	24.6	45.3	86.3	119.6	29.3	52.9	53.0	80.5	.2
Wyo	13.2	23.9	53.8	94.2	15.7	33.0	41.7	110.2	26.4
Colo	93.2	153.0	245.1	360.6	111.0	150.3	159.8	35.4	6.3
N Mex	24.5	43.0	86.5	126.1	29.2	53.1	55.9	81.8	5.3
Ariz	40.6	73.6	108.1	215.5	48.4	66.3	95.5	37.0	44.0
Utah	46.1	92.2	166.6	235.5	54.9	102.2	104.4	86.2	2.2
Nev	14.2	24.8	50.9	77.0	16.9	31.2	34.1	84.6	9.3
PAC:									
Wash	121.9	194.6	355.1	496.6	145.2	217.8	220.0	50.0	1.0
Oreg	107.1	195.4	327.4	446.2	127.6	200.8	197.7	57.4	-1.5
Calif	806.0	1,254.1	1,975.8	2,729.8	959.9	1,211.8	1,209.6	26.2	-.2
Alaska	12.6	21.6	95.9	79.5	15.0	58.8	35.2	292.0	-40.1
Hawaii	15.7	27.8	42.2	55.5	18.7	25.9	24.6	38.5	-5.0

SIC 42: MOTOR FREIGHT TRANSPORTATION AND WAREHOUSING (cont'd.)

Employment				Real Wage and Salary Earnings per Employee (1972 dollars; thousands)			% Change in Real Earnings per Employee		
1967	1972	1977	1980	1967	1977	1980	1967- 1977	1977- 1980	
1,020,000	1,126,000	1,217,000	1,281,000	\$9.8	\$10.9	\$9.9	11.2%	-9.2%	U.S.
4,085	4,160	4,450	4,747	9.1	11.0	10.1	20.9	-8.2	NE:
2,741	2,953	3,050	3,457	10.2	12.2	10.9	19.6	-10.7	Maine
2,073	2,246	2,367	2,411	9.5	10.4	9.6	9.5	-7.7	NH
29,723	27,854	26,736	26,756	9.0	10.3	9.4	14.4	-8.7	Vt
4,663	4,582	3,749	3,246	9.0	10.0	9.9	11.1	-1.0	Mass
11,986	12,985	12,308	12,398	10.1	11.1	10.2	9.9	-8.1	RI
									Conn
									MA:
82,534	80,750	69,356	69,392	9.3	10.2	9.5	9.7	-6.9	NY
54,548	63,714	58,430	59,415	10.1	11.1	10.1	9.9	-9.0	NJ
69,589	72,835	71,963	72,358	9.5	11.3	10.5	18.9	-7.1	Pa
									ENC:
65,777	73,797	77,515	75,712	10.5	11.8	10.7	12.4	-9.3	Ohio
29,656	31,081	35,687	36,295	10.5	11.6	10.1	10.5	-12.9	Ind
73,111	73,077	75,656	70,595	10.8	12.4	11.3	14.8	-8.9	Ill
40,036	41,039	43,510	39,867	11.6	12.7	11.6	9.5	-8.7	Mich
22,546	24,209	26,655	28,559	10.6	11.6	10.4	9.4	-10.3	Wis
									WNC:
16,754	20,481	23,774	24,957	11.6	11.3	10.3	-2.6	-8.8	Minn
14,276	16,747	18,968	19,083	10.9	11.4	10.4	4.6	-8.8	Iowa
31,983	33,735	37,309	38,005	10.5	11.4	10.3	8.6	-9.6	Mo
2,079	2,449	2,943	4,123	10.0	10.9	10.0	9.0	-8.3	N Dak
2,939	3,905	4,769	5,194	9.5	10.6	9.8	11.6	-7.5	S Dak
7,563	9,484	11,123	11,396	9.8	11.1	10.0	13.3	-9.9	Nebr
11,574	12,730	18,300	19,839	9.4	10.1	9.1	7.4	-9.9	Kans
									SA:
2,805	2,862	3,169	3,021	8.9	10.1	9.9	13.5	-2.0	Del
19,727	22,323	23,749	23,656	8.8	10.0	9.2	13.6	-8.0	Md
2,376	1,851	1,177	1,235	7.2	8.0	7.4	11.1	-7.5	DC
21,298	24,086	26,505	28,323	8.3	9.3	8.3	12.0	-10.8	VA
7,362	7,781	9,359	9,326	9.0	10.4	9.7	15.6	-6.7	W Va
33,292	39,380	40,511	44,366	8.6	9.6	8.8	11.6	-8.3	NC
8,888	11,588	13,442	14,707	7.4	9.1	8.5	23.0	-6.6	SC
25,040	28,945	31,724	35,119	8.0	9.6	8.9	20.0	-7.3	Ga
21,964	29,359	33,328	39,004	8.1	9.4	8.5	16.0	-9.6	Fla
									ESC:
12,530	14,349	16,564	16,672	9.0	11.6	10.8	28.9	-6.9	Ky
22,053	27,840	32,235	34,032	8.8	10.4	9.7	18.2	-6.7	Tenn
14,682	15,676	18,388	19,697	7.9	9.6	8.9	21.5	-7.3	Ala
6,246	8,865	9,826	11,497	7.5	9.2	8.6	22.7	-6.5	Miss
									WSC:
9,657	10,866	11,934	13,768	8.4	10.2	9.0	21.4	-11.8	Ark
15,124	15,838	19,219	22,409	7.5	9.2	8.7	22.7	-5.4	La
12,715	15,016	17,335	20,405	9.5	11.3	10.8	18.9	-4.4	Okla
59,078	64,342	81,233	93,639	8.4	9.7	9.2	15.5	-5.2	Tex
									MT:
3,065	3,507	4,326	4,390	10.3	11.3	10.9	9.7	-3.5	Mont
2,846	3,915	4,261	5,714	10.3	12.4	9.3	20.4	-25.0	Idaho
1,713	2,257	3,198	4,191	9.2	10.3	9.9	12.0	-3.9	Wyo
11,173	12,783	14,415	16,718	9.9	10.4	9.6	5.1	-7.7	Colo
3,407	3,850	5,128	5,423	8.6	10.4	10.3	20.9	-1.0	N Mex
5,022	6,140	7,922	10,030	9.6	8.4	9.5	-12.5	13.1	Ariz
5,578	7,506	9,529	10,690	9.8	10.7	9.8	9.2	-8.4	Utah
1,671	1,951	2,834	3,432	10.1	11.0	9.9	8.9	-10.0	Nev
									PAC:
14,474	15,182	18,635	20,801	10.0	11.7	10.6	17.0	-9.4	Wash
12,208	14,876	14,947	17,583	10.5	13.4	11.2	27.6	-16.4	Oreg
84,871	92,210	105,330	118,184	11.3	11.5	10.2	1.8	-11.3	Calif
1,166	1,570	2,730	1,951	12.9	21.5	18.0	66.7	-16.3	Alaska
2,434	2,771	2,936	3,213	7.7	8.8	7.7	14.3	-12.5	Hawaii

Source: U.S. Department of Commerce, Bureau of Economic Analysis, Regional Economic Information System, Annual Employment and Personal Income for States, 1967-1980.

SIC 44: WATER TRANSPORTATION

	Wage and Salary Earnings (Current dollars; millions)				Real Wage and Salary Earnings (1972 dollars; millions)			Percent Change in Real Earnings	
	1967	1972	1977	1980	1967	1977	1980	1967- 1977	1977- 1980
U.S.	\$2,003.0	\$2,277.0	\$3,372.0	\$4,971.0	\$2,385.6	\$2,068.0	\$2,202.7	-13.3%	6.5%
NE:									
Maine	2.9	4.6	8.6	D	3.5	5.3	(-)	51.4	(-)
NH	D	D	D	D	(-)	(-)	(-)	(-)	(-)
Vt	0.6	0.8	1.2	1.9	.7	.7	.8	.0	14.3
Mass	D	D	D	D	(-)	(-)	(-)	(-)	(-)
RI	2.7	4.9	5.3	7.9	3.2	3.3	3.5	3.1	6.1
Conn	D	D	D	D	(-)	(-)	(-)	(-)	(-)
MA:									
NY	606.7	521.9	620.8	729.6	722.6	380.7	323.3	-47.3	-15.1
NJ	142.3	172.3	255.2	460.8	169.5	156.5	204.2	-7.7	30.5
Pa	101.5	120.8	182.0	266.4	120.9	111.6	118.0	-7.7	5.7
ENC:									
Ohio	70.8	69.4	88.1	109.7	84.3	54.0	48.6	-35.9	-10.0
Ind	3.9	6.2	12.3	27.2	4.6	7.5	12.1	63.0	61.3
Ill	30.4	39.1	56.1	75.8	36.2	34.4	33.6	-5.0	-2.3
Mich	15.4	18.8	26.0	26.1	18.3	15.9	11.6	-13.1	-27.0
Wis	7.2	11.2	16.6	18.0	8.6	10.2	8.0	18.6	-21.6
WNC:									
Minn	5.3	30.2	33.0	38.4	6.3	20.2	17.0	220.6	-15.8
Iowa	0.3	0.9	1.8	3.1	.4	1.1	1.4	175.0	27.3
Mo	14.4	26.2	48.2	78.7	17.2	29.6	34.9	72.1	17.9
N Dak	D	0.0	D	D	(-)	(-)	(-)	(-)	(-)
S Dak	0.0	0.0	D	D	0.0	(-)	(-)	(-)	(-)
Nebr	0.2	0.3	0.4	D	0.2	0.2	(-)	0.0	(-)
Kans	0.1	0.8	0.8	1.5	0.1	0.5	0.7	400.0	40.0
SA:									
Del	D	6.1	D	11.9	(-)	(-)	5.3	(-)	(-)
Md	35.9	58.7	92.3	138.1	42.8	56.6	61.2	32.2	8.1
DC	D	1.5	D	1.8	(-)	(-)	0.8	(-)	(-)
VA	24.0	38.2	66.0	88.8	28.6	40.5	39.3	41.6	-3.0
W Va	7.5	9.8	20.6	25.1	8.9	12.6	11.1	41.6	-11.9
NC	12.3	16.0	16.2	23.2	14.6	9.9	10.3	-32.2	4.0
SC	7.5	12.3	23.7	41.7	8.9	14.5	18.5	62.9	27.6
Ga	9.2	17.5	31.2	50.1	11.0	19.1	22.2	73.6	16.2
Fla	42.9	75.2	116.3	211.2	51.1	71.3	93.6	39.5	31.3
ESC:									
Ky	8.9	D	30.8	41.7	10.6	18.9	18.5	78.3	-2.1
Tenn	5.3	D	15.0	21.5	6.3	9.2	9.5	46.0	3.3
Ala	26.4	31.9	50.7	76.0	31.4	31.1	33.7	-1.0	8.4
Miss	10.8	17.6	33.6	56.2	12.9	20.6	24.9	59.7	20.9
WSC:									
Ark	0.4	0.6	3.1	5.9	.5	1.9	2.6	280.0	36.8
La	195.1	253.1	469.1	824.2	232.4	287.7	365.2	23.8	26.9
Okla	D	0.2	D	D	(-)	(-)	(-)	(-)	(-)
Tex	108.7	170.2	298.4	504.1	129.5	183.0	223.4	41.3	22.1
MT:									
Mont	0.0	0.1	0.1	0.2	0.0	0.0	0.1	0.0	66.7
Idaho	D	D	D	D	(-)	(-)	(-)	(-)	(-)
Wyo	0.1	0.3	0.3	0.1	.1	.2	.0	100.0	-80.0
Colo	D	0.1	D	D	(-)	(-)	(-)	(-)	(-)
N Mex	D	D	D	D	(-)	(-)	(-)	(-)	(-)
Ariz	D	D	0.8	D	(-)	0.5	(-)	(-)	(-)
Utah	0.0	D	0.9	2.0	0.0	0.6	0.9	900.0	50.0
Nev	D	0.3	0.9	1.3	(-)	0.6	0.6	(-)	.0
PAC:									
Wash	98.2	111.8	145.4	233.4	117.0	89.2	103.4	-23.8	15.9
Oreg	D	36.1	52.2	73.3	(-)	32.0	32.5	(-)	1.6
Calif	299.7	301.7	405.6	514.7	356.9	248.8	228.1	-30.3	-8.3
Alaska	10.0	11.1	45.2	41.4	11.9	27.7	18.3	132.8	-33.9
Hawaii	21.4	20.6	35.0	48.0	25.5	21.5	21.3	-15.7	-.9

SIC 44: WATER TRANSPORTATION (cont'd.)

Employment				Real Wage and Salary Earnings per Employee (1972 dollars; thousands)			% Change in Real Earnings per Employee		
1967	1972	1977	1980	1967	1977	1980	1967- 1977	1977- 1980	
241,000	201,000	194,000	210,000	\$9.9	\$10.7	\$10.5	8.1%	-1.9%	U.S.
468	514	869	D	7.5	6.1	(-)	-18.4	(-)	NE:
D	D	D	D	(-)	(-)	(-)	(-)	(-)	Maine
102	82	106	117	6.9	6.6	6.8	-4.3	3.0	NH
D	D	D	D	(-)	(-)	(-)	(-)	(-)	Vt
335	524	484	468	9.6	6.8	7.5	-29.2	10.3	Mass
D	D	D	D	(-)	(-)	(-)	(-)	(-)	RI
									Conn
61,851	34,686	25,614	23,861	11.7	14.9	13.5	27.4	-9.4	MA:
16,816	14,744	12,218	14,408	10.1	12.8	14.2	26.7	10.9	NY
11,912	9,319	9,158	8,631	10.1	12.2	13.7	20.8	12.3	NJ
									Pa
6,638	5,064	4,241	3,957	12.7	12.7	12.3	.0	-3.1	ENC:
444	582	686	1,034	10.4	10.9	11.7	4.8	7.3	Ohio
3,648	3,411	3,544	3,567	9.9	9.7	9.4	-2.0	-3.1	Ind
1,873	1,715	1,640	1,419	9.8	9.7	8.2	-1.0	-15.5	Ill
1,308	1,407	1,290	1,210	6.6	7.9	6.6	19.7	-16.5	Mich
									Wis
826	2,179	1,832	1,413	7.6	11.0	12.0	44.7	9.1	WNC:
31	109	127	159	12.9	8.7	8.8	-32.6	1.1	Minn
1,940	2,705	3,337	3,725	8.9	8.9	9.4	.0	5.6	Iowa
D	D	D	D	(-)	(-)	(-)	(-)	(-)	Mo
D	D	D	D	(-)	(-)	(-)	(-)	(-)	N Dak
25	37	41	D	8.0	4.9	(-)	-38.8	(-)	S Dak
D	34	73	101	(-)	6.8	6.9	(-)	1.2	Nebr
									Kans
D	692	D	709	(-)	(-)	7.5	(-)	(-)	SA:
6,903	7,206	7,723	7,423	6.2	7.3	8.2	17.7	12.3	Del
D	97	D	83	(-)	(-)	9.6	(-)	(-)	Md
4,711	4,367	5,061	4,907	6.1	8.0	8.0	31.1	.0	DC
946	992	1,347	1,228	9.4	9.4	9.0	.0	-4.3	VA
1,910	1,710	2,052	2,204	7.6	4.8	4.7	-36.8	-2.1	W Va
1,401	2,044	2,415	2,698	6.4	6.0	6.9	-6.3	15.0	NC
1,837	3,139	3,266	3,751	6.0	5.8	5.9	-3.3	1.7	SC
8,016	11,712	10,402	13,032	6.4	6.9	7.2	7.8	4.3	Ga
									Fla
1,162	D	1,971	1,976	9.1	9.6	9.4	5.1	-2.4	ESC:
885	D	1,223	1,335	7.1	7.5	7.1	5.7	-5.4	Ky
3,857	3,283	3,556	3,824	8.1	8.7	8.8	7.4	1.1	Tenn
2,067	2,163	2,669	3,286	6.2	7.7	7.6	24.2	-1.3	Ala
									Miss
14	52	235	307	35.7	8.1	8.5	-77.3	4.9	WSC:
28,616	26,338	28,988	39,152	8.1	9.9	9.3	22.2	-6.1	Ark
D	D	D	D	(-)	(-)	(-)	(-)	(-)	La
21,653	20,598	20,988	21,951	6.0	8.7	10.2	45.0	17.2	Okla
									Tex
D	10	21	26	(-)	2.9	3.8	(-)	34.6	MT:
D	D	D	D	(-)	(-)	(-)	(-)	(-)	Mont
D	24	42	10	(-)	4.8	4.0	(-)	-16.0	Idaho
D	D	D	D	(-)	(-)	(-)	(-)	(-)	Wyo
D	D	D	D	(-)	(-)	(-)	(-)	(-)	Colo
D	D	D	D	(-)	(-)	(-)	(-)	(-)	N Mex
D	D	71	11	(-)	7.0	(-)	(-)	(-)	Ariz
D	D	114	182	(-)	5.3	4.9	(-)	-6.0	Utah
D	41	117	152	(-)	5.1	3.9	(-)	-23.5	Nev
9,242	7,448	7,036	8,026	12.7	12.7	12.8	0.1	1.6	PAC:
D	2,631	2,460	2,559	(-)	13.0	12.7	(-)	-2.4	Wash
26,681	19,881	18,297	18,496	13.4	13.6	12.3	1.5	-9.6	Oreg
985	813	1,770	1,396	12.1	15.6	13.1	28.9	-16.0	Calif
2,448	1,879	1,928	1,940	10.4	11.2	11.0	7.7	-1.8	Alaska
									Hawaii

Source: U.S. Department of Commerce, Bureau of Economic Analysis, Regional Economic Information System, Annual Employment and Personal Income for States, 1967-1980.

SIC 45: TRANSPORTATION BY AIR

	Wage and Salary Earnings (Current dollars; millions)				Real Wage and Salary Earnings (1972 dollars; millions)			Percent Change in Real Earnings	
	1967	1972	1977	1980	1967	1977	1980	1967- 1977	1977- 1980
U.S.	\$2,831.0	\$5,123.0	\$8,513.0	\$12,900.0	\$3,371.7	\$5,221.0	\$5,716.0	54.8%	9.5%
NE:									
Maine	D	D	6.0	10.5	(-)	3.7	4.7	(-)	27.0
NH	0.4	D	1.8	4.0	0.5	1.1	1.8	120.0	63.6
Vt	0.8	1.4	3.2	6.1	1.0	2.0	2.7	100.0	35.0
Mass	59.6	114.2	174.4	278.8	71.0	107.0	123.5	50.7	15.4
RI	D	32	5.4	7.4	(-)	3.3	3.3	(-)	0.0
Conn	5.8	12.1	32.0	54.3	6.9	19.6	24.1	184.1	23.0
MA:									
NY	547.9	933.2	1,333.3	1,730.9	652.5	817.7	767.0	25.3	-6.2
NJ	61.3	109.4	162.3	241.9	73.0	99.5	107.2	36.3	7.7
Pa	48.7	115.8	165.9	260.6	58.0	101.7	115.5	75.3	13.6
ENC:									
Ohio	38.3	59.4	118.7	192.3	45.6	72.8	85.2	59.6	17.0
Ind	16.2	20.2	32.1	48.6	19.3	19.7	21.5	2.1	9.1
Ill	195.3	356.0	584.3	842.9	232.6	358.4	373.5	54.1	4.2
Mich	43.6	63.4	104.8	164.9	51.9	64.3	73.1	23.9	13.7
Wis	7.5	14.2	25.4	41.9	8.9	15.6	18.6	75.3	19.2
WNC:									
Minn	76.1	113.8	235.0	381.1	90.6	144.1	168.9	59.1	17.2
Iowa	4.6	7.8	15.5	19.2	5.5	9.5	8.5	72.7	-10.5
Mo	136.5	211.1	363.8	492.6	162.6	223.1	218.3	37.2	-2.2
N Dak	1.0	1.5	3.9	6.3	1.2	2.4	2.8	100.0	16.7
S Dak	1.5	2.9	5.3	7.1	1.8	3.3	3.1	83.3	-6.1
Nebr	5.3	7.7	14.1	18.7	6.3	8.6	8.3	36.5	-3.5
Kans	4.0	8.0	16.1	24.2	4.8	9.9	10.7	106.3	8.1
SA:									
Del	D	1.0	1.1	D	(-)	0.7	(-)	(-)	(-)
Md	10.3	16.3	D	44.1	12.3	(-)	19.5	(-)	(-)
DC	D	35.2	D	D	(-)	(-)	(-)	(-)	(-)
VA	68.0	133.4	259.5	369.7	81.0	159.2	163.8	96.5	2.9
W Va	1.8	2.8	5.9	8.4	2.1	3.6	3.7	71.4	2.8
NC	25.3	47.4	81.2	134.5	30.1	49.8	59.6	65.4	19.7
SC	5.0	7.7	13.9	20.9	6.0	8.5	9.3	41.7	9.4
Ga	115.6	263.3	501.4	818.3	137.7	307.5	362.6	123.3	17.9
Fla	267.3	486.6	727.5	1,140.1	318.4	446.2	505.2	40.1	13.2
ESC:									
Ky	9.2	17.3	29.7	41.1	11.0	18.2	18.2	65.5	.0
Tenn	19.3	35.5	88.6	198.8	23.0	54.3	88.1	136.1	62.2
Ala	4.5	D	14.3	24.3	5.4	8.8	10.8	63.0	22.7
Miss	2.3	5.7	10.3	13.5	2.7	6.3	6.0	133.3	-4.8
WSC:									
Ark	2.8	D	10.5	18.5	3.3	6.4	8.2	93.9	28.1
La	23.1	49.5	91.7	162.3	27.5	56.2	71.9	104.4	27.9
Okla	63.5	102.8	166.3	257.6	75.6	102.0	114.1	34.9	11.9
Tex	179.8	323.9	603.2	1,055.6	214.1	369.9	467.7	72.8	26.4
MT:									
Mont	3.1	4.8	9.9	13.1	3.7	6.1	5.8	64.9	-4.9
Idaho	2.1	3.6	6.1	10.4	2.5	3.7	4.6	48.0	24.3
Wyo	1.3	2.5	4.5	9.0	1.5	2.8	4.0	86.7	42.9
Colo	57.8	112.1	208.7	395.7	68.8	128.0	175.3	86.0	37.0
N Mex	5.0	8.0	11.4	22.8	6.0	7.0	10.1	16.7	44.3
Ariz	17.2	31.1	71.9	121.5	20.5	44.1	53.8	115.1	22.0
Utah	7.5	14.1	24.3	43.8	8.9	14.9	19.4	67.4	30.2
Nev	6.1	16.9	45.4	68.6	7.3	27.8	30.4	280.8	9.4
PAC:									
Wash	61.5	102.0	208.2	282.5	73.2	127.7	125.2	74.5	-2.0
Oreg	9.1	18.1	34.8	46.4	10.8	21.3	20.6	97.2	-3.3
Calif	526.8	984.3	1,585.2	2,330.2	627.4	972.2	1,032.5	55.0	6.2
Alaska	23.9	44.0	102.0	150.5	28.5	62.6	66.7	119.6	6.5
Hawaii	38.8	79.8	142.8	237.0	46.2	87.6	105.0	89.6	19.9

SIC 45: TRANSPORTATION BY AIR (cont'd.)

Employment				Real Wage and Salary Earnings per Employee (1972 dollars; thousands)			% Change in Real Earnings per Employee		
1967	1972	1977	1980	1967	1977	1980	1967- 1977	1977- 1980	
298,000	346,000	386,000	456,000	\$11.3	\$13.5	\$12.5	19.5%	-7.4%	U.S.
D	D	389	552	(-)	9.5	8.5	(-)	-10.5	NE:
72	D	144	266	6.9	7.6	6.8	10.0	-11.4	Maine
116	119	213	351	8.6	9.4	7.7	9.3	-18.1	NH
7,951	8,511	7,976	10,004	8.9	13.4	12.3	50.6	-8.2	Vt
D	289	354	367	(-)	9.3	9.0	(-)	-3.5	Mass
756	1,026	1,930	2,718	9.1	10.2	8.9	12.1	-12.7	RI
									Conn
53,859	58,380	55,492	55,787	12.1	14.7	13.7	21.5	-6.8	MA:
5,907	7,193	7,961	9,904	12.4	12.5	10.8	.8	-13.6	NY
6,026	8,314	9,017	10,865	9.6	11.3	10.6	17.7	-6.2	NJ
									Pa
4,708	5,054	6,619	7,944	9.7	11.0	10.7	13.4	-2.7	ENC:
1,956	1,811	2,017	2,393	9.9	9.8	9.0	-1.0	-8.2	Ohio
21,136	24,401	26,193	29,052	11.0	13.7	12.9	24.5	-5.8	Ind
5,424	5,265	5,676	6,838	9.6	11.3	10.7	17.7	-5.3	Ill
1,042	1,252	1,543	2,048	8.5	10.1	9.1	18.8	-9.9	Mich
									Wis
7,862	7,468	9,973	12,256	11.5	14.4	13.8	25.2	-4.2	WNC:
650	741	1,063	1,042	8.5	8.9	8.2	4.7	-7.9	Minn
14,213	13,946	15,868	17,082	11.4	14.1	12.8	23.7	-9.2	Iowa
141	111	255	311	8.5	9.4	9.0	10.6	-4.3	Mo
202	239	306	333	8.9	10.8	9.3	21.3	-13.9	N Dak
694	651	879	927	9.1	9.8	9.0	7.7	-8.2	S Dak
607	776	1,039	1,228	7.9	9.5	8.7	20.3	-8.4	Nebr
									Kans
D	96	87	D	(-)	8.0	(-)	(-)	(-)	SA:
1,365	1,360	D	2,243	9.0	(-)	8.7	(-)	(-)	Del
D	1,563	D	D	(-)	(-)	(-)	(-)	(-)	Md
7,588	9,002	10,609	12,136	10.7	15.0	13.5	40.2	-10.0	DC
250	267	433	536	8.4	8.3	6.9	-1.2	-16.9	VA
3,401	3,984	4,330	5,920	8.9	11.5	10.1	29.2	-12.2	W Va
689	705	932	1,141	8.7	9.1	8.2	4.6	-9.9	NC
12,174	16,904	20,768	26,245	11.3	14.8	13.8	31.0	-6.8	SC
26,908	32,431	32,447	41,729	11.8	13.8	12.1	16.9	-12.3	Ga
									Fla
1,175	1,321	1,609	1,763	9.4	11.3	10.3	20.2	-8.8	ESC:
2,373	2,747	4,829	7,889	9.7	11.2	11.2	15.5	.0	Ky
595	D	873	1,173	9.1	10.1	9.2	11.1	-8.7	Tenn
331	585	678	649	8.2	9.3	9.2	13.4	-1.1	Ala
									Miss
335	D	693	1,009	9.9	9.2	8.1	-6.3	-12.0	WSC:
2,704	3,875	4,592	6,260	10.2	12.2	11.5	19.6	-5.7	Ark
7,166	7,480	7,916	9,607	10.5	12.9	11.9	22.9	-7.8	La
19,475	22,725	28,061	36,078	11.0	13.2	13.0	20.0	-1.5	Okla
									Tex
392	410	595	644	9.4	10.3	9.0	9.6	-12.6	MT:
304	365	384	569	8.2	9.6	8.1	17.1	-15.6	Mont
187	251	316	482	8.0	8.9	8.3	11.3	-6.7	Idaho
6,061	7,581	9,399	13,755	11.4	13.6	12.7	19.3	-6.6	Wyo
696	755	860	1,189	8.6	8.1	8.5	-5.8	4.9	Colo
2,082	2,381	3,719	4,756	9.8	11.9	11.3	21.4	-5.0	N Mex
946	1,139	1,322	1,980	9.4	11.3	9.8	20.2	-13.3	Ariz
821	1,371	2,338	3,173	8.9	11.9	9.6	33.7	-19.3	Utah
									Nev
6,052	6,507	8,918	9,488	12.1	14.3	13.2	18.2	-7.7	PAC:
1,175	1,550	1,751	2,120	9.2	12.2	9.7	32.6	-20.5	Wash
52,247	63,034	68,524	76,810	12.0	14.2	13.4	18.3	-5.6	Oreg
2,225	2,994	4,360	5,253	12.8	14.4	12.7	12.5	-11.8	Calif
4,438	5,879	6,904	8,168	10.4	12.7	12.9	22.1	1.6	Alaska
									Hawaii

Source: U.S. Department of Commerce, Bureau of Economic Analysis, Regional Economic Information System, Annual Employment and Personal Income for States, 1967-1980.

SIC 46: PIPELINE TRANSPORTATION

	Wage and Salary Earnings (Current dollars; millions)				Real Wage and Salary Earnings (1972 dollars; millions)			Percent Change in Real Earnings	
	1967	1972	1977	1980	1967	1977	1980	1967- 1977	1977- 1980
U.S.	\$171.0	\$224.0	\$376.0	\$617.0	\$203.7	\$230.6	\$273.4	13.2%	18.6%
NE:									
Maine	D	D	2.3	D	(-)	1.4	(-)	(-)	(-)
NH	D	D	D	D	(-)	(-)	(-)	(-)	(-)
Vt	D	D	D	-	(-)	(-)	(-)	(-)	(-)
Mass	D	D	D	D	(-)	(-)	(-)	(-)	(-)
RI	D	0.0	D	D	(-)	(-)	(-)	(-)	(-)
Conn	D	D	D	D	(-)	(-)	(-)	(-)	(-)
MA:									
NY	1.9	3.0	2.4	3.2	2.3	1.5	1.4	-34.8	-6.7
NJ	1.4	1.8	3.3	4.0	1.7	2.0	1.8	17.6	-10.0
Pa	7.8	9.2	15.7	19.5	9.3	9.6	8.6	3.2	-10.4
ENC:									
Ohio	7.2	9.1	13.9	19.2	8.6	8.5	8.5	-1.2	.0
Ind	1.7	3.3	8.6	11.9	2.0	5.3	5.3	165.0	.0
Ill	9.7	13.4	23.4	29.0	11.6	14.4	12.8	24.1	-11.1
Mich	1.8	1.7	5.2	6.7	2.1	3.2	3.0	52.4	-6.3
Wis	1.1	2.0	2.9	4.2	1.3	1.8	1.9	38.5	5.6
WNC:									
Minn	2.5	3.1	4.9	5.7	3.0	3.0	2.5	.0	-16.7
Iowa	1.6	2.2	4.3	4.6	1.9	2.6	2.0	36.8	-23.1
Mo	4.9	3.8	5.8	6.7	5.8	3.6	3.0	-37.9	-16.7
N Dak	0.5	0.5	D	3.6	0.6	(-)	1.6	(-)	(-)
S Dak	0.5	0.6	D	D	0.6	(-)	(-)	(-)	(-)
Nebr	1.2	1.4	3.5	D	1.4	2.1	(-)	50.0	(-)
Kans	9.5	11.5	32.6	58.3	11.3	20.0	25.8	77.0	29.0
SA:									
Del	D	D	D	D	(-)	(-)	(-)	(-)	(-)
Md	D	D	D	D	(-)	(-)	(-)	(-)	(-)
DC	D	D	D	D	(-)	(-)	(-)	(-)	(-)
VA	0.3	D	2.4	3.6	0.4	1.5	1.6	275.0	6.7
W Va	1.2	1.4	1.9	2.4	1.4	1.2	1.1	-14.3	-8.3
NC	0.7	1.2	1.1	3.1	.8	.7	1.4	-12.5	100.0
SC	D	D	1.0	1.2	(-)	0.6	0.5	(-)	16.7
Ga	5.2	7.1	10.5	14.2	6.2	6.4	6.3	3.2	-1.6
Fla	0.1	0.3	0.6	1.3	.1	.4	.6	300.0	50.0
ESC:									
Ky	1.6	1.9	3.4	4.4	1.9	2.1	1.9	10.5	-9.5
Tenn	D	D	1.1	1.3	(-)	0.7	0.6	(-)	-14.3
Ala	D	1.1	1.7	2.2	(-)	1.0	1.0	(-)	.0
Miss	1.4	2.4	3.2	4.8	1.7	2.0	2.1	17.6	5.0
WSC:									
Ark	0.8	3.1	5.6	8.0	1.0	3.4	3.5	240.0	2.9
La	8.6	11.7	19.8	31.4	10.2	12.1	13.9	18.6	14.9
Okla	21.7	28.5	47.4	69.4	25.8	29.1	30.8	12.8	5.8
Tex	58.4	73.4	104.3	168.2	69.6	64.0	74.5	-8.0	16.4
MT:									
Mont	1.4	1.6	D	D	1.7	(-)	(-)	(-)	(-)
Idaho	D	D	D	D	(-)	(-)	(-)	(-)	(-)
Wyo	3.8	4.2	6.8	11.5	4.5	4.2	5.1	-6.7	21.4
Colo	D	2.8	D	D	(-)	(-)	(-)	(-)	(-)
N Mex	D	D	D	D	(-)	(-)	(-)	(-)	(-)
Ariz	D	D	D	D	(-)	(-)	(-)	(-)	(-)
Utah	D	D	1.8	2.9	(-)	1.1	1.3	(-)	18.2
Nev	D	D	0.4	0.6	(-)	0.2	0.3	(-)	50.0
PAC:									
Wash	0.5	1.0	1.7	2.3	.6	1.0	1.0	66.7	.0
Oreg	D	D	0.4	0.5	(-)	0.2	0.2	(-)	.0
Calif	4.2	6.3	11.4	26.1	5.0	7.0	11.6	40.0	65.7
Alaska	0.2	0.0	5.5	54.7	0.2	3.4	24.2	1,600.0	611.8
Hawaii	D	D	D	D	(-)	(-)	(-)	(-)	(-)

SIC 46: PIPELINE TRANSPORTATION (cont'd.)

Employment				Real Wage and Salary Earnings per Employee (1972 dollars; thousands)			% Change in Real Earnings per Employee		U.S.
1967	1972	1977	1980	1967	1977	1980	1967- 1977	1977- 1980	
18,000	17,000	18,000	21,000	\$11.3	\$12.8	\$13.0	13.3%	1.6%	
D	D	111	D	(-)	(-)	(-)	(-)	(-)	NE:
D	D	D	D	(-)	(-)	(-)	(-)	(-)	Maine
D	D	D	D	(-)	(-)	(-)	(-)	(-)	NH
D	D	D	D	(-)	(-)	(-)	(-)	(-)	Vt
D	D	D	D	(-)	(-)	(-)	(-)	(-)	Mass
D	D	D	D	(-)	(-)	(-)	(-)	(-)	RI
D	D	D	D	(-)	(-)	(-)	(-)	(-)	Conn
172	157	112	117	13.4	13.4	12.0	.0	-10.4	MA:
141	129	152	138	12.1	13.2	13.0	9.1	-1.5	NY
836	716	752	709	11.1	12.8	12.1	15.3	-5.5	NJ
772	697	687	700	11.1	12.4	12.1	11.7	-2.4	Pa
183	273	438	450	10.9	12.1	11.8	11.0	-2.5	ENC:
1,066	1,050	1,130	1,100	10.9	12.7	11.6	16.5	-8.7	Ohio
189	119	244	246	11.1	13.1	12.2	18.0	-6.9	Ind
111	157	144	154	11.7	12.5	12.3	6.8	-1.6	Ill
267	251	249	220	11.2	12.0	11.4	7.1	-5.0	Mich
191	190	231	185	9.9	11.3	10.8	14.1	-4.4	Wis
492	294	273	274	11.8	13.2	10.9	11.9	-17.4	WNC:
54	40	D	143	11.1	(-)	11.2	(-)	(-)	Minn
54	49	D	D	11.1	(-)	(-)	(-)	(-)	Iowa
146	119	171	D	9.6	12.3	(-)	28.1	(-)	Mo
1,035	900	1,719	2,006	10.9	11.6	12.9	6.4	11.2	N Dak
D	D	D	D	(-)	(-)	(-)	(-)	(-)	S Dak
D	D	D	D	(-)	(-)	(-)	(-)	(-)	Nebr
D	D	D	D	(-)	(-)	(-)	(-)	(-)	Kans
29	D	124	119	13.8	12.1	13.4	-12.3	10.7	SA:
199	163	129	135	7.0	9.3	8.1	32.9	-12.9	Del
79	100	52	114	10.1	13.5	12.3	33.7	-8.9	Md
D	D	63	55	(-)	9.5	9.1	(-)	-4.2	DC
467	463	433	474	13.3	14.8	13.3	11.3	-10.1	VA
13	27	34	59	7.7	11.8	10.2	53.2	-13.6	W Va
196	160	176	168	9.7	11.9	11.3	22.7	-5.0	NC
D	D	50	45	(-)	14.0	13.3	(-)	-5.0	SC
D	D	90	92	(-)	11.1	10.9	(-)	-1.8	Ga
154	185	158	177	11.0	12.7	11.9	15.5	-6.3	Fla
94	275	308	319	10.6	11.0	11.0	3.8	.0	ESC:
897	897	959	1,122	11.4	12.6	12.4	10.5	-1.6	Ky
2,324	2,261	2,319	2,662	11.1	12.5	11.6	12.6	-7.2	Tenn
5,944	5,383	4,872	5,534	11.7	13.1	13.5	12.0	3.1	Ala
153	136	D	D	11.1	(-)	(-)	(-)	(-)	Miss
D	D	D	D	(-)	(-)	(-)	(-)	(-)	WSC:
405	322	325	404	11.1	12.9	12.6	16.2	-2.3	Ark
D	175	D	D	(-)	(-)	(-)	(-)	(-)	La
D	D	D	D	(-)	(-)	(-)	(-)	(-)	Okla
D	D	D	D	(-)	(-)	(-)	(-)	(-)	Tex
D	D	D	D	(-)	(-)	(-)	(-)	(-)	MT:
D	D	90	103	(-)	12.2	12.6	(-)	3.3	Mont
D	D	21	22	(-)	9.5	13.6	(-)	43.2	Idaho
53	68	80	86	11.3	12.5	11.6	10.6	-7.2	Wyo
D	D	19	19	(-)	10.5	10.5	(-)	.0	Colo
424	441	508	837	11.8	13.8	13.9	16.9	.7	N Mex
D	D	95	1,136	(-)	35.8	21.3	(-)	-40.5	Ariz
D	D	D	D	(-)	(-)	(-)	(-)	(-)	Utah
									Nev
									PAC:
									Wash
									Oreg
									Calif
									Alaska
									Hawaii

Source: U.S. Department of Commerce, Bureau of Economic Analysis, Regional Economic Information System, Annual Employment and Personal Income for States, 1967-1980.

SIC 47: TRANSPORTATION SERVICES

	Wage and Salary Earnings (Current dollars; millions)				Real Wage and Salary Earnings (1972 dollars; millions)			Percent Change in Real Earnings	
	1967	1972	1977	1980	1967	1977	1980	1967- 1977	1977- 1980
U.S.	\$793.0	\$1,181.0	\$2,606.0	\$4,004.0	\$944.5	\$1,598.3	\$1,774.2	69.2%	11.0%
NE:									
Maine	0.9	1.5	3.5	5.0	1.1	2.1	2.2	90.9	4.8
NH	0.5	0.9	3.4	6.1	.6	2.1	2.7	250.0	28.6
Vt	0.8	0.8	1.9	4.4	1.0	1.2	1.9	20.0	58.3
Mass	19.1	33.3	58.3	90.9	22.7	35.8	40.3	57.7	12.6
RI	1.9	3.3	5.5	7.4	2.3	3.4	3.3	47.8	-2.9
Conn	5.6	15.3	38.8	73.1	6.7	23.8	32.4	255.2	36.1
MA:									
NY	226.4	297.2	485.9	686.5	269.6	298.0	304.2	10.5	2.1
NJ	19.1	57.6	107.4	139.2	22.7	65.9	61.7	190.3	-6.4
Pa	29.4	43.0	96.0	138.3	35.0	58.9	61.3	68.3	4.1
ENC:									
Ohio	20.7	32.8	75.0	110.8	24.7	46.0	49.1	86.2	6.7
Ind	8.5	11.9	41.4	60.4	10.1	25.4	26.8	151.5	5.5
Ill	71.8	97.2	187.0	286.4	85.5	114.7	126.9	34.2	10.6
Mich	19.6	29.6	75.5	93.2	23.3	46.3	41.3	98.7	-10.8
Wis	7.8	9.5	35.9	53.0	9.3	22.0	23.5	136.6	6.8
WNC:									
Minn	7.5	12.8	47.3	66.6	8.9	29.0	29.5	225.8	1.7
Iowa	3.4	5.5	16.8	25.9	4.0	10.3	11.5	157.5	11.7
Mo	20.8	26.0	59.1	80.6	24.8	36.2	35.7	46.0	-1.4
N Dak	1.0	1.2	3.9	5.7	1.2	2.4	2.5	100.0	4.2
S Dak	0.9	1.2	3.0	5.5	1.1	1.8	2.4	63.6	33.3
Nebr	4.5	4.6	9.1	33.5	5.4	5.6	14.8	3.7	164.3
Kans	3.5	5.9	28.4	44.3	4.2	17.4	19.6	314.3	12.6
SA:									
Del	1.0	1.4	D	4.5	1.2	(-)	2.0	(-)	(-)
Md	9.7	14.5	39.0	61.7	11.6	23.9	27.3	106.0	14.2
DC	23.2	29.2	D	45.9	27.6	(-)	20.3	(-)	(-)
VA	6.8	D	30.3	49.3	8.1	18.6	21.8	129.6	17.2
W Va	0.9	1.5	4.4	5.8	1.1	2.7	2.6	145.5	-3.7
NC	4.3	8.2	20.2	31.2	5.1	12.4	13.8	143.1	11.3
SC	D	D	9.8	18.6	(-)	6.0	8.2	(-)	36.7
Ga	9.2	13.2	36.0	59.6	11.0	22.1	26.4	100.9	19.5
Fla	13.0	37.2	107.6	187.0	15.5	66.0	82.9	325.8	25.6
ESC:									
Ky	5.4	8.5	14.5	23.0	6.4	8.9	10.2	39.1	14.6
Tenn	D	8.3	26.1	41.1	(-)	16.0	18.2	(-)	13.8
Ala	D	6.6	14.5	19.5	(-)	8.9	8.6	(-)	-3.4
Miss	0.6	1.7	7.4	11.3	.7	4.5	5.0	542.9	11.1
WSC:									
Ark	0.9	2.0	9.6	16.4	1.1	5.9	7.3	436.4	23.7
La	20.0	22.0	53.8	81.1	23.8	33.0	35.9	38.7	8.8
Okla	D	5.0	D	30.7	(-)	(-)	13.6	(-)	(-)
Tex	28.4	44.2	167.4	299.8	33.8	102.7	132.8	203.8	29.3
MT:									
Mont	0.7	1.2	D	D	0.8	(-)	(-)	(-)	(-)
Idaho	0.4	0.8	D	D	0.5	(-)	(-)	(-)	(-)
Wyo	0.4	0.3	3.0	4.5	.5	1.8	2.0	260.0	11.1
Colo	D	5.5	23.1	42.3	(-)	14.2	18.7	(-)	31.7
N Mex	D	D	D	9.2	(-)	(-)	4.1	(-)	(-)
Ariz	1.8	D	D	32.2	2.1	(-)	14.3	(-)	(-)
Utah	D	3.3	9.4	13.1	(-)	5.8	5.8	(-)	0.0
Nev	0.3	D	9.5	11.9	0.4	5.8	5.3	1,350.0	-8.6
PAC:									
Wash	15.8	24.3	62.7	110.4	18.8	38.5	48.9	104.8	27.0
Oreg	6.4	D	32.5	52.7	7.6	19.9	23.4	161.8	17.6
Calif	139.8	189.4	409.0	643.5	166.5	250.8	285.1	50.6	13.7
Alaska	0.4	1.7	9.6	12.6	.5	5.9	5.6	1,080.0	-5.1
Hawaii	7.4	14.8	38.9	52.1	8.8	23.9	23.1	171.6	-3.3

SIC 47: TRANSPORTATION SERVICES (cont'd.)

Employment				Real Wage and Salary Earnings per Employee (1972 dollars; thousands)			% Change in Real Earnings per Employee		
1967	1972	1977	1980	1967	1977	1980	1967- 1977	1977- 1980	
105,000	119,000	158,000	204,000	\$9.0	\$10.1	\$8.7	12.2%	-13.9%	U.S.
105	165	267	341	10.5	7.9	6.5	-24.8	-17.7	NE:
104	101	239	365	5.8	8.8	7.4	51.7	-15.9	Maine
73	86	127	262	13.7	9.4	7.3	-31.4	-22.3	NH
4,225	4,491	4,149	5,453	5.4	8.6	7.4	59.3	-14.0	Vt
274	371	497	524	8.4	6.8	6.3	-19.0	-7.4	Mass
705	1,499	2,559	3,762	9.5	9.3	8.6	-2.1	-7.5	RI
									Conn
26,560	26,897	29,378	32,561	10.2	10.1	9.3	-1.0	-7.9	MA:
2,856	5,698	6,603	7,251	7.9	10.0	8.5	26.6	-15.0	NY
4,060	4,591	6,402	7,979	8.6	9.2	7.7	7.0	-16.3	NJ
									Pa
2,924	3,422	4,160	5,400	8.4	11.1	9.1	32.1	-18.0	ENC:
1,020	1,026	1,541	2,039	9.9	16.5	13.1	66.7	-20.6	Ohio
8,790	9,224	11,140	14,232	9.7	10.3	8.9	6.2	-13.6	Ind
2,701	2,887	4,668	4,849	8.6	9.9	8.5	15.1	-14.1	Ill
1,027	955	1,657	2,308	9.1	13.3	10.2	46.2	-23.3	Mich
									Wis
947	1,349	2,607	3,255	9.4	11.1	9.1	18.1	-18.0	WNC:
479	565	899	1,184	8.4	11.5	9.7	36.9	-15.7	Minn
3,001	2,556	2,796	3,332	8.3	12.9	10.7	55.4	-17.1	Iowa
120	121	171	246	10.0	14.0	10.2	40.0	-27.1	Mo
143	125	186	160	7.7	9.7	15.0	26.0	54.6	N Dak
770	629	450	1,398	7.0	12.4	10.6	77.1	-14.5	S Dak
498	633	1,575	2,146	8.4	11.0	9.1	31.0	-17.3	Nebr
									Kans
146	179	D	238	8.2	(-)	8.4	(-)	(-)	SA:
1,251	1,377	2,680	3,233	9.3	8.9	8.4	-4.3	-5.6	Del
2,821	3,096	D	2,354	9.8	(-)	8.6	(-)	(-)	Md
998	D	2,115	2,967	8.1	8.8	7.3	8.4	16.5	DC
79	164	203	213	13.9	13.3	12.2	-4.3	-8.3	VA
670	942	1,128	1,485	7.6	11.0	9.3	44.7	-15.5	W Va
D	D	510	1,073	(-)	11.8	7.6	(-)	-35.0	NC
1,698	1,464	2,400	3,394	6.5	9.2	7.8	41.5	-15.2	SC
2,074	4,201	8,417	11,625	7.5	7.8	7.1	4.0	-9.0	Ga
									Fla
1,584	1,471	720	1,105	4.0	12.4	9.2	210.0	-25.8	ESC:
D	832	1,230	1,658	(-)	13.0	11.0	(-)	-15.6	Ky
D	D	882	944	(-)	10.1	9.1	(-)	-9.7	Tenn
62	183	346	523	11.3	13.0	9.6	15.0	-26.2	Ala
									Miss
136	244	310	461	8.1	19.0	15.8	134.6	-16.8	WSC:
3,319	2,498	2,902	3,531	7.2	11.4	10.2	58.3	-10.5	Ark
D	547	D	1,201	(-)	(-)	11.3	(-)	(-)	La
4,480	5,077	9,273	14,133	7.5	11.1	9.4	48.0	-15.3	Okla
									Tex
90	134	D	D	8.9	(-)	(-)	(-)	(-)	MT:
51	10	D	D	9.8	(-)	(-)	(-)	(-)	Mont
40	37	124	183	12.5	14.5	10.9	16.0	-24.8	Idaho
D	640	1,667	2,516	(-)	8.5	7.4	(-)	-12.7	Wyo
D	D	D	338	(-)	(-)	12.1	(-)	(-)	Colo
334	D	D	2,051	6.3	(-)	7.0	(-)	(-)	N Mex
D	451	651	742	(-)	8.9	7.8	(-)	-12.3	Ariz
51	D	690	889	7.8	8.4	6.0	7.2	-29.1	Utah
									Nev
2,096	2,648	4,038	5,611	9.0	9.5	8.7	5.6	-8.4	PAC:
809	D	1,576	2,550	9.4	12.6	9.2	34.4	-27.3	Wash
16,414	18,501	25,023	34,619	10.1	10.0	8.2	-1.0	-18.0	Oreg
32	144	401	495	15.6	14.7	11.3	-5.8	-23.1	Calif
1,401	2,058	3,793	4,078	6.3	6.3	5.7	.0	-9.5	Alaska
									Hawaii

Source: U.S. Department of Commerce, Bureau of Economic Analysis, Regional Economic Information System, Annual Employment and Personal Income for States, 1967-1980.

SIC 48: COMMUNICATION

	Wage and Salary Earnings (Current dollars; millions)				Real Wage and Salary Earnings (1972 dollars; millions)			Percent Change in Real Earnings	
	1967	1972	1977	1980	1967	1977	1980	1967- 1977	1977- 1980
U.S.	\$7,762.0	\$14,141.0	\$23,769.0	\$34,902.0	\$9,244.5	\$14,577.5	\$15,465.1	57.7%	6.1%
NE:									
Maine	29.8	55.8	93.5	119.4	35.5	57.3	52.9	61.4	-7.7
NH	24.8	51.6	88.6	131.3	29.5	54.3	58.2	84.1	7.2
Vt	14.0	28.3	45.1	62.9	16.7	27.7	27.9	65.9	.7
Mass	245.7	492.4	750.7	1,030.8	292.6	460.4	456.7	57.3	-.8
RI	29.8	52.2	67.6	98.5	35.5	41.5	43.6	16.9	5.1
Conn	116.6	205.1	326.7	460.9	138.9	200.4	204.2	44.3	1.9
MA:									
NY	1,168.5	2,144.4	2,943.4	4,042.6	1,391.7	1,805.2	1,791.3	29.7	-.8
NJ	256.3	517.3	1,046.1	1,609.1	305.3	641.6	713.0	110.2	11.1
Pa	397.9	685.7	1,065.1	1,435.5	473.9	653.2	636.1	37.8	-2.6
ENC:									
Ohio	348.0	636.0	1,007.1	1,384.9	414.5	617.7	613.6	49.0	-.7
Ind	156.9	265.3	433.6	605.5	186.9	265.9	268.3	42.3	.9
Ill	471.6	791.6	1,235.0	1,681.9	561.7	757.4	745.2	34.8	-1.6
Mich	299.2	492.8	803.6	1,166.7	356.3	492.8	517.0	38.3	4.9
Wis	122.9	215.8	340.6	479.6	146.4	208.9	212.5	42.7	1.7
WNC:									
Minn	113.0	194.6	334.3	486.8	134.6	205.0	215.7	52.3	5.2
Iowa	82.9	133.4	228.8	324.0	98.7	140.3	143.6	42.1	2.4
Mo	175.9	308.0	527.8	814.7	209.5	323.7	361.0	54.5	11.5
N Dak	21.3	35.1	62.1	91.8	25.4	38.1	40.7	50.0	6.8
S Dak	19.1	30.3	54.1	75.6	22.7	33.2	33.5	46.3	.9
Nebr	63.0	106.7	198.1	301.8	75.0	121.5	133.7	62.0	10.0
Kans	60.8	105.5	197.6	307.3	72.4	121.2	136.2	67.4	12.4
SA:									
Del	16.3	26.7	44.8	57.5	19.4	27.5	25.5	41.8	-7.3
Md	131.6	241.2	401.4	578.3	156.7	246.2	256.2	57.1	4.1
DC	121.0	196.6	318.1	418.9	144.1	195.1	185.6	35.4	-4.9
VA	139.2	269.9	476.9	732.6	165.8	292.5	324.6	76.4	11.0
W Va	52.4	93.7	151.1	218.0	62.4	92.7	96.6	48.6	4.2
NC	126.3	254.7	435.0	648.9	150.4	266.8	287.5	77.4	7.8
SC	58.2	113.0	215.4	326.6	69.3	132.1	144.7	90.6	9.5
Ga	161.7	311.7	569.1	903.7	192.6	349.0	400.4	81.2	14.7
Fla	230.2	578.7	1,070.1	1,712.0	274.2	656.3	758.6	139.4	15.6
ESC:									
Ky	72.9	134.3	260.6	371.5	86.8	159.8	164.6	84.1	3.0
Tenn	108.5	197.0	361.9	517.9	129.2	222.0	229.5	71.8	3.4
Ala	85.9	173.1	351.0	506.7	102.3	215.3	224.5	110.5	4.3
Miss	47.8	94.2	178.8	253.8	56.9	109.7	112.5	92.8	2.6
WSC:									
Ark	40.9	76.6	163.6	241.8	48.7	100.3	107.1	106.0	6.8
La	100.9	188.1	371.7	545.9	120.2	228.0	241.9	89.7	6.1
Okla	72.7	131.9	251.3	398.5	86.6	154.1	176.6	77.9	14.6
Tex	328.3	626.3	1,312.1	1,873.2	391.0	804.7	830.0	105.8	3.1
MT:									
Mont	25.9	38.9	82.4	122.1	30.8	50.5	54.1	64.0	7.1
Idaho	22.0	36.6	78.5	118.3	26.2	48.1	52.4	83.6	8.9
Wyo	12.1	21.9	51.2	86.1	14.4	31.4	38.2	118.1	21.7
Colo	92.7	192.0	366.3	610.0	110.4	224.7	270.3	103.5	20.3
N Mex	32.9	58.4	108.3	173.7	39.2	66.4	77.0	69.4	16.0
Ariz	56.6	121.4	222.5	371.5	67.4	136.5	164.6	102.5	20.6
Utah	33.8	57.3	112.5	185.8	40.3	69.0	82.3	71.2	19.3
Nev	28.3	57.5	103.6	172.6	33.7	63.5	76.5	88.4	20.5
PAC:									
Wash	130.7	219.5	398.4	665.4	155.7	244.3	294.8	56.9	20.7
Oreg	81.3	141.7	248.9	390.9	96.8	152.7	173.2	57.7	13.4
Calif	1,072.6	1,798.7	2,955.3	4,615.8	1,277.5	1,812.5	2,045.3	41.9	12.8
Alaska	27.9	51.4	128.2	185.6	33.2	78.6	82.2	136.7	4.6
Hawaii	33.6	90.2	127.3	186.8	40.0	78.1	82.8	95.3	6.0

SIC 48: COMMUNICATION (cont'd.)

Employment				Real Wage and Salary Earnings per Employee (1972 dollars; thousands)			% Change in Real Earnings per Employee		
1967	1972	1977	1980	1967	1977	1980	1967- 1977	1977- 1980	
967,000	1,144,000	1,190,000	1,355,000	\$9.6	\$12.3	\$11.4	28.1%	-7.3%	U.S.
4,143	4,991	5,096	5,107	8.6	11.2	10.4	30.2	-7.1	NE:
3,318	4,508	4,602	5,057	8.9	11.8	11.5	32.6	-2.5	Maine
1,961	2,574	2,515	2,610	8.5	11.0	10.7	29.4	-2.7	NH
40,102	35,241	34,999	37,275	7.3	13.2	12.3	80.8	-6.8	Vt
3,820	4,365	3,348	3,663	9.3	12.4	11.9	33.3	-4.0	Mass
14,067	16,061	15,496	17,830	9.9	12.9	11.5	30.3	-10.9	RI
									Conn
123,032	142,650	125,727	134,070	11.3	14.4	13.4	27.4	-6.9	MA:
31,673	40,829	44,658	53,747	9.6	14.4	13.3	50.0	-7.6	NY
49,156	53,474	53,051	54,738	9.6	12.3	11.6	28.1	-5.7	NJ
									Pa
44,095	52,557	51,098	54,548	9.4	12.1	11.2	28.7	-7.4	ENC:
20,983	23,506	23,677	26,162	8.9	11.2	10.3	25.8	-8.0	Ohio
55,323	61,204	58,414	62,632	10.2	13.0	11.9	27.5	-8.5	Ind
34,697	38,677	39,731	43,812	10.3	12.4	11.8	20.4	-4.8	Ill
16,578	18,972	18,765	20,137	8.8	11.1	10.6	26.1	-4.5	Mich
									Wis
15,248	17,018	18,395	20,283	8.8	11.1	10.6	26.1	-4.5	WNC:
11,882	12,516	13,127	14,399	8.3	10.7	10.0	28.9	-6.5	Minn
22,717	25,563	26,484	32,225	9.2	12.2	11.2	32.6	-8.2	Iowa
2,851	3,116	3,432	3,943	8.9	11.1	10.3	24.7	-7.2	Mo
2,713	2,814	3,094	3,347	8.4	10.7	10.0	27.4	-6.5	N Dak
8,589	9,559	11,045	12,862	8.7	11.0	10.4	26.4	-5.5	S Dak
8,746	9,597	10,879	12,994	8.3	11.1	10.5	33.7	-5.4	Nebr
									Kans
2,066	2,218	2,350	2,292	9.4	11.7	11.1	24.5	-5.1	SA:
16,228	19,402	19,642	21,994	9.7	12.5	11.6	28.9	-7.2	Del
12,273	13,423	12,747	12,780	11.7	15.3	14.5	30.8	-5.2	Md
18,844	23,442	25,314	30,681	8.8	11.6	10.6	31.8	-8.6	DC
7,216	8,119	8,267	9,526	8.6	11.2	10.1	30.2	-9.8	VA
18,992	24,596	25,467	29,217	7.9	10.5	9.8	32.9	-6.7	W Va
8,870	10,945	12,562	14,524	7.8	10.5	10.0	34.6	-4.8	NC
22,411	28,360	29,629	35,957	8.6	11.8	11.1	37.2	-5.9	SC
32,790	52,075	57,152	69,392	8.4	11.5	10.9	36.9	-5.2	Ga
									Fla
10,541	12,504	14,699	16,457	8.2	10.9	10.0	32.9	-8.3	ESC:
15,615	18,630	20,966	23,352	8.3	10.6	9.8	27.7	-7.5	Ky
12,557	15,637	19,135	21,378	8.1	11.3	10.5	39.5	-7.1	Tenn
7,015	9,105	10,413	11,438	8.1	10.5	9.8	29.6	-6.7	Ala
									Miss
6,191	7,483	9,511	10,719	7.9	10.5	10.0	32.9	-4.8	WSC:
14,308	16,924	20,362	22,816	8.4	11.2	10.6	33.3	-5.4	Ark
10,322	11,689	13,946	16,926	8.4	11.0	10.4	31.0	-5.5	La
45,484	55,637	71,027	83,658	8.6	11.3	9.9	31.4	-12.4	Okla
									Tex
3,461	3,454	4,433	5,199	8.9	11.4	10.4	28.1	-8.8	MT:
3,127	3,457	4,096	5,257	8.4	11.7	10.0	39.3	-14.5	Mont
1,702	2,058	2,868	3,670	8.5	10.9	10.4	28.2	-4.6	Idaho
11,770	16,005	18,255	22,928	9.4	12.3	11.8	30.9	-4.1	Wyo
4,647	5,495	6,130	7,504	8.4	10.8	10.3	28.6	-4.6	Colo
7,619	10,496	11,687	14,354	8.8	11.7	11.5	33.0	-1.7	N Mex
4,727	5,155	6,149	7,552	8.5	11.2	10.9	31.8	-2.7	Ariz
3,523	4,826	5,610	7,211	9.6	11.3	10.6	17.7	-6.2	Utah
									Nev
16,068	17,958	20,509	26,588	9.7	11.9	11.1	22.7	-6.7	PAC:
10,469	12,170	12,478	16,263	9.2	12.2	10.6	32.6	-13.1	Wash
126,896	138,994	145,477	172,533	10.1	12.5	11.9	23.8	-4.8	Oreg
1,723	2,688	3,711	4,398	19.3	21.2	18.7	9.8	-11.8	Calif
3,761	7,053	6,515	6,995	10.6	12.0	11.8	13.2	-1.7	Alaska
									Hawaii

Source: U.S. Department of Commerce, Bureau of Economic Analysis, Regional Economic Information System, Annual Employment and Personal Income for States, 1967-1980.

SIC 49: ELECTRIC, GAS, AND SANITARY SERVICES

	Wage and Salary Earnings (Current dollars; millions)				Real Wage and Salary Earnings (1972 dollars; millions)			Percent Change in Real Earnings	
	1967	1972	1977	1980	1967	1977	1980	1967- 1977	1977- 1980
U.S.	\$5,945.0	\$9,327.0	\$14,831.0	\$21,308.0	\$7,080.5	\$9,095.9	\$9,441.6	28.5%	3.8%
NE:									
Maine	22.3	36.3	50.1	69.0	26.6	30.7	30.6	15.4	- .3
NH	19.6	31.6	45.7	70.9	23.3	28.0	31.4	20.2	12.1
Vt	10.4	18.1	26.7	37.5	12.4	16.4	16.6	32.3	1.2
Mass	178.7	269.6	374.5	499.1	212.8	229.7	221.2	7.9	-3.7
RI	29.0	39.7	47.8	59.1	34.5	29.3	26.2	-15.1	-10.6
Conn	95.0	154.2	216.3	296.1	113.1	132.7	131.2	17.3	-1.1
MA:									
NY	544.7	813.7	1,247.4	1,622.9	648.7	765.0	719.1	17.9	-6.0
NJ	241.6	371.8	514.7	699.9	287.7	315.7	310.1	9.7	-1.8
Pa	452.9	695.1	1,040.2	1,321.8	539.4	638.0	585.7	18.3	-8.2
ENC:									
Ohio	315.7	492.4	747.0	1,021.7	376.0	458.1	452.7	21.8	-1.2
Ind	162.8	254.4	404.1	567.3	193.9	247.8	251.4	27.8	1.5
Ill	372.1	596.6	857.3	1,110.7	443.2	525.8	492.2	18.6	-6.4
Mich	308.8	482.6	701.0	1,006.0	367.8	429.9	445.8	16.9	3.7
Wis	131.5	193.3	298.4	426.9	156.6	183.0	189.2	16.9	3.4
WNC:									
Minn	120.4	180.8	283.7	408.5	143.4	174.0	181.0	21.3	4.0
Iowa	84.2	121.7	218.6	268.8	100.3	134.1	119.1	33.7	-11.2
Mo	168.9	247.7	381.6	539.6	201.2	234.0	239.1	16.3	2.2
N Dak	19.9	32.6	57.9	110.8	23.7	35.5	49.1	49.8	38.3
S Dak	19.6	28.5	42.2	61.0	23.3	25.9	27.0	11.2	4.2
Nebr	28.9	42.0	65.3	102.0	34.4	40.0	45.2	16.3	13.0
Kans	74.3	109.2	176.5	259.5	88.5	108.2	115.0	22.3	6.3
SA:									
Del	16.9	32.6	D	D	20.1	(-)	(-)	(-)	(-)
Md	104.8	166.4	255.6	357.8	124.8	156.8	158.5	25.6	1.1
DC	50.7	57.7	D	D	60.4	(-)	(-)	(-)	(-)
VA	83.8	144.9	246.3	363.3	99.8	151.1	161.0	51.4	6.6
W Va	89.4	131.2	205.0	290.5	106.5	125.7	128.7	18.0	2.4
NC	88.5	174.9	340.0	530.1	105.4	208.5	234.9	97.8	12.7
SC	43.8	100.6	173.8	313.3	52.2	106.6	138.8	104.2	30.2
Ga	104.9	177.0	339.1	515.6	124.9	208.0	228.5	66.5	9.9
Fla	140.5	273.5	463.6	707.7	167.3	284.3	313.6	69.9	10.3
ESC:									
Ky	79.7	138.0	213.4	317.7	94.9	130.9	140.8	37.9	7.6
Tenn	29.4	48.4	73.5	100.5	35.0	45.1	44.5	28.9	-1.3
Ala	80.0	137.1	237.8	376.5	95.3	145.8	166.8	53.0	14.4
Miss	51.5	79.3	129.3	192.7	61.3	79.3	85.4	29.4	7.7
WSC:									
Ark	51.0	73.7	127.4	189.1	60.7	78.1	83.8	28.7	7.3
La	113.8	166.0	256.1	433.9	135.5	157.1	192.3	15.9	22.4
Okla	80.7	120.0	221.9	315.8	96.1	136.1	139.9	41.6	2.8
Tex	362.0	575.7	1,052.7	1,701.9	431.1	645.6	754.1	49.8	16.8
MT:									
Mont	22.9	34.3	61.7	101.9	27.3	37.8	45.2	38.5	19.6
Idaho	22.7	31.8	55.2	82.6	27.0	33.9	36.6	25.6	8.0
Wyo	15.1	25.9	52.9	96.3	18.0	32.4	42.7	80.0	31.8
Colo	69.3	120.2	206.5	323.5	82.5	126.6	143.3	53.5	13.2
N Mex	45.0	69.3	140.7	221.3	53.6	86.3	98.1	61.0	13.7
Ariz	62.1	115.1	212.6	347.2	74.0	130.4	153.8	76.2	17.9
Utah	28.4	42.4	96.1	164.5	33.8	58.9	72.9	74.3	23.8
Nev	17.9	31.8	59.4	103.4	21.3	36.4	45.8	70.9	25.8
PAC:									
Wash	48.6	74.3	122.2	192.8	57.9	74.9	85.4	29.4	14.0
Oreg	65.9	95.6	157.3	246.9	78.5	96.5	109.4	22.9	13.4
Calif	542.5	849.6	1,307.4	1,854.7	646.1	801.8	821.8	24.1	2.5
Alaska	9.8	19.1	40.9	55.8	11.7	25.1	24.7	114.5	-1.6
Hawaii	22.3	35.8	50.4	69.0	26.6	30.9	30.6	16.2	-1.0

SIC 49: ELECTRIC, GAS, AND SANITARY SERVICES (cont'd.)

Employment				Real Wage and Salary Earnings per Employee (1972 dollars; thousands)			% Change in Real Earnings per Employee		
1967	1972	1977	1980	1967	1977	1980	1967- 1977	1977- 1980	
646,000	716,000	749,000	826,000	\$11.0	\$12.1	\$11.4	10.0%	-5.8%	U.S.
2,963	3,194	3,150	3,293	9.0	9.7	9.3	7.8	-4.1	NE:
2,299	2,590	2,546	3,028	10.1	11.0	10.4	8.9	-5.5	Maine
1,357	1,553	1,573	1,597	9.1	10.4	10.4	14.3	.0	NH
19,569	18,110	18,356	18,691	10.9	12.5	11.8	14.7	-5.6	Vt
3,213	3,152	2,703	2,622	10.7	10.8	10.0	.9	-7.4	Mass
9,754	10,816	10,869	11,147	11.6	12.2	11.8	5.2	-3.3	RI
									Conn
55,666	55,310	56,211	57,704	11.7	13.6	12.5	16.2	-8.1	MA:
24,741	26,211	24,900	25,582	11.6	12.7	12.1	9.5	-4.7	NY
47,288	50,525	49,386	48,184	11.4	12.9	12.2	13.2	-5.4	NJ
									Pa
34,028	37,787	36,179	40,302	11.0	12.7	11.2	15.5	-11.8	ENC:
17,967	20,809	21,726	23,229	10.8	11.4	10.8	5.6	-5.3	Ohio
35,200	37,870	37,923	39,724	12.6	13.9	12.4	10.3	-10.8	Ind
30,138	33,778	33,448	36,136	12.2	12.9	12.3	5.7	-4.7	Ill
13,570	14,662	15,098	16,571	11.5	12.1	11.4	5.2	-5.8	Mich
									Wis
12,310	12,985	13,420	14,223	11.6	13.0	12.7	12.1	-2.3	WNC:
9,085	9,411	11,469	10,578	11.0	11.7	11.3	6.4	-3.4	Minn
17,778	18,363	19,031	20,762	11.3	12.3	11.5	8.8	-6.5	Iowa
2,308	2,396	3,036	3,922	10.3	11.7	12.5	13.6	6.8	Mo
2,343	2,300	2,352	2,447	9.9	11.0	11.0	11.1	.0	N Dak
3,459	3,510	3,556	4,127	9.9	11.2	11.0	13.1	-1.8	S Dak
9,411	9,742	10,164	11,257	9.4	10.6	10.2	12.8	-3.8	Nebr
									Kans
1,862	2,432	D	D	10.8	(-)	(-)	(-)	(-)	SA:
11,638	13,252	12,731	13,569	10.7	12.3	11.7	15.0	-4.9	Del
5,825	4,645	D	D	10.4	(-)	(-)	(-)	(-)	Md
10,290	12,624	14,328	16,292	9.7	10.5	9.9	8.2	-5.7	DC
11,351	11,646	11,573	12,722	9.4	10.9	10.1	16.0	-7.3	VA
11,136	15,268	19,711	23,428	9.5	10.6	10.0	11.6	-5.7	W Va
5,653	9,137	9,838	13,840	9.2	10.8	10.0	17.4	-7.4	NC
12,654	15,112	18,081	20,336	9.9	11.5	11.2	16.2	-2.6	SC
15,821	21,458	23,790	27,069	10.6	12.0	11.6	13.2	-3.3	Ga
									Fla
9,635	11,658	12,152	13,459	9.8	10.8	10.5	10.2	-2.8	ESC:
3,232	3,832	3,933	4,201	10.8	11.5	10.6	6.5	-7.8	Ky
8,848	10,943	12,624	15,776	10.8	11.5	10.6	6.5	-7.8	Tenn
6,093	7,053	7,412	8,453	10.1	10.7	10.1	5.9	-5.6	Ala
									Miss
6,771	7,054	7,836	8,958	9.0	10.0	9.4	11.1	-6.0	WSC:
13,575	14,477	14,710	17,480	10.0	10.7	11.0	7.0	2.8	Ark
10,256	10,976	11,862	13,149	9.4	11.5	10.6	22.3	-7.8	La
44,055	50,649	57,228	69,268	9.8	11.3	10.9	15.3	-3.5	Okla
									Tex
2,699	2,910	3,299	4,111	10.1	11.5	11.0	13.9	-4.3	MT:
2,690	2,680	3,080	3,483	10.0	11.0	10.5	10.0	-4.5	Mont
1,549	1,928	2,552	3,229	11.6	12.7	13.2	9.5	3.9	Idaho
7,759	9,418	10,685	12,399	10.6	11.8	11.6	11.3	-1.7	Wyo
5,581	6,009	7,338	8,777	9.6	11.8	11.2	22.9	-5.1	Colo
7,105	8,888	10,875	13,237	10.4	12.0	11.6	15.4	-3.3	N Mex
3,333	3,624	5,211	6,519	10.1	11.3	11.2	11.9	-.9	Ariz
1,916	2,324	2,940	4,038	11.1	12.4	11.3	11.7	-8.9	Utah
									Nev
5,242	5,730	6,163	7,298	11.0	12.2	11.7	10.9	-4.1	PAC:
6,534	6,695	6,855	7,940	12.0	14.1	13.8	17.5	-2.1	Wash
56,374	63,641	63,904	70,030	11.5	12.5	11.7	8.7	-6.4	Oreg
696	931	1,283	1,354	16.8	19.6	18.2	16.7	-7.1	Calif
2,433	2,522	2,497	2,567	10.9	12.4	11.9	13.8	-4.0	Alaska
									Hawaii

Source: U.S. Department of Commerce, Bureau of Economic Analysis, Regional Economic Information System, Annual Employment and Personal Income for States, 1967-1980.

Notes

This report was prepared for the Bureau of Business Research, School of Management, University of Minnesota, by John S. Adams, Professor of Geography and Public Affairs, University of Minnesota, and by James D. Fitzsimmons and Hee-yeon Lee, both of the Department of Geography, University of Minnesota. Assisting were Barbara J. VanDrasek and Gregory Chu, also of the Department of Geography, University of Minnesota.

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The report is part of an ongoing project being carried out under the supervision of an advisory committee. Members of the advisory committee are:

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