



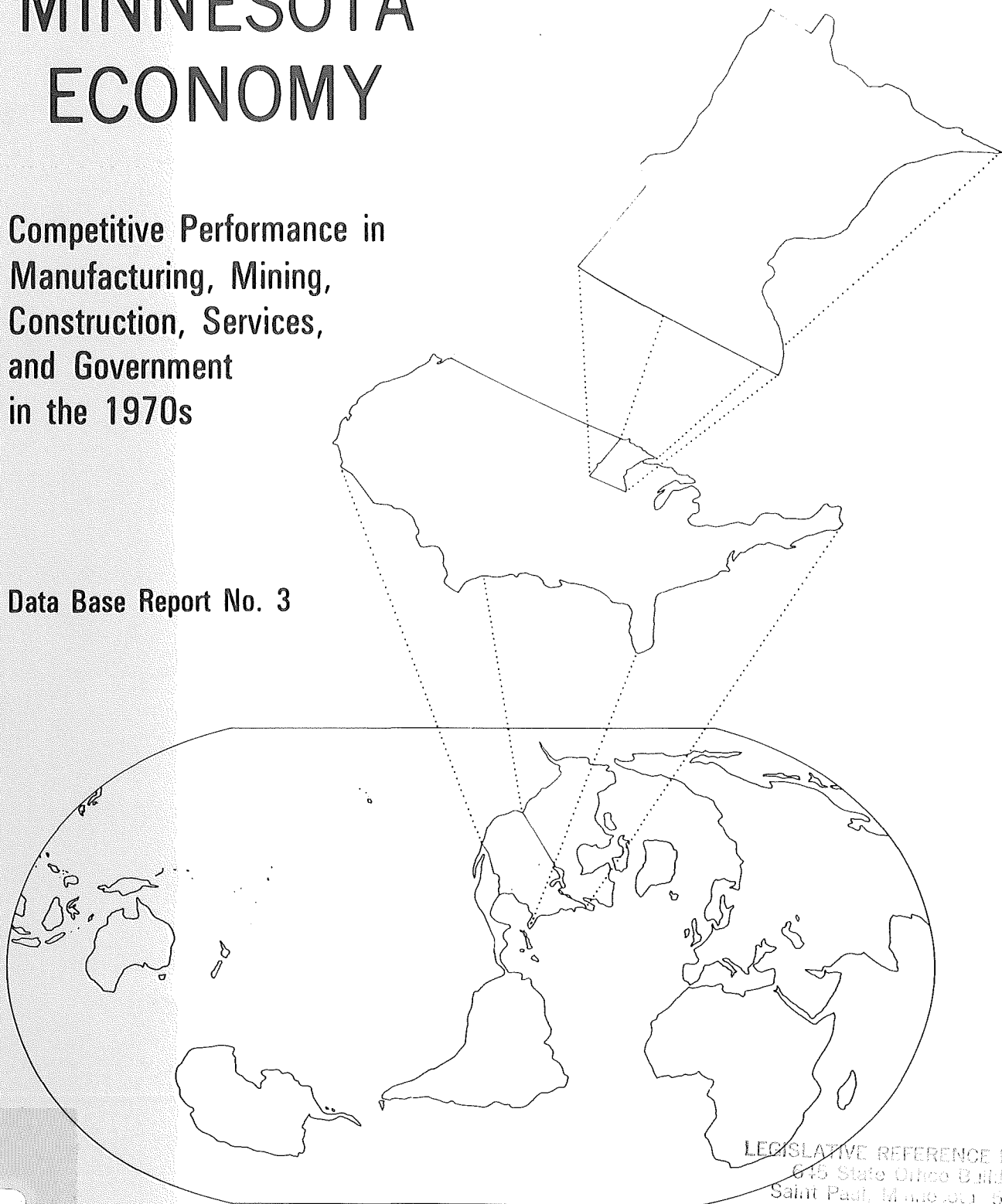
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MINNESOTA ECONOMY

**Competitive Performance in
Manufacturing, Mining,
Construction, Services,
and Government
in the 1970s**

Data Base Report No. 3



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ty of Minnesota — Twin Cities, with financial assistance provided by the Minnesota Business Partnership and the
for Urban and Regional Affairs.

July, 1982

The Minnesota Economy

Competitive Performance in Manufacturing, Mining,
Construction, Services, and Government in the 1970s

Data Base Report #3

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July, 1982

Foreword

This is the third in a series of semi-annual reports on the health and performance of the Minnesota economy. The next report will examine Minnesota's changing occupational structure, 1970-1980, and will provide detailed data on and analysis of Agriculture and Agricultural Services; Transportation, Communications, and Utilities; and Finance, Insurance, and Real Estate. The series is a response to a set of questions posed by the Minnesota Business Partnership (MBP). Staff at the University of Minnesota prepare the reports. 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 to
- provide a starting point for economic analysis that is acceptable to business, labor, and government.

Financial support for this 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.

The Minnesota Economy: Competitive Performance in Manufacturing, Mining, Construction, Services, and Government in the 1970s

Executive Summary

The Minnesota economy has moved through three distinct periods since the late 1960s.

- The late 1960s and early 1970s were years of economic exuberance, real economic advance, and increases in real product per employee.
- The middle 1970s brought real economic decline to broad sectors of the economy. The rampant inflation of the times perpetrated an illusion of real growth and prosperity when in many industries real output was down, real product per employee was down, and major companies unwittingly began to liquidate themselves by paying dividends from capital.
- A third period began at the end of the 1970s. The economy has been in real recession for over two years. Widespread economic pessimism feeds on itself.

This report focuses primarily on the first two periods, examining the performance records of Minnesota's manufacturing, mining, construction, service, and state and local government sectors between 1967 and 1977.

The Ranking of Each Minnesota Manufacturing Industry among 50 State (and D.C.) Competitors

Based on levels of employment, payroll, and value added, four Minnesota manufacturing industries accounted for disproportionately high shares of their national industries in 1967 and improved or roughly maintained their positions during the following decade:

- Printing and Publishing (SIC 27);*
- Food and Kindred Products (SIC 20);

*The "SIC" codes shown here (and throughout the report) refer to the Standard Industrial Classification System, as published by the U.S. Office of Management and Budget, 1977.

- Machinery, except Electrical (SIC 35); and
- Instruments (SIC 38).

Three industries started the decade with modest shares and rankings against nationwide competitors, but then improved:

- Lumber and Wood Products (SIC 24);
- Stone, Clay and Glass Products (SIC 32); and
- Fabricated Metals (SIC 34).

Some other manufacturing industries that were under-represented in Minnesota in 1967 given the population of the state competed well and rose in ranking against their competitors in other states (Furniture and Fixtures, Petroleum and Coal Products, and Leather Products), while yet another three industries under-represented in Minnesota merely maintained their modest ranks (Textiles, Electrical and Electronic Products, and Miscellaneous Manufactures).

Minnesota's Paper and Allied Products industry (SIC 26) ranked the state 11th in the nation in 1972 but then stumbled so that the state's ranking fell to 19th by 1977. Minnesota's Apparel, Chemical, Rubber, Primary Metal, and Transport Equipment industries had less prominence nationally than the paper industry, but they also slipped in ranking during the decade.

Manufacturing Activity in Minnesota Compared with Activity in Other States, Industry by Industry

One perspective on the importance of a Minnesota industry is gained by comparing its size to the sizes of its counterparts in other states and to the size of that industry nationwide. We have just seen an overview of the results from such comparisons. Another perspective on the importance of a Minnesota industry is gained by comparing its size with the size of the

Minnesota economy as a whole; and once a quantitative measure of this attribute is devised, it is also possible to rank the states so that it can be determined whether the food manufacturing industry, for example, is more or less important to Minnesota than to another state.

Adopting this second perspective on Minnesota's manufacturing industries in the 1967-77 decade we find that of the seven industries of special significance to the state in 1967, three rose in their rankings in the next ten years (Printing and Publishing; Fabricated Metals; and Machinery, except Electrical), two declined slightly (Food and Kindred Products and Instruments), and two showed substantial drops in rank (Paper and Allied Products and Miscellaneous). Two other industries that were not of special significance in 1967 had climbed strongly in rank by 1977 (Lumber and Wood Products and Stone, Clay, and Glass Products).

The remaining ten manufacturing industries were all of less importance to the state's economy in 1967 than those just listed. Of these ten, two -- Furniture and Fixtures and Leather Goods -- rose in their ranking in the next ten years. Petroleum and Coal Products, Electrical and Electronic Equipment, and Primary Metals did not change much in rank. The last five all slipped noticeably in their rankings during the 1967-77 period (Textiles, Apparel, Chemicals, Rubber and Plastics, and Transportation Equipment).

The strength of any state's manufacturing economy would be enhanced by its being heavily involved in a range of industries rather than in only one or a few. Minnesota fared well in this regard in the late 1960s and 1970s as several industries held important roles in its manufacturing economy (especially Food; Paper; Printing and Publishing; Machinery, except Electrical; Instruments; and later also Lumber and Wood; Stone, Clay, and Glass; and Fabricated Metals). It is also to a state's advantage if the

industries on which it depends heavily are steady and improving in rank -- and they were in Minnesota's case, except for Paper and Allied Products and Miscellaneous.

Mining

In Metal Mining (SIC 10), real value added per employee rose 44 percent nationwide between 1967 and 1972. (Minnesota's change in real value added per employee was unavailable from census sources for those five years.) In the 1972-77 period the nation's figure dropped 35 percent, whereas Minnesota's dropped by 14 percent.

In Nonmetallic Minerals, except Fuels (SIC 14), real value added per employee rose 34 percent nationwide (39 percent in Minnesota) between 1967 and 1972, but dropped 30 percent (only 1 percent in Minnesota) in the 1972-77 period.

Construction

Only 15 states exceeded Minnesota's value added in construction by General Building Contractors (SIC 15) in 1977. In Heavy Construction (SIC 16), seven northeastern states plus four more Sun Belt states exceeded Minnesota's value added of \$679 million (1972 dollars) in 1977. This rate of construction was out of proportion for a state of Minnesota's size and could not have been maintained. The state's economy and population were not expanding correspondingly.

Only five states had increases in real value added per employee in Heavy Construction in the 1972-77 period, and Minnesota was not among them.

Selected Services

Two Minnesota Selected Service industries (Personal Services, SIC 72; and Miscellaneous Repair Services, SIC 76) consistently bettered their

national counterparts in growth of real receipts in the 1970s. The others either did better in early years and worse later (Hotels, etc., SIC 701, 703; Business Services, SIC 73; and Amusements, SIC 78, 79) or the reverse (Auto Repair, SIC 75). Between 1972 and 1977 the average real product per employee dropped sharply in every Selected Service industry, in Minnesota and in the U.S.

Government

Only nine states and the District of Columbia had higher levels of state and local government revenues per capita than Minnesota in 1977. But while Minnesota revenue levels were high, the state's increase of 5 percent between 1972 and 1977 was close to the national average of 4 percent. Rates of increase higher than Minnesota's occurred in 21 states and the District of Columbia; three more states were tied with Minnesota.

There were 493 state and local government employees per 10,000 population in Minnesota in 1977, almost equal to the U.S. average of 490. Both nationwide and in Minnesota education accounts for about half the state and local government employment, followed by hospital-health, public safety, and administration.

The Minnesota Economy: Competitive Performance in Manufacturing,
Mining, Construction, Services, and Government in the 1970s

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Part 1

Patterns of Competitive Performance and of
Dominance in Minnesota Manufacturing, 1967-1977

Introduction

Minnesota's basic industries export their wares to other parts of the U.S. and the world. Payment for those exports supports (1) the purchase of imports and (2) local service industries. Most of the state's main export industries are included in the agriculture, forestry, mining, manufacturing, and transportation sectors.

How strong are Minnesota's basic industries? Have they been able to hang onto their shares of national industries? Can they maintain their positions against the competition? The first part of this report tries to answer these questions for Minnesota's manufacturing industries and their performances during the decade from 1967 to 1977.

The competitive position of Minnesota's manufacturing sector vis-à-vis the manufacturing sectors of other states and the District of Columbia is the weighted average of the positions of Minnesota's individual manufacturing industries. The strong industries help compensate for the weak. If the strongest industries are also the biggest, then manufacturing in the state can remain relatively robust. But if areas of strength are concentrated in only a few industries, then there may be areas of potential vulnerability that we should know about.

Assessing Minnesota's manufacturing strength is a relative matter. How much manufacturing is there in Minnesota compared to what we might expect to find here? Minnesota is an average-sized state in terms of population. We therefore might expect each industry to have an average representation, or 1/51 of the U.S. total (reflecting the fact that there are 50 states, plus Washington, D.C.).

There are several possible measures of the magnitude of activity in each manufacturing industry in the state. Most frequently used (probably because they are easiest to compile) are employment, payrolls, and value added.

Magnitude Ratings for Each Manufacturing Industry

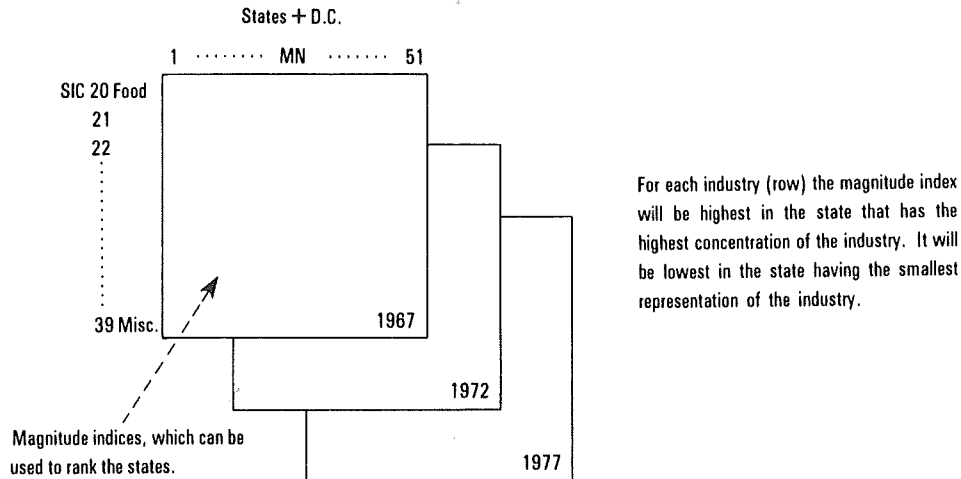
We can calculate a magnitude rating for each of the 19 Standard Industrial Classification (SIC) two-digit manufacturing industries in Minnesota as follows, using Food and Kindred Products (SIC 20) as an example:

$$\begin{array}{l} \text{Employment mag-} \\ \text{nitude rating} \\ \text{for Food} \\ \text{and Kindred} \\ \text{Products (SIC} \\ \text{20) in Minnesota,} \\ \text{1967} \end{array} = \frac{\text{Number of employees in SIC 20 in Minnesota, 1967}}{(1/51) \times \text{all employees in SIC 20 in the U.S., 1967}} \times 100$$

If the magnitude rating is 100, Minnesota has 1/51 of the U.S. total employment in SIC 20. If it is 110, Minnesota has 10 percent more than an average share, and since Minnesota is roughly an average-sized state, the industry would presumably be exporting a surplus. If the magnitude rating is 85, Minnesota would be shown as having 15 percent less employment in this industry than would be expected for an average-sized state.

Using this procedure and employment data for 1967, we did, in fact, calculate a magnitude rating for each of Minnesota's two-digit SIC manufacturing industries. The same procedure was applied, in turn, to 1967 payroll data and to 1967 value added data. We then calculated for each industry the arithmetic average of its three magnitude ratings, producing magnitude indices for all of the state's two-digit manufacturing industries. Finally, we repeated the entire procedure for each of the other

states, and for the census years 1972 and 1977. The result was a set of three tables as follows:



Ranking the states according to their magnitude indices (across the rows) permits convenient evaluation of Minnesota's performance relative to the rest of the states' performances by industry and year. Minnesota's rank in an industry could theoretically range from 1 (no other state had a greater magnitude index) to 51 (every other state and D.C. led Minnesota in its magnitude index for that industry). When the ranking is carried out for two or more census dates, the state's competitive performance is revealed in a way that takes account of relative changes in levels of activity state to state, within each industry.

As useful as the rankings are, however, the index values themselves are also indispensable to an understanding of the overall competitive scene, reflecting the fact that the two sets of measures are somewhat independent. The usefulness of having both rankings and indices is illustrated by the 1967-1977 records of the top producing states in the food manufacturing industry (SIC 20), where there were instances of substantial upward and

downward movements in index values but no changes in rank (Table 1.1). And it is equally possible for a state's rank to change while its index remains stable. Accordingly, we will use both rankings and magnitude index values in the following examination of Minnesota's competitive positions in the two-digit manufacturing industries at the times of the last three economic censuses, 1967, 1972, and 1977 (Table 1.2).

Table 1.1--Magnitude Indices for Food Manufacturing (SIC 20), 1967 and 1977

State Rank	1967		1977	
	State	Magnitude Index	State	Magnitude Index
1	CA	539	CA	578
2	IL	426	IL	392
3	NY	367	NY	305
4	PA	326	PA	275
5	OH	248	OH	275
6	TX	227	TX	238
7	NJ	214	NJ	208
8	WI	178	WI	176
9	MI	170	MI	170
10	IA	163	IA	165
11	MO	155	MO	145
12	MN	152	MN	141
Total		3,165		3,068

Sources: U.S. Department of Commerce, Bureau of the Census, Census of Manufactures, 1967 and 1977; and authors' calculations.

A. Four Minnesota industries started the period with high magnitude indices in 1967, and improved or roughly maintained their positions in the following decade:

- Printing and Publishing (magnitude index in 1967, 1972 and 1977, respectively: 110, 106, 131) began well positioned and improved in index and rank.
- Food (152, 145, 141); Machinery except Electrical (152, 155, 156); and Instruments (116, 109, 120) began with strong magnitude indices and more or less maintained those indices and their magnitude rankings.

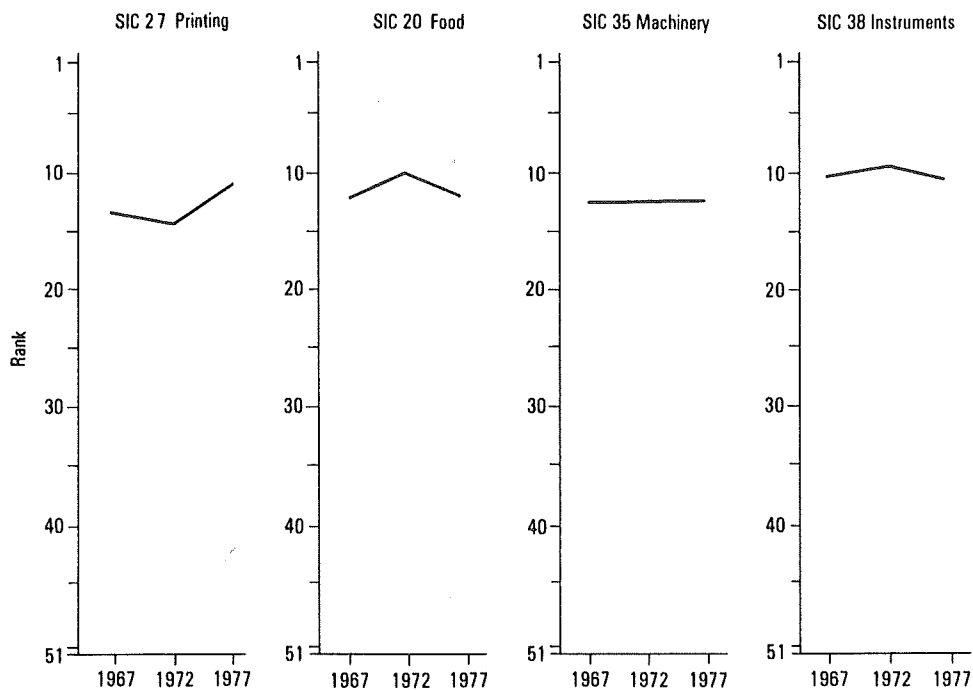
Table 1.2--Magnitude Indices for Minnesota Manufacturing Industries: 1967-1977

SIC	Industry	1967		1972		1977		Change in Rank		
		Mag. Index	MN Rank	Mag. Index	MN Rank	Mag. Index	MN Rank	1967 to 1972	1972 to 1977	1967 to 1977
20	Food	152*	12**	145	10	141	12	2	-2	0
21	Tobacco	-	-	-	-	-	-	-	-	-
22	Textiles	14	24	12	25	13	25	-1	0	-1
23	Apparel	32	24	25	27	23	29	-3	-2	-5
24	Lumber, Wood	65	26	71	24	102	17	2	7	9
25	Furniture, Fixtures	44	25	48	25	49	23	0	2	2
26	Paper	159	12	167	11	115	19	1	-8	-7
27	Printing, Publishing	110	13	106	14	131	11	-1	3	2
28	Chemicals	40	26	39	28	34	30	-2	-2	-4
29	Petroleum, Coal	54	16	62	15	61	14	1	1	2
30	Rubber, Plastics	59	20	60	23	69	22	-3	1	-2
31	Leather	28	26	52	22	62	21	4	1	5
32	Stone, Clay	56	26	57	27	111	14	-1	13	12
33	Primary Metals	27	23	30	28	30	29	-5	-1	-6
34	Fabricated Metals	69	15	115	14	99	14	1	0	1
35	Machinery, exc. Elec.	152	12	155	12	156	12	0	0	0
36	Electrical Machinery	69	19	56	22	86	19	-3	3	0
37	Transport Equipment	23	27	27	26	21	31	1	-5	-4
38	Instruments	116	10	109	9	120	10	1	-1	0
39	Miscellaneous	85	14	98	15	85	15	-1	0	-1
Total Gains:								13	31	33
Total Losses:								-20	-21	-30

*Magnitude index above 100 means that Minnesota has more than an average share (i.e., 1/51) of the employment/payrolls/value added of that industry. See text for further explanation.

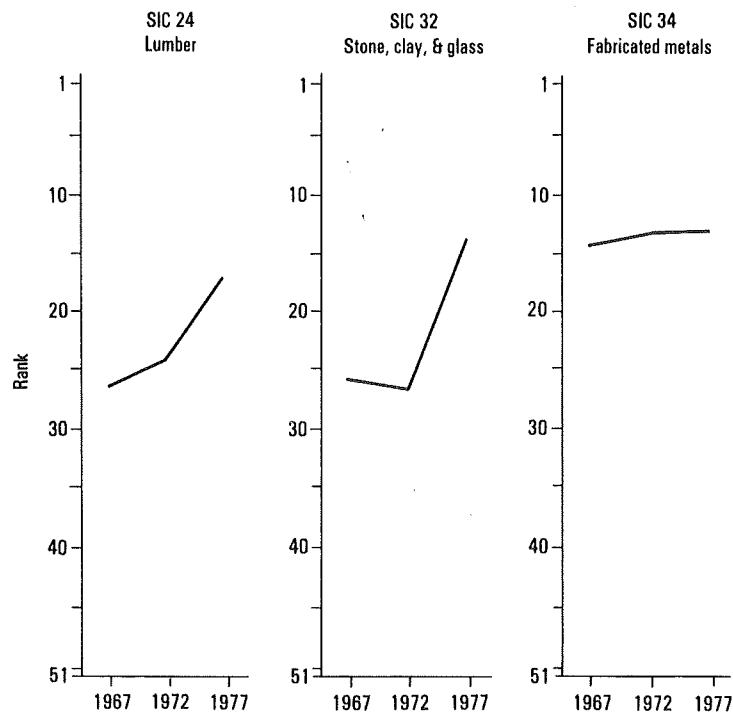
**States are ranked from high index to low, so in the case of SIC 20 there are 11 states with higher magnitude indices than Minnesota's.

Sources: U.S. Department of Commerce, Bureau of the Census, Census of Manufactures, 1967, 1972, and 1977; and authors' calculations.



B. Three industries had modest magnitude indices and lower ranks in 1967, but raised their indices and their ranks in later years:

- Lumber and Wood Products (65, 71, 102); Stone, Clay, and Glass Products (56, 57, 111); and Fabricated Metal Products (69, 115, 99).



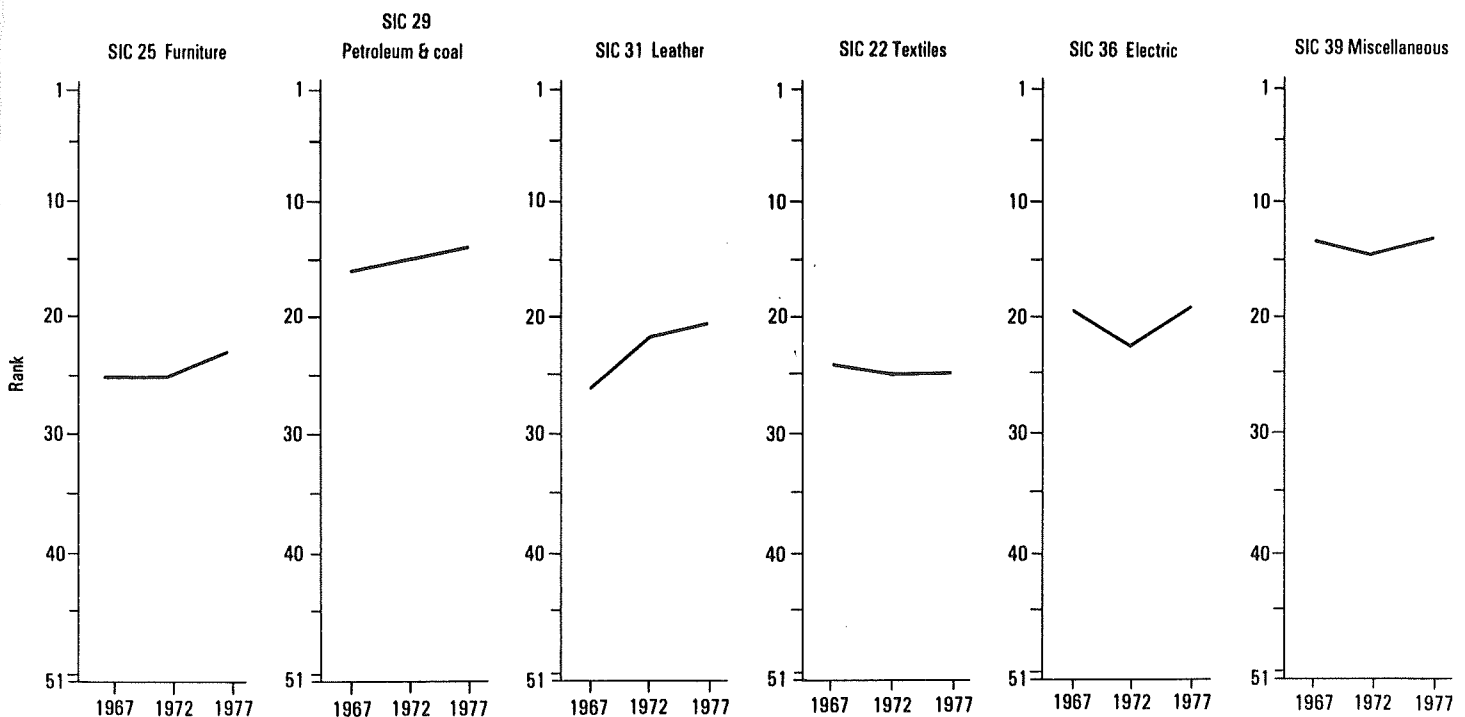
C. Six Minnesota industries had magnitude indices that remained below 100 between 1967 and 1977 while the ranks held or improved. Three of these industries showed improvement in rank over time:

- Furniture and Fixtures (44, 48, 49); Petroleum and Coal Products (54, 62, 61); and Leather (28, 52, 62).

Meanwhile, three others merely maintained their ranks:

- Textiles (14, 12, 13); Electrical and Electronic Equipment (69, 56, 86); and Miscellaneous (85, 98, 85).

These six industries are generally less important according to the magnitude indices than would appear to be the case from the rankings; the industries are highly concentrated geographically at the national scale so that even though their Minnesota magnitude indices give them fairly high ranks, the indices themselves are well below 100. (That is, far below 1/51 of the total U.S. activity in these industries occurs in Minnesota.)

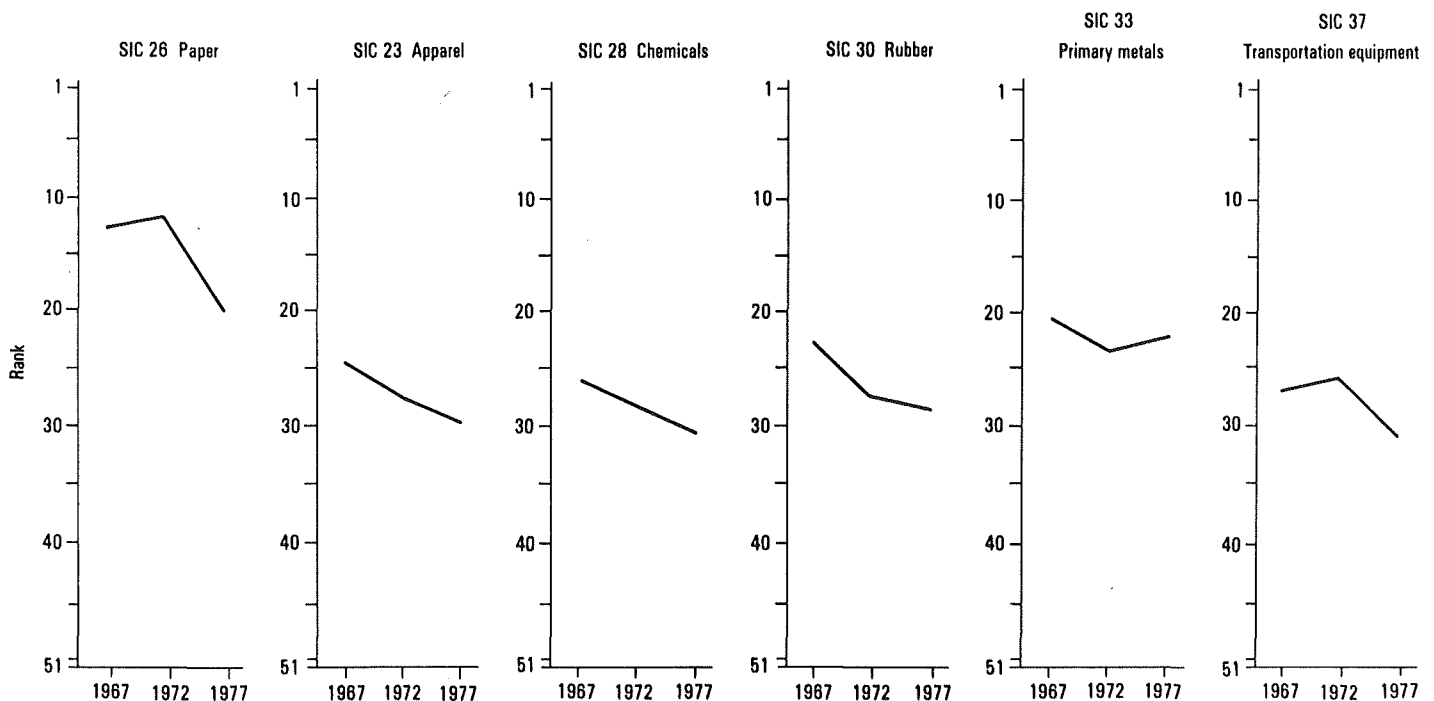


D. One important industry had an impressive magnitude index in 1967 but slipped to a much lower index and lower rank in the following decade:

- Paper (159, 167, 115).

Five other industries had low magnitude indices at the outset; they had mixed index performances over the following decade but all dropped in rank:

- Apparel (32, 25, 23); Chemicals (40, 39, 34); Rubber and Plastics (59, 60, 69); Primary Metals (27, 30, 30); and Transportation Equipment (23, 27, 21).



To summarize, it appears that, with the exception of Paper and Allied Products (SIC 26), Minnesota's strong (i.e., high-rank) industries in 1967 increased or roughly maintained their shares of their national industries (in terms of magnitude indices through time) and in doing so held their own against competition from other states in terms of rank. Three smaller industries started to come up strongly: Lumber and Wood Products (SIC 24); Stone, Clay, and Glass Products (SIC 32); and Fabricated Metal Products (SIC 34). The other smaller industries (lower magnitude industries) had

mixed results: some gained in rank or maintained their positions (Group C above), while some slipped badly (Group D).

Intensity Ratings and an Intensity Index

Each manufacturing industry in Minnesota represents a certain share of all manufacturing activity in the state. The same comparison can be made at the national level: each U.S. manufacturing industry represents a specific share of the entire U.S. manufacturing sector. If manufacturing activity is measured by employment, the two shares (i.e., the nation's and the state's) for a particular industry can be compared in the following fashion so as to provide a Minnesota intensity rating (using SIC 20 as an example):

$$I_1 = \begin{array}{l} \text{Intensity} \\ \text{rating for} \\ \text{Food and} \\ \text{Kindred Prod-} \\ \text{ucts (SIC 20)} \\ \text{in Minnesota,} \\ \text{1967} \end{array} = \frac{\left[\frac{\text{Employees in SIC 20 in MN in 1967}}{\text{All Manufacturing Employees in MN, 1967}} \right]}{\left[\frac{\text{Employees in SIC 20 in U.S. in 1967}}{\text{All Manufacturing Employees in U.S., 1967}} \right]} \times 100$$

If the employment intensity rating produced by this equation is 100, then food manufacturing in Minnesota has the same share of Minnesota manufacturing employment as does food manufacturing nationally. If the rating is 110, food manufacturing is relatively more important locally -- in the Minnesota manufacturing picture -- than it is nationally. Manufacturing industries that are relatively less important in the Minnesota picture than they are in the national picture will have intensity ratings under 100. If Minnesota's manufacturing sector were a scale model of the U.S. manufacturing sector, then every manufacturing industry in Minnesota would have an intensity rating of 100. But Minnesota specialties show up in intensity ratings higher than 100, and the specialties are balanced by industries that are under-represented or unrepresented in the state.

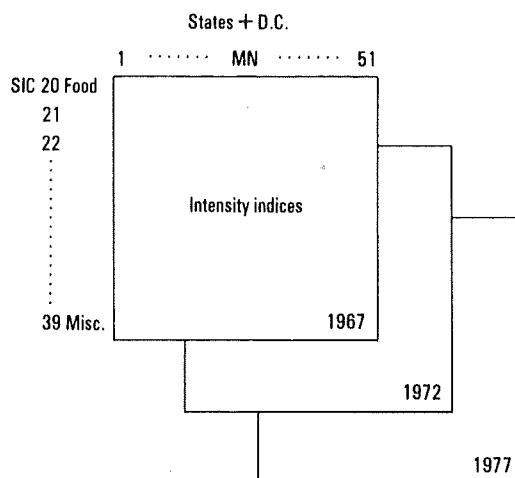
Intensity ratings for each industry can also be calculated for payrolls and value added. Using Food and Kindred Products (SIC 20) again as an example, the payroll intensity rating for Minnesota is calculated as follows for 1967:

$$I_2 = \frac{\text{SIC 20 payroll per capita in Minnesota, 1967}}{\text{SIC 20 payroll per capita in the U.S., 1967}} = \frac{\left[\frac{\text{Payroll in SIC 20 in MN, 1967}}{\text{Population of MN, 1967}} \right]}{\left[\frac{\text{Payroll in SIC 20 in U.S., 1967}}{\text{Population of U.S., 1967}} \right]} \times 100$$

And the third intensity rating considers value added per capita:

$$I_3 = \frac{\text{SIC 20 value added per capita in Minnesota, 1967}}{\text{SIC 20 value added per capita in U.S., 1967}} = \frac{\left[\frac{\text{Value added by SIC 20, in MN 1967}}{\text{Population of Minnesota, 1967}} \right]}{\left[\frac{\text{Value added by SIC 20 in U.S., 1967}}{\text{Population of U.S., 1967}} \right]} \times 100$$

If Minnesota is relatively intensively involved in food manufacturing per capita compared to the rest of the country, the intensity ratings for this industry will exceed 100. The three ratings can be averaged to yield an intensity index for each state for each census year. When this was done for all manufacturing industries we had a set of three tables, just as we had for the magnitude index:



By ranking within the rows of the tables we can assess the significance of each industry in Minnesota compared with its significance in other states.

To summarize, the magnitude index is a measure of a state's national importance in an industry. The state's ranking reports the position of the state in terms of the competition with other states in developing and hanging onto a share of that industry. A state can gain in rank, maintain its rank, or lose in rank.

The intensity index is a measure of each industry's relative significance to a state's economy. The intensity indices for Minnesota's manufacturing industries can be compared to determine the relative impact of each industry on the state's economy; the importance of an industry to the economy of the state of Minnesota is somewhat independent of the success of that industry in its struggle with competitor states.

Intensity indices can also be compared across states to get a view of state manufacturing profiles. In 1967 there were six manufacturing industries whose intensity indices showed that they were more important in the Minnesota economy than they were in the average state: Food; Paper; Printing and Publishing; Machinery except Electrical; Instruments, and

Miscellaneous. By 1977, these had been joined by Lumber and Wood; Stone, Clay, and Glass; and Fabricated Metals, but Miscellaneous had faded somewhat (Table 1.3).

Minnesota's manufacturing industries fell into four groups in terms of their intensity indices and changes in state rankings over the decade.

A. Of five industries with high intensity indices, three improved their ranks and two dropped slightly in their ranks.

- Printing and Publishing (132, 118, 145); Fabricated Metal Products (80, 127, 110); and Machinery except Electrical (180, 173, 171) rose in rank.
- Food (177, 159, 156) and Instruments (136, 128, 130) both dropped slightly in rank.

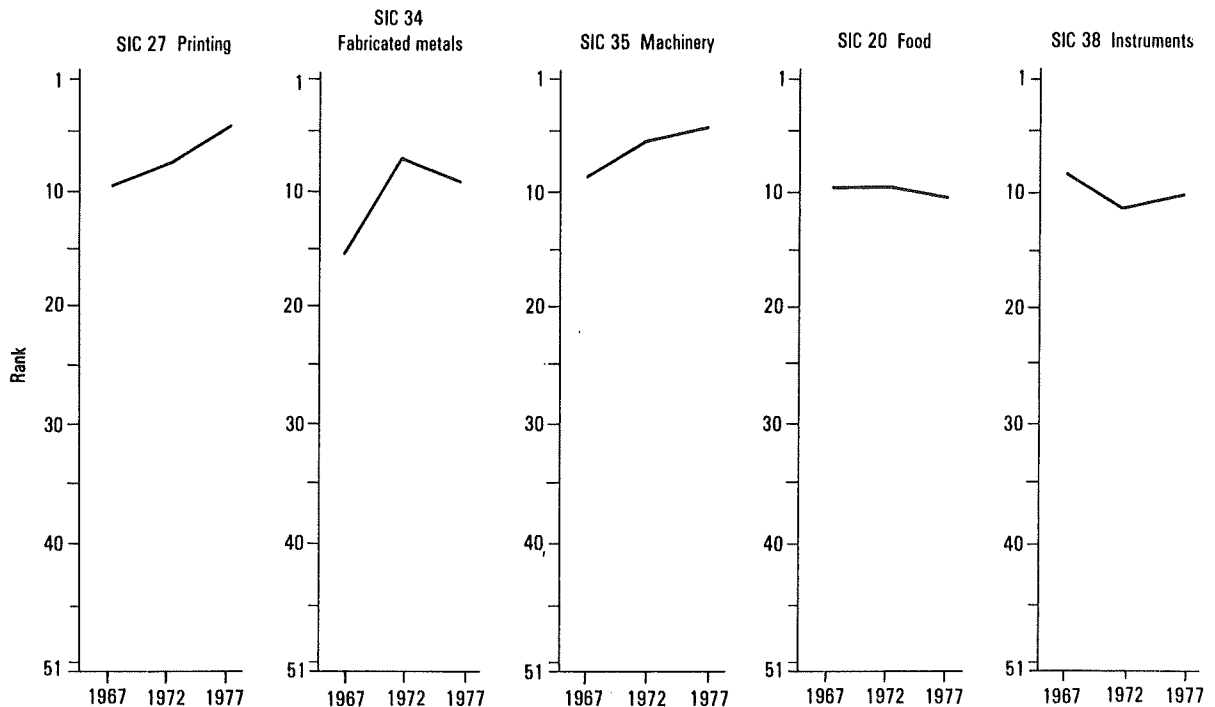


Table 1.3--Intensity Indices for Minnesota Manufacturing Industries: 1967-1977

SIC	Industry	1967		1972		1977		Change in Rank		
		Int. Index	MN Rank	Int. Index	MN Rank	Int. Index	MN Rank	1967 to 1972	1972 to 1977	1967 to 1977
20	Food	177*	9**	159	9	156	10	0	-1	-1
21	Tobacco	-	-	-	-	-	-	-	-	-
22	Textiles	16	26	13	28	15	31	-2	-3	-5
23	Apparel	38	33	38	38	26	39	-5	-1	-6
24	Lumber, Wood	72	28	80	29	111	21	-1	8	7
25	Furniture, Fixtures	49	33	55	30	53	30	3	0	3
26	Paper	186	6	184	7	123	16	-1	-9	-10
27	Printing, Publishing	132	9	118	7	145	4	2	3	5
28	Chemicals	48	35	44	33	40	37	2	-4	-2
29	Petroleum, Coal	65	21	67	22	65	22	-1	0	-1
30	Rubber, Plastics	67	25	69	29	82	28	-4	1	-3
31	Leather	32	27	70	21	61	22	6	-1	5
32	Stone, Clay	67	42	64	44	118	15	-2	29	27
33	Primary Metals	33	35	36	37	36	37	-2	0	-2
34	Fabricated Metals	80	15	127	7	110	9	8	-2	6
35	Machinery, exc. Elec.	180	8	173	5	171	4	3	1	4
36	Electrical Machinery	81	19	65	28	96	19	-9	9	0
37	Transport Equipment	29	34	33	34	26	39	0	-5	-5
38	Instruments	136	8	128	11	130	10	-3	1	-2
39	Miscellaneous	106	8	117	10	95	15	-2	-5	-7
Total Gains:								24	52	57
Total Losses:								-32	-31	-44

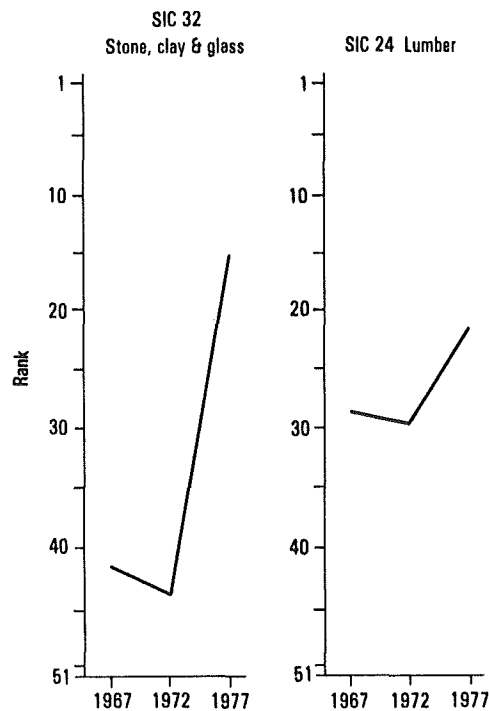
*An index value over 100 means that the industry is more important to the state's manufacturing economy than it is to the nation's. See text for further explanation.

**Indices are ranked from high value to low, so in 1967 there were eight state economies with- in which the food manufacturing industry was relatively more significant among manufacturing industries than it was in the Minnesota economy.

Sources: U.S. Department of Commerce, Bureau of the Census, U.S. Census of Manufactures, 1967, 1972, and 1977; and authors' calculations.

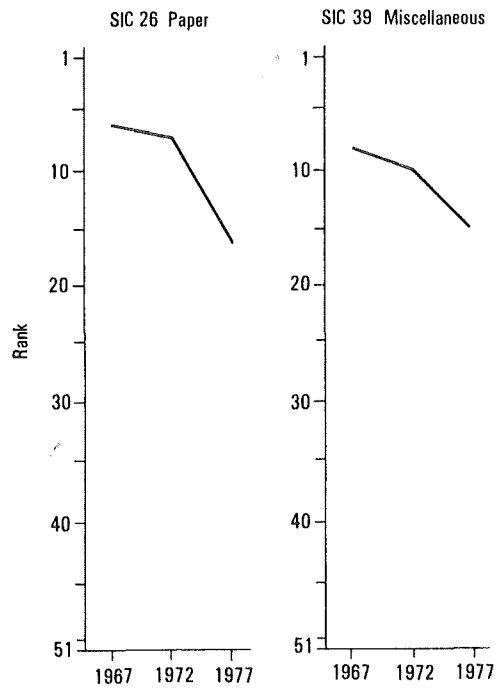
B. Two industries started with low intensity indices but rose rapidly in importance within the Minnesota economy as well as in rank:

- Stone, Clay, and Glass Products (67, 64, 118) and Lumber and Wood Products (72, 80, 111).



C. Two industries started with high intensity indices in 1967 but declined rapidly in importance in the Minnesota economy, as revealed by drops in their indices; they also experienced sharp drops in their ranks:

- Paper and Allied Products (186, 184, 123) and Miscellaneous (106, 117, 95).

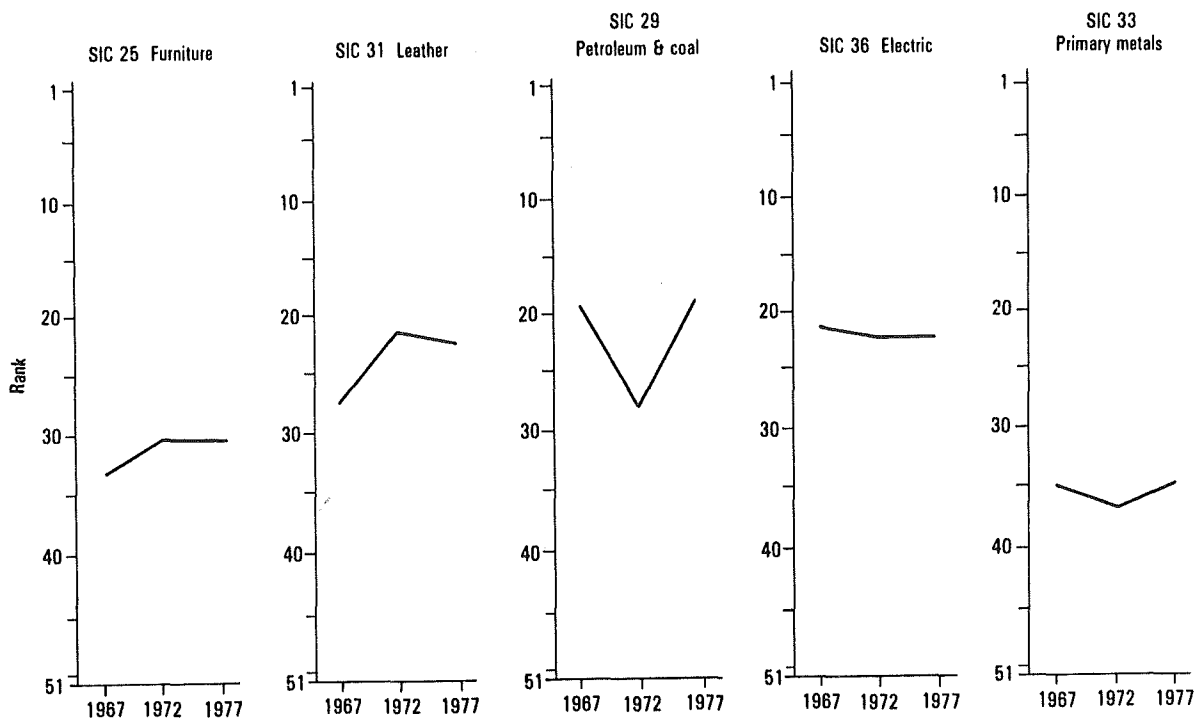


D. Ten manufacturing industries in Minnesota started with low intensity indices and low ranks. Two rose in their rankings among the states:

- Furniture and Fixtures (49, 55, 53) and Leather (32, 70, 61).

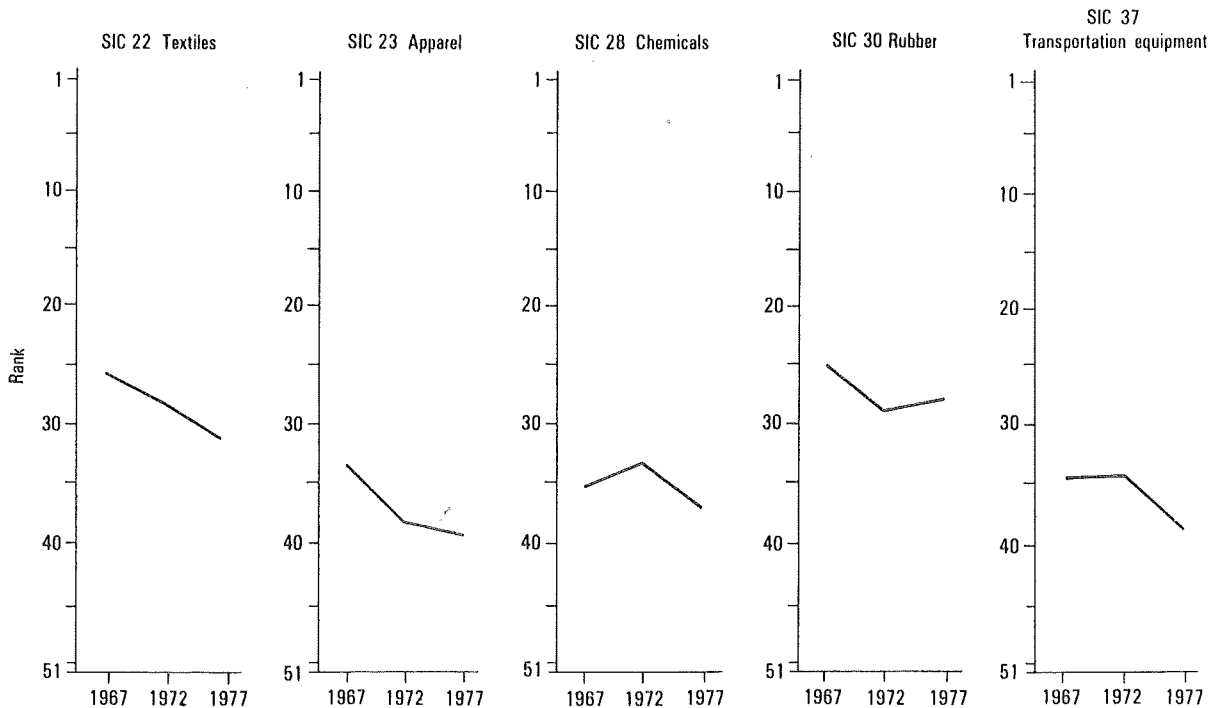
Three others did not change much:

- Petroleum and Coal Products (65, 67, 65), Electrical and Electronic Equipment (81, 65, 96), and Primary Metals (33, 36, 36).



The remaining five manufacturing industries slipped noticeably in terms of their intensity index rankings compared to other states:

- Textiles (16, 13, 15); Apparel (38, 38, 26); Chemicals (48, 44, 40); Rubber and Plastics (67, 69, 82); and Transportation Equipment (29, 33, 26).



Let us summarize this discussion of the intensity indices applied to Minnesota by citing two criteria and noting how the state measures up.

- It is better to have a wide range of industries that have high intensity indices than to have only one or a few.
- It is better if the industries on which the state has an intensive dependence are steady and improving in rank, rather than volatile or declining either because the firms involved are uneven performers or because the industries themselves are unstable.

On the first criterion the record in Minnesota is good. The state began the decade in 1967 with six industries having high intensity indices (Food; Paper; Printing and Publishing; Machinery except Electrical; Instruments; and Miscellaneous), and ten years later had eight (losing Miscellaneous, but gaining Lumber and Wood; Stone, Clay, and Glass; and Fabricated Metals).

On the second criterion, the record again seems good. The Minnesota manufacturing industries that had the highest intensity indices also generally held or improved their rank -- except for Miscellaneous and the Paper and Allied Products industry, both of which slipped.

Part 2

A Review of Minnesota's Performance Records
in Mining, Construction, Services, and
State and Local Government, 1967-1977

1

Mining Industries

The five major industries in the mining sector are Metal Mining (SIC 10), Anthracite Mining (SIC 11), Bituminous Coal and Lignite Mining (SIC 12), Oil and Gas Extraction (SIC 13), and Non-Metallic Minerals, except Fuels (SIC 14). Establishments that are members of these industries occur only at locations where the appropriate resources and mineral deposits have been discovered and developed. Thus, the consequent geographic distribution of establishments engaged in mining and mineral extraction is a sporadic one, and since extremely large firms are often alone or nearly so in a regional mining complex, the Census Bureau suppresses a substantial fraction of the data collected in order to avoid disclosing information about specific firms or individual establishments. This suppression badly limits the information available to us. Still, it is clear that the fortunes of each mining industry nationwide or statewide can fluctuate sharply depend heavily on world prices, alternate sources of supply, and the cost of transporting the material compared to its value at the point of use.

Almost three-quarters of the \$67 billion of U.S. value added from mining in 1977 came from Oil and Gas Extraction (SIC 13). Another 17 percent came from Bituminous Coal and Lignite (SIC 12). Neither of these industries operates in Minnesota. The largest mining operations in Minnesota are Metal Mines (SIC 10), especially iron ore mining, in which Minnesota leads the nation.

Metal Mining (SIC 10)

This industry* generated \$3.5 billion in value added in 1977 and

*Iron; copper; lead and zinc; gold and silver; bauxite and other aluminum ores; ferroalloys except vanadium; metal mining services; and miscellaneous metal ores.

employed almost 88,000 persons nationwide (Table 2.1). Real value added rose by over 28 percent between 1967 and 1972, but fell about 10 percent in the next five years.* The industry's real value added per employee followed a similar pattern. Real value added per employee stood at \$26,200 in 1967 and then rose by more than 44 percent to \$37,900 in 1972; however, foreign competition, coupled with employment increases unmatched by changes in levels of real value added, produced a 35 percent drop to \$24,500 between 1972 and 1977.

Table 2.1--Mining Industries, U.S. and Minnesota, 1967-1977

SIC	Industry		Value Added, 1977 (mil.)	Percent Change in Real Value Added		Employ- ment, 1977 (1000s)	Real Value Added Per Employee, 1977 (1000s; 1972 dollars)	Percent Change in Real Value Added Per Employee	
				1967-72	1972-77			1967-72	1972-77
10	Metal Mining:	US	\$3,504	28%	-10%	88	\$24	44%	-35%
		MN	654	(-)	-15%	10	40	(-)	-14
11	Anthracite Mining:	US	123	-30	10	4	21	12	38
		MN	-	-	-	-	-	-	-
12	Bituminous Coal, Lignite:	US	11,143	54	85	242	28	45	2
		MN	-	-	-	-	-	-	-
13	Oil and Gas Extraction:	US	48,587	10	69	349	85	12	16
		MN	-	-	-	-	-	-	-
14	Nonmetal Minerals Except Fuels:	US	4,056	-0	-9	117	21	34	-30
		MN	40	6	-9	1	20	39	-1

(-): Cannot be calculated from census materials.

Sources: U.S. Dept. of Commerce, Bureau of the Census, Census of Mineral Industries, 1967, 1972, and 1977 (Area Statistics), Table 24; and authors' calculations.

*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 value added, real value added per employee, and so on, are always expressed in terms of 1972 dollars; changes in these magnitudes were calculated in terms of 1972 dollars as well.

During the decade of the 1970s, Minnesota iron and taconite mining helped the state retain its traditionally strong position in the U.S. metal mining industry. The state produced 19.7 percent of the value added in U.S. metal mining in 1972, and 18.7 percent in 1977. Toward the decade's end, however, sagging demand for Minnesota iron and taconite and sharply higher demand and prices for copper, gold, and silver, tipped the growth in the industry to Michigan and the mountain states.

Productivity analysis state by state is thwarted by the Census Bureau practice of withholding data on states where establishments operate alone or with only a few significant competitors. The data that were published indicate that the Minnesota metal mining industry suffered a decline of almost 14 percent in real value added per employee, 1972-77, but this was a modest slip compared to the U.S. decline of over 35 percent.

Anthracite Mining (SIC 11)

The U.S. anthracite mining industry is located exclusively in eastern Pennsylvania and yielded a value added of \$123 million in 1977 (Table 2.1). Anthracite, a high-energy hard coal with no impurities, was the premier home heating fuel until cheap fuel oil and natural gas pushed it aside. Sharply higher oil and gas prices during the 1970s triggered a resurgence of interest in anthracite, giving this old industry a shot of new life. Minnesota has no known deposits of anthracite.

Real value added in this industry appears to have dropped sharply between 1967 and 1972, but it rose by over 10 percent between 1972 and 1977. Meanwhile employment dropped 50 percent between 1967 and 1977, presumably an accompaniment of new capital investment and improved mining technology, so that real value added per employee rose from \$13,600 in 1967 to \$20,900 ten years later.

Bituminous Coal and Lignite Mining (SIC 12)

Some of the world's great deposits of bituminous coal occur in (1) the Appalachian field, extending from western Pennsylvania and West Virginia southwestward to Alabama, and (2) the interior field, running from Iowa and Illinois southward to western Kentucky, Arkansas, and Oklahoma. Enormous lignite deposits are exploited in the Great Plains and Rocky Mountain states.

The \$11 billion of value added in this industry in 1977 came chiefly from West Virginia (\$2.6 bil.), Kentucky (\$2.3 bil.), and Pennsylvania (\$1.7 bil.), followed by Virginia (\$.9 bil.), Ohio (\$.7 bil.), Illinois (\$.7 bil.), and Alabama (\$.5 bil.). The remaining 15 percent of the value added came from 21 other states, including Iowa. No bituminous coal or lignite is mined in Minnesota, although the natural gas deposits in Michigan and the similarity of certain known features of Minnesota's geology to those in parts of Iowa lead to speculation that fossil fuels might exist beneath the largely unexplored regions of southern Minnesota.

U.S. bituminous and lignite prices and levels of production rose rapidly during the 1967-1977 decade, based on expansion in electricity consumption (from coal-fired electric power plants) and continued substitution of coal for oil as oil prices escalated. Value added in real terms rose 54 percent nationally in the 1967-72 period, and 85 percent between 1972 and 1977. Employment in the industry almost doubled over the decade, but increased capitalization per worker kept real value added per employee rising, from \$19,200 in 1967, to \$27,800 in 1972, to \$28,300 in 1977. The rate of rise was almost 45 percent in the first five-year interval, but not quite 2 percent in the later period. Had coal prices risen at a more modest rate between 1972 and 1977 than they did, the change in real value added in that period would certainly have turned negative.

Oil and Gas Extraction (SIC 13)

Oil and gas extraction accounted for over 72 percent of all mining value added in the U.S. in 1977. In addition to Extraction Activity (SIC 131), this industry includes the production of Natural Gas Liquids (SIC 132) and Oil and Gas Field Services (SIC 138). Only a negligible share of the industry is attributable to Minnesota, and none of that share involves actual extraction. Real value added in the U.S. oil and gas extraction industry rose 10 percent in the 1967-72 period and by over 69 percent between 1972 and 1977. Oil prices rose faster than wholesale prices generally, so part of the estimated increase in real value added can be traced to real price advances and the remainder to higher domestic production.

The states leading in value added from oil and gas extraction include Texas (\$19 bil.) with 40 percent of the U.S. total, Louisiana (\$12 bil.) with 24 percent, Oklahoma (\$3 bil.), California (\$3 bil.), New Mexico (\$2 bil.), and Wyoming, Alaska, and Kansas (with over \$1 billion each). Employment dropped slightly between 1967 and 1972 but rose rapidly as the industry expanded following the OPEC-led price increases during the 1972-77 period. Real value added per employee started out high at \$65,100 in 1967 and rose to \$85,300 by 1977.

Non-Metallic Minerals, except Fuels (SIC 14)

This industry includes a variety of stone, clay, ceramic, chemical, and fertilizer minerals and related services that yielded value added of over \$4 billion in 1977.* The industry is widely dispersed throughout the

*Dimension stone; crushed and broken stone; sand and gravel; clay, ceramic, and refractory minerals; chemical and fertilizer mineral mining, including phosphorus, rock salt and sulfur; miscellaneous non-metallic minerals (except fuels) services; and miscellaneous non-metallic minerals (except fuels).

country: raw materials are virtually ubiquitous, and the low value-to-weight ratios typical of these products mean that they are not shipped far to their point of use. Value added in constant 1972 dollars was steady between 1967 and 1972 and then fell almost 9 percent by 1977. Employment dropped sharply, then rose again during the decade, so that real value added per employee jumped sharply from \$22,700 in 1967 to \$30,500 in 1972, then fell to \$21,300 in 1977, a drop of 30 percent.

The Minnesota share of the non-metal minerals industry yielded \$40 million in value added in 1977. Minnesota's real product rose by 6 percent during the 1967-72 period when the U.S. value added was holding steady, and then fell by over 9 percent in the next five years, roughly matching the U.S. decline.

Real value added per employee in the non-metal mining industry was lower in Minnesota than in the U.S., and less volatile. It rose rapidly during the early part of the decade as it followed national trends, then fell with the rest of the nation, but not as far.

Construction Industries*

General Building Contractors (SIC 15)

This important industry generated, nationwide, almost \$90 billion in value added in 1977, up from \$37 billion ten years earlier. Real value added (in 1972 dollars) rose 46 percent between 1967 and 1972 but dropped over 14 percent in the next five years. Employment rose by 22 percent in the earlier period, but because real value added rose even faster, real value added per employee went from \$46,900 in 1967 to \$56,000 in 1972. In the later period, employment continued rising while real value added

*Firms with payrolls.

slipped, so real value added per employee dropped 17 percent to \$46,600 by 1977 (Table 2.2).

Construction in general did well in Minnesota in the 1970s, and this industry followed the general trend. There were only 15 states that exceeded Minnesota's real value added of \$1.15 billion in General Building Contractors in 1977 (Figure 2.1). One cluster of states leading Minnesota was located at the heart of the Manufacturing Belt, which thought itself experiencing good times at that point. Maryland and Virginia shared in the boom in the Washington, D.C. area. Meanwhile notable economic and demographic booms were driving construction in the states of Florida, Texas, California, and Colorado.

Figure 2.1 – General Building Contractors (SIC 15) : Value Added, by State, 1977.

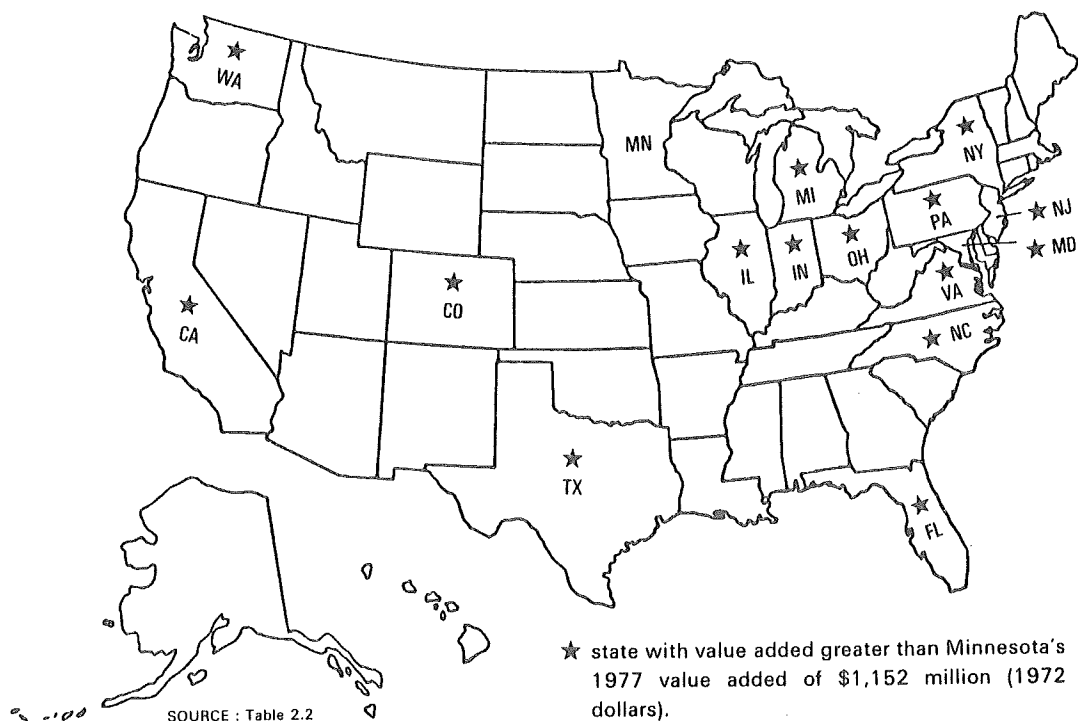


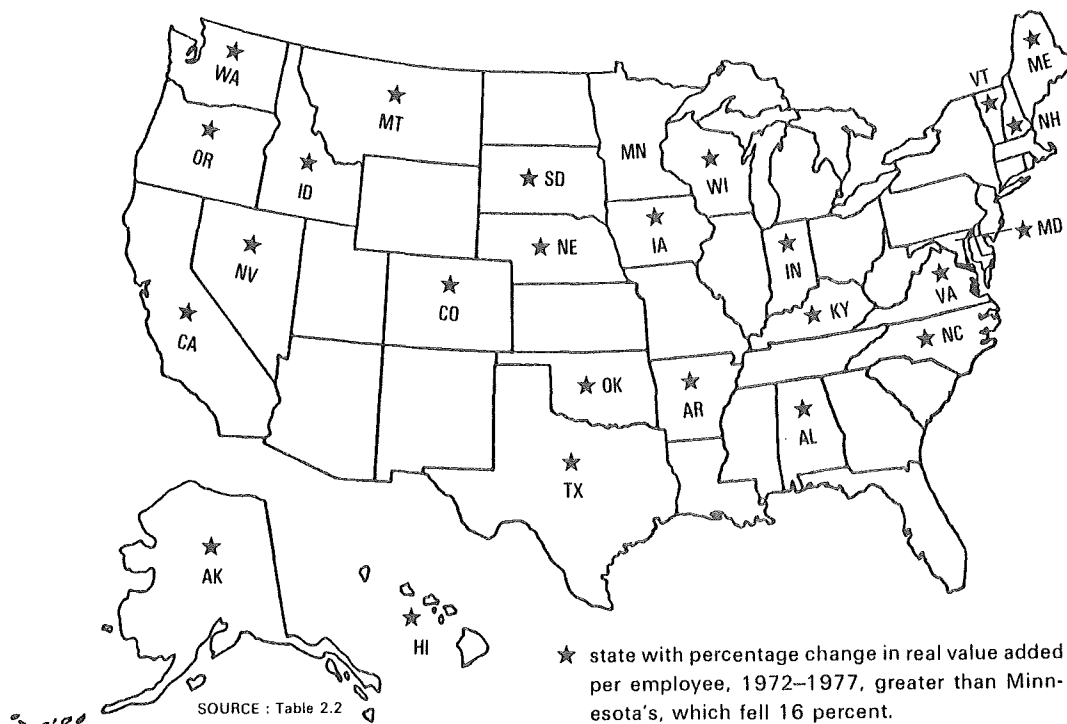
Table 2.2--Changes in General Building Contractors (SIC 15), 1967-1977, Minnesota and Other States

State	Value Added (millions)			Percent Change in Real Value Added		Employment 1977 (1000s)	Real Value Added per Employee		
	1972	1977	1977 (in 1972 dollars)	1967- 1972	1972- 1977		1977	% Change	
							(1000s; 1972 dollars)	1967- 1972	1972- 1977
U.S.	\$64,350	\$89,787	\$55,066	46%	-14%	1,181	\$47	19%	-17%
Maine	213	293	180	48	-16	6	28	10	-15
NH	333	385	236	119	-29	6	37	15	-2
Vt	134	153	94	59	-30	4	26	21	-14
Mass	1,761	1,529	938	47	-47	21	45	24	-24
RI	364	379	232	43	-36	5	45	57	-26
Conn	986	1,050	644	38	-35	13	51	26	-20
NY	4,472	3,785	2,321	33	-48	49	47	32	-30
NJ	1,936	1,984	1,216	60	-37	25	49	31	-19
Pa	2,745	3,649	2,238	36	-18	54	41	17	-20
Ohio	3,081	3,971	2,436	45	-21	48	50	26	-21
Ind	1,250	2,077	1,274	23	2	30	43	13	-14
Ill	3,390	4,592	2,816	43	-17	52	55	33	-22
Mich	2,457	2,828	1,734	24	-29	32	55	27	-28
Wis	1,013	1,827	1,121	26	11	25	44	16	-9
Minn	1,115	1,879	1,152	51	3	25	47	33	-16
Iowa	576	1,203	738	31	28	20	38	29	-12
Mo	1,288	1,939	1,189	41	-8	27	44	15	-19
N Dak	146	318	195	55	34	6	33	21	-19
S Dak	97	241	148	29	53	4	34	15	-12
Nebr	428	704	432	33	1	10	41	8	-12
Kans	612	946	580	52	-5	15	39	38	-28
Del	245	215	132	118	-46	4	34	36	-38
Md	1,625	2,389	1,465	91	-10	27	54	28	-10
DC	234	322	197	-44	-16	4	48	12	-24
Va	1,501	2,382	1,461	68	-3	36	41	16	-7
W Va	205	420	258	31	26	11	24	17	-27
NC	1,570	1,997	1,225	65	-22	37	33	23	-12
SC	1,211	1,858	1,140	47	-6	42	27	2	-22
Ga	1,853	1,842	1,130	87	-39	30	38	23	-20
Fla	4,349	4,288	2,630	182	-40	58	45	14	-20
Ky	578	989	606	33	5	17	36	15	-12
Tenn	1,343	1,607	986	65	-27	26	38	21	-22
Ala	1,063	1,836	1,126	103	6	30	38	29	-14
Miss	474	546	335	92	-29	11	31	24	-19
Ark	541	736	451	91	-17	12	37	31	-8
La	987	1,370	840	67	-15	25	33	20	-23
Okla	692	922	565	101	-18	13	44	26	-2
Tex	4,098	6,992	4,288	89	5	88	49	39	-11
Mont	123	386	237	34	93	6	42	7	13
Idaho	195	450	276	128	42	6	46	33	-13
Wyo	83	237	146	83	74	4	37	15	-16
Colo	1,354	1,976	1,212	171	-10	22	56	-0	-5
N Mex	330	521	320	132	-3	10	32	13	-18
Ariz	1,320	1,616	991	312	-25	17	60	59	-28
Utah	421	823	505	99	20	11	48	5	-19
Nev	263	469	288	178	10	5	57	22	-3
Wash	1,020	2,309	1,416	14	39	28	51	14	-9
Oreg	595	1,136	697	55	17	14	50	3	-4
Calif	6,995	12,246	7,511	72	7	101	74	20	-9
Alaska	174	404	248	82	42	4	70	-13	-11
Hawaii	561	770	472	67	-16	8	60	15	5

Sources: U.S. Dept. of Commerce, Bureau of the Census, 1972 Census of Construction Industries, Vol. II (Area Statistics), Table 2; 1977 Census of Construction Industries, Section II (Area Statistics), Tables 1 and 3; and authors' calculations.

There were 25 states that did better than Minnesota in their change in real value added per employee, 1972 to 1977, but only two states (Montana and Hawaii) had increases (Figure 2.2). The ratio declined in all other states, with Minnesota's down 16 percent.

Figure 2.2 – General Building Contractors (SIC 15) : Percentage Change in Real Value Added per Employee, 1972–1977.



Heavy Construction (SIC 16)

The nation's heavy construction industry produced about \$51 billion of value added in 1977 and employed almost a million workers. In real terms value added was down 1 percent in the 1972–77 period following a healthy rise during the previous half decade. Meantime, employment moved in the opposite directions -- down and then up. Employment dropped by over 6 per-

cent between 1967 and 1972 while real value added was rising and presumably capital was substituting for workers; but then employment rose sharply by 11 percent between 1972 and 1977 while real value added was edging downward. Thus, over the decade, real value added per employee rose sharply from \$33,000 to \$38,000, and then fell back to \$33,900 (Table 2.3).

The heavy construction industry is smaller than General Building (SIC 15), but it is more concentrated in a few states, with Texas and California alone getting a third of the value added. Seven states in the Manufacturing Belt plus four more in the Sun Belt exceeded Minnesota's real value added of \$679 million in heavy construction in 1977 (Figure 2.3). This high state ranking on such construction was out of proportion for a state of Minnesota's size and was bound to diminish -- and has -- because the rest of the state's economy and population were not expanding correspondingly.

Figure 2.3 -- Heavy Construction (SIC 16) : Value Added, by State, 1977.

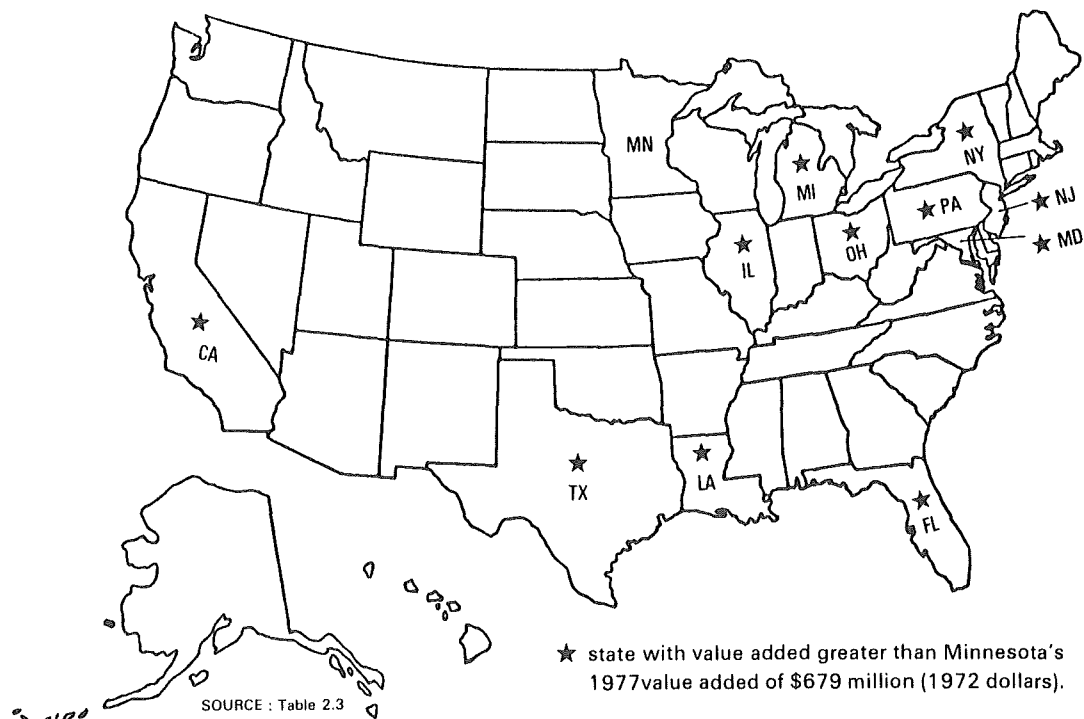


Table 2.3--Changes in Heavy Construction (SIC 16), 1967-1977, Minnesota and Other States

State	Value Added (millions)			Percent Change in Real Value Added		Employment 1977 (1000s)	Real Value Added per Employee		
	1972	1977	1977 (in 1972 dollars)	1967- 1972	1972- 1977		1977 (1000s, 1972 dollars)	% Change	
								1967- 1972	1972- 1977
U.S.	\$31,461	\$50,728	\$31,111	8%	-1%	917	\$34	15%	-11%
Maine	131	161	99	61	-25	4	24	26	-20
NH	72	158	97	(-)	35	3	30	(-)	-17
Vt	44	D	(-)	(-)	(-)	1	(-)	(-)	(-)
Mass	1,016	1,078	661	77	-35	24	27	44	-37
RI	134	95	58	16	-57	2	34	2	-4
Conn	380	570	349	-2	-8	11	33	20	0
NY	1,655	1,966	1,206	-22	-27	32	38	5	-7
NJ	958	1,270	779	4	-19	29	26	19	-45
Pa	D	2,508	1,538	(-)	(-)	49	32	(-)	(-)
Ohio	1,331	1,953	1,198	-0	-10	33	36	11	-7
Ind	718	951	583	21	-19	20	30	10	-21
Ill	1,450	2,308	1,416	-0	-2	39	36	5	-9
Mich	1,026	1,715	1,052	31	3	23	45	29	-8
Wis	403	617	378	-0	-6	10	39	7	-3
Minn	760	1,108	679	23	-11	18	38	14	-10
Iowa	336	568	348	-10	4	9	38	19	-4
Mo	416	796	488	-4	17	13	37	20	4
N Dak	D	180	110	(-)	(-)	3	35	(-)	(-)
S Dak	D	D	(-)	(-)	(-)	D	(-)	(-)	(-)
Nebr	213	398	244	-23	14	7	36	6	-12
Kans	324	611	375	-2	16	14	28	15	-18
Del	430	581	357	(-)	-17	5	75	(-)	4
Md	928	1,212	743	82	-20	20	37	46	-22
DC	98	140	86	145	-12	2	40	69	3
Va	598	873	536	17	-10	21	26	24	-18
W Va	218	392	241	-45	10	9	26	-40	-13
NC	766	815	500	(-)	-35	19	27	(-)	-9
SC	307	D	(-)	34	(-)	12	(-)	11	(-)
Ga	578	984	603	6	4	21	29	33	-11
Fla	959	1,456	893	22	-7	28	31	13	-4
Ky	444	585	358	17	-19	11	33	14	-13
Tenn	509	721	442	8	-13	16	28	30	-19
Ala	365	734	450	-9	23	17	27	18	-13
Miss	279	363	223	40	-20	9	25	3	-10
Ark	199	227	139	3	-30	6	24	19	-22
La	833	1,644	1,009	23	21	37	27	23	-6
Okla	399	582	357	13	-10	12	30	17	-3
Tex	2,869	7,448	4,568	17	59	145	32	19	-1
Mont	146	181	111	(-)	-24	3	33	(-)	-25
Idaho	275	D	(-)	(-)	(-)	5	(-)	(-)	(-)
Wyo	92	D	(-)	(-)	(-)	4	(-)	(-)	(-)
Colo	402	903	554	(-)	38	15	36	(-)	23
N Mex	137	282	173	5	26	7	25	-1	-10
Ariz	267	391	240	51	-10	5	47	30	1
Utah	214	344	211	32	-2	7	32	12	-16
Nev	D	273	167	(-)	(-)	5	34	(-)	(-)
Wash	691	1,054	646	-1	-6	16	39	8	-10
Oreg	357	498	306	7	-14	8	40	27	-13
Calif	4,021	7,049	4,323	-5	8	97	45	21	-18
Alaska	107	653	400	9	274	8	52	18	-28
Hawaii	124	D	(-)	59	(-)	2	(-)	32	(-)

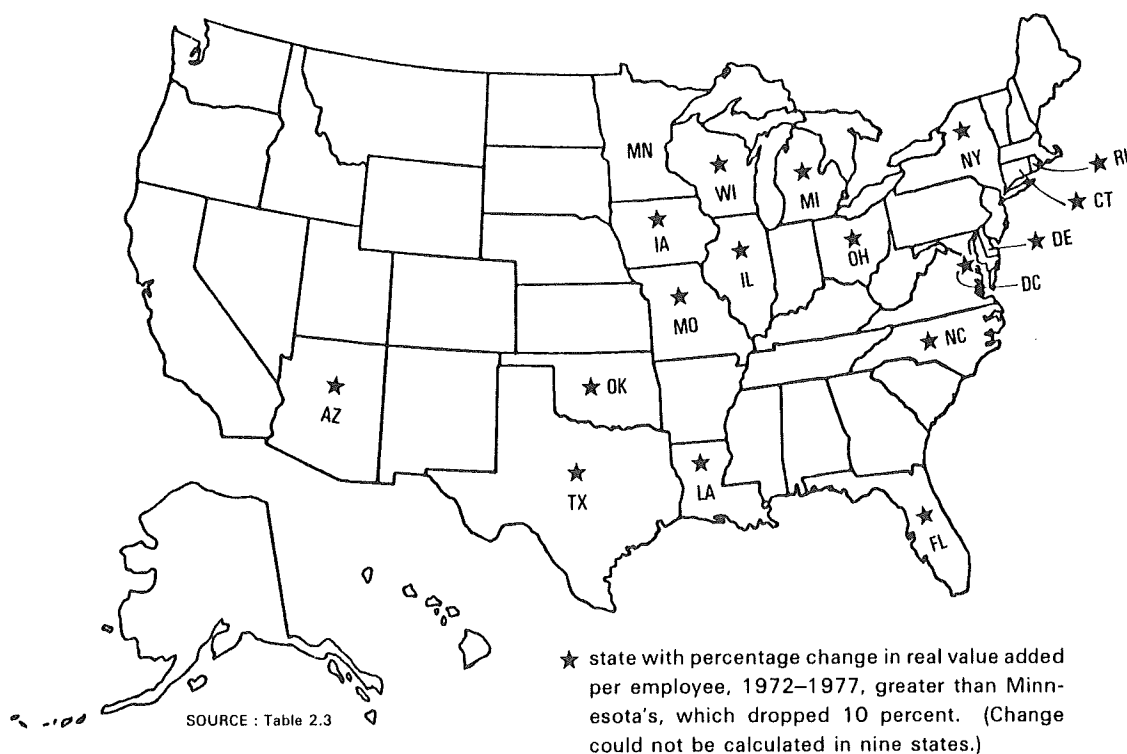
D: Not disclosed by Census Bureau.

(-): Cannot be calculated from census materials.

Sources: U.S. Dept. of Commerce, Bureau of the Census, 1972 Census of Construction Industries, Vol. II (Area Statistics), Table 2; 1977 Census of Construction Industries, Section II (Area Statistics), Tables 1 and 3; and authors' calculations.

Minnesota's decline of 10 percent in real value added per employee in heavy construction between 1972 and 1977 was bettered by 16 states and Washington, D.C. (Figure 2.4). Three states tied Minnesota (Washington, New Mexico, and Mississippi), and nine states did not report, so Minnesota appears to have been about average in a generally poor field. Only five states had increases in real value added per employee during the 1972-1977 period (Table 2.3).

Figure 2.4 – Heavy Construction (SIC 16) : Percentage Change in Real Value Added per Employee, 1972–1977.



Special Trade Contractors (SIC 17)

This industry includes electrical, plumbing, woodworking, roofing, and other firms with payroll who employ skilled tradespeople but relatively small amounts of capital equipment. The industry employed more than 2.1 million workers in 1977, more than General Building Contractors (SIC 15) and Heavy Construction (SIC 16) combined. The 1977 value added of \$81 billion was less than General Building's (\$90 bil.), but substantially more than that of Heavy Construction (\$51 bil.).

Real value added by special trade contractors rose 50 percent in the 1967-72 period and then dropped 13 percent in the next five years. Real value added per employee nationwide made striking gains in the first five years, rising to \$27,000, but then in 1977 it fell below the level of ten years earlier (Table 2.4).

There were 15 states that had greater value added in this industry than Minnesota in 1977 -- a cluster of 11 across the Manufacturing Belt bounded by Wisconsin, Missouri, Virginia and New York, and four more around the coastal rim and Sunbelt, including Washington, California, Texas, and Florida. The fact that Minnesota as an average-sized state ranked so well against some larger ones suggests that the Minnesota economy might have been overheated during the period (Figure 2.5).

Between 1972 and 1977 nine states and Washington, D.C. had changes in real value added per employee in special trade contracting that were superior to Minnesota's, which fell 9 percent. But the comparisons may be overdrawn because real value added per employee in the special trades is quite similar from state to state and has changed little during the decade (Figure 2.6).

Table 2.4--Changes in Special Trade Contractors (SIC 17), 1967-1977, Minnesota and Other States

State	Value Added (millions)			Percent Change in Real Value Added		Employment 1977 (1000s)	Real Value Added per Employee		
	1972	1977	1977 (in 1972 dollars)	1967- 1972	1972- 1977		1977 (1000s, 1972 dollars)	% Change	
								1967- 1972	1972- 1977
U.S.	\$56,911	\$81,108	\$49,744	49%	-13%	2,136	\$23	12%	-14%
Maine	206	277	170	70	-18	9	19	11	-19
NH	190	243	149	(-)	-22	8	19	(-)	-22
Vt	94	118	72	(-)	-23	4	20	(-)	-23
Mass	1,723	1,574	966	56	-44	42	23	18	-20
RI	281	274	168	(-)	-40	8	22	(-)	-21
Conn	993	987	605	53	-39	27	22	11	-23
NY	5,560	4,926	3,021	37	-46	124	24	17	-20
NJ	D	2,355	1,444	(-)	(-)	61	24	(-)	(-)
Pa	3,277	4,382	2,688	46	-18	113	24	24	-16
Ohio	2,686	3,862	2,369	35	-12	97	24	10	-13
Ind	1,206	1,830	1,122	32	-7	49	23	4	-13
Ill	3,610	5,202	3,190	27	-12	118	27	10	-29
Mich	2,389	3,176	1,948	20	-18	72	27	10	-14
Wis	1,101	1,897	1,163	25	6	45	26	8	-12
Minn	1,040	1,705	1,046	7	1	40	26	-7	-9
Iowa	525	1,049	644	20	22	27	24	11	-12
Mo	1,252	1,861	1,141	30	-9	48	24	15	-17
N Dak	94	244	150	(-)	60	6	23	(-)	-8
S Dak	86	195	120	(-)	40	6	21	(-)	-6
Nebr	397	825	506	47	27	19	27	4	2
Kans	445	868	533	46	20	24	22	11	-14
Del	185	292	179	45	-3	9	20	(-)	-11
Md	1,365	1,918	1,176	55	-14	57	20	15	-12
DC	214	202	124	-4	-42	5	26	14	-5
Va	1,291	1,767	1,084	58	-16	60	18	18	-17
W Va	215	351	216	44	+0	11	20	22	-17
NC	1,188	1,626	997	(-)	-16	59	17	(-)	-15
SC	550	806	494	63	-10	30	16	13	-14
Ga	1,292	1,499	919	81	-29	49	19	17	-21
Fla	2,942	3,213	1,970	127	-33	102	19	18	-17
Ky	602	902	554	60	-8	28	20	16	-18
Tenn	938	1,320	809	56	-14	42	19	20	-16
Ala	631	1,014	622	58	-1	33	19	19	-15
Miss	283	427	262	52	-8	14	19	16	-15
Ark	301	510	313	55	4	15	20	13	-11
La	767	1,521	933	43	22	44	21	14	-10
Okla	546	943	578	62	6	27	21	9	-7
Tex	3,254	5,821	3,570	67	10	172	21	14	-11
Mont	100	250	153	(-)	53	7	24	(-)	-16
Idaho	141	296	182	(-)	29	8	23	(-)	-16
Wyo	D	207	127	(-)	(-)	6	23	(-)	(-)
Colo	968	1,356	832	(-)	-14	37	23	(-)	-12
N Mex	223	408	250	(-)	12	13	20	(-)	-15
Ariz	926	1,139	699	(-)	-25	30	23	(-)	-20
Utah	308	615	377	80	22	17	22	2	-16
Nev	266	510	313	(-)	18	12	27	(-)	-17
Wash	792	1,768	1,084	26	37	40	27	9	-8
Oreg	544	1,021	626	68	15	24	27	9	-6
Calif	6,233	10,737	6,585	56	6	222	30	11	-8
Alaska	130	365	224	126	73	6	40	-4	-4
Hawaii	349	453	278	92	-20	10	28	19	-8

D: Not disclosed by Census Bureau.

(-): Cannot be calculated from census materials.

Sources: U.S. Dept. of Commerce, Bureau of the Census, 1972 Census of Construction Industries, Vol. II (Area Statistics), Table 2; and 1977 Census of Construction Industries, Section II (Area Statistics), Tables 1 and 3; and authors' calculations.

Figure 2.5 – Special Trade Contractors (SIC 17) : Value Added, by State, 1977.

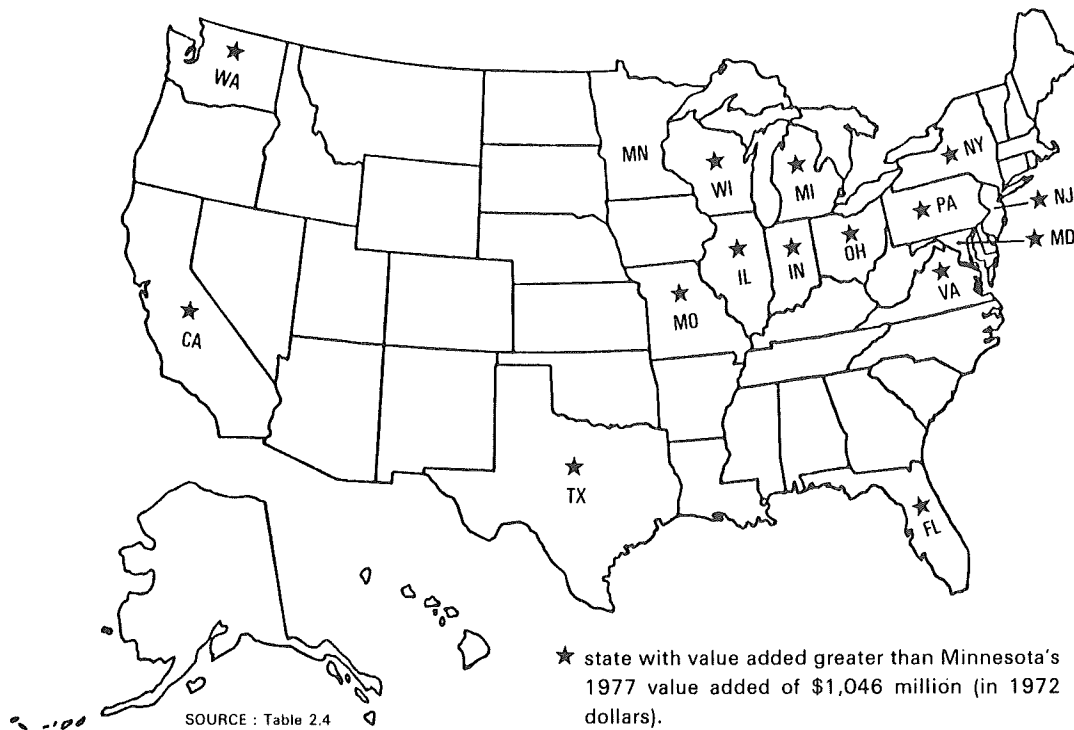
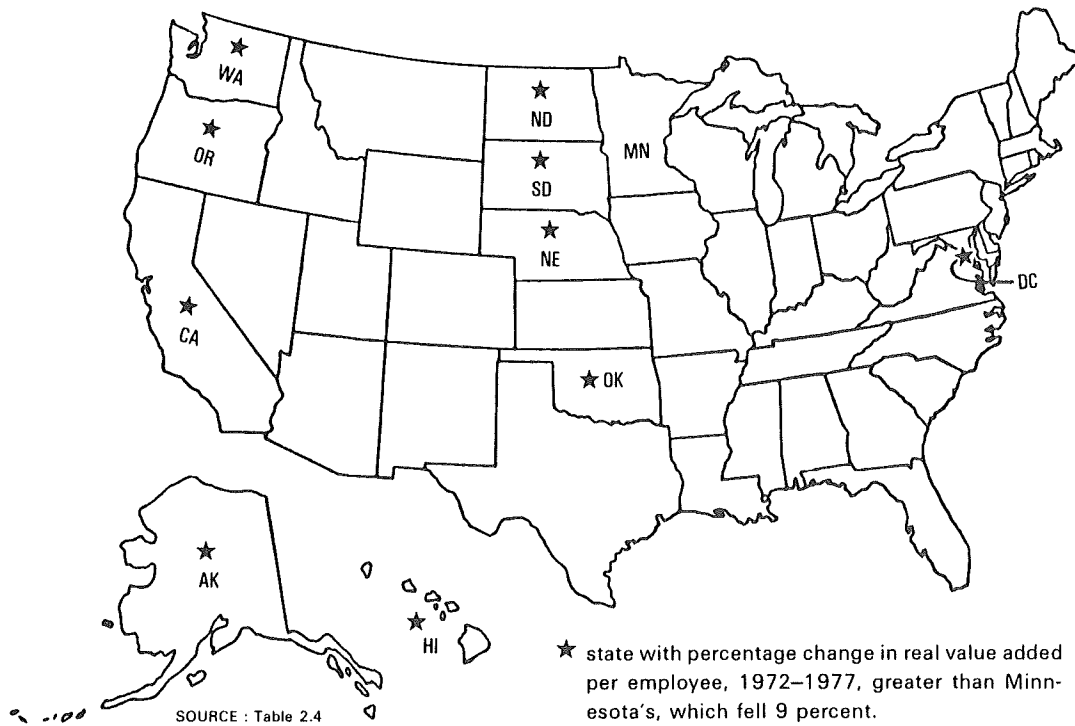


Figure 2.6 – Special Trade Contractors, (SIC 17) : Percentage Change in Real Value Added per Employee, 1972–1977.



Selected Services

The U.S. Bureau of the Census identifies nine major, or "selected," categories of service industries, led by Business Services (nationwide receipts in 1977, \$50 billion); Auto Repair, Services, and Garages (\$20 bil.); Amusement and Recreational Services (\$20 bil.); Hotels, Motels, Trailer Parks, and Camps (\$18 bil.); Legal Services (\$17 bil.); and Personal Services (\$15 bil.). In addition to Selected Services, the Census Bureau recently began surveys of Other Taxable Services (5 industries) and Non-Taxable Services (12 industries). The Minnesota components of these industries serve local markets in the state plus national and international markets outside the state. This discussion focuses on Selected Services (establishments with payroll).

In terms of real growth in receipts in the 1970s, two of Minnesota's Selected Services consistently did better than their national counterparts: Personal Services, and Miscellaneous Repair Services (Table 2.5). The other industries for which complete data exist either did better in the early years and worse later (Hotels, etc.; Business Services; and Amusements) or the reverse (Auto Repair, etc.).

Real receipts (product) per employee in most of the Selected Services rose statewide and nationwide between 1967 and 1972 (Table 2.5). The major exception in that period was Business Services, which apparently added employees at a much faster rate than real receipts were expanding. Between 1972 and 1977 the average real receipts per employee dropped sharply in every Selected Services industry.

Hotels, Motels, Trailer Parks, and Camps (SIC 701, 703)

Real receipts in this industry rose 27 percent nationwide between 1967 and 1972, while employment went up only 18 percent. The boom slowed in the

Table 2.5--Selected Services Industries, Firms with Payroll, U.S. and Minnesota, 1967-1977

SIC	Industry	Receipts 1977 (mil.)		Percent Change in Real Receipts		Employ- ment, 1977 (1000s)	Real Receipts per Employee, 1977 (1000s; 1972 dollars)	Percent Change in Real Receipts Per Employee	
				1967-72	1972-77			1967-72	1972-77
701,3:	Hotels, Motels, Trailer Parks and Camps:	US	\$17,893	27%	8%	906	\$12	8%	-14%
		MN	283	36	-0	17	10	1	-15
72:	Personal	US	15,297	-2	-20	910	10	3	-14
	Services:	MN	266	4	-18	17	10	-1	-20
73:	Business	US	49,999	9	10	2,297	13	-25	-16
	Services:	MN	760	40	-6	39	12	-14	-36
75:	Auto Repair, Service and Garages:	US	19,658	44	10	483	25	16	-10
		MN	316	35	20	8	25	16	-5
76:	Misc. Repair	US	9,558	31	21	279	21	12	-10
	Services:	MN	140	38	24	4	21	6	-10
78,79:	Amusement and Recreational Services:	US	19,756	34	-4	660	18	+0	-6
		MN	269	64	-6	12	14	4	-7
8072:	Dental	US	862	(-)	2	36	15	(-)	-15
	Labs:	MN	23	(-)	22	1	14	(-)	-12
81:	Legal	US	17,147	(-)	8	392	27	(-)	-26
	Services:	MN	276	(-)	7	7	25	(-)	-27
891:	Engineering, Architectural, Surveying Services:	US	14,048	(-)	20	373	23	(-)	-6
		MN	181	(-)	-0	6	19	(-)	-17

(-): Cannot be calculated from census materials.

Note: The 1977 census categories Other Taxable Services (5 industries), and Non-Taxable Services (12 industries), are excluded from this table.

Sources: U.S. Dept. of Commerce, Bureau of the Census, 1967 Census of Business, Vol. V, Selected Services (Area Statistics), Parts 1-3, Table 2; 1977 Census of Service Industries, Vol. II, Geographical Area Statistics, Parts 1-3, Table 1; and authors' calculations.

next five years when real receipts rose only 8 percent while employment leaped ahead 25 percent. The inflation of the period no doubt nurtured the illusion of prosperity and encouraged hiring as business receipts rose rapidly, but barely ahead of prices. The result was that real receipts per employee in the Hotel-Motel industry nationwide were up about 8 percent between 1967 and 1972, but down by over 13 percent in the next five years.

The Hotel-Motel-Trailer Park industry in Minnesota was a \$300 million business in 1977, employing 16,600 workers. The Minnesota industry followed national trends in both the first and second halves of the decade under study but was more volatile than the industry nationwide. The

state's real receipts rose by over 36 percent from 1967 to 1972 and then actually dropped slightly in the period 1972-77. Meanwhile, a rapid rise in employment between 1967 and 1972 wiped out most of the real gain in receipts, and continued expansion of employment between 1972 and 1977 that was unmatched by gains in real receipts meant a sharp drop in real receipts per employee for the state, even sharper than that for the U.S.

Minnesota's percent change in real receipts per employee in the 1972-77 period was a bit below the U.S. average of -14 percent, but 32 states dropped more than Minnesota. The states that had done exceptionally well on this measure in the previous five years -- and perhaps nurtured unrealistic expectations for the industry nationwide -- included Missouri, West Virginia, South Carolina, Arkansas, Louisiana, and Nevada.

Personal Services (SIC 72)

Personal Services* nationwide had receipts of \$15 billion in 1977. Receipts had dropped 2 percent in real terms between 1967 and 1972 and had dropped almost 20 percent in the 1972-77 period. The Personal Services industry is a collection of highly competitive industries with relatively low capital requirements, modest skill requirements, and relatively easy entry for new firms.

In Minnesota, Personal Services recorded \$266 million in sales in 1977. Real receipts had risen 4 percent between 1967 and 1972 while the national figure fell slightly. The state's real receipts then dropped 18 percent in the following five years, a decline that was a bit less steep than the nation's. U.S. employment in the industry dropped over the decade from 1.0

*Laundry, cleaning; photo studios; beauty shops; barber shops; shoe repair; funeral services; and miscellaneous.

million down to .9 million, but Minnesota employment moved in the reverse direction as it increased by 4 percent from 1967 to 1972 and then by 2 percent in the 1972-77 period, even though real receipts were down in the latter period. Thus, in this small and not very productive industry, Minnesota did poorly in terms of change in receipts per employee when compared to the U.S. average: Minnesota's real receipts per employee went down from \$12,300 (1967) to \$12,200 (1972) to \$9,800 (1977), while U.S. averages for the same years held steadier at \$11,600, \$12,000, and \$10,300. In other words, Minnesota's Personal Services industry lagged behind the U.S. average in per employee productivity changes in the 1967-72 period, and lagged even more badly in the following five years (Table 2.5).

Business Services (SIC 73)

The Business Services industry* underwent strong expansion during the 1970s, but Minnesota's share slipped into stagnation and decline in the later years. It was a \$50 billion industry in 1977 nationwide and a \$760 million industry in Minnesota. At the national scale real receipts rose 9 percent during the years 1967-72, and 10 percent between 1972 and 1977, but the Minnesota industry, which registered an extraordinary 40 percent expansion in the first five years, had a drop of 6 percent in real receipts in the 1972-77 period (Table 2.5). This uneven expansion in Minnesota, out of phase with national trends, has probably been disruptive and confusing to the state's firms, their suppliers, and their customers. Expansion may have been too rapid in the 1967-72 period.

*Advertising; credit and collection bureaus; mailing, reproduction, commercial art and photography; services to dwellings; news syndicates; personnel supply services; computer and data processing services; and miscellaneous.

Real receipts per employee in Business Services in Minnesota fell steadily from \$22,000 (1967) to \$18,800 (1972), to \$12,000 (1977), as employment rose much faster than real receipts warranted. Thus, although real receipts per employee in Minnesota's Business Services exceeded the U.S. average in 1967 (\$22,000 vs. \$21,100), by 1977 the pattern had reversed as Minnesota producers fell behind the national average (\$12,000 vs. \$13,300 nationwide).

For continued prosperity of an industry and the people depending on it, a steady rise in real receipts per employee is mandatory, but the reverse apparently occurred in Minnesota during the 1970s. The state remained strong in the region through 1977, but was weakening when compared to such states as Massachusetts, Illinois, Michigan, Virginia, and California, which exceeded the national average.

Auto Repair, Services, and Garages (SIC 75)

The Auto Repair, Services, and Garages industry* in the U.S. had receipts of \$20 billion in 1977, putting it in the same class with Amusements and Recreational Services (SIC 78, 79), larger than Personal Services (SIC 72), and much smaller than Business Services (SIC 73). In Minnesota, the auto repair and service industry recorded over \$300 million in sales in 1977 (Table 2.5).

Real receipts per employee in this industry have been a bit higher nationwide than in Minnesota at each of the last three censuses. This could have resulted from the fact that repair services are performed close to the consumer, and since a significant share of the Minnesota population is dispersed in small urban areas and in rural areas, auto

*Auto rental, leasing; parking; repair; service except repairs.

services might be provided disproportionately by small establishments that operate somewhat below the optimal scale.

There is little difference between the U.S. average and Minnesota on most measures of industry performance. In addition, there is little variation among the states. Auto repair and services appears to be a fairly uniform industry nationwide.

Miscellaneous Repair Services (SIC 76)

This industry had receipts of \$10 billion nationally in 1977 and about \$140 million in Minnesota.* Real receipts per employee in the U.S. have been close to the pattern in Auto Repair, Services, and Garages (SIC 75); they stood at \$20,900 nationwide in 1967, rose to \$23,400 in 1972, then slipped back to \$21,000 in 1977. These levels and their up-and-down movements resemble Minnesota's performance of \$21,500, \$22,900, and \$20,600 in the same census years (Table 2.5).

There are few differences in state-by-state performance measures and few departures from national trends year by year. This is an industry of small businesses, evidently holding their own. Whether the firms that comprise this industry are relatively resistant to recessionary pressures, as customers repair their homes, stores, plants and equipment rather than replace it, cannot be inferred from census data.

Amusement and Recreational Services (SIC 78, 79)

This was another \$20 billion industry** nationwide in 1977, similar in

*Electrical repair; watch, clock, jewelry repair; reupholstery and furniture repair; miscellaneous repair.

**Motion pictures, production and distribution; theaters; dance halls and studios; bands and orchestras; bowling alleys and pool establishments; commercial sports; and miscellaneous, which includes golf courses, amusement parks, and recreation clubs.

size to the Auto Repair, Services, and Garages industry (SIC 75) and the Hotel, Motel, etc., industry (SIC 701, 703). The Minnesota component accounted for receipts of \$269 million in the same census year.

Minnesota experienced a major boom in real receipts in Amusement and Recreational Services between 1967 and 1972 -- up 64 percent in five years while the national industry rose 34 percent. Overexpansion may have occurred in that period, because the Minnesota industry's real receipts dropped 6 percent between 1972 and 1977, while the national industry went down 4 percent. During the period of real growth, Minnesota moved up faster than the nation, and during decline Minnesota fell a bit faster (Table 2.5).

Nationwide, real receipts per employee in this industry have been about average for the Selected Service industries and have been stable to declining slightly (\$19,300 in 1967; \$19,400 in 1972; and \$18,300 in 1977). The Minnesota averages are much lower (\$14,300, \$14,900, and \$13,800 respectively), perhaps due again to small operations at dispersed locations running at inefficient and sub-optimal scales. Minnesota producers saw real receipts per employee rise faster than the U.S. average between 1967 and 1972 (+4.2% MN vs. +0.5% U.S.) but shrink faster than the U.S. in the next five years (-7.4% MN vs. -5.7% U.S.), the same pattern as that observed in real receipts alone.

There was very large state-to-state variation in receipts per employee at each census date.

Dental Labs (SIC 8072)

This industry was given separate identification in the two most recent economic censuses, but it was only an \$862 million dollar industry nationwide and only a \$23 million industry in Minnesota in 1977. Employment rose

faster than real receipts between 1972 and 1977, so real receipts per employee declined by 15 percent during the period nationwide, and by 12 percent in Minnesota (Table 2.5).

Legal Services (SIC 81)

The Legal Services industry was separately identified and surveyed by the Census Bureau in 1972 and in 1977. Its receipts totalled \$17 billion nationwide in 1977, up 8 percent from 1972 in real terms. During the same period, however, real receipts per employee were down 26 percent (Table 2.5). The 7,000 Minnesota employees of the Legal Services industry had \$276 million in receipts in 1977. Those receipts represented a 7 percent increase in real terms over 1972, but -- as was the case with the nation -- real receipts per employee were down (27 percent) during the period. The Minnesota industry performed much as the nation's, with real receipts per employee nationwide going from \$36,300 in 1972 to \$26,800 in 1977, while Minnesota registered \$33,800 and \$24,600 respectively.

Engineering, Architectural, and
Surveying Services (SIC 891)

This industry, like Dental Labs and Legal Services, was added to the census of Selected Services in 1972 and 1977. A \$14 billion industry nationwide, it had 5,700 employees and receipts of \$181 million in Minnesota in 1977.

The industry is especially active in places where population is rising rapidly and development is proceeding at rapid rates. Real receipts nationwide rose 20 percent between 1972 and 1977, while they dropped slightly in Minnesota (Table 2.5). Real receipts per employee nationwide declined 6 percent during the period, but in Minnesota, where staffing levels failed to drop as fast as real receipts, the decline in real receipts per employee was over 17 percent.

Real receipts per employee were \$24,600 in the U.S. in 1972 and dropped to \$23,100 in 1977. Minnesota lagged behind the U.S. with \$23,500 per employee in 1972, slipping to \$19,400 in 1977.

Conclusion

The Selected Services nationwide appear to have performed well in the early 1970s. Real receipts were expanding and real receipts per employee rose as well. Firms in Minnesota followed national trends, growing vigorously in those years. In the mid-1970s, many industries experienced real declines in receipts, although many receipts were certainly rising in terms of current dollars. But the shocking news seems to be that every major Selected Service industry -- both nationwide and in Minnesota -- had declines in real receipts per employee during the 1972-1977 period.

The mid-1970s may have been unusual years, and we may have used price deflators that were too harsh in translating 1977 figures into 1972 prices. But in our opinion, the onset of serious inflation after 1973-74 created an illusion of prosperity within many businesses, and as a result businesses expanded their staffs and costs faster than later proved to be justifiable. Profit margins eroded in real terms, healthy firms became marginal while marginal firms began to suffer. Many of the marginal firms were to pass from the scene in the twin recessions of 1980-81 and 1981-82.

State and Local Government -- Revenues and Expenditures

Between 1967 and 1977 state and local government revenues per capita in the U.S. nearly tripled, rising from \$539 to \$1,561. The increase of over \$1,000 per capita came from larger revenue transfers from the federal

government (\$211), from higher property taxes (\$157), from higher sales and gross receipts taxes (\$176), higher individual income taxes (\$106), higher corporate income taxes (\$31), charges (\$141), and a wide range of other receipts.

When the numbers are put into constant 1972 dollars, we notice that almost all of the real increase in revenues during the decade occurred in the first five years (Table 2.6). The real increases in the early part of the decade were a genuine cause for alarm, but were obscured or overlooked during the burst of prosperity and economic growth of those years. In the second half of the decade, real expansion of revenues averaged about one percent per year. This growth probably represents roughly state and local government's share of the real growth of national income during the period. It may appear to be more than that because the high inflation rates of the period make the changes appear dramatic when they are reported in current dollars rather than in constant dollars.

Table 2.6--State and Local Government Revenues per Capita, Minnesota and the U.S., 1967-1977

	<u>US</u>	<u>MN</u>
Total Revenues		
1967	\$539	\$603
1972	916	1,002
1977	1,561	1,717
Revenues in 1972 dollars		
1967	\$641	\$718
1977	958	1,053
Percent Change in Real Revenues		
1967-1972	43%	40%
1972-1977	4	5

Sources: U.S. Dept. of Commerce, Bureau of the Census, 1967 Census of Governments, Vol. 4, No. 5, Table 47; 1972 Census of Governments, Vol. 4, No. 5, Table 47; 1977 Census of Governments, Vol. 4, No. 5, Table 48; and authors' calculations.

Minnesota is one of the highest states in levels of state and local government revenues raised per capita. Only nine states and the District of Columbia had higher levels in 1977 (Figure 2.7). On the other hand, although Minnesota's revenue levels are high, the state's real rate of increase of 5 percent between 1972 and 1977 was roughly equal to the national average increase of 4 percent (Table 2.7). Minnesota's rate of increase during those years was surpassed by 21 other states (and the District of Columbia) and tied by three more, so the state appears to be average in this measure (Figure 2.8). (Expenditure patterns are closely correlated state-by-state with revenue patterns.)

Figure 2.7 – State and Local Government Revenues per Capita, 1977.

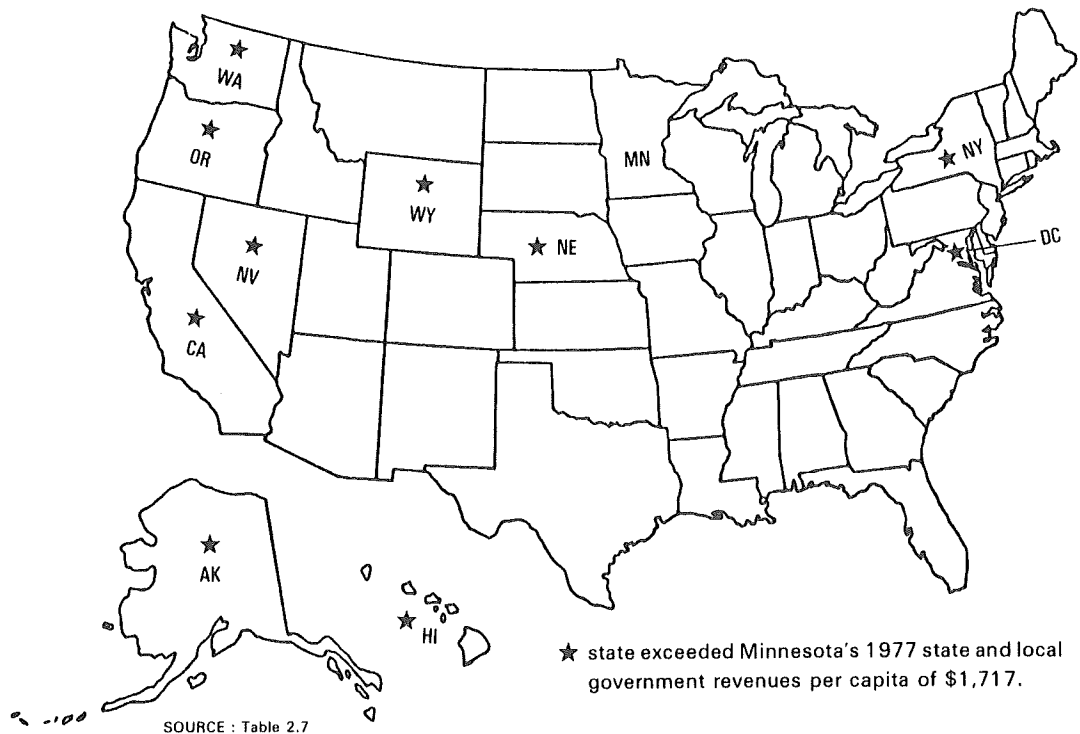


Table 2.7--State and Local Government Revenues and Expenditures, Per Capita, 1967-1977

	Revenues per Capita, 1977 (dollars)	Percent Change in Real Revenues (in constant 1972 dollars)		Expenditures Per Capita 1977 (dollars)	Percent Change in Real Expenditures (in constant 1972 dollars)	
		1967-72	1972-77		1967-72	1972-77
U.S.	\$1,561	43%	4%	\$1,500	43%	1%
Maine	1,310	54	-3	1,319	50	-0
NH	1,259	44	-7	1,289	40	-4
Vt	1,655	50	-5	1,521	40	-12
Mass	1,690	46	5	1,708	57	4
RI	1,563	41	14	1,477	29	9
Conn	1,497	54	-0	1,387	61	-11
NY	2,221	48	6	2,146	62	-5
NJ	1,641	55	12	1,560	67	5
Pa	1,436	51	3	1,432	55	4
Ohio	1,364	37	7	1,314	36	8
Ind	1,137	32	-5	1,056	38	-12
Ill	1,515	67	-0	1,493	54	7
Mich	1,684	49	4	1,603	42	1
Wis	1,561	41	2	1,467	33	0
Minn	1,717	40	5	1,641	41	1
Iowa	1,429	25	7	1,391	28	4
Mo	1,167	38	-1	1,078	40	-8
N Dak	1,539	21	12	1,469	13	13
S Dak	1,313	28	-2	1,287	23	2
Nebr	1,726	32	16	1,826	39	14
Kans	1,351	29	4	1,353	30	10
Del	1,676	42	6	1,663	32	-0
Md	1,584	50	10	1,581	58	4
DC	3,215	106	33	3,459	124	24
Va	1,269	47	6	1,225	42	5
W Va	1,275	47	0	1,236	49	-4
NC	1,234	43	9	1,158	41	9
SC	1,159	51	12	1,095	54	11
Ga	1,287	49	5	1,298	50	9
Fla	1,273	36	1	1,260	35	3
Ky	1,212	35	10	1,165	34	4
Tenn	1,339	42	9	1,325	33	7
Ala	1,267	45	9	1,219	35	8
Miss	1,204	53	3	1,149	47	3
Ark	1,048	38	2	986	25	7
La	1,359	37	3	1,335	26	5
Okla	1,235	27	1	1,156	25	-4
Tex	1,227	43	7	1,178	39	3
Mont	1,658	42	2	1,557	34	5
Idaho	1,318	26	1	1,279	27	4
Wyo	2,100	16	16	1,751	14	-1
Colo	1,639	30	6	1,557	25	6
N Mex	1,457	26	-3	1,278	18	-5
Ariz	1,572	25	5	1,552	28	3
Utah	1,400	25	1	1,370	18	4
Nev	1,889	27	1	1,712	25	-9
Wash	1,856	25	3	1,884	25	3
Oreg	1,817	34	12	1,692	29	7
Calif	2,025	37	3	1,836	26	-1
Alaska	4,187	31	41	3,664	57	-6
Hawaii	2,052	31	13	2,136	48	4

Sources: U.S. Dept. of Commerce, Bureau of the Census, 1967 Census of Governments, Vol. 4, No. 5, Table 47; 1972 Census of Governments, Vol. 4, No. 5, Table 47; 1977 Census of Governments, Vol. 4, No. 5, Table 48; and authors' calculations.

Figure 2.8 – Percentage Change in State and Local Government Revenues per Capita, in Constant 1972 Dollars, 1972–1977.

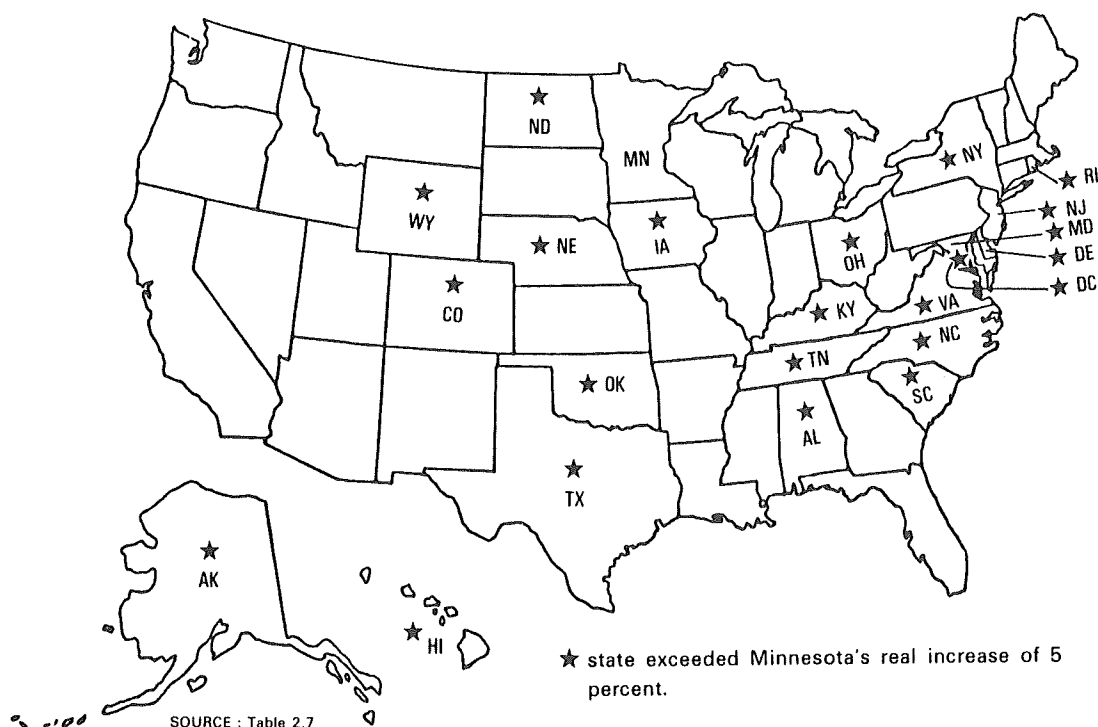


Table 2.8--State and Local Government Employment in Minnesota Compared to National Averages, 1967–1977

	US				MN			
	Employment Per 10,000 Population		Percent Change		Employment Per 10,000 Population		Percent Change	
	1967	1977	1967-1972	1972-1977	1967	1977	1967-1972	1972-1977
Total employment	377	490	21%	8%	385	493	21%	6%
Education	185	237	22	5	204	257	25	1
Libraries	2	3	16	3	3	4	6	9
Public Welfare	10	16	37	16	10	20	38	43
Hospitals, Health	43	57	21	11	45	57	11	14
Other Social Services	3	5	34	16	3	4	-21	104
Highways	28	25	-1	-8	34	29	-2	-13
Other Transport	1	1	7	0	1	1	20	33
Public Safety	29	46	45	9	26	31	20	2
Environment & Housing	23	29	14	10	18	25	12	28
Govt. Administration	21	29	20	17	20	30	17	28
Local Utilities	12	14	7	8	7	14	41	36
Other	14	25	47	26	16	21	39	-5

Sources: U.S. Dept. of Commerce, Bureau of the Census, 1967 Census of Governments, Vol. 3, No. 2, Table 14; 1972 Census of Governments, Vol. 3, No. 2, Table 13; 1977 Census of Governments, Vol. 3, No. 2, Table 12; and authors' calculations.

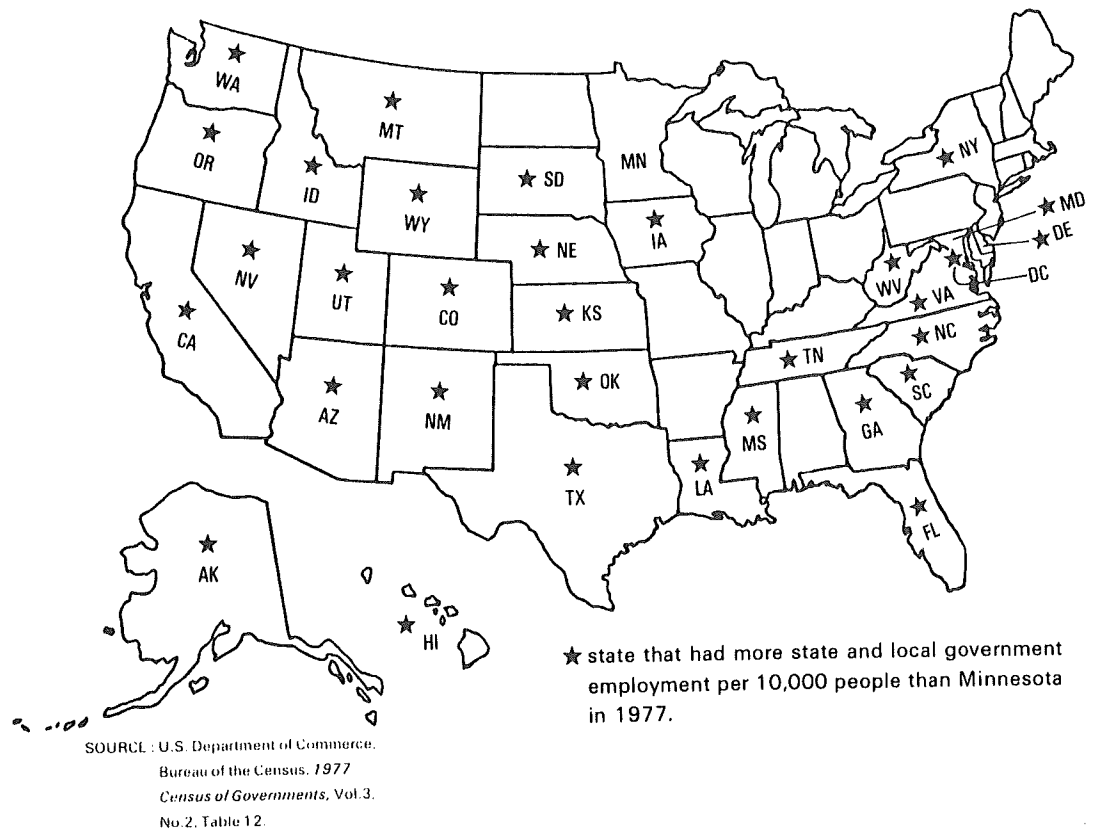
State and Local Government Employment

In 1977 there were 493 state and local government employees per 10,000 population in Minnesota, close to the national average of 490. Nationally and statewide the employment in state and local government had mushroomed 21 percent from 1967 to 1972; then the growth rate dropped to under 10 percent for the next five year period (Table 2.8).

Education accounts for about half the total state and local government employment in Minnesota, followed by hospital-health, public safety, and government administration. The increase of 108 employees per 10,000 population during the decade was distributed mainly to education (53), hospitals-health (12), welfare (10), administration (10), environment and housing (7), and utilities (7).

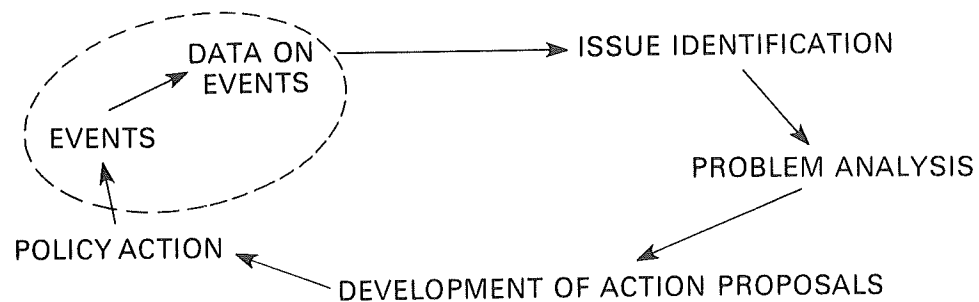
The states that have higher-than-average levels of state and local government employment per 10,000 population include the large, low-density states of the West, and many southern states, which have large numbers of small counties (Figure 2.9). When county and municipal services are provided to large numbers of small jurisdictions the number of government employees per 10,000 population can reach high levels. The densely populated states, on the other hand, can often achieve certain economies of scale and keep the ratio low. The lowest ratios in 1977 were 407 per 10,000 in Pennsylvania, 432 in Connecticut, and 430 in Ohio. The highest were 707 in Alaska, 646 in Wyoming, and 586 in Nevada.

Figure 2.9 – State and Local Government Employment per 10,000 Population, by State, 1977.



Conclusion

The policy process cycle has six elements that operate continuously, with each influencing the next element in the cycle:



The Policy Process Cycle

This report explores the dimensions of economic events in Minnesota and the U.S. during the 1970s. The focus has been on manufacturing, mining, construction, services, and government. An earlier report looked at manufacturing (from a different perspective), and retail and wholesale trade; future reports will examine agriculture, transportation, communications, utilities, finance, insurance, and real estate. Attention will also focus on the changing occupational structure of the Minnesota labor force and women's participation in it during the 1970s. We hope that these reports will contribute in a useful way to issue identification, analysis, and policy action that will benefit the state.

Part 3

Appendix

Data Base Tables for the Mining,
Construction, Service, and State and Local
Government Sectors: State Comparisons

KEY TO TABLE SYMBOLS

-	None.
D	Not disclosed by Census Bureau.
(-)	Cannot be calculated.
NA	Not available.
AA	100 to 249 employees.
BB	250 to 499 employees.
CC	500 to 999 employees.
EE	1,000 to 2,499 employees.
FF	2,500 or more employees.

NOTES

- Throughout the tables, conversions of current dollar figures into 1972 dollars were achieved by the use of the Producer Price Index.
- The Construction sector tables apply to firms with payrolls.
- Tables for the Services apply to establishments with payrolls and are organized into three groups, conforming to the Census Bureau's classification scheme for the sector:
Selected Services, Other Taxable Services, and Non-Taxable Services. By this scheme some service industries that have both taxable and non-taxable parts are split between one of the first two groups (which are comprised of taxable industries) and the third group. Educational Services (SIC 82), for example, is split between Other Taxable Services and Non-Taxable Services, and there is a table for the industry in each group. For further information on the three-group classification scheme, see the text of this report or the 1977 Census of Service Industries.
- Tables for the State and Local Government sector are arranged in three groups by subject: Revenue, Expenditure, and Employment. The order and hierarchical organization of the tables within the three groups are as follows:

<u>Total State and Local Government Revenue</u>	<u>Total State and Local Government Expenditure</u>	<u>Total State and Local Government Employment</u>
Intergovernment Revenue	Intergovernment Expenditure	Education
Total State and Local Taxes	Total Direct General Expenditure	Libraries
Property	Education	
Sales and Gross Receipts	Libraries	Public Welfare
Motor Vehicle License	Public Welfare	
Individual Income	Hospitals, Health	Hospitals, Health
Corporate Income	Other Social Services	
Other and Unallocable	Highways	Other Social Services
	Other Transportation	
Charges and Miscellaneous	Public Safety	Highways
	Environment and Housing	
Utility Revenue	Government Administration	Other Transportation
	Interest on General Debt	
Liquor Store Revenue	Other and Unallocable	Public Safety
Insurance Trust Revenue	Utilities Expenditure	Environment and Housing
	Liquor Store Expenditure	Government Administration
	Insurance Trust Expenditure	Local Utilities
		Other and Unallocable

SIC 10: METAL MINING

	Value Added (Current dollars, millions)			Real Value Added (1972 dollars, millions)		% Change in Real Value Added	
	1967	1972	1977	1967	1977	1967- 1972	1972- 1977
U.S.	\$1,566.6	\$2,381.6	\$3,503.9	\$1,853.2	\$2,148.9	28.5%	-9.8%
NE:							
Maine	-	-	-	(-)	(-)	(-)	(-)
NH	-	-	-	(-)	(-)	(-)	(-)
Vt	-	-	-	(-)	(-)	(-)	(-)
Mass	D	D	D	(-)	(-)	(-)	(-)
RI	-	-	-	(-)	(-)	(-)	(-)
Conn	-	-	D	(-)	(-)	(-)	(-)
MA:							
NY	34.9	25.4	43.5	41.6	26.7	-38.9	5.1
NJ	3.8	D	D	4.5	(-)	(-)	(-)
Pa	D	D	23.1	(-)	14.2	(-)	(-)
ENC:							
Ohio	D	D	D	(-)	(-)	(-)	(-)
Ind	-	-	-	(-)	(-)	(-)	(-)
Ill	-	-	-	(-)	(-)	(-)	(-)
Mich	D	162.4	237.7	(-)	145.8	(-)	-10.2
Wis	3.1	D	D	3.7	(-)	(-)	(-)
WNC:							
Minn	D	469.9	654.2	(-)	401.2	(-)	-14.6
Iowa	-	-	-	(-)	(-)	(-)	(-)
Mo	D	D	245.3	(-)	150.4	(-)	(-)
N Dak	-	-	-	(-)	(-)	(-)	(-)
S Dak	D	D	D	(-)	(-)	(-)	(-)
Nebr	-	-	-	(-)	(-)	(-)	(-)
Kans	-	-	-	(-)	(-)	(-)	(-)
SA:							
Del	-	-	-	(-)	(-)	(-)	(-)
Md	-	-	-	(-)	(-)	(-)	(-)
DC	-	-	-	(-)	(-)	(-)	(-)
VA	D	D	D	(-)	(-)	(-)	(-)
W Va	-	-	-	(-)	(-)	(-)	(-)
NC	-	-	-	(-)	(-)	(-)	(-)
SC	-	-	-	(-)	(-)	(-)	(-)
Ga	D	3.1	D	(-)	(-)	(-)	(-)
Fla	D	D	D	(-)	(-)	(-)	(-)
ESC:							
Ky	-	-	-	(-)	(-)	(-)	(-)
Tenn	D	32.0	42.5	(-)	26.1	(-)	-18.4
Ala	-	-	-	(-)	(-)	(-)	(-)
Miss	-	-	-	(-)	(-)	(-)	(-)
WSC:							
Ark	21.0	D	36.4	25.0	22.3	(-)	(-)
La	-	-	-	(-)	(-)	(-)	(-)
Okla	2.7	D	0.9	3.2	0.6	(-)	(-)
Tex	4.9	15.1	30.2	5.8	18.5	160.3	22.5
MT:							
Mont	D	D	D	(-)	(-)	(-)	(-)
Idaho	-	-	84.1	(-)	51.8	(-)	(-)
Wyo	45.9	65.6	193.5	54.7	118.7	19.9	80.9
Colo	96.1	153.5	261.1	114.5	160.1	34.1	4.3
N Mex	86.9	D	337.5	103.5	207.0	(-)	(-)
Ariz	278.8	D	681.6	332.1	418.0	(-)	(-)
Utah	104.7	191.1	274.2	124.7	168.2	53.2	-12.0
Nev	38.5	75.8	82.3	45.9	50.5	65.1	-33.4
PAC:							
Wash	3.6	D	D	4.3	(-)	(-)	(-)
Oreg	D	D	D	(-)	(-)	(-)	(-)
Calif	76.7	D	97.9	91.3	60.0	(-)	(-)
Alaska	-	-	D	(-)	(-)	(-)	(-)
Hawaii	-	-	-	(-)	(-)	(-)	(-)

Sources: U.S. Department of Commerce, Bureau of the Census, Census of Mineral Industries, 1967, 1972, and 1977.

Employment (thousands)			% Change in Employment		Real Value Added Per Employee (1972 dollars, thousands)			% Change in Real Value Added per Employee		
1967	1972	1977	1967- 1972	1972- 1977	1967	1972	1977	1967- 1972	1972- 1977	
70.9	62.9	87.6	-11.3%	39.3%	\$26.1	\$37.9	\$24.5	44.9%	-35.2%	U.S.
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	NE:
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Maine
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	NH
AA	AA	AA	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Vt
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Mass
-	-	AA	(-)	(-)	(-)	(-)	(-)	(-)	(-)	RI
										Conn
2.9	2.1	2.1	-27.6	.0	14.3	12.1	12.7	-15.7	5.1	MA:
0.3	BB	BB	(-)	(-)	15.0	(-)	(-)	(-)	-	NY
EE	EE	0.9	(-)	(-)	(-)	(-)	15.8	(-)	(-)	NJ
										Pa
CC	CC	CC	(-)	(-)	(-)	(-)	(-)	(-)	(-)	ENC:
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Ohio
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Ind
FF	5.9	4.2	(-)	-28.8	(-)	27.5	34.7	(-)	26.2	Ill
0.1	BB	BB	(-)	(-)	37.0	(-)	(-)	(-)	(-)	Mich
										Wis
FF	10.2	10.1	(-)	-1.0	(-)	46.0	39.7	(-)	-13.6	WNC:
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Minn
FF	FF	3.4	(-)	(-)	(-)	(-)	44.2	(-)	(-)	Iowa
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Mo
EE	EE	EE	(-)	(-)	(-)	(-)	(-)	(-)	(-)	N Dak
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	S Dak
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Nebr
										Kans
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	SA:
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Del
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Md
AA	BB	BB	(-)	(-)	(-)	(-)	(-)	(-)	(-)	DC
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	VA
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	W Va
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	NC
AA	0.2	AA	(-)	(-)	(-)	15.5	(-)	(-)	(-)	SC
BB	BB	CC	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Ga
										Fla
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	ESC:
EE	2.0	1.5	(-)	-25.0	(-)	16.0	17.4	NA	8.8	Ky
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Tenn
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Ala
										Miss
0.7	CC	0.6	(-)	(-)	(-)	(-)	(-)	(-)	(-)	WSC:
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Ark
0.2	AA	0.2	(-)	(-)	(-)	(-)	(-)	(-)	(-)	La
0.2	0.7	0.9	250.0	28.6	29.0	21.6	20.6	-25.6	-4.7	Okla
										Tex
FF	FF	EE	(-)	(-)	(-)	(-)	(-)	(-)	(-)	MT:
-	-	2.3	(-)	(-)	(-)	(-)	22.5	(-)	(-)	Mont
1.9	2.7	4.3	42.1	59.3	28.8	24.3	27.6	-15.6	13.6	Idaho
5.8	5.2	8.2	-10.3	57.7	19.7	29.5	19.5	49.5	-33.9	Wyo
4.0	FF	8.7	(-)	(-)	25.9	(-)	23.8	(-)	(-)	Colo
9.9	FF	19.4	(-)	(-)	33.5	(-)	21.5	(-)	(-)	N Mex
4.6	6.7	8.0	45.7	19.4	27.1	28.5	21.0	5.2	-26.3	Ariz
2.1	2.4	2.7	14.3	12.5	21.9	31.6	18.7	44.5	-40.8	Utah
										Nev
0.4	BB	BB	(-)	(-)	10.8	(-)	(-)	(-)	(-)	PAC:
AA	AA	AA	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Wash
2.5	EE	2.3	(-)	(-)	36.5	(-)	26.9	(-)	(-)	Oreg
-	-	BB	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Calif
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Alaska
										Hawaii

SIC 11: ANTHRACITE MINING

	Value Added (Current dollars, millions)			Real Value Added (1972 dollars, millions)		% Change in Real Value Added	
	1967	1972	1977	1967	1977	1967- 1972	1972- 1977
U.S.	\$82.1	\$68.4	\$123.0	\$97.8	\$75.4	-30.1%	10.2%
NE:							
Maine	-	-	-	(-)	(-)	(-)	(-)
NH	-	-	-	(-)	(-)	(-)	(-)
Vt	-	-	-	(-)	(-)	(-)	(-)
Mass	-	-	-	(-)	(-)	(-)	(-)
RI	-	-	-	(-)	(-)	(-)	(-)
Conn	-	-	-	(-)	(-)	(-)	(-)
MA:							
NY	-	-	-	(-)	(-)	(-)	(-)
NJ	-	-	-	(-)	(-)	(-)	(-)
Pa	82.1	68.4	123.0	97.8	75.4	-30.1	10.2
ENC:							
Ohio	-	-	-	(-)	(-)	(-)	(-)
Ind	-	-	-	(-)	(-)	(-)	(-)
Ill	-	-	-	(-)	(-)	(-)	(-)
Mich	-	-	-	(-)	(-)	(-)	(-)
Wis	-	-	-	(-)	(-)	(-)	(-)
WNC:							
Minn	-	-	-	(-)	(-)	(-)	(-)
Iowa	-	-	-	(-)	(-)	(-)	(-)
Mo	-	-	-	(-)	(-)	(-)	(-)
N Dak	-	-	-	(-)	(-)	(-)	(-)
S Dak	-	-	-	(-)	(-)	(-)	(-)
Nebr	-	-	-	(-)	(-)	(-)	(-)
Kans	-	-	-	(-)	(-)	(-)	(-)
SA:							
Del	-	-	-	(-)	(-)	(-)	(-)
Md	-	-	-	(-)	(-)	(-)	(-)
DC	-	-	-	(-)	(-)	(-)	(-)
VA	-	-	-	(-)	(-)	(-)	(-)
W Va	-	-	-	(-)	(-)	(-)	(-)
NC	-	-	-	(-)	(-)	(-)	(-)
SC	-	-	-	(-)	(-)	(-)	(-)
Ga	-	-	-	(-)	(-)	(-)	(-)
Fla	-	-	-	(-)	(-)	(-)	(-)
ESC:							
Ky	-	-	-	(-)	(-)	(-)	(-)
Tenn	-	-	-	(-)	(-)	(-)	(-)
Ala	-	-	-	(-)	(-)	(-)	(-)
Miss	-	-	-	(-)	(-)	(-)	(-)
WSC:							
Ark	-	-	-	(-)	(-)	(-)	(-)
La	-	-	-	(-)	(-)	(-)	(-)
Okla	-	-	-	(-)	(-)	(-)	(-)
Tex	-	-	-	(-)	(-)	(-)	(-)
MT:							
Mont	-	-	-	(-)	(-)	(-)	(-)
Idaho	-	-	-	(-)	(-)	(-)	(-)
Wyo	-	-	-	(-)	(-)	(-)	(-)
Colo	-	-	-	(-)	(-)	(-)	(-)
N Mex	-	-	-	(-)	(-)	(-)	(-)
Ariz	-	-	-	(-)	(-)	(-)	(-)
Utah	-	-	-	(-)	(-)	(-)	(-)
Nev	-	-	-	(-)	(-)	(-)	(-)
PAC:							
Wash	-	-	-	(-)	(-)	(-)	(-)
Oreg	-	-	-	(-)	(-)	(-)	(-)
Calif	-	-	-	(-)	(-)	(-)	(-)
Alaska	-	-	-	(-)	(-)	(-)	(-)
Hawaii	-	-	-	(-)	(-)	(-)	(-)

Sources: U.S. Department of Commerce, Bureau of the Census, Census of Mineral Industries, 1967, 1972, and 1977.

Employment (thousands)			% Change in Employment		Real Value Added Per Employee, (1972 dollars, thousands)			% Change in Real Value Added per Employee		
1967	1972	1977	1967- 1972	1972- 1977	1967	1972	1977	1967- 1972	1972- 1977	
7.2	4.5	3.6	-37.5%	-20.0%	\$13.6	\$15.2	\$20.9	11.8%	37.5%	U.S.
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	NE:
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Maine
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	NH
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Vt
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Mass
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	RI
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Conn
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	MA:
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	NY
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	NJ
7.2	4.5	3.6	-37.5	-20.0	13.6	15.2	20.9	11.8	37.5	Pa
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	ENC:
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Ohio
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Ind
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Ill
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Mich
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Wis
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	WNC:
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Minn
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Iowa
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Mo
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	N Dak
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	S Dak
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Nebr
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Kans
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	SA:
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Del
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Md
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	DC
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	VA
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	W Va
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	NC
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	SC
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Ga
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Fla
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	ESC:
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Ky
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Tenn
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Ala
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Miss
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	WSC:
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Ark
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	La
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Okla
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Tex
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	MT:
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Mont
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Idaho
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Wyo
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Colo
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	N Mex
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Ariz
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Utah
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Nev
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	PAC:
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Wash
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Oreg
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Calif
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Alaska
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Hawaii

SIC 12: BITUMINOUS COAL AND LIGNITE MINING

	Value Added (Current dollars, millions)			Real Value Added (1972 dollars, millions)		% Change in Real Value Added	
	1967	1972	1977	1967	1977	1967- 1972	1972- 1977
U.S.	\$2,009.2	\$3,685.4	\$11,143.3	\$2,393.0	\$6,834.2	54.0%	85.4%
NE:							
Maine	-	-	-	(-)	(-)	(-)	(-)
NH	-	-	-	(-)	(-)	(-)	(-)
Vt	-	-	-	(-)	(-)	(-)	(-)
Mass	-	-	D	(-)	(-)	(-)	(-)
RI	-	-	-	(-)	(-)	(-)	(-)
Conn	-	-	-	(-)	(-)	(-)	(-)
MA:							
NY	-	-	1.5	(-)	0.9	(-)	(-)
NJ	-	-	-	(-)	(-)	(-)	(-)
Pa	332.2	570.2	1,703.6	395.7	1,044.8	44.1	83.2
ENC:							
Ohio	D	260.1	721.3	(-)	442.4	(-)	70.1
Ind	D	132.1	232.1	(-)	142.3	(-)	7.7
Ill	D	291.7	688.6	(-)	422.3	(-)	44.8
Mich	-	-	-	(-)	(-)	(-)	(-)
Wis	-	-	-	(-)	(-)	(-)	(-)
WNC:							
Minn	-	-	-	(-)	(-)	(-)	(-)
Iowa	D	D	5.0	(-)	3.1	(-)	(-)
Mo	D	D	46.5	(-)	28.5	(-)	(-)
N Dak	D	11.3	47.3	(-)	29.0	(-)	156.6
S Dak	-	-	-	(-)	(-)	(-)	(-)
Nebr	-	-	-	(-)	(-)	(-)	(-)
Kans	-	-	17.5	(-)	10.7	(-)	(-)
SA:							
Del	4.0	D	30.3	4.8	18.6	(-)	(-)
Md							
DC							
VA	131.6	274.5	897.1	156.7	550.2	75.2	100.4
W Va	D	1,042.3	2,593.6	(-)	1,590.7	(-)	52.6
NC	-	-	-	(-)	(-)	(-)	(-)
SC	-	-	-	(-)	(-)	(-)	(-)
Ga	-	-	7.7	(-)	4.7	(-)	(-)
Fla	-	-	-	(-)	(-)	(-)	(-)
ESC:							
Ky	D	659.6	2,284.6	(-)	1,401.1	(-)	112.4
Tenn	24.3	53.3	215.0	28.9	131.9	84.4	147.5
Ala	-	-	467.2	(-)	286.5	(-)	(-)
Miss	-	-	-	(-)	(-)	(-)	(-)
WSC:							
Ark	1.4	3.4	15.3	1.7	9.4	100.0	176.5
La	-	-	-	(-)	(-)	(-)	(-)
Okla	-	-	69.8	(-)	42.8	(-)	(-)
Tex	6.9	6.3	64.7	8.2	39.7	-23.2	530.2
MT:							
Mont	D	D	146.9	(-)	90.1	(-)	(-)
Idaho	-	-	-	(-)	(-)	(-)	(-)
Wyo	9.8	39.2	376.9	11.7	231.2	235.0	489.8
Colo	28.5	37.6	144.0	33.9	88.3	10.9	134.8
N Mex	11.3	D	83.9	13.5	51.5	(-)	(-)
Ariz	D	D	D	(-)	(-)	(-)	(-)
Utah	D	26.8	178.8	(-)	109.7	(-)	309.3
Nev	-	-	-	(-)	(-)	(-)	(-)
PAC:							
Wash	D	D	D	(-)	(-)	(-)	(-)
Oreg	-	-	D	(-)	(-)	(-)	(-)
Calif	-	-	-	(-)	(-)	(-)	(-)
Alaska	D	D	-	(-)	(-)	(-)	(-)
Hawaii	-	-	-	(-)	(-)	(-)	(-)

Sources: U.S. Department of Commerce, Bureau of the Census, Census of Mineral Industries, 1967, 1972, and 1977.

Employment (in thousands)			% Change in Employment		Real Value Added per Employee (1972 dollars, thousands)			% Change in Real Value Added per Employee		
1967	1972	1977	1967- 1972	1972- 1977	1967	1972	1977	1967- 1972	1972- 1977	
124.4	132.5	241.7	6.5%	82.4%	\$19.2	\$27.8	\$28.3	44.6%	1.7%	U.S.
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	NE:
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Maine
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	NH
-	-	AA	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Vt
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Mass
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	RI
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Conn
-	-	0.2	(-)	(-)	(-)	(-)	4.5	(-)	(-)	MA:
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	NY
23.1	26.3	38.9	13.9	47.9	17.1	21.7	26.9	26.6	23.9	NJ
										Pa
FF	10.9	17.4	(-)	59.6	(-)	23.9	25.4	(-)	6.3	ENC:
EE	2.9	4.8	(-)	65.5	(-)	45.6	29.6	(-)	-35.1	Ohio
FF	11.3	15.9	(-)	40.7	(-)	25.8	26.6	(-)	3.1	Ind
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Ill
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Mich
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Wis
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	WNC:
AA	AA	0.1	(-)	(-)	(-)	(-)	31.0	(-)	(-)	Minn
EE	EE	1.6	(-)	(-)	(-)	(-)	17.8	(-)	(-)	Iowa
BB	0.3	0.7	(-)	133.3	(-)	37.7	41.4	(-)	9.8	Mo
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	N Dak
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	S Dak
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Nebr
-	-	0.4	(-)	(-)	(-)	(-)	26.8	(-)	(-)	Kans
0.3	BB	0.5	(-)	(-)	16.0	(-)	37.2	(-)	(-)	SA:
9.5	13.0	19.5	36.8	50.0	16.5	21.1	28.2	28.0	33.6	Del
FF	48.7	65.5	(-)	34.5	(-)	21.4	24.3	(-)	13.6	Md
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	DC
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	VA
-	-	0.2	(-)	(-)	(-)	(-)	(-)	(-)	(-)	W Va
-	-	-	(-)	(-)	(-)	(-)	23.5	(-)	(-)	NC
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	SC
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Ga
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Fla
FF	25.2	43.0	(-)	70.6	(-)	26.2	32.6	(-)	24.4	ESC:
1.7	2.1	4.2	23.5	100.0	17.0	25.4	31.4	49.3	23.7	Ky
-	-	10.8	(-)	(-)	(-)	(-)	26.5	(-)	(-)	Tenn
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Ala
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Miss
0.2	0.2	0.4	100.0	100.0	17.0	17.0	23.5	.0	38.2	WSC:
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Ark
-	-	1.5	(-)	(-)	(-)	(-)	28.5	(-)	(-)	La
0.1	0.4	1.5	300.0	275.0	82.0	15.8	26.5	-80.8	68.0	Okla
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Tex
AA	AA	0.9	(-)	(-)	(-)	(-)	100.1	(-)	(-)	MT:
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Mont
0.4	0.9	3.4	125.0	277.8	29.3	43.6	68.0	48.9	56.1	Idaho
1.5	1.6	3.2	6.7	100.0	22.6	23.5	27.6	4.0	17.4	Wyo
0.3	CC	1.3	(-)	(-)	45.0	(-)	39.6	(-)	(-)	Colo
AA	AA	CC	(-)	(-)	(-)	(-)	(-)	(-)	(-)	N Mex
EE	1.5	3.4	(-)	126.7	(-)	17.9	32.3	(-)	80.4	Ariz
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Utah
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Nev
AA	BB	CC	(-)	(-)	(-)	(-)	(-)	(-)	(-)	PAC:
-	-	AA	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Wash
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Oreg
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Calif
AA	AA	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Alaska
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Hawaii

SIC 13: OIL AND GAS EXTRACTION

	Value Added (Current dollars, millions)			Real Value Added (1972 dollars, millions)		% Change in Real Value Added	
	1967	1972	1977	1967	1977	1967- 1972	1972- 1977
U.S.	\$13,394.3	\$17,621.1	\$48,587.0	\$15,952.6	\$29,798.4	10.5%	69.1%
NE:							
Maine	-	-	-	(-)	(-)	(-)	(-)
NH	-	-	-	(-)	(-)	(-)	(-)
Vt	-	-	-	(-)	(-)	(-)	(-)
Mass	-	-	-	(-)	(-)	(-)	(-)
RI	-	-	-	(-)	(-)	(-)	(-)
Conn	-	-	D	(-)	(-)	(-)	(-)
MA:							
NY	10.1	D	40.6	12.0	24.9	(-)	(-)
NJ	D	D	D	(-)	(-)	(-)	(-)
Pa	D	D	139.5	(-)	85.6	(-)	(-)
ENC:							
Ohio	16.0	42.3	275.3	19.1	168.8	121.5	299.1
Ind	22.0	D	D	26.2	(-)	(-)	(-)
Ill	171.8	D	265.1	204.6	162.6	(-)	(-)
Mich	46.5	61.1	568.2	55.4	348.5	10.3	470.4
Wis	-	-	-	(-)	(-)	(-)	(-)
WNC:							
Minn	D	1.2	D	(-)	(-)	(-)	(-)
Iowa	-	-	-	(-)	(-)	(-)	(-)
Mo	1.4	3.7	8.1	1.7	5.0	117.6	35.1
N Dak	67.6	69.1	271.6	80.5	166.6	-14.2	141.1
S Dak	-	-	-	(-)	(-)	(-)	(-)
Nebr	31.3	D	44.1	37.3	27.0	(-)	(-)
Kans	-	-	1,069.8	(-)	656.1	(-)	(-)
SA:							
Del	-	-	-	(-)	(-)	(-)	(-)
Md	D	2.3	D	(-)	(-)	(-)	(-)
DC	-	-	-	(-)	(-)	(-)	(-)
VA	-	-	D	(-)	(-)	(-)	(-)
W Va	D	121.9	187.1	(-)	114.7	(-)	-5.9
NC	-	-	-	(-)	(-)	(-)	(-)
SC	-	-	-	(-)	(-)	(-)	(-)
Ga	-	-	-	(-)	(-)	(-)	(-)
Fla	D	D	D	(-)	(-)	(-)	(-)
ESC:							
Ky	D	61.4	D	(-)	(-)	(-)	(-)
Tenn	-	-	8.4	(-)	5.2	(-)	(-)
Ala	-	-	245.3	(-)	150.4	(-)	(-)
Miss	178.6	216.0	473.2	212.7	290.2	1.6	34.4
WSC:							
Ar	79.8	79.5	283.3	95.0	173.7	-16.3	118.5
La	3,773.7	5,407.2	11,760.0	4,494.5	7,212.4	20.3	33.4
Okla	964.3	1,092.8	3,288.8	1,148.5	2,017.0	-4.8	84.6
Tex	4,805.4	6,527.9	19,268.1	5,723.2	11,817.1	14.1	81.0
MT:							
Mont	D	91.4	333.3	(-)	204.4	(-)	123.6
Idaho	-	-	-	(-)	(-)	(-)	(-)
Wyo	407.5	498.3	1,433.2	485.3	879.0	2.7	76.4
Colo	115.7	196.7	736.4	137.8	451.6	42.7	129.6
N Mex	546.8	655.2	2,132.7	651.2	1,308.0	.6	99.6
Ariz	D	9.0	D	(-)	(-)	(-)	(-)
Utah	80.0	137.7	405.3	95.3	248.6	44.5	80.5
Nev	-	-	D	(-)	(-)	(-)	(-)
PAC:							
Wash	-	-	5.0	(-)	3.1	(-)	(-)
Oreg	-	-	-	(-)	(-)	(-)	(-)
Calif	1,064.7	1,132.3	3,040.4	1,268.1	1,864.7	-10.7	64.7
Alaska	216.6	345.8	1,198.5	258.0	735.0	34.0	112.6
Hawaii	-	-	-	(-)	(-)	(-)	(-)

Sources: U.S. Department of Commerce, Bureau of the Census, Census of Mineral Industries, 1967, 1972, and 1977.

Employment (in thousands)			% Change in Employment		Real Value Added Per Employee (1972 dollars, thousands)			% Change in Real Value Added per Employee		
1967	1972	1977	1967- 1972	1972- 1977	1967	1972	1977	1967- 1972	1972- 1977	
244.9	240.6	349.2	-1.8%	45.1%	\$65.1	\$73.2	\$85.3	12.4%	16.5%	U.S.
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	NE:
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Maine
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	NH
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Vt
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Mass
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	RI
-	-	BB	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Conn
0.8	D	1.3	(-)	(-)	(-)	(-)	19.2	(-)	(-)	MA:
BB	BB	BB	(-)	(-)	(-)	(-)	(-)	(-)	(-)	NY
FF	FF	2.6	(-)	(-)	(-)	(-)	32.9	(-)	(-)	NJ
										Pa
1.2	1.1	4.5	-8.3	309.1	15.9	38.5	37.5	142.1	-2.6	ENC:
1.2	CC	CC	(-)	(-)	21.8	(-)	(-)	(-)	(-)	Ohio
5.5	FF	4.1	(-)	(-)	37.2	(-)	39.7	(-)	(-)	Ind
1.4	1.8	3.5	28.6	94.4	39.6	33.9	99.6	-14.2	193.8	Ill
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Mich
										Wis
BB	0.2	AA	(-)	(-)	(-)	6.0	(-)	(-)	(-)	WNC:
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Minn
0.9	0.8	0.1	-11.1	-87.5	1.9	4.6	50.0	142.9	987.0	Iowa
1.3	1.0	1.7	-23.1	70.0	61.9	69.1	98.0	11.6	41.8	Mo
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	N Dak
0.7	BB	0.7	(-)	(-)	53.3	(-)	38.6	(-)	(-)	S Dak
-	-	10.4	(-)	(-)	(-)	(-)	63.1	(-)	(-)	Nebr
										Kans
AA	0.1	AA	(-)	(-)	23.0	(-)	(-)	(-)	(-)	SA:
-	-	AA	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Del
FF	2.9	2.9	(-)	3.6	(-)	43.5	39.6	(-)	-9.0	Md
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	DC
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	VA
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	W Va
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	NC
BB	EE	CC	(-)	(-)	(-)	(-)	(-)	(-)	(-)	SC
										Ga
FF	2.2	EE	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Fla
-	-	0.3	(-)	(-)	(-)	(-)	17.3	(-)	(-)	ESC:
-	-	1.0	(-)	(-)	(-)	(-)	150.4	(-)	(-)	Ky
3.5	4.6	4.9	31.4	6.5	60.8	47.0	59.2	-22.7	26.1	Tenn
										Ala
1.5	1.4	2.2	-6.7	57.1	63.3	56.8	79.0	-10.3	39.0	Miss
42.1	46.2	59.2	9.7	28.1	106.8	117.0	121.8	9.6	4.1	WSC:
28.6	25.1	40.2	-12.2	60.2	40.2	43.5	50.2	8.4	15.2	Ar
88.7	88.4	133.9	-0.3	51.5	64.5	73.8	88.3	14.4	19.5	La
										Okla
EE	1.3	2.3	(-)	76.9	(-)	70.3	88.9	(-)	26.5	Tex
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	MT:
5.1	5.8	10.4	13.7	79.3	95.2	85.9	84.5	-9.7	-1.6	Mont
4.9	5.6	10.1	14.3	80.4	28.1	35.1	44.7	24.9	27.3	Idaho
8.3	7.5	10.1	-9.6	34.7	78.5	87.4	129.5	11.3	48.2	Wyo
AA	0.1	AA	(-)	(-)	(-)	90.0	(-)	(-)	(-)	Colo
1.1	2.3	4.1	109.1	78.3	86.7	59.9	60.6	-30.9	1.3	N Mex
-	-	AA	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Ariz
										Utah
-	-	0.2	(-)	(-)	(-)	(-)	15.5	(-)	(-)	Nev
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	PAC:
23.0	18.2	24.7	-20.9	35.7	55.1	62.2	75.5	12.8	21.3	Wash
1.9	2.4	5.0	26.3	108.3	135.8	144.1	147.0	6.1	2.0	Oreg
-	-	-	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Calif
										Alaska
										Hawaii

SIC 14: NONMETALLIC MINERALS, EXCEPT FUELS

	Value Added (Current dollars, millions)			Real Value Added (1972 dollars, millions)		% Change in Real Value Added	
	1967	1972	1977	1967	1977	1967- 1972	1972- 1977
U.S.	\$2,288.0	\$2,723.0	\$4,055.9	\$2,725.0	\$2,487.5	-0.1%	-8.6%
NE:							
Maine	D	2.1	4.9	(-)	3.0	(-)	42.9
NH	3.3	D	D	3.9	(-)	(-)	(-)
Vt	D	D	D	(-)	(-)	(-)	(-)
Mass	D	D	31.7	(-)	19.4	(-)	(-)
RI	D	D	5.0	(-)	3.1	(-)	(-)
Conn	D	17.9	23.4	(-)	14.4	(-)	-19.6
MA:							
NY	92.5	114.9	132.1	110.2	81.0	4.3	-29.5
NJ	D	69.5	73.5	(-)	45.1	(-)	-35.1
Pa	D	126.6	176.9	(-)	108.5	(-)	-14.3
ENC:							
Ohio	107.9	127.0	D	128.5	(-)	-1.2	(-)
Ind	51.1	D	96.5	60.9	59.2	(-)	(-)
Ill	102.1	131.8	208.1	121.6	127.6	8.4	-3.2
Mich	77.0	82.8	131.2	91.7	80.5	-9.7	-2.8
Wis	34.7	D	D	41.3	(-)	(-)	(-)
WNC:							
Minn	21.4	27.1	40.1	25.5	24.6	6.3	-9.2
Iowa	40.4	48.5	80.3	48.1	49.2	0.8	1.4
Mo	49.3	60.2	96.3	58.7	59.1	2.6	-1.8
N Dak	3.7	3.4	5.3	4.4	3.3	-22.7	-2.9
S Dak	D	10.5	22.3	(-)	13.7	(-)	30.5
Nebr	D	18.0	D	(-)	(-)	(-)	(-)
Kans	D	26.2	45.6	(-)	28.0	(-)	6.9
SA:							
Del	30.8	D	46.7	36.7	28.6	(-)	(-)
Md							
DC							
VA	44.3	77.0	106.5	52.8	65.3	45.8	-15.2
W Va	15.8	D	D	18.8	(-)	(-)	(-)
NC	D	68.5	110.9	(-)	68.0	(-)	-0.7
SC	D	32.7	47.1	(-)	28.9	(-)	-11.6
Ga	102.7	154.3	278.6	122.3	170.9	26.2	10.8
Fla	189.0	201.2	435.3	225.1	267.0	-10.6	32.7
ESC:							
Ky	41.4	57.7	91.3	49.3	56.0	17.0	-2.9
Tenn	61.5	65.9	112.2	73.2	68.8	-10.0	4.4
Ala	28.5	53.3	71.7	33.9	44.0	57.2	-17.4
Miss	10.9	16.1	D	13.0	(-)	23.8	(-)
WSC:							
Ar	27.5	D	59.9	32.8	36.7	(-)	(-)
La	203.2	D	219.2	242.0	134.4	(-)	(-)
Okla	14.2	D	58.2	16.9	35.7	(-)	(-)
Tex	173.7	161.7	310.7	206.9	190.6	-21.8	17.9
MT:							
Mont	11.9	10.7	D	14.2	(-)	-24.6	(-)
Idaho	14.3	14.8	44.3	17.0	27.2	-12.9	83.8
Wyo	38.6	75.4	278.4	46.0	170.7	63.9	126.4
Colo	11.1	21.2	37.6	13.2	23.1	60.6	9.0
N Mex	73.8	74.1	134.6	87.9	82.6	-15.7	11.5
Ariz	6.6	11.4	19.7	7.9	12.1	44.3	6.1
Utah	24.9	16.6	52.4	29.7	32.1	-44.1	93.4
Nev	15.2	25.6	57.5	18.1	35.3	41.4	37.9
PAC:							
Wash	15.6	26.8	33.8	18.6	20.7	44.1	-22.8
Oreg	19.0	D	D	22.6	(-)	(-)	(-)
Calif	216.8	244.6	412.0	258.2	252.7	-5.3	3.3
Alaska	-	-	6.4	(-)	3.9	(-)	(-)
Hawaii	5.0	9.0	8.1	6.0	5.0	50.0	-44.4

Sources: U.S. Department of Commerce, Bureau of the Census, Census of Mineral Industries, 1967, 1972, and 1977.

SIC 14: NONMETALLIC MINERALS, EXCEPT FUELS (cont'd.)

Employment (in thousands)			% Change in Employment		Real Value Added Per Employee (1972 dollars, thousands)			% Change in Real Value Added per Employee		
1967	1972	1977	1967- 1972	1972- 1977	1967	1972	1977	1967- 1972	1972- 1977	
119.9	89.4	116.9	-25.4%	30.8%	\$22.7	\$30.4	\$21.3	34.0%	-30.1%	U.S.
AA	0.2	0.3	(-)	50.0	19.5	10.5	10.0	-46.2	-4.8	NE:
0.2	DD	AA	(-)	(-)	(-)	(-)	(-)	(-)	(-)	Maine
CC	CC	CC	(-)	(-)	(-)	(-)	(-)	(-)	(-)	NH
EE	EE	0.9	(-)	(-)	(-)	(-)	21.6	(-)	(-)	Vt
BB	BB	0.1	(-)	(-)	(-)	(-)	31.0	(-)	(-)	Mass
CC	0.7	0.8	(-)	14.3	(-)	25.6	18.0	(-)	-29.7	RI
										Conn
										MA:
5.4	4.6	3.4	-14.8	-26.1	20.4	25.0	23.8	22.4	-4.8	NY
FF	2.6	2.0	(-)	-23.1	(-)	26.7	22.6	(-)	-15.4	NJ
FF	5.9	5.8	(-)	-1.7	(-)	21.5	18.7	(-)	-13.0	Pa
										ENC:
6.0	5.4	FF	-10.0	(-)	21.4	23.5	(-)	9.8	(-)	Ohio
3.1	FF	2.8	(-)	(-)	19.6	(-)	21.1	(-)	(-)	Ind
6.3	5.5	5.8	-12.7	5.5	19.3	24.0	22.0	24.2	-8.2	Ill
3.9	3.6	3.7	-7.7	2.8	23.5	23.0	21.8	-2.2	-5.4	Mich
2.2	EE	EE	(-)	(-)	18.8	(-)	(-)	(-)	(-)	Wis
										WNC:
1.7	1.3	1.2	-23.5	-7.7	15.0	20.8	20.5	38.7	-1.4	Minn
2.6	2.4	2.7	-7.7	12.5	18.5	20.2	18.2	9.2	-9.8	Iowa
3.5	3.2	2.9	-8.6	-9.4	16.8	18.8	20.4	11.9	8.5	Mo
0.3	0.2	0.2	-33.3	0.0	14.7	17.0	16.5	15.6	-2.9	N Dak
CC	0.5	0.7	(-)	40.0	(-)	21.0	19.6	(-)	-6.7	S Dak
EE	1.0	EE	(-)	(-)	(-)	18.0	(-)	(-)	(-)	Nebr
EE	1.4	1.4	(-)	0.0	(-)	18.7	20.0	(-)	7.0	Kans
										SA:
1.8	EE	1.4	(-)	(-)	20.4	(-)	20.4	(-)	(-)	Del
3.4	3.5	3.1	2.9	-11.4	15.5	22.0	21.1	41.7	-4.3	Md
1.2	EE	EE	(-)	(-)	15.7	(-)	(-)	(-)	(-)	DC
FF	3.3	3.7	(-)	12.1	(-)	20.8	18.4	(-)	-11.5	VA
FF	1.5	1.5	(-)	0.0	(-)	21.8	19.3	(-)	-11.5	W Va
6.0	6.4	7.0	6.7	9.4	20.4	24.1	24.4	18.3	1.3	NC
7.4	7.5	8.4	1.4	12.0	30.4	26.8	31.8	-11.8	18.7	SC
										Ga
										Fla
										ESC:
2.9	2.8	2.6	-3.4	-7.1	17.0	20.6	21.5	21.2	4.5	Ky
3.3	3.2	3.2	-3.0	0.0	22.2	20.6	21.5	-7.2	4.4	Tenn
1.9	2.3	2.2	21.1	-4.3	17.8	23.2	20.0	29.9	-13.7	Ala
0.8	0.9	EE	12.5	(-)	16.3	17.9	(-)	9.8	(-)	Miss
										WSC:
1.8	EE	1.6	(-)	(-)	18.2	(-)	22.9	(-)	(-)	Ark
4.2	FF	3.8	(-)	(-)	57.6	(-)	35.4	(-)	(-)	La
1.0	EE	1.6	(-)	(-)	16.9	(-)	22.3	(-)	(-)	Okla
6.4	6.4	7.1	0.0	10.9	32.3	25.3	26.8	-21.8	5.9	Tex
										MT:
1.0	0.7	CC	-30.0	(-)	14.2	15.3	(-)	7.7	(-)	Mont
0.7	0.7	0.9	0.0	28.6	24.3	21.1	30.2	-13.2	43.1	Idaho
1.4	2.1	4.6	50.0	119.0	32.9	35.9	37.1	9.1	3.4	Wyo
0.6	1.1	1.3	83.3	18.2	22.0	19.3	17.8	-12.4	-7.8	Colo
3.9	2.9	3.5	-25.6	20.7	22.5	25.6	23.6	13.8	-7.8	N Mex
0.6	0.7	0.6	16.7	-14.3	13.2	16.3	20.2	23.7	23.8	Ariz
1.4	0.9	1.2	-35.7	33.3	21.2	18.4	26.8	-13.1	45.0	Utah
0.7	0.8	1.1	14.3	37.5	25.9	32.0	32.1	23.8	0.3	Nev
										PAC:
1.0	1.3	0.8	30.0	38.5	18.6	20.6	25.9	10.8	25.7	Wash
1.2	EE	EE	(-)	(-)	18.8	(-)	(-)	(-)	(-)	Oreg
9.4	9.0	7.7	-4.3	-14.4	27.5	27.2	32.8	-1.1	20.8	Calif
-	-	0.2	(-)	(-)	(-)	(-)	19.5	(-)	(-)	Alaska
0.2	0.3	0.1	50.0	-66.7	30.0	30.0	50.0	0.0	66.7	Hawaii

SIC 15: GENERAL BUILDING CONTRACTORS

	Value Added (Current dollars, millions)			Real Value Added (1972 dollars, millions)		% Change in Real Value Added	
	1967	1972	1977	1967	1977	1967- 1972	1972- 1977
U.S.	\$36,925.7	\$64,349.9	\$89,786.6	\$43,978.5	\$55,066.1	46.3%	-14.4%
NE:							
Maine	121.1	212.9	293.4	144.2	179.9	47.6	-15.5
NH	127.5	332.6	384.8	151.9	236.0	119.0	-29.0
Vt	71.0	134.2	152.7	84.6	93.7	58.6	-30.2
Mass	1,002.9	1,761.1	1,529.1	1,194.5	937.8	47.4	-46.7
RI	214.4	364.5	379.0	255.4	232.4	42.7	-36.2
Conn	600.0	986.3	1,050.4	714.6	644.2	38.0	-34.7
MA:							
NY	2,826.1	4,472.0	3,784.9	3,365.9	2,321.3	32.9	-48.1
NJ	1,013.7	1,936.4	1,983.6	1,207.3	1,216.5	60.4	-37.2
Pa	1,690.0	2,745.0	3,648.8	2,012.8	2,237.8	36.4	-18.5
ENC:							
Ohio	1,783.4	3,080.8	3,971.4	2,124.0	2,435.7	45.0	-20.9
Ind	854.6	1,249.7	2,076.5	1,017.8	1,273.5	22.8	1.9
Ill	1,997.4	3,390.4	4,591.8	2,378.9	2,816.2	42.5	-16.9
Mich	1,667.1	2,457.3	2,828.1	1,985.5	1,734.5	23.8	-29.4
Wis	674.3	1,012.6	1,827.3	803.1	1,120.7	26.1	10.7
WNC:							
Minn	621.9	1,115.2	1,879.2	740.7	1,152.5	50.6	3.3
Iowa	368.2	575.7	1,203.2	438.5	737.9	31.3	28.2
Mo	767.6	1,288.3	1,938.6	914.2	1,188.9	40.9	-7.7
N Dak	78.9	145.9	318.3	94.0	195.2	55.2	33.8
S Dak	63.1	96.9	241.4	75.2	148.1	28.9	52.8
Nebr	269.7	428.4	703.9	321.2	431.7	33.4	.8
Kans	339.0	612.1	946.5	403.7	580.5	51.6	-5.2
SA:							
Del	94.6	245.1	214.9	112.7	131.8	117.5	-46.2
Md	713.8	1,624.9	2,388.6	850.1	1,464.9	91.1	-9.8
DC	348.5	234.5	321.9	415.1	197.4	-43.5	-15.8
VA	751.1	1,501.1	2,381.7	894.6	1,460.7	67.8	-2.7
W Va	131.0	204.7	420.2	156.0	257.7	31.2	25.9
NC	800.1	1,569.7	1,996.7	952.9	1,224.6	64.7	-22.0
SC	689.9	1,210.6	1,858.1	821.7	1,139.6	47.3	-5.9
Ga	831.7	1,852.9	1,841.6	990.6	1,129.5	87.0	-39.0
Fla	1,294.7	4,349.0	4,287.7	1,542.0	2,629.6	182.0	-39.5
ESC:							
Ky	363.9	577.7	988.7	433.4	606.4	33.3	5.0
Tenn	684.3	1,342.9	1,606.9	815.0	985.5	64.8	-26.6
Ala	440.2	1,063.1	1,836.2	524.3	1,126.1	102.8	5.9
Miss	207.5	474.4	545.8	247.1	334.7	92.0	-29.4
WSC:							
Ark	238.5	541.2	735.6	284.1	451.1	90.5	-16.6
La	496.1	987.1	1,370.4	590.9	840.5	67.1	-14.9
Okla	288.3	691.5	921.8	343.4	565.3	101.4	-18.3
Tex	1,821.7	4,097.9	6,992.0	2,169.6	4,288.2	88.9	4.6
MT:							
Mont	77.1	122.8	386.3	91.8	236.9	33.8	92.9
Idaho	71.5	194.6	449.6	85.2	275.7	128.4	41.7
Wyo	38.2	83.4	237.3	45.5	145.5	83.3	74.5
Colo	419.8	1,353.5	1,976.2	500.0	1,212.0	170.7	-10.5
N Mex	119.4	329.6	521.4	142.2	319.8	131.8	-3.0
Ariz	269.0	1,320.3	1,615.9	320.4	991.0	312.1	-24.9
Utah	178.0	421.4	823.3	212.0	504.9	98.8	19.8
Nev	79.3	262.6	469.2	94.4	287.8	178.2	9.6
PAC:							
Wash	748.6	1,020.5	2,309.1	891.6	1,416.2	14.5	38.8
Oreg	323.1	595.3	1,135.9	384.8	696.6	54.7	17.0
Calif	3,416.1	6,994.7	12,246.4	4,068.6	7,510.7	71.9	7.4
Alaska	80.2	174.0	404.0	95.5	247.8	82.2	42.4
Hawaii	282.4	560.7	770.2	336.3	472.4	66.7	-15.7

Sources: U.S. Department of Commerce, Bureau of the Census, Census of Construction Industries, 1967, 1972, and 1977.

Employment (thousands)			% Change in Employment		Real Value Added Per Employee (1972 dollars, thousands)			% Change in Real Value Added per Employee		
1967	1972	1977	1967- 1972	1972- 1977	1967	1972	1977	1967- 1972	1972- 1977	
938.0	1,149.5	1,180.7	22.5%	2.7%	\$46.9	\$56.0	\$46.6	19.4%	-16.8%	U.S.
4.9	6.6	6.5	33.7	-1.1	29.4	32.5	27.7	10.5	-14.8	NE:
4.6	8.8	6.4	91.1	-27.5	32.8	37.6	36.8	14.6	-2.1	Maine
3.4	4.4	3.6	30.7	-19.1	24.9	30.2	26.0	21.3	-13.9	NH
24.8	29.5	20.7	18.7	-29.7	48.1	59.8	45.2	24.3	-24.4	Vt
6.6	6.0	5.1	-9.1	-13.9	39.0	61.1	45.3	56.7	-25.9	Mass
14.2	15.5	12.6	9.2	-18.7	50.4	63.7	51.2	26.4	-19.6	RI
										Conn
65.4	65.8	49.0	.7	-25.6	51.5	67.9	47.4	31.8	-30.2	MA:
26.5	32.3	25.0	22.2	-22.7	45.6	59.9	48.7	31.4	-18.7	NY
45.7	53.3	54.4	16.6	2.1	44.1	51.5	41.2	16.8	-20.0	NJ
										Pa
41.8	48.2	48.5	15.3	0.5	50.8	63.9	50.2	25.8	-21.4	ENC:
23.1	25.0	29.6	8.5	18.2	44.1	49.9	43.0	13.2	-13.8	Ohio
45.2	48.4	51.6	7.1	6.7	52.7	70.1	54.6	33.0	-22.1	Ind
33.5	32.6	31.8	-2.7	-2.6	59.3	75.4	54.6	27.2	-27.6	Ill
19.1	20.7	25.3	8.7	21.9	42.1	48.8	44.3	15.9	-9.2	Mich
										Wis
17.8	20.1	24.6	13.1	22.6	41.7	55.5	46.8	33.1	-15.7	WNC:
13.3	13.5	19.7	1.9	45.7	33.0	42.6	37.5	29.1	-12.0	Minn
19.4	23.8	27.1	22.6	13.8	47.1	54.2	43.9	15.1	-19.0	Iowa
2.7	3.5	5.8	28.4	65.9	34.3	41.4	33.4	20.7	-19.3	Mo
2.3	2.6	4.4	12.3	72.8	33.1	38.0	33.6	14.8	-11.6	N Dak
7.4	9.1	10.5	24.1	14.4	43.6	46.9	41.3	7.6	-11.9	S Dak
10.2	11.3	14.8	10.3	31.4	39.5	54.3	39.2	37.5	-27.8	Nebr
										Kans
2.8	4.4	3.8	60.0	-13.5	40.6	55.1	34.3	35.7	-37.7	SA:
18.2	27.1	27.1	49.2	-.1	46.8	60.0	54.1	28.2	-9.8	Del
7.3	3.7	4.1	-49.5	11.2	57.1	63.8	48.3	11.7	-24.3	Md
23.6	34.1	35.5	44.5	4.3	38.0	44.1	41.1	16.1	-6.8	DC
5.5	6.2	10.6	12.0	72.7	28.3	33.2	24.2	17.3	-27.1	VA
31.1	41.7	37.2	33.9	-10.8	30.6	37.6	32.9	22.9	-12.5	W Va
23.9	34.7	42.1	45.1	21.2	34.3	34.9	27.1	1.7	-22.3	NC
25.8	39.2	29.7	51.9	-24.4	38.3	47.2	38.0	23.2	-19.5	SC
31.0	76.8	58.2	147.6	-24.2	49.7	56.7	45.2	14.1	-20.3	Ga
										Fla
12.0	14.0	16.7	16.4	19.3	36.0	41.3	36.3	14.7	-12.1	ESC:
20.4	27.7	26.0	35.8	-6.2	39.9	48.4	37.9	21.3	-21.7	Ky
15.5	24.4	30.0	57.4	23.1	33.8	43.6	37.5	29.0	-14.0	Tenn
8.1	12.5	10.9	55.2	-13.0	30.6	37.9	30.7	23.9	-19.0	Ala
										Miss
9.2	13.4	12.2	45.2	-9.3	30.8	40.4	37.1	31.2	-8.2	WSC:
16.4	22.9	25.4	39.2	11.0	35.9	43.1	33.1	20.1	-23.2	Ark
9.5	15.2	12.7	60.0	-16.1	36.2	45.5	44.4	25.7	-2.4	La
55.5	75.2	88.1	35.6	17.2	39.1	54.5	48.7	39.4	-10.6	Okla
										Tex
2.7	3.4	5.7	25.4	70.1	34.3	36.6	41.5	6.7	13.4	MT:
2.1	3.7	6.0	72.1	63.0	39.8	52.8	45.9	32.7	-13.1	Mont
1.2	1.9	3.9	58.8	108.6	38.9	44.9	37.5	15.4	-16.5	Idaho
8.4	22.8	21.5	172.0	-5.8	59.6	59.3	56.4	-.5	-4.9	Wyo
4.1	8.5	10.0	105.5	18.5	34.6	39.0	31.9	12.7	-18.2	Colo
6.1	15.8	16.5	159.8	4.4	52.6	83.4	59.9	58.6	-28.2	N Mex
3.8	7.1	10.6	88.7	48.7	56.2	59.2	47.7	5.3	-19.4	Ariz
2.0	4.5	5.1	127.9	13.1	47.9	58.5	56.7	22.1	-3.1	Utah
										Nev
18.2	18.3	27.8	.6	52.1	49.0	55.8	50.9	13.9	-8.8	PAC:
7.6	11.4	13.9	49.6	21.9	50.5	52.2	50.1	3.4	-4.0	Wash
60.2	85.9	101.0	42.7	17.6	67.6	81.4	74.4	20.4	-8.6	Oreg
1.1	2.2	3.6	108.9	59.3	89.3	77.9	69.6	-12.8	-10.7	Calif
6.8	9.9	7.9	45.5	-19.8	49.4	56.6	59.5	14.6	5.1	Alaska
										Hawaii

SIC 16: HEAVY CONSTRUCTION

	Value Added (Current dollars, millions)			Real Value Added (1972 dollars, millions)		% Change in Real Value Added	
	1967	1972	1977	1967	1977	1967- 1972	1972- 1977
U.S.	\$24,469.3	\$31,460.9	\$50,727.8	\$29,142.9	\$31,111.4	8.0%	-1.1%
NE:							
Maine	68.3	131.2	160.9	81.3	98.7	61.4	-24.8
NH	D	71.6	158.0	(-)	96.9	(-)	35.3
Vt	D	44.5	D	(-)	(-)	(-)	(-)
Mass	482.5	1,016.3	1,077.7	574.7	661.0	76.8	-35.0
RI	96.6	134.0	94.9	115.1	58.2	16.4	-56.6
Conn	325.3	380.5	569.5	387.4	349.3	-1.8	-8.2
MA:							
NY	1,770.7	1,654.9	1,966.0	2,108.9	1,205.7	-21.5	-27.1
NJ	770.1	958.0	1,270.1	917.2	779.0	4.4	-18.7
Pa	1,861.7	D	2,508.1	2,217.3	1,538.2	(-)	(-)
ENC:							
Ohio	1,120.6	1,331.4	1,952.7	1,334.6	1,197.6	-2.2	-10.0
Ind	497.6	718.0	951.0	592.6	583.2	21.2	-18.8
Ill	1,223.7	1,449.9	2,308.4	1,457.4	1,415.7	-0.5	-2.4
Mich	655.8	1,025.8	1,715.3	781.1	1,052.0	31.3	2.6
Wis	340.0	403.4	616.9	404.9	378.3	-4.4	-6.2
WNC:							
Minn	519.9	760.1	1,107.7	619.2	679.4	22.8	-10.6
Iowa	314.7	336.4	568.2	374.8	348.5	-10.2	3.6
Mo	362.5	416.4	795.7	431.7	488.0	-3.5	17.2
N Dak	89.3	D	179.5	106.4	110.1	(-)	(-)
S Dak	81.7	D	D	97.3	(-)	(-)	(-)
Nebr	231.8	213.1	397.5	276.1	243.8	-22.8	14.4
Kans	278.4	323.6	611.2	331.6	374.8	-2.4	15.8
SA:							
Del	D	430.2	581.5	(-)	356.6	(-)	-17.1
Md	427.7	928.4	1,212.0	509.4	743.3	82.3	-19.9
DC	33.5	97.7	140.5	39.9	86.2	144.9	-11.8
VA	429.0	598.4	873.3	510.9	535.6	17.1	-10.5
W Va	330.2	217.9	392.5	393.3	240.7	-44.6	10.5
NC	D	765.9	815.1	(-)	499.9	(-)	-34.7
SC	192.0	306.8	D	228.7	(-)	34.1	(-)
Ga	456.4	577.9	983.8	543.6	603.4	6.3	4.4
Fla	662.6	959.2	1,456.3	789.2	893.1	21.5	-6.9
ESC:							
Ky	318.7	443.9	584.6	379.6	358.5	16.9	-19.2
Tenn	395.2	509.3	720.9	470.7	442.1	8.2	-13.2
Ala	338.0	364.9	733.5	402.6	449.9	-9.4	23.3
Miss	167.4	279.3	363.0	199.4	222.6	40.1	-20.3
WSC:							
Ark	162.2	199.3	227.1	193.2	139.3	3.2	-30.1
La	567.5	833.4	1,644.5	675.9	1,008.6	23.3	21.0
Okla	296.1	398.6	581.9	352.7	356.9	13.0	-10.5
Tex	2,054.7	2,869.0	7,448.0	2,447.1	4,567.9	17.2	59.2
MT:							
Mont	D	146.0	180.8	(-)	110.9	(-)	(-)
Idaho	D	274.8	D	(-)	(-)	(-)	(-)
Wyo	D	92.4	D	(-)	(-)	(-)	(-)
Colo	D	401.6	903.4	(-)	554.1	(-)	38.0
N Mex	110.2	137.2	282.0	131.2	173.0	4.6	26.1
Ariz	148.6	266.7	391.0	177.0	239.8	50.7	-10.1
Utah	136.9	214.4	343.8	163.0	210.9	31.5	-1.6
Nev	D	D	272.9	(-)	167.4	(-)	(-)
PAC:							
Wash	584.7	691.4	1,053.7	696.4	646.2	-7.7	-6.5
Oreg	278.8	356.8	498.4	332.1	305.7	7.4	-14.3
Calif	3,541.6	4,020.7	7,049.0	4,218.0	4,323.2	-4.7	7.5
Alaska	82.7	107.2	652.7	98.5	400.3	8.8	273.4
Hawaii	65.7	124.2	D	78.2	(-)	58.8	(-)

Sources: U.S. Department of Commerce, Bureau of the Census, Census of Construction Industries, 1967, 1972, and 1977.

Employment (thousands)			% Change in Employment		Real Value Added Per Employee (1972 dollars, thousands)			% Change in Real Value Added per Employee		
1967	1972	1977	1967- 1972	1972- 1977	1967	1972	1977	1967- 1972	1972- 1977	
884.4	827.3	917.1	-6.4%	10.8%	\$33.0	\$38.0	\$33.9	15.2%	-10.8%	U.S.
3.5	4.5	4.2	27.7	-5.8	23.3	29.4	23.5	26.2	-20.1	NE:
2.2	2.0	3.2	-11.1	64.0	(-)	36.3	30.0	(-)	-17.4	Maine
1.1	1.1	1.3	-2.5	16.8	(-)	40.5	(-)	(-)	(-)	NH
19.4	23.7	24.4	22.3	3.1	29.7	42.9	27.1	44.4	-36.8	Vt
3.3	3.8	1.7	14.3	-54.6	34.4	35.0	33.5	1.7	-4.3	Mass
14.1	11.5	10.5	-18.3	-8.3	27.6	33.1	33.2	19.9	0.3	RI
										Conn
54.1	40.4	31.5	-25.4	-22.0	38.9	41.0	38.3	5.4	-6.6	MA:
22.8	20.0	29.2	-12.5	45.8	40.2	47.9	26.7	19.2	-44.3	NY
71.8	0	48.6	(-)	(-)	30.9	(-)	31.7	(-)	(-)	NJ
										Pa
38.4	34.6	33.5	-10.0	-3.1	34.7	38.5	35.8	11.0	-7.0	ENC:
17.3	19.2	19.8	10.7	3.2	34.2	37.5	29.5	9.6	-21.3	Ohio
38.7	36.4	39.3	-5.7	7.7	38.0	39.8	36.1	4.7	-9.3	Ind
20.6	20.9	23.2	1.8	11.1	38.0	49.0	45.3	28.9	-7.6	Ill
10.8	10.1	9.8	-6.6	-3.2	37.5	40.0	38.7	6.7	-3.3	Mich
										Wis
16.8	18.0	17.9	7.6	-.9	36.9	42.1	38.0	14.1	-9.7	WNC:
11.2	8.5	9.2	-24.7	8.3	33.4	39.8	38.0	19.2	-4.5	Minn
14.6	11.7	13.2	-19.8	12.7	29.6	35.6	37.0	20.3	3.9	Iowa
3.2	0	3.1	(-)	(-)	33.3	(-)	35.5	(-)	(-)	Mo
2.8	0	0	(-)	(-)	34.8	(-)	(-)	(-)	(-)	N Dak
7.2	5.3	6.8	-26.8	30.4	38.5	40.6	35.6	5.5	-12.3	S Dak
11.3	9.6	13.6	-14.8	41.4	29.4	33.7	27.6	14.6	-18.1	Nebr
										Kans
11.9	6.0	4.7	-49.6	-21.7	(-)	71.7	75.9	(-)	5.9	SA:
15.7	19.7	20.2	25.0	2.7	32.4	47.2	36.8	45.7	-22.0	Del
1.7	2.5	2.2	44.7	-14.2	22.9	38.8	39.9	69.4	2.8	Md
19.8	18.8	20.5	-5.4	9.6	25.8	31.9	26.1	23.6	-18.2	DC
7.8	7.2	9.2	-7.1	26.7	50.5	30.1	26.3	-40.4	-12.6	VA
20.6	26.3	18.8	27.7	-28.5	(-)	29.1	26.6	(-)	-8.6	W Va
8.1	9.8	12.1	21.0	23.5	28.2	31.3	(-)	11.0	(-)	NC
22.0	17.6	20.5	-20.1	17.0	24.7	32.9	29.4	33.2	-10.6	SC
27.2	29.4	28.4	7.9	-3.2	29.0	32.7	31.4	12.8	-4.0	Ga
										Fla
11.5	11.8	11.0	2.5	-7.0	33.0	37.6	32.7	13.9	-13.0	ESC:
17.9	14.9	16.0	-16.7	7.4	26.4	34.3	27.7	29.9	-19.2	Ky
15.5	11.9	16.8	-23.5	41.8	25.9	30.7	26.7	18.5	-13.0	Tenn
7.4	10.1	8.9	36.4	-11.6	27.0	27.7	25.0	2.6	-9.7	Ala
										Miss
7.5	6.5	5.8	-13.3	-10.8	25.6	30.5	23.9	19.1	-21.6	WSC:
28.6	28.6	37.0	.3	29.2	23.7	29.1	27.2	22.8	-6.5	Ark
13.1	12.7	11.7	-3.3	-7.6	27.0	31.5	30.5	16.7	-3.2	La
91.1	89.7	144.6	-1.6	61.3	26.9	32.0	31.6	19.0	-1.3	Okla
										Tex
3.8	3.4	3.4	-11.2	.8	(-)	43.3	32.6	(-)	-24.7	MT:
6.1	7.9	5.2	29.9	-34.2	(-)	34.9	(-)	(-)	(-)	Mont
2.6	2.7	3.7	6.2	35.3	(-)	34.1	(-)	(-)	(-)	Idaho
13.3	13.5	15.3	1.6	13.1	(-)	29.7	36.3	(-)	22.2	Wyo
4.7	4.9	6.9	5.5	40.8	28.1	27.8	24.9	-1.1	-10.4	Colo
4.9	5.7	5.1	16.0	-10.9	35.8	46.6	47.0	30.2	0.9	N Mex
4.8	5.7	6.6	17.0	17.6	33.7	37.9	31.7	12.5	-16.4	Ariz
6.7	0	5.0	(-)	(-)	(-)	(-)	33.7	(-)	(-)	Utah
										Nev
17.4	15.9	16.5	-8.3	3.4	40.1	43.4	39.2	8.2	-9.7	PAC:
9.2	7.8	7.7	-15.4	-1.4	36.2	46.0	39.9	27.1	-13.3	Wash
94.1	74.1	97.0	-21.2	30.9	44.8	54.3	44.6	21.2	-17.9	Oreg
1.6	1.5	7.7	-7.4	416.7	61.3	72.0	52.1	17.5	-27.6	Calif
2.6	3.1	2.3	20.8	-26.3	30.0	39.5	(-)	31.7	(-)	Alaska
										Hawaii

SIC 17: SPECIAL TRADE CONTRACTORS

	Value Added (Current dollars, millions)			Real Value Added (1972 dollars, millions)		% Change in Real Value Added	
	1967	1972	1977	1967	1977	1967- 1972	1972- 1977
U.S.	\$32,059.4	\$56,910.8	\$81,108.1	\$38,182.7	\$49,743.6	49.0%	-12.6%
NE:							
Maine	102.0	206.0	277.2	121.5	170.0	69.5	-17.5
NH	D	190.0	243.1	(-)	149.1	(-)	-21.5
Vt	D	94.5	118.2	(-)	72.5	(-)	-23.3
Mass	927.8	1,723.3	1,574.4	1,105.0	965.6	56.0	-44.0
RI	D	281.4	274.4	(-)	168.3	(-)	-40.2
Conn	545.1	993.1	987.0	649.2	605.3	53.0	-39.0
MA:							
NY	3,412.4	5,560.2	4,926.3	4,064.2	3,021.3	36.8	-45.7
NJ	1,302.9	D	2,354.9	1,551.8	1,444.3	(-)	(-)
Pa	1,878.7	3,277.0	4,382.1	2,237.5	2,687.5	46.5	-18.0
ENC:							
Ohio	1,675.9	2,685.8	3,862.0	1,996.0	2,368.6	34.6	-11.8
Ind	768.7	1,206.5	1,830.3	915.5	1,122.5	31.8	-7.0
Ill	2,393.2	3,610.1	5,201.6	2,850.3	3,190.1	26.7	-11.6
Mich	1,673.6	2,389.0	3,175.7	1,993.3	1,947.7	19.9	-18.5
Wis	740.7	1,101.4	1,896.8	882.2	1,163.3	24.8	5.6
WNC:							
Minn	818.9	1,039.7	1,704.7	975.3	1,045.5	6.6	0.6
Iowa	369.0	525.2	1,049.3	439.5	643.5	19.5	22.5
Mo	810.4	1,252.3	1,861.1	965.2	1,141.4	29.7	-8.9
N Dak	D	93.6	243.9	(-)	149.6	(-)	59.8
S Dak	D	85.7	195.2	(-)	119.7	(-)	39.7
Nebr	226.7	397.4	825.0	270.0	506.0	47.2	27.3
Kans	254.9	444.9	868.5	303.6	532.7	46.5	19.7
SA:							
Del	106.7	184.7	291.5	127.1	178.8	45.3	-3.2
Md	739.0	1,364.8	1,918.2	880.1	1,176.4	55.1	-13.8
DC	187.1	213.9	202.2	222.8	124.0	-4.0	-42.0
VA	685.9	1,291.2	1,767.4	816.9	1,083.9	58.1	-16.1
W Va	125.2	214.7	351.3	149.1	215.5	44.0	0.4
NC	D	1,188.5	1,625.7	(-)	997.0	(-)	-16.1
SC	284.0	549.8	806.1	338.2	494.4	62.6	-10.1
Ga	599.5	1,291.7	1,499.0	714.0	919.3	80.9	-28.8
Fla	1,087.7	2,942.1	3,212.6	1,295.5	1,970.3	127.1	-33.0
ESC:							
Ky	316.1	601.9	902.5	376.5	553.5	59.9	-8.0
Tenn	505.0	937.7	1,319.8	601.5	809.4	55.9	-13.7
Ala	335.2	630.6	1,014.0	399.2	621.9	58.0	-1.4
Miss	156.6	283.3	427.1	186.5	261.9	51.9	-7.6
WSC:							
Ark	163.3	300.8	509.7	194.5	312.6	54.7	3.9
La	449.6	767.4	1,520.9	535.5	932.8	43.3	21.6
Okla	283.2	546.5	943.2	337.3	578.5	62.0	5.9
Tex	1,637.6	3,254.0	5,821.2	1,950.4	3,570.1	66.8	9.7
MT:							
Mont	D	99.8	249.7	(-)	153.1	(-)	53.4
Idaho	D	140.9	296.0	(-)	181.5	(-)	28.8
Wyo	D	D	207.1	(-)	127.0	(-)	(-)
Colo	D	967.5	1,356.5	(-)	831.9	(-)	-14.0
N Mex	D	222.9	408.3	(-)	250.4	(-)	12.3
Ariz	D	926.3	1,139.1	(-)	698.6	(-)	-24.6
Utah	143.6	308.3	614.7	171.0	377.0	80.3	22.3
Nev	D	266.2	509.9	(-)	312.7	(-)	17.5
PAC:							
Wash	529.6	791.8	1,768.2	630.8	1,084.4	25.5	37.0
Oreg	272.4	543.7	1,020.6	324.4	625.9	67.6	15.1
Calif	3,365.3	6,232.9	10,736.8	4,008.1	6,584.9	55.5	5.6
Alaska	48.2	129.5	364.8	57.4	223.7	125.6	72.7
Hawaii	152.2	348.9	452.6	181.3	277.6	92.4	-20.4

Sources: U.S. Department of Commerce, Bureau of the Census, Census of Construction Industries, 1967, 1972, and 1977.

Employment (thousands)			% Change in Employment		Real Value Added Per Employee (1972 dollars, thousands)			% Change in Real Value Added per Employee		
1967	1972	1977	1967- 1972	1972- 1977	1967	1972	1977	1967- 1972	1972- 1977	
1,585.4	2,106.6	2,135.8	32.9%	1.4%	\$24.1	\$27.0	\$23.3	12.0%	-13.7%	U.S.
5.7	8.7	8.9	52.6	1.7	21.3	23.7	19.2	11.3	-19.0	NE:
4.5	7.6	7.7	68.0	.9	(-)	24.9	19.4	(-)	-22.1	Maine
2.4	3.7	3.7	56.0	-.2	(-)	25.5	19.6	(-)	-23.1	NH
45.4	60.1	41.9	32.4	-30.3	24.4	28.7	23.1	17.6	-19.5	Vt
7.4	10.2	7.7	38.0	-24.6	(-)	27.5	21.8	(-)	-20.7	Mass
25.0	34.3	27.3	37.4	-20.5	26.0	28.9	22.2	11.2	-23.2	RI
										Conn
156.6	182.8	124.4	16.7	-32.0	26.0	30.4	24.3	16.9	-20.1	MA:
60.1	0	60.1	(-)	(-)	25.8	(-)	23.9	(-)	(-)	NY
98.0	115.7	113.2	18.1	-2.2	22.8	28.3	23.7	24.1	-16.3	NJ
										Pa
78.8	96.7	97.5	22.7	.8	25.3	27.8	24.3	9.9	-12.6	ENC:
36.3	45.9	49.2	26.5	7.3	25.2	26.3	22.8	4.4	-13.3	Ohio
101.9	117.2	118.0	14.9	.7	28.0	30.8	27.0	10.0	-12.3	Ind
69.7	76.1	72.4	9.2	-4.9	28.6	31.4	26.9	9.8	-14.3	Ill
32.7	37.8	45.4	15.7	20.1	27.0	29.1	25.6	7.8	-12.0	Mich
										Wis
31.7	36.3	40.3	14.6	11.0	30.8	28.7	26.0	-6.8	-9.4	WNC:
17.8	19.2	27.0	7.9	40.2	24.6	27.3	23.9	11.0	-12.5	Minn
39.0	44.0	48.4	12.6	10.1	24.7	28.5	23.6	15.4	-17.2	Iowa
2.9	3.7	6.4	26.3	74.2	(-)	25.3	23.3	(-)	-7.9	Mo
0	3.8	5.6	(-)	48.5	(-)	22.6	21.3	(-)	-5.8	N Dak
10.6	15.0	18.6	41.5	24.4	25.5	26.6	27.2	4.3	2.3	S Dak
13.0	17.2	24.0	31.9	39.7	23.3	25.9	22.2	11.2	-14.3	Nebr
										Kans
0	8.5	8.2	(-)	8.3	(-)	21.8	19.5	(-)	-10.6	SA:
43.8	58.8	57.3	34.4	-2.5	20.1	23.2	20.5	15.4	-11.6	Del
9.1	7.7	4.7	-16.3	-38.7	24.4	27.9	26.4	14.3	-5.4	Md
44.5	59.6	60.1	33.8	.9	18.4	21.7	18.0	17.9	-17.1	DC
7.7	9.1	10.8	18.3	18.7	19.4	23.6	19.9	21.6	-15.7	VA
43.3	60.3	59.4	39.3	-1.5	(-)	(-)	16.8	(-)	-14.7	W Va
20.1	28.9	30.3	43.7	4.9	16.8	19.0	16.3	13.1	-14.2	NC
35.3	54.7	49.1	55.0	-10.3	20.2	23.6	18.7	16.8	-20.8	SC
66.1	126.8	102.0	91.9	-19.5	19.6	23.2	19.3	18.4	-16.8	Ga
										Fla
18.2	25.0	28.0	37.2	12.0	20.6	24.0	19.7	16.5	-17.9	ESC:
31.6	41.2	42.3	30.3	2.6	19.0	22.7	19.1	19.5	-15.9	Ky
21.8	28.9	33.4	32.6	15.5	18.3	21.8	18.6	19.1	-14.7	Tenn
9.9	12.9	14.1	30.4	9.3	18.8	21.9	18.6	16.5	-15.1	Ala
										Miss
9.6	13.2	15.4	37.1	16.9	20.2	22.8	20.3	12.9	-11.0	WSC:
26.0	32.7	44.4	26.2	35.6	20.6	23.4	21.0	13.6	-10.3	Ark
16.0	23.9	27.1	49.1	13.3	21.0	22.9	21.4	9.0	-6.6	La
95.3	139.4	171.6	46.3	23.1	20.5	23.3	20.8	13.7	-10.7	Okl
										Tex
3.2	3.6	6.5	13.5	82.1	(-)	27.9	23.5	(-)	-15.8	MT:
2.9	5.1	7.8	73.0	52.9	(-)	27.7	23.3	(-)	-15.9	Mont
1.7	0	5.6	(-)	(-)	(-)	(-)	22.8	(-)	(-)	Idaho
18.9	37.8	36.9	100.1	-2.3	(-)	25.6	22.6	(-)	-11.7	Wyo
0	9.7	12.8	(-)	31.8	(-)	22.9	19.5	(-)	-14.8	Colo
0	31.7	30.1	(-)	-5.1	(-)	29.2	23.2	(-)	-20.5	N Mex
6.5	11.5	16.8	76.7	45.7	26.2	26.7	22.4	1.9	-16.1	Ariz
3.5	8.3	11.7	136.1	41.5	(-)	32.3	26.8	(-)	-17.0	Utah
										Nev
23.4	26.9	39.8	14.9	48.0	27.0	29.5	27.3	9.3	-7.5	PAC:
12.4	19.1	23.6	54.1	23.2	26.1	28.4	26.6	8.8	-6.3	Wash
138.3	193.6	221.9	40.0	14.6	29.0	32.2	29.7	11.0	-7.8	Oreg
1.3	3.1	5.5	133.8	80.8	44.0	42.4	40.5	-3.6	-4.5	Calif
7.0	11.4	9.9	62.2	-13.0	25.8	30.6	28.0	18.6	-8.5	Alaska
										Hawaii

Selected Services

SIC 701, 3: HOTELS, MOTELS, TRAILER PARKS, AND CAMPS

	Receipts (Current dollars, millions)			Real Receipts (1972 dollars, millions)		% Change in Real Receipts	
	1967	1972	1977	1967	1977	1967- 1972	1972- 1977
U.S.	\$6,738.4	\$10,197.2	\$17,892.7	\$8,025.4	\$10,973.6	27.1%	7.6%
NE:							
Maine	47.5	67.9	106.2	56.6	65.1	20.0	-4.1
NH	46.7	65.7	93.9	55.6	57.6	18.2	-12.3
Vt	38.6	56.1	80.9	46.0	49.6	22.0	-11.6
Mass	160.6	230.9	342.1	191.3	209.8	20.7	-9.1
RI	13.3	19.5	34.9	15.8	21.4	23.4	9.7
Conn	63.3	78.8	119.5	75.4	73.3	4.5	-7.0
MA:							
NY	826.3	895.1	1,268.7	984.1	778.1	-9.0	-13.1
NJ	186.3	269.2	382.2	221.9	234.4	21.3	-12.9
Pa	283.3	434.9	688.7	337.4	422.4	28.9	-2.9
ENC:							
Ohio	208.9	277.8	487.3	248.8	298.9	11.7	7.6
Ind	91.6	136.9	263.4	109.1	161.5	25.5	18.0
Ill	353.4	435.4	760.2	420.9	466.2	3.4	7.1
Mich	188.5	258.7	428.6	224.5	262.9	15.2	1.6
Wis	100.8	154.2	254.7	120.1	156.2	28.4	1.3
WNC:							
Minn	107.0	173.8	282.5	127.4	173.3	36.4	-0.3
Iowa	63.4	81.0	146.6	75.5	89.9	7.3	11.0
Mo	137.6	209.7	319.8	163.9	196.1	27.9	-6.5
N Dak	17.6	24.4	51.7	21.0	31.7	16.2	29.9
S Dak	20.3	31.4	53.4	24.2	32.8	29.8	4.5
Nebr	37.0	57.5	96.3	44.1	59.1	30.4	2.8
Kans	42.1	64.1	109.7	50.1	67.3	27.9	5.0
SA:							
Del	11.7	18.2	32.2	13.9	19.7	30.9	8.2
Md	67.0	118.9	203.4	79.8	124.7	49.0	4.9
DC	107.5	122.7	221.9	128.0	136.1	-4.1	10.9
VA	131.0	243.2	445.0	156.0	272.9	55.9	12.2
W Va	37.1	55.6	96.2	44.2	59.0	25.8	6.1
NC	98.9	172.1	296.3	117.8	181.7	46.1	5.6
SC	56.2	115.1	264.9	66.9	162.5	72.0	41.2
Ga	124.9	250.1	452.8	148.8	277.7	68.1	11.0
Fla	562.1	991.5	1,512.5	669.5	927.6	48.1	-6.4
ESC:							
Ky	61.4	107.8	190.9	73.1	117.1	47.5	8.6
Tenn	82.5	163.9	315.3	98.3	193.4	66.7	18.0
Ala	56.6	88.9	148.9	67.4	91.3	31.9	2.7
Miss	47.3	68.6	112.4	56.3	68.9	21.8	0.4
WSC:							
Ar	44.8	72.3	110.3	53.4	67.6	35.4	-6.5
La	83.3	152.2	308.6	99.2	189.3	53.4	24.4
Okla	55.0	79.8	145.9	65.5	89.5	21.8	12.2
Tex	307.1	479.4	886.6	365.8	543.8	31.1	13.4
MT:							
Mont	30.0	46.4	95.8	35.7	58.8	30.0	26.7
Idaho	28.0	44.3	68.4	33.3	41.9	33.0	-5.4
Wyo	43.2	60.2	121.3	51.5	74.4	16.9	23.6
Colo	100.2	1,176.8	292.7	119.3	179.5	48.2	1.5
N Mex	45.2	71.3	126.9	53.8	77.8	32.5	9.1
Ariz	90.8	155.7	284.1	108.1	174.2	44.0	11.9
Utah	29.1	51.9	91.4	34.7	56.1	49.6	8.1
Nev	355.8	733.7	1,728.6	423.8	1,060.2	73.1	44.5
PAC:							
Wash	93.5	133.6	257.1	111.4	157.7	19.9	18.0
Oreg	72.6	115.3	196.1	86.5	120.3	33.3	4.3
Calif	750.2	1,025.6	1,874.1	893.5	1,149.4	14.8	12.1
Alaska	18.8	33.2	92.8	22.4	56.9	48.2	71.4
Hawaii	112.8	241.3	548.3	134.3	336.3	79.7	39.4

Sources: U.S. Department of Commerce, Bureau of the Census, 1967 Census of Business, 1972 Census of Selected Service Industries, and 1977 Census of Service Industries.

Employment			% Change in Employment		Real Receipts Per Employee (1972 dollars; 1,000s)			% Change in Real Receipts per Employee		
1967	1972	1977	1967-1972	1972-1977	1967	1972	1977	1967-1972	1972-1977	
616,841	726,577	905,938	17.8%	24.7%	\$13.0	\$14.0	\$12.1	7.7%	-13.6%	U.S.
2,745	3,646	4,301	32.8	18.0	20.6	18.6	15.1	9.7	-18.8	NE:
2,827	4,379	4,491	54.9	2.6	19.7	15.0	12.8	-23.8	-14.7	Maine
3,493	4,529	5,403	29.7	19.3	13.2	12.4	9.2	-6.1	-25.8	NH
13,308	15,996	16,391	20.2	2.5	14.4	14.4	12.8	0.0	-11.1	Vt
1,256	1,386	1,696	10.4	22.4	12.6	14.1	12.6	11.9	-10.6	Mass
5,095	5,311	6,236	4.2	17.4	14.8	14.8	11.8	0.0	-20.3	RI
										Conn
60,321	52,868	50,995	-12.4	-3.5	16.3	16.9	15.3	3.7	-9.5	MA:
14,184	15,869	17,300	11.9	9.0	15.6	17.0	13.5	9.0	-20.6	NY
26,225	34,080	36,637	30.0	7.5	12.9	12.8	11.5	-0.8	-10.2	NJ
										Pa
20,613	21,952	28,888	6.5	31.6	12.1	12.7	10.3	5.0	-18.9	ENC:
9,746	10,180	14,390	4.5	41.4	11.2	13.4	11.2	19.6	-16.4	Ohio
33,995	33,187	42,026	-2.4	26.6	12.4	13.1	11.1	5.6	-15.3	Ind
16,950	19,114	24,788	12.8	29.7	13.2	13.5	10.6	2.3	-21.5	Ill
9,276	11,083	14,910	19.5	34.5	12.9	13.9	10.5	7.8	-24.5	Mich
										Wis
10,454	14,083	16,560	34.7	17.6	12.2	12.3	10.5	0.8	-14.6	WNC:
7,239	7,728	10,275	6.8	33.0	10.4	10.5	8.7	1.0	-17.1	Minn
15,067	16,032	18,049	6.4	12.6	10.9	13.1	10.9	20.2	-16.8	Iowa
1,995	2,236	3,366	12.1	50.5	10.5	10.9	9.4	3.8	-13.8	Mo
1,803	2,227	2,763	23.5	24.1	13.4	14.1	11.9	5.2	-15.6	N Dak
4,294	4,870	6,463	13.4	32.7	10.3	11.8	9.1	14.6	-22.9	S Dak
5,041	5,618	7,040	11.4	25.3	9.9	11.4	9.6	15.2	-15.8	Nebr
										Kans
896	1,257	1,738	40.3	38.3	15.5	14.5	11.3	-6.5	-22.1	SA:
5,550	8,206	10,362	47.9	26.3	14.4	14.5	12.0	0.7	-17.2	Del
10,877	8,258	10,182	-24.1	23.3	11.8	14.9	13.4	26.3	-10.1	Md
12,060	17,973	20,854	49.0	16.0	12.9	13.5	13.1	4.7	-3.0	DC
4,093	4,090	4,734	-0.1	15.7	10.8	13.6	12.5	25.9	-8.1	VA
9,353	12,704	16,218	35.8	27.7	12.6	13.5	11.2	7.1	-17.0	W Va
5,744	8,197	13,084	42.7	59.6	11.6	14.0	12.4	20.7	-11.4	NC
12,637	17,874	25,676	41.4	43.6	11.8	14.0	10.8	18.6	-22.9	SC
57,403	76,319	88,941	33.0	16.5	11.7	13.0	10.4			

Selected Services

SIC 72: PERSONAL SERVICES

	Receipts (Current dollars; millions)			Real Receipts (1972 dollars; millions)		% Change in Real Receipts	
	1967	1972	1977	1967	1977	1967- 1972	1972- 1977
U.S.	\$ 10,003.4	\$11,692.0	\$15,297.3	\$11,914.0	\$9,381.8	-1.9%	-19.8%
NE:							
Maine	32.0	39.4	50.5	38.1	31.0	3.4	-21.3
NH	27.6	36.2	52.6	32.9	32.3	10.0	-10.8
Vt	13.4	15.4	22.9	16.0	14.0	-3.8	-9.1
Mass	299.2	329.1	422.7	356.3	259.2	-7.6	-21.2
RI	48.9	56.4	60.7	58.2	37.2	-3.1	-34.0
Conn	157.1	185.2	240.3	187.1	147.4	-1.0	-20.4
MA:							
NY	1,174.7	1,172.5	1,301.3	1,399.1	798.1	-16.2	-31.9
NJ	381.7	418.8	531.4	454.6	325.9	-7.9	-22.2
Pa	517.2	555.7	718.9	616.0	440.9	-9.8	-20.7
ENC:							
Ohio	518.2	625.6	799.7	617.2	490.5	1.4	-21.6
Ind	238.1	290.0	364.8	283.6	223.7	2.3	-22.9
Ill	679.4	715.4	893.2	809.2	547.8	-11.6	-23.4
Mich	439.2	510.3	658.3	523.1	403.7	-2.4	-20.9
Wis	181.0	221.8	298.0	215.6	182.8	2.9	-17.6
WNC:							
Minn	160.7	198.3	266.0	191.4	163.1	3.6	-17.8
Iowa	114.5	133.6	175.9	136.4	107.9	-2.1	-19.2
Mo	252.1	289.1	353.9	300.3	217.0	-3.7	-24.9
N Dak	20.3	24.5	40.6	24.2	24.9	1.2	1.6
S Dak	20.7	24.4	34.6	24.7	21.2	-1.2	-13.1
Nebr	60.1	74.0	100.5	71.6	61.6	3.4	-16.8
Kans	89.1	113.9	158.6	106.1	97.3	7.4	-14.6
SA:							
Del	23.3	31.6	36.3	27.8	22.3	13.7	-29.4
Md	188.2	231.8	299.0	224.1	183.4	3.4	-20.9
DC	87.5	83.7	82.3	104.2	50.5	-19.7	-39.7
VA	203.5	268.2	372.7	242.4	228.6	10.6	-14.8
W Va	62.1	81.4	106.1	74.0	65.1	10.0	-20.0
NC	242.2	313.7	382.7	288.5	234.7	8.7	-25.2
SC	96.9	121.9	162.5	115.4	99.7	5.6	-18.2
Ga	202.0	262.6	325.9	240.6	199.9	9.1	-23.9
Fla	334.7	487.6	668.7	398.6	410.1	22.3	-15.9
ESC:							
Ky	134.9	166.8	217.9	160.7	133.6	3.8	-19.9
Tenn	190.4	229.9	308.5	226.8	189.2	1.4	-17.7
Ala	123.8	150.8	200.3	147.4	122.8	2.3	-18.6
Miss	75.1	90.3	107.5	89.4	65.9	1.0	-27.0
WSC:							
Ar	66.7	89.7	114.7	79.4	70.3	13.0	-21.6
La	119.2	147.0	207.2	142.0	127.1	3.5	-13.5
Okla	105.7	126.4	175.1	125.9	107.4	.4	-15.0
Tex	566.8	697.1	1,046.2	675.1	641.6	3.3	-8.0
MT:							
Mont	21.8	27.9	40.7	26.0	25.0	7.3	-10.4
Idaho	23.2	30.6	46.3	27.6	28.4	10.9	-7.2
Wyo	12.6	14.6	22.4	15.0	13.7	-2.7	-6.2
Colo	95.2	137.4	200.1	113.4	122.7	21.2	-10.7
N Mex	37.8	47.6	64.9	45.0	39.8	5.8	-16.4
Ariz	82.8	112.3	163.0	98.6	100.0	13.9	-11.0
Utah	35.9	47.9	68.1	42.8	41.8	11.9	-12.7
Nev	37.9	53.5	82.1	45.1	50.4	18.6	-5.8
PAC:							
Wash	141.1	172.4	251.1	168.1	154.0	2.6	-10.7
Oreg	86.9	115.6	174.2	103.5	106.8	11.7	-7.6
Calif	1,135.4	1,259.8	1,730.1	1,352.3	1,061.1	-6.8	-15.8
Alaska	9.6	16.1	25.1	11.4	15.4	41.2	-4.3
Hawaii	35.2	46.5	70.7	41.9	43.4	11.0	-6.7

Sources: U.S. Department of Commerce, Bureau of the Census, 1967 Census of Business, 1972 Census of Selected Service Industries, and 1977 Census of Service Industries.

Employment			% Change in Employment		Real Receipts Per Employee (1972 dollars; 1,000s)			% Change in Real Receipts per Employee		
1967	1972	1977	1967- 1972	1972- 1977	1967	1972	1977	1967- 1972	1972- 1977	
1,029,763	976,709	910,445	-5.2%	-6.8%	\$11.6	\$12.0	\$10.3	3.4%	-14.2%	U.S.
3,107	3,195	2,928	2.8	-8.4	12.3	12.3	10.6	0.0	-13.8	NE:
2,600	3,075	3,198	18.3	4.0	12.7	11.8	10.1	-7.1	-14.4	Maine
1,259	1,375	1,549	9.2	12.7	12.7	11.2	9.0	-11.8	-19.6	NH
31,213	27,165	25,750	-13.0	-5.2	11.4	12.1	10.1	6.1	-16.5	Vt
4,967	4,627	3,685	-6.8	-20.4	11.7	12.2	10.1	4.3	-17.2	Mass
14,692	14,076	13,464	-4.2	-4.3	12.7	13.2	10.9	3.9	-17.4	RI
										Conn
106,402	83,786	71,039	-21.3	-15.2	13.1	14.0	11.2	6.9	-20.0	MA:
38,051	32,413	28,875	-14.8	-10.9	11.9	12.9	11.3	8.4	-12.4	NY
50,991	46,042	41,491	-9.7	-9.9	12.1	12.1	10.6	0.0	-12.4	NJ
										Pa
51,700	52,110	47,405	0.8	-9.0	11.9	12.0	10.3	0.8	-14.2	ENC:
22,780	23,943	21,620	5.1	-9.7	12.4	12.1	10.3	-2.4	-14.9	Ohio
62,142	53,629	48,017	-13.7	-10.5	13.0	13.3	11.4	2.3	-14.3	Ind
41,395	40,266	36,038	-2.7	-10.5	12.6	12.7	11.2	0.8	-11.8	Ill
17,716	19,770	19,294	11.6	-2.4	12.2	11.2	9.5	-8.2	-15.2	Mich
										Wis
15,598	16,248	16,603	4.2	2.2	12.3	12.2	9.8	-0.8	-19.7	WNC:
10,741	11,198	10,574	4.3	-5.6	12.7	11.9	10.2	-6.3	-14.3	Minn
25,570	24,332	21,745	-4.8	-10.6	11.7	11.9	10.0	1.7	-16.0	Iowa
2,047	2,183	2,384	6.6	9.2	11.8	11.2	10.4	-5.1	-7.1	Mo
2,230	2,257	2,255	1.2	-0.1	11.1	10.8	9.4	-2.7	-13.0	N Dak
6,471	6,634	6,338	2.5	-4.5	11.1	11.2	9.7	0.9	-13.4	S Dak
9,489	9,822	10,220	3.5	4.1	11.2	11.6	9.5	3.6	-18.1	Nebr
										Kans
2,415	2,807	2,670	16.2	-4.9	11.5	11.3	8.4	-1.7	-25.7	SA:
20,744	21,169	19,242	2.0	-9.1	10.8	10.9	9.5	0.9	-12.8	Del
9,119	6,970	4,820	-23.6	-30.8	11.4	12.0	10.5	5.3	-12.5	Md
25,356	25,474	24,032	0.5	-5.7	9.6	10.5	9.5	9.4	-9.5	DC
6,856	7,182	6,403	4.8	-10.8	10.8	11.3	10.2	4.6	-9.7	VA
28,332	27,913	24,741	-1.5	-11.4	10.2	11.2	9.5	9.8	-15.2	W Va
12,308	11,392	11,365	-7.4	-0.2	9.4	10.7	8.8	13.8	-17.8	NC
24,066	23,033	21,046	-4.3	-8.6	10.0	11.4	9.5	14.0	-16.7	SC
40,594	44,631	43,830	9.9	-1.8	9.8	10.9	9.4	11.2	-13.8	G

Selected Services
SIC 73: BUSINESS SERVICES

	Receipts (Current dollars, millions)			Real Receipts (1972 dollars, millions)		% Change in Real Receipts	
	1967	1972	1977	1967	1977	1967- 1972	1972- 1977
U.S.	\$21,429.9	\$27,932.0	\$49,999.0	\$25,523.0	\$30,664.4	9.4%	9.8%
NE:							
Maine	18.6	36.7	57.7	22.2	35.4	65.3	-3.5
NH	17.4	51.7	83.3	20.7	51.1	149.8	-1.2
Vt	8.6	22.1	35.0	10.2	21.5	116.7	-2.7
Mass	598.6	1,032.6	1,676.8	712.9	1,028.4	44.8	-0.4
RI	66.5	89.6	144.4	79.2	88.6	13.1	-1.1
Conn	236.1	464.2	769.7	281.2	472.1	65.1	1.7
MA:							
NY	6,335.1	8,358.1	7,800.4	7,545.1	4,784.0	10.8	-42.7
NJ	623.9	1,296.6	2,052.9	743.1	1,259.0	74.5	-2.9
Pa	879.7	1,443.7	2,226.5	1,047.7	1,365.5	37.8	-5.4
ENC:							
Ohio	814.0	1,318.7	1,739.4	969.5	1,066.8	36.0	-19.1
Ind	192.0	370.7	581.6	228.7	356.7	62.1	-3.8
Ill	2,033.2	3,148.5	3,518.3	2,421.5	2,157.8	30.0	-31.5
Mich	944.5	1,389.0	1,789.3	1,124.9	1,097.4	23.5	-21.0
Wis	221.7	384.9	586.4	264.0	359.6	45.8	-6.6
WNC:							
Minn	297.7	496.0	760.0	354.6	466.1	39.9	-6.0
Iowa	93.4	180.4	294.6	111.2	180.7	62.2	0.2
Mo	477.1	730.5	1,052.9	568.2	645.7	28.6	-11.6
N Dak	12.4	21.9	47.4	14.8	29.1	48.0	32.9
S Dak	10.0	19.4	36.6	11.9	22.4	63.0	15.5
Nebr	72.3	127.9	213.1	86.1	130.7	48.5	2.2
Kans	63.2	134.7	265.5	75.3	162.8	78.9	20.9
SA:							
Del	23.8	59.5	120.1	28.3	73.7	110.2	23.9
Md	432.9	810.0	1,161.4	515.6	712.3	57.1	-12.1
DC	228.3	404.8	545.1	271.9	334.3	48.9	-17.4
VA	214.5	523.8	1,137.3	255.5	697.5	105.0	33.2
W Va	58.3	75.9	118.7	69.4	72.8	9.4	-4.1
NC	147.1	348.7	544.6	175.2	334.0	99.0	-4.2
SC	78.8	130.6	225.8	93.9	138.5	39.1	6.0
Ga	244.5	539.4	863.4	291.2	529.5	85.2	-1.8
Fla	545.9	1,070.6	1,869.5	650.2	1,146.6	64.7	7.1
ESC:							
Ky	86.7	176.5	282.3	103.3	173.1	70.9	-1.9
Tenn	320.6	503.5	761.4	381.8	467.0	31.9	-7.2
Ala	185.0	274.6	384.0	220.3	235.5	24.6	-14.2
Miss	38.6	80.3	140.1	46.0	85.9	74.6	7.0
WSC:							
Ar	38.8	101.9	140.0	46.2	85.9	120.6	-15.7
La	183.4	389.4	843.9	218.4	517.6	78.3	32.9
Okla	92.3	216.3	385.9	109.9	236.7	96.8	9.4
Tex	814.4	1,625.3	3,152.2	970.0	1,933.2	67.6	18.9
MT:							
Mont	15.0	31.9	56.8	17.9	34.8	78.2	9.1
Idaho	42.7	72.3	184.5	50.9	113.2	42.0	56.6
Wyo	6.6	13.1	46.3	7.9	28.4	65.8	116.8
Colo	143.9	322.9	619.8	171.4	380.1	88.4	17.7
N Mex	193.9	427.9	478.8	230.9	293.6	85.3	-31.4
Ariz	130.1	288.2	447.7	154.9	274.6	86.1	-4.7
Utah	60.3	107.6	208.5	71.8	127.9	49.9	18.9
Nev	94.7	107.0	196.9	112.8	120.8	-5.1	12.9
PAC:							
Wash	199.3	368.2	853.9	237.4	523.7	55.1	42.2
Oreg	116.5	214.2	429.5	138.8	263.4	54.3	23.0
Calif	2,685.9	4,771.4	7,796.2	3,198.9	4,781.4	49.2	.2
Alaska	13.4	30.0	118.2	16.0	72.5	87.5	141.7
Hawaii	71.7	109.6	154.4	85.4	94.7	28.3	-13.6

Sources: U.S. Department of Commerce, Bureau of the Census, 1967 Census of Business, 1972 Census of Selected Service Industries, and 1977 Census of Service Industries.

Employment			% Change in Employment		Real Receipts Per Employee (1972 dollars; 1,000s)			% Change in Real Receipts per Employee		
1967	1972	1977	1967-1972	1972-1977	1967	1972	1977	1967-1972	1972-1977	
1,212,410	1,759,438	2,297,432	45.1%	30.6%	\$21.1	\$15.9	\$13.3	-24.6%	-16.4%	U.S.
										NE:
1,360	2,365	3,576	73.9	51.2	16.3	15.5	9.9	-4.9	-36.1	Maine
1,234	3,199	4,038	159.2	26.2	16.8	16.2	12.7	-3.6	-21.6	NH
772	1,240	1,665	60.6	34.3	13.2	17.8	12.9	34.8	-27.5	Vt
41,445	58,592	75,029	41.4	28.1	17.2	17.6	13.7	2.3	-22.2	Mass
4,700	6,254	8,315	33.1	33.0	16.9	14.3	10.7	-15.4	-25.2	RI
20,175	29,200	37,331	44.7	27.8	13.9	15.9	12.6	14.4	-20.8	Conn
										MA:
237,253	272,984	298,781	15.1	9.5	31.8	30.6	16.0	-3.8	-47.7	NY
49,822	78,679	97,555	57.9	24.0	14.9	16.5	12.9	10.7	-21.8	NJ
59,663	81,763	121,078	37.0	48.1	17.6	17.7	11.3	0.6	-36.2	Pa
										ENC:
55,129	80,301	94,459	45.7	17.6	17.6	16.4	11.3	-6.8	-31.1	Ohio
14,693	24,389	33,366	66.0	36.8	15.6	15.2	10.7	-2.6	-29.6	Ind
91,554	123,632	144,655	35.0	17.0	26.4	25.5	14.9	-3.4	-41.6	Ill
44,333	57,661	77,379	30.1	34.2	25.4	24.1	14.2	-5.1	-41.1	Mich
15,730	25,237	34,165	60.4	35.4	16.8	15.3	10.5	-8.9	-31.4	Wis
										WNC:
16,151	26,371	38,934	63.3	47.6	22.0	18.8	12.0	-14.5	-36.2	Minn
8,551	11,550	16,020	35.1	38.7	13.0	15.6	11.3	20.0	-27.6	Iowa
27,681	42,699	49,927	54.3	16.9	20.5	17.1	12.9	-16.6	-24.6	Mo
770	1,287	2,235	67.1	73.7	19.2	17.0	13.0	-11.5	-23.5	N Dak
737	992	1,959	34.6	97.5	16.1	19.6	11.4	21.7	-41.8	S Dak
4,630	8,046	12,798	73.8	59.1	18.6	15.9	10.2	-14.5	-35.8	Nebr
4,880	8,574	12,994	75.7	51.6	15.4	15.7	12.5	1.9	-20.4	Kans
										SA:
3,085	4,640	6,662	50.4	43.6	9.2	12.8	11.1	39.1	-13.3	Del
29,660	48,967	58,588	65.1	19.6	17.4	16.5	12.2	-5.2	-26.1	Md
16,773	22,549	27,293	34.4	21.0	16.2	18.0	12.2	11.1	-32.2	DC
17,880	33,601	50,224	87.9	49.5	14.3	15.6	13.9	9.1	-10.9	VA
3,789	4,400	6,278	16.1	42.7	18.3	17.3	11.6	-5.5	-32.9	W Va
10,934	23,063	34,005	110.9	47.4	16.0	15.1	9.8	-5.6	-35.1	NC
5,326	9,530	15,616	78.9	63.9	17.6	13.7	8.9	-22.2	-35.0	SC
21,143	37,270	44,112	76.3	18.4	13.8	14.5	12.0	5.1	-17.2	Ga
41,609	68,952	96,919	65.7	40.6	15.6	15.5	11.8	-0.6	-23.9	Fla
										ESC:
6,843	11,538	17,744	68.6	53.8	15.1	15.3	9.8	1.3	-35.9	Ky
21,787	27,884	38,233	28.0	37.1	17.5	18.1	12.2	3.4	-32.6	Tenn
12,207	15,619	21,162	28.0	35.5	18.0	17.6	11.1	-2.2	-36.9	Ala
3,099	6,105	8,592	97.0	40.7	14.8	13.2	10.0	-10.8	-24.2	Miss
										WSC:
3,138	5,867	8,292	87.0	41.3	14.7	17.4	10.4	18.4	-40.2	Ar
15,089	25,773	38,890	70.8	50.9	14.5	15.1	13.3	4.1	-11.9	La
6,984	12,828	20,122	83.7	56.9	15.7	16.9	11.8	7.6	-30.2	Okla
51,622	96,314	150,085	86.6	55.8	18.8	16.9	12.9	-10.1	-23.7	Tex
										MT:
1,437	2,053	2,917	42.9	42.1	12.5	15.5	11.9	24.0	-23.2	Mont
2,470	3,433	7,715	39.0	124.7	20.6	21.1	14.7	2.4	-30.3	Idaho
516	793	1,737	53.7	119.0	15.3	16.5	16.4	7.8	-0.6	Wyo
10,661	20,549	31,159	92.7	51.6	16.1	15.7	12.2	-2.5	-22.3	Colo
12,844	18,119	12,701	41.1	-29.9	18.0	23.6	23.1	31.1	-2.1	N Mex
8,673	18,191	23,000	109.7	26.4	17.9	15.8	11.9	-11.7	-24.7	Ariz
4,667	7,039	10,899	50.8	54.8	15.4	15.3	11.7	-0.6	-23.5	Utah
4,801	5,246	8,277	9.3	57.8	23.5	20.4	14.6	-13.2	-28.4	Nev
										PAC:
14,927	21,518	32,688	44.2	51.9	15.9	17.1	16.0	7.5	-6.4	Wash
7,844	12,947	20,412	65.1	57.7	17.7	16.5	12.9	-6.8	-21.8	Oreg
168,230	239,902	322,841	42.6	34.6	19.0	19.9	14.8	4.7	-25.6	Calif
1,084	2,280	4,349	110.3	90.7	14.8	13.2	16.7	-10.8	26.5	Alaska
5,336	7,444	9,661	39.5	29.8	16.0	14.7	9.8	-8.1	-33.3	Hawaii

Selected Services

SIC 75: AUTO REPAIR, SERVICES, AND GARAGES

	Receipts (Current dollars, millions)			Real Receipts (1972 dollars, millions)		% Change in Real Receipts	
	1967	1972	1977	1967	1977	1967- 1972	1972- 1977
U.S.	\$6,368.4	\$10,929.0	\$19,658.5	\$7,584.8	\$12,056.6	44.1%	10.3%
NE:							
Maine	20.1	43.4	90.9	23.9	55.7	81.6	28.3
NH	20.3	38.5	68.6	24.2	42.1	59.1	9.4
Vt	8.6	14.1	23.9	10.2	14.7	38.2	4.3
Mass	182.3	323.4	479.3	217.1	294.0	49.0	-9.1
RI	27.3	40.4	72.8	32.5	44.6	24.3	10.4
Conn	102.7	162.6	281.3	122.3	172.5	33.0	6.1
MA:							
NY	726.8	1,083.6	1,524.0	865.6	934.7	25.2	-13.7
NJ	225.5	413.1	691.7	268.6	424.2	53.8	2.7
Pa	360.8	585.4	971.2	429.7	595.6	36.2	1.7
ENC:							
Ohio	297.4	516.7	994.0	354.2	609.6	45.9	18.0
Ind	117.7	222.6	440.2	140.2	270.0	58.8	21.3
Ill	361.2	604.2	1,005.2	430.2	616.5	40.4	2.0
Mich	259.7	437.1	920.3	309.3	564.4	41.3	29.1
Wis	89.2	163.7	332.4	106.2	203.9	54.1	24.6
WNC:							
Minn	99.8	161.0	316.2	118.9	193.9	35.4	20.4
Iowa	66.8	124.4	241.1	79.6	147.9	56.3	18.9
Mo	151.1	280.0	472.4	180.0	289.7	55.6	3.5
N Dak	9.5	20.4	47.4	11.3	29.1	80.5	42.6
S Dak	12.2	28.0	39.6	14.5	24.3	93.1	-13.2
Nebr	39.6	72.0	152.2	47.2	93.3	52.5	29.6
Kans	48.7	93.3	177.0	58.0	108.6	60.9	16.4
SA:							
Del	18.8	31.9	51.8	22.4	31.8	42.4	-0.3
Md	206.3	296.2	322.9	245.7	198.0	20.6	-33.2
DC	52.3	75.4	104.1	62.3	63.8	21.0	-15.4
VA	101.9	210.3	382.3	121.4	234.5	73.2	11.5
W Va	27.1	42.5	88.9	32.3	54.5	31.6	28.2
NC	129.6	236.8	408.4	154.4	250.5	53.4	5.8
SC	56.0	102.6	170.2	66.7	104.4	53.8	1.8
Ga	141.6	295.4	454.0	168.6	278.4	75.2	-5.8
Fla	232.4	506.6	922.9	276.8	566.0	83.0	11.7
ESC:							
Ky	58.1	101.7	180.7	69.2	110.8	47.0	8.9
Tenn	108.5	200.8	359.9	129.2	220.7	55.4	9.9
Ala	80.9	144.2	251.4	96.4	154.2	49.6	6.9
Miss	40.5	72.1	136.9	48.2	84.0	49.6	16.5
WSC:							
Ar	35.1	79.6	168.2	41.8	103.2	90.4	29.6
La	81.6	134.2	266.3	97.2	163.3	38.1	21.7
Okla	67.6	126.2	210.6	80.5	129.2	56.8	2.4
Tex	344.0	616.0	1,243.4	409.7	762.6	50.4	23.8
MT:							
Mont	13.4	24.6	60.5	16.0	37.1	53.8	50.8
Idaho	12.6	29.8	60.8	15.0	37.3	98.7	25.2
Wyo	6.6	14.9	39.0	7.9	23.9	88.6	60.4
Colo	75.5	157.9	299.7	89.9	183.8	75.6	16.4
N Mex	22.3	46.0	88.6	26.6	54.3	72.9	18.0
Ariz	58.1	131.3	233.6	69.2	143.3	89.7	9.1
Utah	35.6	63.4	124.1	42.4	76.1	49.5	20.0
Nev	21.8	45.8	91.4	26.0	56.1	76.2	22.5
PAC:							
Wash	111.5	171.4	351.9	132.8	215.8	29.1	25.9
Oreg	87.8	126.1	232.2	104.6	142.4	20.6	12.9
Calif	870.5	1,421.2	2,806.6	1,036.8	1,721.3	37.1	21.1
Alaska	6.3	12.0	48.3	7.5	29.6	60.0	146.7
Hawaii	37.0	74.3	157.0	44.1	96.3	68.5	29.6

Sources: U.S. Department of Commerce, Bureau of the Census, 1967 Census of Business, 1972 Census of Selected Service Industries, and 1977 Census of Service Industries.

Employment			% Change in Employment		Real Receipts Per Employee (1972 dollars; 1,000s)			% Change in Real Receipts per Employee		
1967	1972	1977	1967- 1972	1972- 1977	1967	1972	1977	1967- 1972	1972- 1977	
316,209	392,498	483,191	24.1%	23.1%	\$24.0	\$27.8	\$25.0	15.8%	-10.1%	U.S.
										NE:
1,119	1,454	2,099	29.9	44.4	21.4	29.8	26.5	39.3	-11.1	Maine
983	1,318	1,782	34.1	35.2	24.6	29.2	23.6	18.7	-19.2	NH
391	521	621	33.2	19.2	26.1	27.1	23.7	3.8	-12.5	Vt
10,118	11,769	13,066	16.3	11.0	21.5	27.5	22.5	27.9	-18.2	Mass
1,653	1,604	1,986	-3.0	23.8	19.7	25.2	22.5	27.9	-10.7	RI
5,273	5,849	6,844	10.9	17.0	23.2	27.8	25.2	19.8	-9.4	Conn
										MA:
31,671	35,486	36,566	12.0	3.0	27.3	30.5	25.6	11.7	-16.1	NY
11,290	14,501	16,361	28.4	12.8	23.8	28.5	25.9	19.7	-9.1	NJ
20,241	22,360	24,358	10.5	8.9	21.2	26.2	24.5	23.6	-6.5	Pa
										ENC:
16,570	19,229	23,604	16.0	22.8	21.4	26.9	25.8	25.7	-4.1	Ohio
6,711	8,545	11,247	27.3	31.6	20.9	26.1	24.0	24.9	-8.0	Ind
15,861	20,713	23,328	30.6	12.6	27.1	29.2	26.4	7.7	-9.6	Ill
13,278	16,026	20,086	20.7	25.3	23.3	27.3	28.1	17.2	2.9	Mich
3,956	5,356	7,900	35.4	47.5	26.8	30.6	25.8	14.2	-15.7	Wis
										WNC:
5,305	6,164	7,830	16.2	27.0	22.4	26.1	24.8	16.5	-5.0	Minn
3,566	4,169	5,641	16.9	35.3	22.3	29.8	26.2	33.6	-12.1	Iowa
7,385	9,512	11,048	28.8	16.1	24.4	29.4	26.2	20.5	-10.9	Mo
544	692	1,047	27.2	51.3	20.8	29.5	27.8	41.8	-5.8	N Dak
688	903	1,009	31.3	11.7	21.1	31.0	24.1	46.9	-22.3	S Dak
2,161	2,577	3,477	19.3	34.9	21.8	27.9	26.8	28.0	-3.9	Nebr
2,570	3,427	4,393	33.3	28.2	22.6	27.2	24.7	20.4	-9.2	Kans
										SA:
883	1,254	1,307	42.0	4.2	25.4	25.4	24.3	0.0	-4.3	Del
5,637	7,635	8,537	35.4	11.8	43.6	38.8	23.2	-11.0	-40.2	Md
2,886	3,166	3,021	9.7	-4.6	21.6	23.8	21.1	10.2	-11.3	DC
5,970	8,039	9,992	34.7	24.3	20.3	26.2	23.5	29.1	-10.3	VA
1,799	2,044	2,603	13.6	27.3	18.0	20.8	20.9	15.6	0.5	W Va
6,877	9,242	10,631	34.4	15.0	22.5	46.4	23.6	106.2	-49.1	NC
3,086	4,300	5,216	39.3	21.3	21.6	23.9	20.0	10.6	-16.3	SC
7,324	10,387	11,670	41.8	12.4	23.0	28.4	23.9	23.5	-15.8	Ga
11,456	17,520	23,080	52.9	31.7	24.2	28.9	24.5	19.4	-15.2	Fla
										ESC:
3,332	4,253	5,084	27.6	19.5	20.8	23.9	21.8	1		

Selected Services

SIC 76: MISCELLANEOUS REPAIR SERVICES

	Receipts (Current dollars, millions)			Real Receipts (1972 dollars, millions)		% Change in Real Receipts	
	1967	1972	1977	1967	1977	1967- 1972	1972- 1977
U.S.	\$3,089.1	\$4,836.0	\$9,557.8	\$3,679.1	\$5,861.8	31.4%	21.2%
NE:							
Maine	5.8	14.1	27.9	6.9	17.1	104.3	21.3
NH	D	10.6	18.2	(-)	11.2	(-)	5.7
Vt	3.5	4.6	7.8	4.2	4.8	9.5	4.3
Mass	82.9	109.7	187.9	98.7	115.2	11.1	5.0
RI	16.8	18.7	36.2	20.0	22.2	-6.5	18.7
Conn	40.8	65.0	130.8	48.6	80.2	33.7	23.4
MA:							
NY	346.0	439.4	704.3	412.1	431.9	6.6	-1.7
NJ	134.5	244.9	371.5	160.2	227.8	52.9	-7.0
Pa	157.2	246.5	444.5	187.2	272.6	31.7	10.6
ENC:							
Ohio	151.3	268.6	483.8	180.2	296.7	49.1	10.5
Ind	51.4	85.8	202.9	61.2	124.4	40.2	45.0
Ill	197.3	251.7	494.4	235.0	303.2	7.1	20.5
Mich	134.5	197.2	360.6	160.2	221.2	23.1	12.2
Wis	51.5	80.2	160.3	61.3	98.3	30.8	22.6
WNC:							
Minn	42.5	69.6	140.3	50.6	86.0	37.5	23.6
Iowa	29.3	49.5	98.1	34.9	60.2	41.8	21.6
Mo	69.6	114.5	190.4	82.9	116.8	38.1	2.0
N Dak	5.1	6.3	D	6.1	(-)	3.3	(-)
S Dak	5.9	7.4	14.9	7.0	9.1	5.7	23.0
Nebr	19.0	29.5	56.9	22.6	34.9	30.5	18.3
Kans	28.3	39.6	87.5	33.7	53.7	17.5	35.6
SA:							
Del	D	18.3	25.7	(-)	15.8	(-)	-13.7
Md	56.2	110.3	179.3	66.9	110.0	64.9	-0.3
DC	16.8	17.9	20.4	20.0	12.5	-10.5	-30.2
VA	50.9	101.3	173.3	60.6	106.3	67.2	4.9
W Va	27.9	50.4	125.6	33.2	77.0	51.8	52.8
NC	58.6	96.2	178.4	69.8	109.4	37.8	13.7
SC	25.3	52.1	107.0	30.1	65.6	73.1	25.9
Ga	62.9	103.4	196.1	74.9	120.3	38.1	16.3
Fla	130.7	218.8	438.2	155.7	268.7	40.5	22.8
ESC:							
Ky	24.7	44.3	98.7	29.4	60.5	50.7	36.6
Tenn	40.3	69.4	151.9	48.0	93.2	44.6	34.3
Ala	48.8	72.6	152.5	58.1	93.5	25.0	28.8
Miss	20.5	32.4	69.3	24.4	42.5	32.8	31.2
WSC:							
Ar	16.9	30.6	D	20.1	(-)	52.2	(-)
La	74.7	116.0	301.8	89.0	185.1	30.3	59.6
Okla	61.2	56.2	128.0	72.9	78.5	-22.9	39.7
Tex	220.8	342.6	908.4	263.0	557.1	30.3	62.6
MT:							
Mont	5.7	11.9	24.6	6.8	15.1	75.0	26.9
Idaho	6.9	13.4	26.5	8.2	16.3	63.4	21.6
Wyo	6.0	9.9	32.5	7.1	19.9	39.4	101.0
Colo	30.1	53.9	117.6	35.8	72.1	50.6	33.8
N Mex	12.6	20.0	50.7	15.0	31.1	33.3	55.5
Ariz	25.1	55.3	97.7	29.9	59.9	84.9	8.3
Utah	15.4	29.7	58.5	18.3	35.9	62.3	20.9
Nev	7.3	18.0	29.7	8.7	18.2	106.9	1.1
PAC:							
Wash	48.1	69.7	170.8	57.3	104.8	21.6	50.4
Oreg	30.4	58.1	112.3	36.2	68.9	60.5	18.6
Calif	366.5	581.2	1,218.4	436.5	747.2	33.2	28.6
Alaska	4.2	10.2	40.4	5.0	24.8	104.0	143.1
Hawaii	7.3	17.2	29.7	8.7	18.2	97.7	5.8

Sources: U.S. Department of Commerce, Bureau of the Census, 1967 Census of Business, 1972 Census of Selected Service Industries, and 1977 Census of Service Industries.

Employment			% Change in Employment		Real Receipts Per Employee (1972 dollars; 1,000s)			% Change in Real Product per Employee		
1967	1972	1977	1967- 1972	1972- 1977	1967	1972	1977	1967- 1972	1972- 1977	
176,111	206,842	279,147	17.4%	35.0%	\$20.9	\$23.4	\$21.0	12.0%	-10.3%	U.S.
405	601	813	48.4	35.3	17.0	23.5	21.0	38.2	-10.6	NE:
D	455	636	(-)	39.8	(-)	23.3	17.6	(-)	-24.5	Maine
193	198	196	2.6	-1.0	21.8	23.2	24.5	6.4	5.6	NH
4,845	4,642	5,546	-4.2	19.5	20.4	23.6	20.8	15.7	-11.9	Vt
879	904	1,223	2.8	35.3	22.8	20.7	18.2	-9.2	-12.1	Mass
2,178	2,738	3,951	25.7	44.3	22.3	23.7	20.3	6.3	-14.3	RI
										Conn
19,556	19,341	21,473	-1.1	11.0	21.1	22.7	20.1	7.6	-11.5	MA:
7,233	9,600	10,090	32.7	5.1	22.1	25.5	22.6	15.4	-11.4	NY
9,489	10,261	12,747	8.1	24.2	19.7	24.0	21.4	21.8	-10.8	NJ
										Pa
8,566	11,497	14,451	34.2	25.7	21.0	23.4	20.5	11.4	-12.4	ENC:
2,828	3,794	5,803	34.2	53.0	21.6	22.6	21.4	4.6	-5.3	Ohio
10,099	10,269	13,807	1.7	34.5	23.3	24.5	22.0	5.2	-10.2	Ind
6,940	7,666	9,836	10.5	28.3	23.1	25.7	22.5	11.3	-12.5	Ill
2,866	3,169	4,460	10.6	40.7	21.4	25.3	22.0	18.2	-13.0	Mich
										Wis
2,355	3,040	4,179	29.1	37.5	21.5	22.9	20.6	6.5	-10.0	WNC:
1,583	1,922	2,926	21.4	52.2	22.0	25.8	20.6	17.3	-20.2	Minn
3,988	4,850	5,391	21.6	11.2	20.8	23.6	21.7	13.5	-8.1	Iowa
272	275	D	1.1	(-)	22.4	22.9	(-)	2.2	(-)	Mo
345	333	493	-3.5	48.0	20.3	22.2	18.5	9.4	-16.7	N Dak
1,103	1,252	1,832	13.5	46.3	20.5	23.6	19.1	15.1	-19.1	S Dak
1,654	1,767	2,566	6.8	45.2	20.4	22.4	20.9	9.8	-6.7	Nebr
										Kans
D	814	742	(-)	-8.8	(-)	22.5	21.3	(-)	-5.3	SA:
3,513	4,860	5,848	38.3	20.3	19.0	22.7	18.8	19.5	-17.2	Del
1,136	1,026	710	-9.7	-30.8	17.6	17.4	17.6	-1.1	1.1	Md
3,162	4,431	5,698	40.1	28.6	19.2	22.9	18.7	19.3	-18.3	DC
1,571	2,190	3,628	39.4	65.7	21.1	23.0	21.2	9.0	-7.8	VA
3,751	4,349	5,850	15.9	34.5	18.6	22.1	18.7	18.8	-15.4	W Va
1,834	2,206	3,323	20.3	50.6	16.4	23.6	19.7	43.9	-16.5	NC
3,828	4,525	5,998	18.2	32.6	19.6	22.9	20.1	16.8	-12.2	SC
8,102	9,987	13,896	23.3	39.1	19.2	21.9	19.3	14.1	-11.9	Ga
										Fla
1,483	1,925	3,053	29.8	58.6	19.8	23.0	19.8	16.2	-13.9	ESC:
2,506	3,094	4,347	23.5	40.5	19.2	22.4	21.4	16.7	-4.5	Ky
3,128	3,285	4,614	5.0	40.5	18.6	22.1	20.3	18.8	-8.1	Tenn
1,242	1,339	2,043	7.8	52.6	19.6	24.2	20.8	23.5	-14.0	Ala
			</							

Selected Services

SIC 78, 9: AMUSEMENT AND RECREATION SERVICES

	Receipts (Current dollars, millions)			Real Receipts (1972 dollars, millions)		Percent Change in Real Receipts	
	1967	1972	1977	1967	1977	1967- 1972	1972- 1977
U.S.	\$7,900.7	\$12,660.1	\$19,756.1	\$9,409.7	\$12,116.4	34.5%	-4.3%
NE:							
Maine	17.7	27.3	36.9	21.1	22.6	29.4	-17.2
NH	D	50.1	81.5	(-)	50.0	(-)	-0.2
Vt	19.4	35.8	51.0	23.1	31.3	55.0	-12.6
Mass	178.4	310.0	414.3	212.5	254.1	45.9	-18.0
RI	29.8	36.1	43.8	35.5	26.9	1.7	-25.5
Conn	66.9	93.9	190.6	79.7	116.9	17.8	24.5
MA:							
NY	2,024.4	2,396.2	3,205.0	2,411.1	1,965.6	-0.6	-18.0
NJ	195.7	343.0	446.4	233.1	273.8	47.1	-20.2
Pa	275.2	377.6	656.7	327.8	402.8	15.2	6.7
ENC:							
Ohio	313.1	532.5	796.2	372.9	488.3	42.8	-8.3
Ind	98.1	151.1	203.5	116.8	124.8	29.4	-17.4
Ill	407.6	659.6	892.2	485.5	547.2	35.9	-17.0
Mich	252.6	451.9	609.2	300.8	373.6	50.2	-17.3
Wis	89.3	161.6	249.8	106.4	153.2	51.9	-5.2
WNC:							
Minn	90.2	176.2	269.1	107.4	165.0	64.1	-6.4
Iowa	58.5	91.7	140.7	69.7	86.3	31.6	-5.9
Mo	129.6	234.3	361.0	154.4	221.4	51.7	-5.5
N Dak	8.5	14.6	19.0	10.1	11.7	44.6	-19.9
S Dak	17.9	24.1	34.4	21.3	21.1	13.1	-12.4
Nebr	43.6	66.5	69.5	51.9	42.6	28.1	-35.9
Kans	42.9	73.3	86.7	51.1	53.2	43.4	-27.4
SA:							
Del	D	43.3	50.5	(-)	31.0	(-)	-28.4
Md	124.9	198.3	275.6	148.8	169.0	33.3	-14.8
DC	60.7	94.1	93.3	72.3	57.2	30.2	-39.2
VA	70.7	149.5	230.0	84.2	141.1	77.6	-5.6
W Va	40.0	66.6	87.3	47.6	53.5	39.9	-19.7
NC	84.6	160.9	234.5	100.8	143.8	59.6	-10.6
SC	34.1	66.2	101.9	40.6	62.5	63.1	-5.6
Ga	91.5	178.6	269.4	109.0	165.2	63.9	-7.5
Fla	278.3	679.7	1,078.7	331.5	661.6	105.0	-2.7
ESC:							
Ky	66.4	103.5	150.1	79.1	92.1	30.8	-11.0
Tenn	69.8	152.2	236.0	83.1	144.7	83.2	-4.9
Ala	29.3	66.9	95.4	34.9	58.5	91.7	-12.6
Miss	20.2	35.0	48.4	24.1	29.7	45.2	-15.1
WSC:							
Ark	30.1	55.5	83.5	35.8	51.2	55.0	-7.7
La	73.0	133.4	211.4	86.9	129.7	53.5	-2.8
Okla	44.9	69.7	100.9	53.5	61.9	30.3	-11.2
Tex	243.4	454.2	760.4	289.9	466.4	56.7	2.7
MT:							
Mont	11.1	19.1	32.0	13.2	19.6	44.7	2.6
Idaho	11.3	20.4	31.7	13.5	19.4	51.1	-4.9
Wyo	8.1	11.5	20.2	9.6	12.4	19.8	7.8
Colo	73.3	157.8	269.1	87.3	165.0	80.8	4.6
N Mex	20.9	41.2	66.4	24.9	40.7	65.5	-1.2
Ariz	40.9	83.4	141.3	48.7	86.7	71.3	4.0
Utah	26.1	55.4	79.4	31.1	48.7	78.1	-12.1
Nev	279.0	415.8	798.0	332.3	489.4	25.1	17.7
PAC:							
Wash	92.3	146.6	266.4	109.9	163.4	33.4	11.5
Oreg	47.3	81.5	116.5	56.3	71.4	44.8	-12.4
Calif	1,503.6	2,535.0	4,873.9	1,790.8	2,989.2	41.6	17.9
Alaska	6.8	10.7	16.8	8.1	10.3	32.1	-3.7
Hawaii	30.1	67.0	79.8	35.8	48.9	87.2	-27.0

Sources: U.S. Department of Commerce, Bureau of the Census, 1967 Census of Business, 1972 Census of Selected Service Industries, and 1977 Census of Service Industries.

Employment (in thousands)			% Change in Employment		Real Receipts per Employee (1972 dollars; 1,000s)			% Change in Real Receipts per Employee		
1967	1972	1977	1967- 1972	1972- 1977	1967	1972	1977	1967- 1972	1972- 1977	
486,840	653,049	660,321	34.1%	1.1%	\$19.3	\$19.4	\$18.3	0.5%	-5.7%	U.S.
1,302	2,184	1,821	67.7	-16.6	16.2	12.5	12.4	-22.8	-0.8	NE:
D	3,196	3,526	(-)	10.3	(-)	15.7	14.2	(-)	-9.6	Maine
2,320	3,430	3,076	47.8	-10.3	10.0	10.4	10.2	4.0	-1.9	NH
10,255	15,518	14,317	51.3	-7.7	20.7	20.0	17.7	-3.4	-11.5	Vt
2,409	2,087	1,735	-13.4	-16.9	14.7	17.3	15.5	17.7	-10.4	Mass
5,019	5,582	7,099	11.2	27.2	15.9	16.8	16.5	5.7	-1.8	RI
										Conn
74,231	77,303	64,756	4.1	-16.2	32.5	31.0	30.4	-4.6	-1.9	MA:
11,152	16,873	16,792	51.3	-0.5	20.9	20.3	16.3	-2.9	-19.7	NY
19,579	20,893	22,718	6.7	8.7	16.7	18.1	17.7	8.4	-2.2	NJ
										Pa
20,893	27,802	28,675	33.1	3.1	17.8	19.2	17.0	7.9	-11.5	ENC:
7,451	10,054	9,259	34.9	-7.9	15.7	15.0	13.5	-4.5	-10.0	Ohio
22,428	33,755	27,746	50.5	-17.8	21.6	19.5	19.7	-9.7	1.0	Ind
16,540	22,378	22,002	35.3	-1.7	18.2	20.2	17.0	11.0	-15.8	Ill
7,703	11,749	12,691	52.5	8.0	13.8	13.8	12.1	0.0	-12.3	Mich
										Wis
7,509	11,833	11,944	57.6	0.9	14.3	14.9	13.8	4.2	-7.4	WNC:
5,442	7,212	7,322	32.5	1.5	12.8	12.7	11.8	-0.8	-7.1	Minn
9,718	14,094	12,131	45.0	-13.9	15.9	16.6	18.3	4.4	10.2	Iowa
938	1,238	1,278	32.0	3.2	10.8	11.8	9.2	9.3	-22.0	Mo
1,204	1,700	1,626	41.2	-4.4	17.7	14.2	13.0	-19.8	-8.5	N Dak
3,576	4,745	4,178	32.7	-11.9	14.5	14.0	10.2	-3.4	-27.1	S Dak
4,278	5,692	4,540	33.1	-20.2	11.9	12.9	11.7	8.4	-9.3	Nebr
										Kans
D	1,805	1,684	(-)	-6.7	(-)	24.0	18.4	(-)	-23.3	SA:
9,291	11,776	10,445	26.7	-11.3	16.0	16.8	16.2	5.0	-3.6	Del
2,662	2,970	2,351	11.6	-20.8	27.2	31.7	24.3	16.5	-23.3	Md
6,518	9,890	8,786	51.7	-11.2	12.9	15.1	16.1	17.1	6.6	DC
2,902	3,725	3,573	28.4	-4.1	16.4	17.9	15.0	9.1	-16.2	VA
5,962	9,680	9,022	62.4	-6.8	16.9	16.6	15.9	-1.8	-4.2	W Va
2,573	4,303	4,392	67.2	2.1	15.8	15.4	14.2	-2.5	-7.8	NC
6,120	8,888	8,601	45.2	-3.2	17.8	20.1	19.2	12.9	-4.5	SC
22,269	41,693	45,322	87.2	8.7	14.9	16.3	14.6	9.4	-10.4	Ga
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Selected Services
SIC 8072: DENTAL LABORATORIES

	Receipts (Current dollars, millions)		Real Receipts (1972 dollars, millions)	% Change in Real Receipts	Employment		% Change in Employment	Real Receipts per Employee (1972 dollars, thousands)		% Change in Real Receipts per Employee
	1972	1977	1977	1972-1977	1972	1977	1972-1977	1972	1977	1972-1977
U.S.	\$518.6	\$862.0	\$528.7	1.9%	29,827	35,603	19.4%	\$17.4	\$14.9	-14.4%
NE:										
Maine	1.0	1.8	1.1	10.0	60	91	51.7	16.7	12.1	-27.5
NH	1.5	2.6	1.6	6.7	88	117	33.0	17.0	13.7	-19.4
Vt	0.2	0.4	0.2	.0	9	21	133.3	22.2	9.5	-57.2
Mass	12.3	16.4	10.1	-17.9	798	767	-3.9	15.4	13.2	-14.3
RI	1.4	2.0	1.2	-14.3	106	96	-9.4	13.2	12.5	-5.3
Conn	6.7	11.7	7.2	7.5	401	494	23.2	16.7	14.6	-12.6
MA:										
NY	78.1	107.7	66.1	-15.4	4,521	4,660	3.1	17.3	14.2	-17.9
NJ	19.6	33.1	20.3	3.6	1,134	1,273	12.3	17.3	15.9	-8.1
Pa	23.2	36.3	22.3	-3.9	1,361	1,578	15.9	17.0	14.1	-17.1
ENC:										
Ohio	17.7	30.4	18.6	5.1	1,068	1,383	29.5	16.6	13.4	-19.3
Ind	9.2	16.9	10.4	13.0	581	678	16.7	15.8	15.3	-3.2
Ill	26.9	47.6	29.2	8.6	1,456	1,878	29.0	18.5	15.5	-16.2
Mich	21.0	37.3	22.9	9.0	1,113	1,367	22.8	18.9	16.8	-11.1
Wis	9.9	19.6	12.0	21.2	607	814	34.1	16.3	14.7	-9.8
WNC:										
Minn	11.6	23.0	14.1	21.6	708	971	37.1	16.4	14.5	-11.6
Iowa	5.0	9.6	5.9	18.0	336	432	28.6	14.9	13.7	-8.1
Mo	10.2	16.7	10.2	.0	670	740	10.4	15.2	13.8	-9.2
N Dak	2.3	0	(-)	(-)	127	0	(-)	18.1	(-)	(-)
S Dak	1.0	2.1	1.3	30.0	58	87	50.0	17.2	14.9	-13.4
Nebr	3.2	6.2	3.8	18.8	216	268	24.1	14.8	14.2	-4.1
Kans	6.0	9.3	5.7	-5.0	436	407	-6.7	13.8	14.0	1.4
SA:										
Del	1.2	1.7	1.0	-16.7	80	62	-22.5	15.0	16.1	7.3
Md	12.1	15.9	9.8	-19.0	830	740	-10.8	14.6	13.2	-9.6
DC	1.7	1.6	1.0	-41.2	79	63	-20.3	21.5	15.9	-26.0
VA	7.7	13.2	8.1	5.2	388	567	46.1	19.8	14.3	-27.8
W Va	4.5	4.7	2.9	-35.6	266	187	-29.7	16.9	15.5	-8.3
NC	8.0	15.4	9.4	17.5	472	663	40.5	16.9	14.2	-16.0
SC	2.7	5.0	3.1	14.8	142	215	51.4	19.0	14.4	-24.2
Ga	12.3	22.9	14.0	13.8	715	916	28.1	17.2	15.3	-11.0
Fla	20.6	35.0	21.5	4.4	1,081	1,344	24.3	19.1	16.0	-16.2
ESC:										
Ky	3.5	5.8	3.6	2.9	182	248	36.3	19.2	14.5	-24.5
Tenn	8.8	15.0	9.2	4.5	469	632	34.8	18.8	14.6	-22.3
Ala	6.8	13.0	8.0	17.6	376	583	55.1	18.1	13.7	-24.3
Miss	1.5	3.6	2.2	46.7	94	139	47.9	16.0	15.8	-1.3
WSC:										
Ark	2.7	0	(-)	(-)	141	0	(-)	19.1	(-)	(-)
La	6.3	10.3	6.3	.0	410	471	14.9	15.4	13.4	-13.0
Okla	5.2	7.9	4.8	-7.7	321	323	.6	16.2	14.9	-8.0
Tex	20.0	38.8	23.8	19.0	1,228	1,582	28.8	16.3	15.0	-8.0
MT:										
Mont	1.1	1.7	1.0	-9.1	43	62	44.2	25.6	16.1	-37.1
Idaho	1.0	2.6	1.6	60.0	49	99	102.0	20.4	16.2	-20.6
Wyo	0.5	0.8	0.5	.0	21	24	14.3	23.8	20.8	-12.6
Colo	5.8	10.2	6.3	8.6	305	408	33.8	19.0	15.4	-18.9
N Mex	1.4	2.9	1.8	28.6	74	137	85.1	18.9	13.1	-30.7
Ariz	5.7	11.9	7.3	28.1	277	519	87.4	20.6	14.1	-31.6
Utah	2.0	4.5	2.8	40.0	102	243	138.2	19.6	11.5	-41.3
Nev	1.0	2.8	1.7	70.0	46	98	113.0	21.7	17.3	-20.3
PAC:										
Wash	11.5	21.9	13.4	16.5	593	874	47.4	19.4	15.3	-21.1
Oreg	9.2	17.2	10.5	14.1	504	682	35.3	18.3	15.4	-15.8
Calif	83.2	131.2	80.5	-3.2	4,505	5,048	12.1	18.5	15.9	-14.1
Alaska	0.6	1.3	0.8	33.3	20	46	130.0	30.0	17.4	-42.0
Hawaii	2.1	4.0	2.5	19.0	160	170	6.3	13.1	14.7	12.2

Sources: U.S. Department of Commerce, Bureau of the Census, 1972 Census of Selected Service Industries, and 1977 Census of Service Industries.

Selected Services
SIC 81: LEGAL SERVICES

	Receipts (Current dollars, millions)		Real Receipts (1972 dollars, millions)		% Change in Real Receipts		Employment		% Change in Employment		Real Receipts per Employee (1972 dollars, thousands)		% Change in Real Receipts per Employee	
	1972	1977	1972	1977	1972-1977		1972	1977	1972-1977		1972	1977	1972-1977	
U.S.	\$9,724.2	\$17,147.4	\$10,516.3		8.1%		267,656	392,048	46.5%		\$36.3	\$26.8	-26.2%	
NE:														
Maine	31.7	57.9	35.5		12.0		1,027	1,607	56.5		30.9	22.1	-28.5	
NH	33.1	52.5	32.2		-2.7		875	1,478	68.9		37.8	21.8	-42.3	
Vt	17.1	26.6	16.3		-4.7		534	748	40.1		32.0	21.8	-31.9	
Mass	287.2	470.7	288.7		.5		8,376	10,838	29.4		34.3	26.6	-22.4	
RI	34.5	55.2	33.9		-1.7		985	1,347	36.8		35.0	25.2	-28.0	
Conn	168.6	258.8	158.7		-5.9		4,558	6,157	35.1		37.0	25.8	-30.3	
MA:														
NY	1,707.6	2,596.0	1,592.1		-6.8		43,043	52,859	22.8		39.7	30.1	-24.2	
NJ	393.2	615.2	377.3		-4.0		11,348	15,431	36.0		34.6	24.5	-29.2	
Pa	474.1	796.8	488.7		3.1		13,685	18,179	32.8		34.6	26.9	-22.3	
ENC:														
Ohio	380.8	644.9	395.5		3.9		10,565	15,482	46.5		36.0	25.5	-29.2	
Ind	154.5	246.3	151.1		-2.2		4,298	5,816	35.3		35.9	26.0	-27.6	
Ill	627.5	1,155.6	708.7		12.9		15,529	23,045	48.4		40.4	30.8	-23.8	
Mich	369.9	573.5	351.7		-4.9		9,342	13,312	42.5		39.6	26.4	-33.3	
Wis	154.2	264.2	162.0		5.1		5,337	7,650	43.3		28.9	21.2	-26.6	
WNC:														
Minn	157.8	276.0	169.3		7.3		4,670	6,890	47.5		33.8	24.6	-27.2	
Iowa	88.4	151.7	93.0		5.2		2,944	4,154	41.1		30.0	22.4	-25.3	
Mo	157.6	284.3	174.4		10.7		4,428	6,732	52.0		35.6	25.9	-27.2	
N Dak	15.1	28.4	17.4		15.2		624	845	35.4		24.2	20.6	-14.9	
S Dak	17.5	29.0	17.8		1.7		519	718	38.3		33.7	24.8	-26.4	
Nebr	48.8	88.2	54.1		10.9		1,580	2,326	47.2		30.9	23.3	-24.6	
Kans	66.4	114.6	70.3		5.9		2,289	3,196	39.6		29.0	22.0	-24.1	
SA:														
Del	23.6	41.2	25.3		7.2		710	1,084	52.7		33.2	23.3	-29.8	
Md	150.8	270.2	165.7		9.9		4,467	6,592	47.6		33.8	25.1	-25.7	
DC	284.8	611.8	375.2		31.7		6,149	10,013	62.8		46.3	37.5	-19.0	
VA	168.9	309.0	189.5		12.2		5,386	8,154	51.4		31.4	23.2	-26.1	
W Va	39.4	73.9	45.3		15.0		1,274	1,746	37.0		30.9	25.9	-16.2	
NC	129.0	229.2	140.6		9.0		3,617	5,817	60.8		35.7	24.2	-32.2	
SC	69.9	129.8	79.6		13.9		2,167	3,542	63.5		32.3	22.5	-30.3	
Ga	175.5	324.0	198.7		13.2		4,737	7,605	60.5		37.0	26.1	-29.5	
Fla	470.1	904.2	554.5		18.0		13,314	22,198	66.7		35.3	25.0	-29.2	
ESC:														
Ky	82.2	150.5	92.3		12.3		2,450	3,559	45.3		33.6	25.9	-22.9	
Tenn	102.2	193.8	118.9		16.3		2,830	4,659	64.6		36.1	25.5	-29.4	
Ala	93.3	172.1	105.5		13.1		2,742	4,211	53.6		34.0	25.1	-26.2	
Miss	54.3	96.0	58.9		8.5		1,703	2,578	51.4		31.9	22.8	-28.5	
WSC:														
Ark	43.9	76.0	46.6		6.2		1,388	2,023	45.7		31.6	23.0	-27.2	
La	159.3	312.8	191.8		20.4		4,561	6,971	52.8		34.9	27.5	-21.2	
Okla	90.2	170.8	1,04.8		16.2		2,758	4,149	50.4		32.7	25.3	-22.6	
Tex	463.9	953.7	584.9		26.1		12,826	20,500	59.8		36.2	28.5	-21.3	
MT:														
Mont	22.6	41.4	25.4		12.4		702	1,044	48.7		32.2	24.3	-24.5	
Idaho	20.6	42.1	25.8		25.2		688	1,178	71.2		29.9	21.9	-26.8	
Wyo	9.3	20.7	12.7		36.6		326	542	66.3		28.5	23.4	-17.9	
Colo	104.1	214.7	131.7		26.5		3,160	5,487	73.6		32.9	24.0	-27.1	
N Mex	30.8	60.7	37.2		20.8		1,034	1,817	75.7		29.8	20.5	-31.2	
Ariz	95.4	178.2	109.3		14.6		2,857	4,543	59.0		33.4	24.1	-27.8	
Utah	29.8	60.2	36.9		23.8		1,010	1,645	62.9		29.5	22.4	-24.1	
Nev	31.5	57.6	35.3		12.1		903	1,389	53.8		34.9	25.4	-27.2	
PAC:														
Wash	130.4	260.0	159.5		22.3		3,857	6,134	59.0		33.8	26.0	-23.1	
Oreg	88.8	160.6	98.5		10.9		2,813	4,127	46.7		31.6	23.9	-24.4	
Calif	1,115.3	2,150.0	1,318.6		18.2		29,337	47,476	61.8		38.0	27.8	-26.8	
Alaska	20.3	57.5	35.3		73.9		447	1,008	125.5		45.4	35.0	-22.9	
Hawaii	33.1	65.1	39.9		20.5		885	1,447	63.5		37.4	27.6	-26.2	

Sources: U.S. Department of Commerce, Bureau of the Census, 1972 Census of Selected Service Industries, and 1977 Census of Service Industries.

Selected Services

SIC 891: ENGINEERING, ARCHITECTURAL, AND SURVEYING SERVICES

	Receipts (Current dollars, millions)		Real Receipts (1972 dollars, millions)	% Change in Real Receipts	Employment		% Change in Employment	Real Receipts per Employee (1972 dollars, thousands)		% Change in Real Receipts per Employee
	1972	1977	1977	1972-1977	1972	1977	1972-1977	1972	1977	1972-1977
U.S.	\$7,186.4	\$14,048.5	\$8,615.9	19.9%	292,587	373,150	27.5%	\$24.6	\$23.1	-6.1%
NE:										
Maine	14.6	26.4	16.2	11.0	783	999	27.6	18.6	16.2	-12.9
NH	9.5	23.6	14.5	52.6	523	935	78.8	18.2	15.5	-14.8
Vt	10.1	14.6	9.0	-10.9	542	502	-7.4	18.6	17.9	-3.8
Mass	337.3	538.7	330.4	-2.0	13,303	14,193	6.7	25.4	23.3	-8.3
RI	18.8	26.0	15.9	-15.4	854	798	-6.6	22.0	19.9	-9.5
Conn	96.3	124.0	76.0	-21.1	3,768	3,540	-6.1	25.6	21.5	-16.0
MA:										
NY	821.5	1,446.5	887.1	8.0	29,417	30,719	4.4	27.9	28.9	3.6
NJ	377.3	586.8	359.9	-4.6	12,081	15,014	24.3	31.2	24.0	-23.1
Pa	516.4	1,084.4	665.1	28.8	20,912	25,443	21.7	24.7	26.1	5.7
ENC:										
Ohio	253.8	470.4	288.5	13.7	11,076	13,405	21.0	22.9	21.5	-6.1
Ind	81.1	127.3	78.1	-3.7	4,020	4,150	3.2	20.2	18.8	-6.9
Ill	414.4	877.1	537.9	29.8	17,212	22,535	30.9	24.1	23.9	-.8
Mich	283.8	504.8	309.6	9.1	12,452	14,043	12.8	22.8	22.0	-3.5
Wis	75.1	142.6	87.5	16.5	3,534	4,741	34.2	21.3	18.5	-13.1
WNC:										
Minn	111.6	181.1	111.1	-.4	4,739	5,719	20.7	23.5	19.4	-17.4
Iowa	41.2	89.0	54.6	32.5	2,043	2,854	39.7	20.2	19.1	-5.4
Mo	209.8	349.2	214.2	2.1	7,038	10,199	44.9	29.8	21.0	-29.5
N Dak	10.2	23.1	14.2	39.2	508	765	50.6	20.1	18.6	-7.5
S Dak	7.8	17.9	11.0	41.0	373	576	54.4	20.9	19.1	-8.6
Nebr	40.5	79.8	48.9	20.7	1,788	2,421	35.4	22.7	20.2	-11.0
Kans	44.7	86.4	53.0	18.6	1,956	2,507	28.2	22.9	21.1	-7.9
SA:										
Del	13.2	16.9	10.4	-21.2	628	669	6.5	21.0	15.5	-26.2
Md	220.1	365.0	223.9	1.7	9,949	11,627	16.9	22.1	19.3	-12.7
DC	71.6	80.0	49.1	-31.4	2,449	1,983	-19.0	29.2	24.8	-15.1
VA	147.0	302.2	185.3	26.1	6,865	9,737	41.8	21.4	19.0	-11.2
W Va	17.3	47.9	29.4	69.9	997	1,615	62.0	17.4	18.2	4.6
NC	91.3	181.7	111.4	22.0	5,020	5,745	14.4	18.2	19.4	6.6
SC	56.1	118.3	72.6	29.4	2,971	4,020	35.3	18.9	18.1	-4.2
Ga	135.4	275.4	168.9	24.7	6,276	8,004	27.5	21.6	21.1	-2.3
Fla	284.5	432.6	265.3	-6.7	12,440	14,078	13.2	22.9	18.8	-17.9
ESC:										
Ky	51.1	118.9	72.9	42.7	2,722	3,747	37.7	18.8	19.5	3.7
Tenn	36.8	139.2	85.4	132.1	3,984	4,707	18.1	9.2	18.1	96.7
Ala	122.4	130.8	80.2	-34.5	3,712	4,149	11.8	33.0	19.3	-41.5
Miss	34.6	71.4	43.8	26.6	1,769	2,786	57.5	19.6	15.7	-19.9
WSC:										
Ark	24.4	43.7	26.8	9.8	1,391	1,751	25.9	17.5	15.3	-12.6
La	100.5	249.6	153.1	52.3	4,628	7,313	58.0	21.7	20.9	-3.7
Okla	75.0	121.6	74.6	-.5	3,367	3,505	4.1	22.3	21.3	-4.5
Tex	423.8	1,490.3	914.0	115.7	17,977	33,845	88.3	23.6	27.0	14.4
MT:										
Mont	13.3	32.7	20.1	51.1	653	1,014	55.3	20.4	19.8	-2.9
Idaho	12.5	42.4	26.0	108.0	598	1,373	129.6	20.9	18.9	-9.6
Wyo	6.6	30.9	19.0	187.9	364	775	112.9	18.1	24.5	35.4
Colo	117.5	220.1	135.0	14.9	4,524	6,300	39.3	26.0	21.4	-17.7
N Mex	28.6	52.7	32.3	12.9	1,384	1,834	32.5	20.7	17.6	-15.0
Ariz	76.2	129.7	79.5	4.3	3,286	3,696	12.5	23.2	21.5	-7.3
Utah	23.0	61.7	37.8	64.3	1,241	1,995	60.8	18.5	18.9	2.2
Nev	20.1	50.0	30.7	52.7	805	1,117	38.8	25.0	27.5	10.0
PAC:										
Wash	157.7	292.5	179.4	13.8	5,878	7,209	22.6	26.8	24.9	-7.1
Oreg	60.5	126.8	77.8	28.6	2,519	3,568	41.6	24.0	21.8	-9.2
Calif	868.9	1,826.2	1,120.0	28.9	32,586	44,854	37.6	26.7	25.0	-6.4
Alaska	22.0	68.7	42.1	91.4	539	1,416	162.7	40.8	29.7	-27.2
Hawaii	57.2	107.1	65.7	14.9	2,141	2,660	24.2	26.7	24.7	-7.5

Sources: U.S. Department of Commerce, Bureau of the Census, 1972 Census of Selected Service Industries, and 1977 Census of Service Industries.

Other Taxable Services

SIC 4722: ARRANGEMENT OF PASSENGER TRANSPORTATION

SIC 702, 4: ROOMING, BOARDING, AND MEMBERSHIP LODGING

	1977 Receipts (millions)		1977 Employment	1977 Receipts per Employee (1972 dollars, 1,000s)
	1977 dollars	1972 dollars		
U.S.	\$1,599.3	\$980.9	69,759	\$14.1
NE:				
Maine	2.7	1.7	132	12.9
NH	3.2	2.0	162	12.3
Vt	1.4	.9	89	10.1
Mass	66.8	41.0	2,759	14.9
RI	5.3	3.3	287	11.5
Conn	37.3	22.9	1,658	13.8
MA:				
NY	299.0	183.4	11,153	16.4
NJ	60.5	37.1	2,756	13.5
Pa	65.3	40.0	2,948	13.6
ENC:				
Ohio	41.7	25.6	1,853	13.8
Ind	12.8	7.9	616	12.8
Ill	115.6	70.9	5,157	13.7
Mich	48.7	29.9	2,188	13.7
Wis	22.8	14.0	1,058	13.2
WNC:				
Minn	26.2	16.1	1,169	13.8
Iowa	8.1	5.0	435	11.5
Mo	37.4	22.9	1,353	16.9
N Dak	1.7	1.0	98	10.2
S Dak	1.3	0.8	49	16.3
Nebr	4.1	2.5	168	14.9
Kans	12.0	7.4	571	13.0
SA:				
Del	2.4	1.5	138	10.9
Md	24.8	15.2	1,198	12.7
DC	15.2	9.3	622	15.0
VA	13.5	8.3	681	12.2
W Va	1.6	1.0	101	9.9
NC	7.0	4.3	518	8.3
SC	4.3	2.6	188	13.8
Ga	12.8	7.9	590	13.4
Fla	72.1	44.2	3,347	13.2
ESC:				
Ky	4.7	2.9	246	11.8
Tenn	8.6	5.3	418	12.7
Ala	4.8	2.9	243	11.9
Miss	2.6	1.6	156	10.3
WSC:				
Ark	2.7	1.7	172	9.9
La	12.8	7.9	604	13.1
Okla	7.5	4.6	310	14.8
Tex	62.5	38.3	2,671	14.3
MT:				
Mont	2.7	1.7	160	10.6
Idaho	3.6	2.2	152	14.5
Wyo	1.6	1.0	91	11.0
Colo	19.0	11.7	952	12.3
N Mex	3.6	2.2	203	10.8
Ariz	14.8	9.1	643	14.2
Utah	9.8	6.0	416	14.4
Nev	13.2	8.1	544	14.9
PAC:				
Wash	35.5	21.8	1,665	13.1
Oreg	17.3	10.6	825	12.8
Calif	261.2	160.2	11,497	13.9
Alaska	7.4	4.5	237	19.0
Hawaii	74.5	45.7	3,512	13.0

	1977 Receipts (millions)		1977 Employment	1977 Receipts per Employee (1972 dollars, 1,000s)
	1977 dollars	1972 dollars		
U.S.	\$234.4	\$143.8	12,747	\$11.3
NE:				
Maine	2.3	1.4	152	9.2
NH	1.3	0.8	80	10.0
Vt	0.8	0.5	60	8.3
Mass	7.0	4.3	380	11.3
RI	0.8	0.5	54	9.3
Conn	3.7	2.3	211	10.9
MA:				
NY	27.2	16.7	1,240	13.5
NJ	6.2	3.8	348	10.9
Pa	11.1	6.8	736	9.2
ENC:				
Ohio	7.4	4.5	602	7.5
Ind	3.4	2.1	140	15.0
Ill	8.2	5.0	408	12.3
Mich	5.1	3.1	340	9.1
Wis	3.1	1.9	192	9.9
WNC:				
Minn	4.7	2.9	399	7.3
Iowa	2.7	1.7	188	9.0
Mo	5.2	3.2	364	8.8
N Dak	0.3	0.2	11	18.2
S Dak	0.4	0.2	24	8.3
Nebr	1.8	1.1	79	13.9
Kans	2.5	1.5	158	9.5
SA:				
Del	0.1	0.1	5	20.0
Md	2.2	1.3	160	8.1
DC	2.6	1.6	120	13.3
VA	1.9	1.2	138	8.7
W Va	0.9	0.6	78	7.7
NC	3.6	2.2	226	9.7
SC	1.2	0.7	85	8.2
Ga	1.5	0.9	89	10.1
Fla	8.1	5.0	555	9.0
ESC:				
Ky	0.6	0.4	47	8.5
Tenn	1.9	1.2	143	8.4
Ala	1.4	0.9	87	10.3
Miss	1.5	0.9	125	7.2
WSC:				
Ark	0.6	0.4	54	7.4
La	1.7	1.0	147	6.8
Okla	2.4	1.5	135	11.1
Tex	6.4	3.9	414	9.4
MT:				
Mont	1.0	0.6	56	10.7
Idaho	1.2	0.7	65	10.8
Wyo	D	(-)	D	(-)
Colo	3.6	2.2	227	9.7
N Mex	0.9	0.6	73	8.2
Ariz	2.4	1.5	143	10.5
Utah	1.4	0.9	122	7.4
Nev	1.2	0.7	60	11.7
PAC:				
Wash	3.5	2.1	239	8.8
Oreg	2.9	1.8	185	9.7
Calif	46.5	28.5	2,445	11.7
Alaska	D	(-)	D	(-)
Hawaii	0.4	0.2	23	8.7

Source: U.S. Department of Commerce, Bureau of the Census, 1977 Census of Service Industries.

Other Taxable Services

SIC 80, EXCEPT 8072: HEALTH SERVICES, EXCEPT DENTAL LABORATORIES

	1977 Receipts (millions)		1977 Employment	1977 Receipts per Employee (1972 dollars, 1,000s)
	1977 dollars	1972 dollars		
U.S.	\$54,645.9	\$33,514.3	1,988,020	\$16.9
NE:				
Maine	197.5	121.1	9,911	12.2
NH	157.2	96.4	6,294	15.3
Vt	82.0	50.3	3,906	12.9
Mass	1,437.6	881.7	67,867	13.0
RI	210.0	128.8	9,304	13.8
Conn	825.3	506.2	34,571	14.6
MA:				
NY	4,239.3	2,600.0	139,619	18.6
NJ	1,731.6	1,062.0	57,289	18.5
Pa	2,279.3	1,397.9	78,678	17.8
ENC:				
Ohio	2,348.2	1,440.2	84,627	17.0
Ind	1,155.5	708.7	45,686	15.5
Ill	2,641.1	1,619.8	95,996	16.9
Mich	2,419.4	1,483.8	84,524	17.6
Wis	1,121.2	687.6	45,058	15.3
WNC:				
Minn	881.8	540.8	38,742	14.0
Iowa	629.4	386.0	28,425	13.6
Mo	1,048.2	642.9	39,591	16.2
N Dak	138.9	85.2	4,717	18.1
S Dak	122.2	74.9	5,031	14.9
Nebr	312.9	191.9	12,569	15.3
Kans	557.5	341.9	23,696	14.4
SA:				
Del	126.3	77.5	3,973	19.5
Md	929.2	569.9	32,894	17.3
DC	222.3	136.3	6,528	20.9
VA	1,130.4	693.3	40,792	17.0
W Va	339.9	208.5	11,373	18.3
NC	1,002.4	614.8	35,354	17.4
SC	474.1	290.8	17,080	17.0
Ga	1,210.4	742.3	44,081	16.8
Fla	2,872.0	1,761.4	97,460	18.1
ESC:				
Ky	657.6	403.3	25,084	16.1
Tenn	1,064.7	653.0	38,572	16.9
Ala	831.9	510.2	33,711	15.1
Miss	390.9	239.7	15,650	15.3
WSC:				
Ark	439.4	269.5	20,064	13.4
La	870.3	533.8	33,461	16.0
Okla	655.5	402.0	28,329	14.2
Tex	3,613.2	2,216.0	140,316	15.8
MT:				
Mont	160.2	98.3	6,274	15.7
Idaho	182.9	112.2	7,303	15.4
Wyo	71.0	43.5	2,468	17.6
Colo	628.5	385.5	24,841	15.5
N Mex	196.3	120.4	6,682	18.0
Ariz	598.9	367.3	17,855	20.6
Utah	268.3	164.5	10,181	16.2
Nev	276.1	169.3	7,799	21.7
PAC:				
Wash	1,049.6	643.7	42,948	15.0
Oreg	697.0	427.5	27,569	15.5
Calif	8,799.0	5,396.4	284,114	19.0
Alaska	106.9	65.6	2,427	27.0
Hawaii	244.5	150.0	6,736	22.3

SIC 82: EDUCATIONAL SERVICES

	1977 Receipts (millions)		1977 Employment	1977 Receipts per Employee (1972 dollars, 1,000s)
	1977 dollars	1972 dollars		
U.S.	\$1,806.2	\$1,107.7	94,819	\$11.7
NE:				
Maine	4.4	2.7	340	7.9
NH	4.2	2.6	310	8.4
Vt	1.5	0.9	126	7.1
Mass	58.7	36.0	3,511	10.3
RI	6.7	4.1	385	10.6
Conn	27.7	17.0	1,314	12.9
MA:				
NY	210.5	129.1	11,718	11.0
NJ	70.2	43.1	2,874	15.0
Pa	109.4	67.1	5,459	12.3
ENC:				
Ohio	66.6	40.8	3,348	12.2
Ind	19.4	11.9	1,071	11.1
Ill	139.6	85.6	5,617	15.2
Mich	44.3	27.2	2,312	11.8
Wis	10.6	6.5	797	8.2
WNC:				
Minn	35.8	22.0	1,251	17.6
Iowa	7.1	4.4	322	13.7
Mo	30.8	18.9	1,313	14.4
N Dak	1.3	0.8	82	9.8
S Dak	2.4	1.5	108	13.9
Nebr	6.7	4.1	426	9.6
Kans	10.9	6.7	516	13.0
SA:				
Del	16.0	9.8	415	23.6
Md	36.9	22.6	1,944	11.6
DC	22.4	13.7	1,111	12.3
VA	39.9	24.5	2,643	9.3
W Va	4.4	2.7	271	10.0
NC	16.5	10.1	1,201	8.4
SC	12.6	7.7	1,335	5.8
Ga	33.7	20.7	1,942	10.7
Fla	94.6	58.0	5,657	10.3
ESC:				
Ky	15.8	9.7	1,180	8.2
Tenn	26.6	16.3	1,517	10.7
Ala	20.9	12.8	1,667	7.7
Miss	18.3	11.2	1,658	6.8
WSC:				
Ark	5.6	3.4	467	7.3
La	27.9	17.1	2,231	7.7
Okla	25.2	15.5	1,293	12.0
Tex	77.1	47.3	4,262	11.1
MT:				
Mont	2.4	1.5	165	9.1
Idaho	1.3	0.8	104	7.7
Wyo	0	(-)	0	(-)
Colo	35.5	21.8	1,696	12.9
N Mex	5.8	3.6	339	10.6
Ariz	35.5	21.8	1,542	14.1
Utah	4.8	2.9	340	8.5
Nev	4.5	2.8	201	13.9
PAC:				
Wash	27.4	16.8	1,340	12.5
Oreg	16.9	10.4	705	14.8
Calif	293.5	180.0	13,679	13.2
Alaska	0	(-)	0	(-)
Hawaii	7.6	4.7	464	10.1

Source: U.S. Department of Commerce, Bureau of the Census, 1977 Census of Service Industries.

Other Taxable Services

SIC 83, 89 EXCEPT 891: SOCIAL SERVICES AND
MISCELLANEOUS SERVICES

	1977 Receipts (millions)		1977 Employment	1977 Receipts per Employee (1972 dollars, 1,000s)
	1977 dollars	1972 dollars		
U.S.	\$9,836.3	\$6,032.6	422,300	\$14.3
NE:				
Maine	32.1	19.7	1,582	12.5
NH	21.7	13.3	1,174	11.3
Vt	10.9	6.7	574	11.7
Mass	304.5	186.7	14,185	13.2
RI	34.3	21.0	1,516	13.9
Conn	132.4	81.2	5,154	15.8
MA:				
NY	1,365.3	837.3	44,347	18.9
NJ	314.6	192.9	11,973	16.1
Pa	450.2	276.1	16,953	16.3
ENC:				
Ohio	389.0	238.6	17,008	14.0
Ind	137.4	84.3	6,297	13.4
Ill	617.7	378.8	23,777	15.9
Mich	371.4	227.8	15,544	14.7
Wis	169.5	104.0	7,406	14.0
WNC:				
Minn	171.2	105.0	7,583	13.8
Iowa	90.0	55.2	4,554	12.1
Mo	211.7	129.8	10,177	12.8
N Dak	14.4	8.8	677	13.0
S Dak	15.5	9.5	832	11.4
Nebr	61.6	37.8	2,725	13.9
Kans	80.8	49.6	3,806	13.0
SA:				
Del	17.5	10.7	1,010	10.6
Md	146.8	90.0	6,056	14.9
DC	126.7	77.7	3,619	21.5
VA	145.3	89.1	7,420	12.0
W Va	40.5	24.8	2,180	11.4
NC	210.3	129.0	12,297	10.5
SC	69.6	42.7	4,341	9.8
Ga	213.5	130.9	10,496	12.5
Fla	361.9	222.0	17,313	12.8
ESC:				
Ky	114.9	70.5	6,500	10.8
Tenn	117.8	72.2	5,587	12.9
Ala	99.1	60.8	5,425	11.2
Miss	58.3	35.8	3,233	11.1
WSC:				
Ark	57.6	35.3	2,886	12.2
La	132.0	81.0	6,604	12.3
Okla	123.2	75.6	7,117	10.6
Tex	636.8	390.5	29,604	13.2
MT:				
Mont	28.8	17.7	1,535	11.5
Idaho	29.0	17.8	1,456	12.2
Wyo	17.2	10.5	843	12.5
Colo	152.1	93.3	6,686	14.0
N Mex	42.5	26.1	2,318	11.3
Ariz	120.0	73.6	6,261	11.8
Utah	52.4	32.1	2,532	12.7
Nev	38.9	23.9	1,602	14.9
PAC:				
Wash	152.6	93.6	6,903	13.6
Oreg	111.8	68.6	5,083	13.5
Calif	1,331.1	816.4	54,443	15.0
Alaska	43.0	26.4	1,286	20.5
Hawaii	48.6	29.8	1,820	16.4

Source: U.S. Department of Commerce, Bureau of
the Census, 1977 Census of Service
Industries.

Non-Taxable Services

SIC 7032: SPORTING AND RECREATIONAL CAMPS

	1977 Expenses (millions)		1977 Employment	1977 Expenses per Employee (1972 dollars, 1,000s)
	1977 dollars	1972 dollars		
U.S.	\$82.7	\$50.7	3,081	\$16.5
NE:				
Maine	1.8	1.1	51	21.6
NH	2.7	1.7	53	32.1
Vt	1.1	.7	31	22.6
Mass	4.2	2.6	161	16.1
RI	.3	.2	13	15.4
Conn	1.7	1.1	75	14.7
MA:				
NY	11.6	7.1	270	26.3
NJ	5.8	3.6	152	23.7
Pa	6.2	3.8	282	13.5
ENC:				
Ohio	3.2	2.0	129	15.5
Ind	1.5	.9	56	16.1
Ill	1.8	1.1	88	12.5
Mich	4.6	2.8	125	22.4
Wis	3.5	2.1	111	18.9
WNC:				
Minn	4.0	2.4	176	13.6
Iowa	1.1	.7	51	13.7
Mo	1.1	.6	45	13.3
N Dak	D	(-)	D	(-)
S Dak	D	(-)	D	(-)
Nebr	.3	.2	16	12.5
Kans	.1	.1	4	25.0
SA:				
Del	D	(-)	D	(-)
Md	2.2	1.3	65	20.0
DC	D	(-)	D	(-)
VA	2.0	1.2	87	13.8
W Va	.6	.4	25	16.0
NC	1.2	.7	54	13.0
SC	.7	.4	45	8.9
Ga	.3	.2	10	20.0
Fla	.6	.4	23	17.4
ESC:				
Ky	.3	.2	11	18.2
Tenn	1.2	.7	83	8.4
Ala	.5	.3	36	8.3
Miss	.4	.2	19	10.5
WSC:				
Ark	.4	.2	20	10.0
La	.3	.2	32	6.3
Okla	D	(-)	D	(-)
Tex	1.7	1.0	106	9.4
MT:				
Mont	D	(-)	D	(-)
Idaho	.1	.0	2	.0
Wyo	D	(-)	D	(-)
Colo	1.8	1.1	83	13.3
N Mex	D	(-)	D	(-)
Ariz	.6	.4	27	14.8
Utah	.2	.1	3	33.3
Nev	-	(-)	-	(-)
PAC:				
Wash	1.7	1.0	78	12.8
Oreg	.3	.2	8	25.0
Calif	5.8	3.5	253	13.8
Alaska	D	(-)	D	(-)
Hawaii	D	(-)	D	(-)

SIC 704: ORGANIZATION HOTELS AND LODGING HOUSES

	1977 Expenses (millions)		1977 Employment	1977 Expenses per Employee (1972 dollars, 1,000s)
	1977 dollars	1972 dollars		
U.S.	\$219.9	\$134.9	13,300	\$10.1
NE:				
Maine	2.1	1.3	134	9.7
NH	1.2	.7	90	7.8
Vt	.5	.3	23	13.0
Mass	5.6	3.4	388	8.8
RI	.9	.6	31	19.4
Conn	1.4	.8	53	15.1
MA:				
NY	19.6	12.0	1,047	11.5
NJ	3.5	2.1	288	7.3
Pa	17.8	10.9	1,123	9.7
ENC:				
Ohio	17.1	10.5	1,193	8.8
Ind	13.0	8.0	677	11.8
Ill	12.0	7.3	642	11.4
Mich	9.1	5.6	547	10.2
Wis	2.0	1.2	155	7.7
WNC:				
Minn	3.3	2.1	225	9.3
Iowa	3.8	2.3	196	11.7
Mo	4.9	3.0	233	12.9
N Dak	1.4	.9	102	8.8
S Dak	.5	.3	31	9.7
Nebr	3.1	1.9	198	9.6
Kans	5.7	3.5	327	10.7
SA:				
Del	.2	.1	11	9.1
Md	4.0	2.5	278	9.0
DC	.8	.5	56	8.9
VA	1.8	1.1	87	12.6
W Va	1.4	.8	91	8.8
NC	3.2	2.0	169	11.8
SC	1.1	.7	137	5.1
Ga	4.1	2.5	199	12.6
Fla	6.2	3.8	322	11.8
ESC:				
Ky	2.6	1.6	170	9.4
Tenn	1.3	.8	69	11.6
Ala	4.8	2.9	290	10.0
Miss	1.9	1.2	128	9.4
WSC:				
Ark	1.5	.9	73	12.3
La	1.7	1.1	106	10.4
Okla	3.4	2.1	150	14.0
Tex	9.1	5.6	554	10.1
MT:				
Mont	1.0	.6	74	8.1
Idaho	.8	.5	49	10.2
Wyo	D	(-)	D	(-)
Colo	4.2	2.5	316	7.9
N Mex	.3	.2	32	6.3
Ariz	1.7	1.0	88	11.4
Utah	1.8	1.1	191	5.8
Nev	.2	.1	15	6.7
PAC:				
Wash	5.6	3.4	315	10.8
Oreg	5.5	3.3	345	9.6
Calif	20.2	12.4	1,187	10.4
Alaska	D	(-)	D	(-)
Hawaii	.7	.5	52	9.6

Source: U.S. Department of Commerce, Bureau of the Census, 1977 Census of Service Industries.

Non-Taxable Services

SIC 7391,7: MISCELLANEOUS BUSINESS SERVICES

	1977 Expenses (millions)		1977 Employment	1977 Expenses per Employee (1972 dollars, 1,000s)
	1977 dollars	1972 dollars		
U.S.	\$1,214.4	\$744.8	35,634	\$20.9
NE:				
Maine	D	(-)	D	(-)
NH	D	(-)	D	(-)
Vt	D	(-)	D	(-)
Mass	D	(-)	D	(-)
RI	D	(-)	D	(-)
Conn	1.6	1.0	59	16.9
MA:				
NY	132.6	81.3	4,410	18.4
NJ	D	(-)	D	(-)
Pa	28.4	17.4	572	30.4
ENC:				
Ohio	D	(-)	D	(-)
Ind	3.1	1.9	155	12.3
Ill	D	(-)	D	(-)
Mich	3.9	2.4	159	15.1
Wis	4.7	2.9	199	14.6
WNC:				
Minn	2.5	1.5	88	17.0
Iowa	D	(-)	D	(-)
Mo	1.7	1.0	108	9.3
N Dak	-	(-)	-	(-)
S Dak	-	(-)	-	(-)
Nebr	-	(-)	-	(-)
Kans	D	(-)	D	(-)
SA:				
Del	-	(-)	-	(-)
Md	D	(-)	D	(-)
DC	D	(-)	D	(-)
VA	4.7	2.9	162	17.9
W Va	D	(-)	D	(-)
NC	D	(-)	D	(-)
SC	.3	.2	18	11.1
Ga	D	(-)	D	(-)
Fla	2.7	1.6	77	20.8
ESC:				
Ky	D	(-)	D	(-)
Tenn	D	(-)	D	(-)
Ala	D	(-)	D	(-)
Miss	D	(-)	D	(-)
WSC:				
Ark	D	(-)	D	(-)
La	D	(-)	D	(-)
Okla	D	(-)	D	(-)
Tex	D	(-)	D	(-)
MT:				
Mont	D	(-)	D	(-)
Idaho	D	(-)	D	(-)
Wyo	D	(-)	D	(-)
Colo	D	(-)	D	(-)
N Mex	D	(-)	D	(-)
Ariz	1.3	.8	75	10.7
Utah	D	(-)	D	(-)
Nev	D	(-)	D	(-)
PAC:				
Wash	D	(-)	D	(-)
Oreg	.5	.3	39	7.7
Calif	D	(-)	D	(-)
Alaska	-	(-)	-	(-)
Hawaii	D	(-)	D	(-)

SIC 792,7997: SELECTED AMUSEMENT AND RECREATIONAL SERVICES

	1977 Expenses (millions)		1977 Employment	1977 Expenses per Employee (1972 dollars, 1,000s)
	1977 dollars	1972 dollars		
U.S.	\$2,130.1	\$1,306.4	151,576	\$8.6
NE:				
Maine	4.2	2.3	234	9.8
NH	6.8	3.7	299	12.4
Vt	9.0	1.7	71	23.9
Mass	121.7	37.3	2,906	12.8
RI	9.7	5.9	462	12.8
Conn	100.7	30.9	2,575	12.0
MA:				
NY	301.1	184.7	12,334	15.0
NJ	70.1	43.0	3,393	12.7
Pa	142.5	87.4	8,326	10.5
ENC:				
Ohio	110.1	67.6	6,304	10.7
Ind	42.9	26.3	2,670	9.9
Ill	116.6	71.5	6,169	11.6
Mich	91.5	56.1	4,493	12.5
Wis	42.4	26.0	2,516	10.3
WNC:				
Minn	42.3	26.0	2,839	9.2
Iowa	22.9	14.0	1,500	9.3
Mo	45.6	28.0	2,524	11.1
N Dak	2.3	1.4	136	10.3
S Dak	3.6	2.2	207	10.6
Nebr	13.8	8.5	1,184	7.2
Kans	25.4	15.6	1,504	10.4
SA:				
Del	6.6	4.0	419	9.5
Md	41.1	25.2	2,573	9.8
DC	13.0	8.0	548	14.6
VA	50.4	30.9	2,852	10.8
W Va	10.3	6.3	650	9.7
NC	44.5	27.3	2,843	9.6
SC	16.3	10.0	1,040	9.6
Ga	41.8	25.6	2,486	10.3
Fla	79.4	48.7	5,525	8.8
ESC:				
Ky	26.2	16.1	1,598	10.1
Tenn	32.1	19.7	2,220	8.9
Ala	22.1	13.6	1,651	8.2
Miss	10.0	6.1	765	8.0
WSC:				
Ark	13.2	8.1	813	10.0
La	24.9	15.3	1,723	8.9
Okla	22.3	13.6	1,428	9.5
Tex	120.2	73.7	7,667	9.6
MT:				
Mont	D	(-)	D	(-)
Idaho	D	(-)	D	(-)
Wyo	D	(-)	D	(-)
Colo	25.5	15.7	1,642	9.6
N Mex	8.5	5.2	533	9.8
Ariz	22.5	13.8	1,746	7.9
Utah	11.9	7.3	839	8.7
Nev	1.2	.7	130	5.4
PAC:				
Wash	38.5	23.6	2,700	8.7
Oreg	18.4	11.3	1,409	8.0
Calif	193.6	118.7	10,825	11.0
Alaska	D	(-)	D	(-)
Hawaii	19.4	11.9	1,617	7.4

Source: U.S. Department of Commerce, Bureau of the Census, 1977 Census of Service Industries.

Non-Taxable Services

SIC 80: HEALTH SERVICES

	1977 Expenses (millions)		1977 Employment	1977 Expenses per Employee (1972 dollars, 1,000s)
	1977 dollars	1972 dollars		
U.S.	\$43,960.8	\$26,961.2	2,431,015	\$11.1
NE:				
Maine	287.1	176.0	17,554	10.0
NH	164.8	101.1	11,794	8.6
Vt	120.6	74.0	8,514	8.7
Mass	2,054.2	1,259.9	110,483	11.4
RI	288.6	177.0	18,083	9.8
Conn	867.2	531.9	46,915	11.3
MA:				
NY	5,328.4	3,267.9	257,587	12.7
NJ	1,651.5	1,012.8	87,016	11.6
Pa	3,295.2	2,020.9	190,138	10.6
ENC:				
Ohio	2,745.2	1,683.7	155,999	10.8
Ind	945.2	579.7	53,811	10.8
Ill	3,228.2	1,979.8	167,823	11.8
Mich	2,342.6	1,436.7	115,746	12.4
Wis	1,052.3	645.4	71,175	9.1
WNC:				
Minn	2,091.1	641.2	70,483	9.1
Iowa	1,771.6	326.0	37,190	8.8
Mo	2,257.2	692.2	66,806	10.4
N Dak	188.5	115.6	13,450	8.6
S Dak	134.3	82.4	11,339	7.3
Nebr	279.3	171.3	21,178	8.1
Kans	458.6	281.3	30,904	9.1
SA:				
Del	146.4	89.8	8,156	11.0
Md	849.3	520.9	44,765	11.6
DC	420.9	258.2	18,749	13.8
VA	713.1	437.4	44,969	9.7
W Va	323.8	198.6	18,658	10.6
NC	592.6	363.4	38,573	9.4
SC	246.2	151.0	15,775	9.6
Ga	306.6	188.0	17,880	10.5
Fla	1,215.1	745.2	66,111	11.3
ESC:				
Ky	524.4	321.6	32,076	10.0
Tenn	670.0	410.9	39,575	10.4
Ala	366.9	225.0	21,397	10.5
Miss	169.0	103.7	10,771	9.6
WSC:				
Ark	220.5	135.2	14,560	9.3
La	443.2	271.8	24,118	11.3
Okla	412.5	253.0	24,312	10.4
Tex	1,467.9	900.2	94,143	9.6
MT:				
Mont	139.1	85.3	9,485	9.0
Idaho	88.4	54.2	5,276	10.3
Wyo	25.6	15.7	1,730	9.1
Colo	520.0	318.9	30,884	10.3
N Mex	146.3	89.7	8,364	10.7
Ariz	420.2	257.7	22,443	11.5
Utah	155.2	95.2	10,615	9.0
Nev	28.1	17.2	1,505	11.4
PAC:				
Wash	635.8	389.9	35,988	10.8
Oreg	435.0	266.8	25,072	10.6
Calif	3,896.1	2,389.5	170,567	14.0
Alaska	78.4	48.1	3,217	15.0
Hawaii	149.1	94.4	7,293	12.9

SIC 81: LEGAL AID SOCIETIES
AND SIMILAR LEGAL SERVICES

	1977 Expenses (millions)		1977 Employment	1977 Expenses per Employee (1972 dollars, 1,000s)
	1977 dollars	1972 dollars		
U.S.	\$259.0	\$158.8	12,440	\$12.8
NE:				
Maine	D	(-)	D	(-)
NH	D	(-)	D	(-)
Vt	1.4	.9	78	11.5
Mass	5.4	3.3	371	8.9
RI	D	(-)	D	(-)
Conn	5.8	3.6	296	12.2
MA:				
NY	65.3	40.1	2,537	15.8
NJ	6.3	3.8	372	10.2
Pa	21.5	13.2	1,209	10.9
ENC:				
Ohio	9.1	5.6	504	11.1
Ind	3.2	2.0	188	10.6
Ill	9.1	5.6	448	12.5
Mich	9.0	5.5	433	12.7
Wis	2.6	1.6	113	14.2
WNC:				
Minn	3.9	2.4	164	14.6
Iowa	2.0	1.2	73	16.4
Mo	3.1	1.9	214	8.9
N Dak	D	(-)	D	(-)
S Dak	D	(-)	D	(-)
Nebr	.8	.5	50	10.0
Kans	1.4	.8	48	16.7
SA:				
Del	D	(-)	D	(-)
Md	D	(-)	D	(-)
DC	10.2	6.3	279	22.6
VA	1.7	1.0	99	10.1
W Va	1.2	.7	88	8.0
NC	2.2	1.4	89	15.7
SC	2.4	1.5	93	16.1
Ga	3.9	2.4	205	11.7
Fla	6.3	3.9	298	13.1
ESC:				
Ky	1.4	.8	74	10.8
Tenn	1.2	.8	52	15.4
Ala	2.9	1.8	60	30.0
Miss	2.0	1.2	109	11.0
WSC:				
Ark	D	(-)	D	(-)
La	2.8	1.7	126	13.5
Okla	D	(-)	D	(-)
Tex	6.5	4.0	368	10.9
MT:				
Mont	D	(-)	D	(-)
Idaho	D	(-)	D	(-)
Wyo	.3	.2	20	10.0
Colo	3.0	1.8	162	11.1
N Mex	2.2	1.3	90	14.4
Ariz	3.2	2.0	205	9.8
Utah	D	(-)	D	(-)
Nev	.6	.4	46	8.7
PAC:				
Wash	6.3	3.9	380	10.3
Oreg	2.7	1.6	150	10.7
Calif	31.9	19.6	1,516	12.9
Alaska	D	(-)	D	(-)
Hawaii	D	(-)	D	(-)

Source: U.S. Department of Commerce, Bureau of the Census, 1977 Census of Service Industries.

Non-Taxable Services

SIC 82: EDUCATIONAL SERVICES

	1977 Expenses (millions)		1977 Employment	1977 Expenses per Employee (1972 dollars, 1,000s)
	1977 dollars	1972 dollars		
U.S.	\$14,026.2	\$8,602.2	932,343	\$9.2
NE:				
Maine	69.7	42.7	6,094	7.0
NH	133.1	81.6	8,296	9.8
Vt	82.6	50.7	6,840	7.4
Mass	1,285.0	788.1	79,029	10.0
RI	124.0	76.0	9,097	8.4
Conn	455.4	279.3	26,274	10.6
MA:				
NY	2,242.9	1,375.6	130,245	10.6
NJ	389.1	238.7	25,874	9.2
Pa	1,475.4	904.9	89,721	10.1
ENC:				
Ohio	481.5	295.3	35,891	8.2
Ind	246.5	151.2	20,475	7.4
Ill	684.1	419.5	43,937	9.5
Mich	243.0	149.0	19,398	7.7
Wis	169.3	103.9	12,553	8.3
WNC:				
Minn	191.0	117.1	15,763	7.4
Iowa	158.4	97.1	16,271	6.0
Mo	365.8	224.3	25,635	8.7
N Dak	8.8	5.4	615	8.8
S Dak	27.4	16.8	3,066	5.5
Nebr	62.4	38.3	4,797	8.0
Kans	59.3	36.4	6,247	5.8
SA:				
Del	D	(-)	D	(-)
Md	276.2	169.4	16,071	10.5
DC	328.7	201.6	18,420	10.9
VA	190.5	116.8	14,759	7.9
W Va	39.6	24.3	4,151	5.9
NC	332.2	203.7	26,561	7.7
SC	119.5	73.3	10,637	6.9
Ga	235.5	144.4	20,093	7.2
Fla	319.0	195.6	20,790	9.4
ESC:				
Ky	84.3	51.7	8,831	5.9
Tenn	272.2	167.0	19,886	8.4
Ala	93.6	57.4	8,371	6.9
Miss	45.9	28.1	4,500	6.2
WSC:				
Ark	42.1	25.8	3,651	7.1
La	158.2	97.0	9,140	10.6
Okla	76.6	47.0	6,698	7.0
Tex	447.1	274.2	31,379	8.7
MT:				
Mont	12.9	7.9	1,299	6.1
Idaho	22.0	13.5	2,320	5.8
Wyo	1.6	1.0	93	10.8
Colo	99.5	61.0	7,110	8.6
N Mex	27.8	17.0	1,970	8.6
Ariz	29.0	17.8	2,279	7.8
Utah	D	(-)	D	(-)
Nev	1.3	.8	112	7.1
PAC:				
Wash	109.4	67.1	9,735	6.9
Oreg	87.9	53.9	8,164	6.6
Calif	1,409.7	864.6	73,208	11.8
Alaska	9.0	5.5	357	15.4
Hawaii	49.0	30.0	3,000	10.0

SIC 83: SOCIAL SERVICES

	1977 Expenses (millions)		1977 Employment	1977 Expenses per Employee (1972 dollars, 1,000s)
	1977 dollars	1972 dollars		
U.S.	\$8,294.9	\$5,087.3	676,473	\$7.5
NE:				
Maine	50.9	31.2	4,720	6.6
NH	33.2	20.4	3,256	6.3
Vt	27.4	16.8	3,145	5.3
Mass	313.1	192.0	24,426	7.9
RI	38.7	23.7	3,274	7.2
Conn	131.4	80.6	11,174	7.2
MA:				
NY	1,290.2	791.3	82,543	9.6
NJ	268.9	164.9	21,010	7.8
Pa	549.7	337.1	41,460	8.1
ENC:				
Ohio	373.5	229.0	33,835	6.8
Ind	162.8	99.9	16,151	6.2
Ill	466.0	285.8	36,715	7.8
Mich	283.2	173.7	22,729	7.6
Wis	176.9	108.5	18,283	5.9
WNC:				
Minn	187.2	114.8	18,838	6.1
Iowa	113.4	69.6	11,653	6.0
Mo	176.7	108.3	18,005	6.0
N Dak	19.7	12.1	1,845	6.6
S Dak	21.2	13.0	2,308	5.6
Nebr	64.5	39.5	4,828	8.2
Kans	73.0	44.8	6,348	7.1
SA:				
Del	28.0	17.2	2,224	7.7
Md	125.7	77.1	9,852	7.8
DC	181.1	111.0	7,328	15.1
VA	167.4	102.7	12,177	8.4
W Va	33.0	20.2	3,061	6.6
NC	135.2	82.9	14,222	5.8
SC	56.0	34.4	5,650	6.1
Ga	120.2	73.7	9,593	7.7
Fla	250.8	153.8	19,805	7.8
ESC:				
Ky	122.8	75.3	10,989	6.9
Tenn	93.5	57.4	9,002	6.4
Ala	81.2	49.8	7,650	6.5
Miss	85.0	52.2	8,301	6.3
WSC:				
Ark	66.9	41.0	6,812	6.0
La	91.8	56.3	9,208	6.1
Okla	81.3	49.9	7,191	6.9
Tex	368.0	225.7	31,146	7.2
MT:				
Mont	41.5	25.4	3,793	6.7
Idaho	19.4	11.9	1,682	7.1
Wyo	8.5	5.2	990	5.3
Colo	84.5	51.8	7,281	7.1
N Mex	37.0	22.7	3,320	6.8
Ariz	72.8	44.7	6,012	7.4
Utah	17.1	10.5	1,432	7.3
Nev	20.7	12.7	1,700	7.5
PAC:				
Wash	158.9	97.5	14,186	6.9
Oreg	90.4	55.5	8,285	6.7
Calif	792.4	486.0	62,747	7.7
Alaska	32.0	19.7	1,363	14.5
Hawaii	37.3	22.9	2,925	7.8

Source: U.S. Department of Commerce, Bureau of the Census, 1977 Census of Service Industries.

Non-Taxable Services

SIC 84, 7999 pt.: MUSEUMS, ART GALLERIES, AND
BOTANICAL AND ZOOLOGICAL GARDENS

	1977 Expenses (millions)		1977 Employment	1977 Expenses per Employee (1972 dollars, 1,000s)
	1977 dollars	1972 dollars		
U.S.	\$613.1	\$376.0	32,603	\$11.5
NE:				
Maine	1.0	.6	69	8.7
NH	2.2	1.3	120	10.8
Vt	1.6	1.0	100	10.0
Mass	35.4	21.7	2,114	10.3
RI	2.3	1.4	138	10.1
Conn	10.1	6.2	872	7.1
MA:				
NY	174.2	106.8	6,935	15.4
NJ	D	(-)	D	(-)
Pa	30.6	18.7	1,491	12.5
ENC:				
Ohio	34.0	20.9	2,071	10.1
Ind	9.4	5.8	534	10.9
Ill	D	(-)	D	(-)
Mich	19.2	11.8	1,151	10.3
Wis	4.6	2.8	276	10.1
WNC:				
Minn	13.8	8.5	626	13.6
Iowa	2.7	1.7	215	7.9
Mo	6.9	4.3	544	7.9
N Dak	.6	.4	23	17.4
S Dak	.7	.4	32	12.5
Nebr	2.3	1.4	156	9.0
Kans	1.1	.7	118	5.9
SA:				
Del	D	(-)	D	(-)
Md	7.9	4.9	386	12.7
DC	D	(-)	D	(-)
VA	18.7	11.4	963	11.8
W Va	.8	.5	41	12.2
NC	6.1	3.8	340	11.2
SC	2.3	1.4	167	8.4
Ga	3.6	2.2	210	10.5
Fla	9.0	5.5	511	10.8
ESC:				
Ky	5.4	3.3	294	11.2
Tenn	6.2	3.8	337	11.3
Ala	2.4	1.5	170	8.8
Miss	.7	.4	78	5.1
WSC:				
Ark	D	(-)	D	(-)
La	3.9	2.4	202	11.9
Okla	4.3	2.6	249	10.4
Tex	18.6	11.4	1,276	8.9
MT:				
Mont	.4	.3	39	7.7
Idaho	D	(-)	D	(-)
Wyo	D	(-)	D	(-)
Colo	D	(-)	D	(-)
N Mex	1.2	.7	99	7.1
Ariz	7.3	4.5	527	8.5
Utah	2.1	1.3	94	13.8
Nev	.1	.1	12	8.3
PAC:				
Wash	4.6	2.8	235	11.9
Oreg	8.0	4.9	560	8.8
Calif	D	(-)	D	(-)
Alaska	1.2	.8	50	16.0
Hawaii	5.8	3.6	413	8.7

SIC 86, EXCEPT 866: MEMBERSHIP ORGANIZATIONS,
EXCEPT RELIGIOUS

	1977 Expenses (millions)		1977 Employment	1977 Expenses per Employee (1972 dollars, 1,000s)
	1977 dollars	1972 dollars		
U.S.	\$12,067.8	\$7,401.2	600,062	\$12.3
NE:				
Maine	32.5	19.9	1,991	10.0
NH	30.9	19.0	2,410	7.9
Vt	16.2	9.9	1,211	8.2
Mass	292.3	179.3	16,965	10.6
RI	44.1	27.0	3,118	8.7
Conn	166.8	102.3	10,552	9.7
MA:				
NY	1,465.8	899.0	57,807	15.6
NJ	264.5	162.2	14,456	11.2
Pa	733.2	449.7	44,347	10.1
ENC:				
Ohio	588.3	360.8	37,079	9.7
Ind	245.0	150.2	17,274	8.7
Ill	981.2	601.8	44,639	13.5
Mich	529.4	324.7	25,044	13.0
Wis	208.1	127.6	15,499	8.2
WNC:				
Minn	226.3	138.8	15,653	8.9
Iowa	151.3	92.8	10,259	9.0
Mo	271.5	166.5	14,368	11.6
N Dak	33.3	20.4	2,841	7.2
S Dak	26.2	16.1	2,008	8.0
Nebr	74.7	45.8	5,138	8.9
Kans	120.3	73.8	6,874	10.7
SA:				
Del	25.6	15.7	1,766	8.9
Md	224.0	137.4	10,350	13.3
DC	1,257.1	771.0	24,816	31.1
VA	296.0	181.6	11,114	16.3
W Va	59.9	36.7	5,658	6.5
NC	138.3	84.8	7,866	10.8
SC	50.9	31.2	2,907	10.7
Ga	153.5	94.1	7,541	12.5
Fla	289.6	177.6	14,859	12.0
ESC:				
Ky	80.4	49.3	5,724	8.6
Tenn	130.2	79.9	7,802	10.2
Ala	86.7	53.2	5,888	9.0
Miss	40.1	24.6	2,502	9.8
WSC:				
Ark	45.7	28.0	3,024	9.3
La	95.9	58.8	5,711	10.3
Okla	96.4	59.1	5,177	11.4
Tex	398.8	244.6	21,916	11.2
MT:				
Mont	38.9	23.8	2,918	8.2
Idaho	27.7	17.0	1,877	9.1
Wyo	19.2	11.8	1,414	8.3
Colo	149.9	91.9	6,942	13.2
N Mex	43.5	26.7	3,113	8.6
Ariz	93.5	57.4	5,249	10.9
Utah	42.5	26.1	2,554	10.2
Nev	32.8	20.1	1,495	13.4
PAC:				
Wash	212.1	130.1	11,779	11.0
Oreg	118.4	72.6	7,170	10.1
Calif	1,216.6	746.2	57,461	13.0
Alas	52.2	32.0	1,537	20.8
Hawaii	49.3	30.2	2,399	12.6

Source: U.S. Department of Commerce, Bureau of the Census, 1977 Census of Service Industries.

Non-Taxable Services

SIC 892: NONCOMMERCIAL EDUCATIONAL, SCIENTIFIC,
AND RESEARCH ORGANIZATIONS

	1977 Expenses (millions)		1977 Employment	1977 Expenses per Employee (1972 dollars, 1,000s)
	1977 dollars	1972 dollars		
U.S.	\$1,437.3	\$881.5	47,773	\$18.5
NE:				
Maine	D	(-)	D	(-)
NH	.7	.4	48	8.3
Vt	1.7	1.0	96	10.4
Mass	182.2	111.7	5,528	20.2
RI	1.6	1.0	77	13.0
Conn	8.5	5.2	332	15.7
MA:				
NY	516.9	317.0	16,795	18.9
NJ	10.8	6.6	433	15.2
Pa	46.9	28.8	2,211	13.0
ENC:				
Ohio	16.5	10.1	700	14.4
Ind	3.8	2.3	154	14.9
Ill	41.2	25.3	1,217	20.8
Mich	27.7	17.0	1,053	16.1
Wis	4.6	2.8	195	14.4
WNC:				
Minn	20.0	12.3	667	18.4
Iowa	.6	.4	25	16.0
Mo	21.0	12.9	853	15.1
N Dak	-	(-)	-	(-)
S Dak	D	(-)	D	(-)
Nebr	3.5	2.1	125	16.8
Kans	1.8	1.1	105	10.5
SA:				
Del	1.7	1.0	82	12.2
Md	12.8	7.8	499	15.6
DC	151.7	93.0	3,512	26.5
VA	17.2	10.6	747	14.2
W Va	D	(-)	D	(-)
NC	9.4	5.8	276	21.0
SC	.3	.2	17	11.8
Ga	9.7	6.0	347	17.3
Fla	18.4	11.3	808	14.0
ESC:				
Ky	1.5	.9	97	9.3
Tenn	7.1	4.4	272	16.2
Ala	1.8	1.1	70	15.7
Miss	D	(-)	D	(-)
WSC:				
Ark	1.9	1.1	96	11.5
La	3.2	2.0	116	17.2
Okla	9.4	5.8	476	12.2
Tex	57.8	35.4	1,690	20.9
MT:				
Mont	5.2	3.2	158	20.3
Idaho	2.0	1.2	57	21.1
Wyo	.2	.1	13	7.7
Colo	15.8	9.7	474	20.5
N Mex	10.3	6.3	463	13.6
Ariz	12.3	7.6	561	13.5
Utah	6.5	4.0	230	17.4
Nev	D	(-)	D	(-)
PAC:				
Wash	20.6	12.6	794	15.9
Oreg	15.7	9.6	587	16.4
Calif	106.8	65.5	3,691	17.7
Alaska	.4	.3	12	25.0
Hawaii	D	(-)	D	(-)

SIC 4722: OTHER 7, 89 EXCEPT 892:
ALL OTHER INDUSTRIES

	1977 Expenses (millions)		1977 Employment	1977 Expenses per Employee (1972 dollars, 1,000s)
	1977 dollars	1972 dollars		
U.S.	\$1,065.5	\$653.4	44,231	\$14.8
NE:				
Maine	3.6	2.2	131	16.8
NH	D	(-)	D	(-)
Vt	D	(-)	D	(-)
Mass	D	(-)	D	(-)
RI	2.0	1.2	92	13.0
Conn	10.8	6.6	634	10.4
MA:				
NY	138.1	84.7	4,560	18.6
NJ	85.6	52.5	3,942	13.3
Pa	44.1	27.1	2,207	12.3
ENC:				
Ohio	D	(-)	D	(-)
Ind	10.0	6.1	538	11.3
Ill	37.4	22.9	1,680	13.6
Mich	23.7	14.5	869	16.7
Wis	13.4	8.2	830	9.9
WNC:				
Minn	12.8	7.8	897	8.7
Iowa	D	(-)	D	(-)
Mo	7.5	4.6	415	11.1
N Dak	2.7	1.7	178	9.6
S Dak	1.3	.8	112	7.1
Nebr	25.5	15.7	778	20.2
Kans	D	(-)	D	(-)
SA:				
Del	.8	.5	51	9.8
Md	D	(-)	D	(-)
DC	32.9	20.2	939	21.5
VA	76.1	46.7	2,380	19.6
W Va	2.8	1.7	143	11.9
NC	D	(-)	D	(-)
SC	5.3	3.2	229	14.0
Ga	D	(-)	D	(-)
Fla	19.1	11.7	1,089	10.7
ESC:				
Ky	D	(-)	D	(-)
Tenn	D	(-)	D	(-)
Ala	D	(-)	D	(-)
Miss	1.3	.8	56	14.3
WSC:				
Ark	2.3	1.4	146	9.6
La	D	(-)	D	(-)
Okla	5.2	3.2	236	13.6
Tex	D	(-)	D	(-)
MT:				
Mont	2.2	1.3	258	5.0
Idaho	1.3	.8	80	10.0
Wyo	1.4	.8	78	10.3
Colo	27.8	17.1	1,334	12.8
N Mex	1.7	1.0	106	9.4
Ariz	6.3	3.9	424	9.2
Utah	D	(-)	D	(-)
Nev	1.5	.9	34	26.5
PAC:				
Wash	D	(-)	D	(-)
Oreg	4.7	2.9	249	11.6
Calif	188.7	115.7	7,067	16.4
Alaska	1.5	.9	65	13.8
Hawaii	1.1	.7	62	11.3

Source: U.S. Department of Commerce, Bureau of the Census, 1977 Census of Service Industries.

State and Local Government Revenue, Per Capita

Total State and Local Government Revenue

	Revenue per Capita (Current dollars)			Revenue per Capita (in 1972 dollars)		Percent Change in Real Revenue	
	1967	1972	1977	1967	1977	1967-72	1972-77
U.S.	\$538.66	\$916.28	\$1,561.44	\$641.5	\$957.6	42.8%	4.5%
NE:							
Maine	452.22	826.79	1,310.26	538.6	803.6	53.5	-2.8
NH	482.84	829.42	1,258.69	575.1	772.0	44.2	-6.9
Vt	597.96	1,068.78	1,655.02	712.2	1,015.0	50.1	-5.0
Mass	566.89	986.14	1,689.52	675.2	1,036.2	46.1	5.1
RI	500.75	842.90	1,563.39	596.4	958.8	41.3	13.8
Conn	503.09	921.69	1,497.48	599.2	918.4	53.8	-4.4
MA:							
NY	728.22	1,287.90	2,221.00	867.3	1,362.1	48.5	5.8
NJ	487.40	899.21	1,641.25	580.5	1,006.6	54.9	11.9
Pa	475.61	853.62	1,436.09	566.5	880.8	50.7	3.2
ENC:							
Ohio	479.36	780.37	1,364.02	570.9	836.6	36.7	7.2
Ind	467.49	737.51	1,137.41	556.8	697.6	32.5	-5.4
Ill	468.54	933.63	1,514.72	558.1	929.0	67.3	-4.5
Mich	560.50	997.45	1,684.36	667.6	1,033.0	49.4	3.6
Wis	555.28	933.91	1,561.36	661.3	957.6	41.2	2.5
WNC:							
Minn	602.65	1,001.71	1,716.91	717.8	1,053.0	39.6	5.1
Iowa	552.23	820.83	1,429.12	657.7	876.5	24.8	6.8
Mo	439.03	722.28	1,167.07	522.9	715.8	38.1	-9.9
N Dak	583.42	838.66	1,538.76	694.9	943.7	20.7	12.5
S Dak	535.33	817.88	1,313.42	637.6	805.5	28.3	-1.5
Nebr	579.36	912.43	1,725.65	690.0	1,058.3	32.2	16.0
Kans	516.46	796.20	1,350.73	615.1	828.4	29.4	4.0
SA:							
Del	573.86	970.70	1,675.90	683.5	1,027.8	42.0	5.9
Md	491.20	880.01	1,584.09	585.0	971.5	50.4	10.4
DC	603.08	1,479.83	3,215.17	718.3	1,971.9	106.0	33.3
VA	420.02	736.75	1,268.91	500.2	778.2	47.3	5.6
W Va	445.38	778.31	1,274.61	530.4	781.7	46.7	4.4
NC	406.82	693.54	1,234.16	484.5	756.9	43.1	9.1
SC	353.93	637.53	1,158.71	421.5	710.6	51.3	11.5
Ga	424.96	754.08	1,286.17	506.1	788.8	49.0	4.6
Fla	476.06	771.33	1,273.23	567.0	780.9	36.0	1.2
ESC:							
Ky	419.72	673.85	1,211.78	499.9	743.2	34.8	10.3
Tenn	446.15	756.48	1,338.93	531.4	821.2	42.4	8.6
Ala	414.32	714.76	1,267.14	493.5	777.1	44.8	8.7
Miss	394.24	717.61	1,203.57	469.5	738.1	52.8	2.9
WSC:							
Ark	383.01	631.08	1,047.90	456.2	642.7	38.3	1.8
La	495.82	808.80	1,359.40	590.5	833.7	37.0	3.1
Okla	494.51	746.94	1,234.72	589.0	757.3	26.8	1.4
Tex	415.67	706.09	1,227.37	495.1	752.7	42.6	6.6
MT:							
Mont	592.04	999.18	1,657.71	705.1	1,016.7	41.7	1.8
Idaho	529.97	796.78	1,317.91	631.2	808.3	26.2	1.4
Wyo	807.50	1,114.35	2,100.45	961.7	1,288.2	15.9	15.6
Colo	613.81	953.10	1,638.82	731.0	1,005.1	30.4	5.5
N Mex	614.25	921.55	1,456.83	731.6	893.5	26.0	-3.0
Ariz	617.39	918.82	1,572.48	735.3	964.4	25.0	5.0
Utah	573.15	853.83	1,400.41	682.6	858.9	25.1	4.6
Nev	755.79	1,146.10	1,888.69	900.1	1,158.3	27.3	1.1
PAC:							
Wash	744.71	1,107.52	1,856.13	886.9	1,138.4	24.9	2.8
Oreg	624.53	994.86	1,816.82	743.8	1,114.3	33.8	12.0
Calif	741.97	1,208.15	2,024.67	883.7	1,241.7	36.7	2.8
Alaska	1,167.24	1,818.60	4,186.10	1,390.2	2,567.3	30.8	41.2
Hawaii	716.21	1,116.36	2,051.55	853.0	1,258.2	30.9	12.7

Sources: U.S. Department of Commerce, Bureau of the Census, Census of Governments, 1967, 1972, and 1977; and authors' calculations.

State and Local Government Revenue, Per Capita
Intergovernment Revenue

	Revenue per Capita (Current dollars)			Revenue per Capita (in 1972 dollars)		Percent Change in Real Revenue	
	1967	1972	1977	1967	1977	1967-72	1972-77
U.S.	\$77.68	\$150.52	\$288.58	\$92.5	\$177.0	62.7%	17.6%
NE:							
Maine	73.81	169.21	327.43	87.9	200.8	92.5	18.7
NH	64.24	112.68	236.80	76.5	145.2	47.3	28.9
Vt	126.47	221.30	421.39	150.6	258.4	46.9	16.8
Mass	69.07	158.00	327.60	82.3	200.9	92.0	27.2
RI	84.66	155.66	364.78	100.8	223.7	54.4	43.7
Conn	61.70	120.43	242.98	73.5	149.0	63.9	23.7
MA:							
NY	68.56	182.91	358.29	81.7	219.7	123.9	20.1
NJ	47.84	123.09	269.09	57.0	165.0	115.9	34.0
Pa	56.94	121.81	263.68	67.8	161.7	79.7	32.7
ENC:							
Ohio	54.07	94.93	213.92	64.4	131.2	47.4	38.2
Ind	52.20	92.00	187.66	62.2	115.1	47.9	25.1
Ill	55.58	164.51	252.73	66.2	155.0	148.5	-5.8
Mich	69.15	143.90	310.62	82.4	190.5	74.6	32.4
Wis	61.44	114.44	270.23	73.2	165.7	56.3	44.8
WNC:							
Minn	87.63	151.10	312.93	104.4	191.9	44.7	27.0
Iowa	73.54	104.86	248.18	87.6	152.2	19.7	45.1
Mo	72.84	130.11	242.08	86.8	148.5	49.9	14.1
N Dak	109.14	177.18	373.84	130.0	229.3	36.3	29.4
S Dak	108.09	167.22	322.68	128.7	197.9	29.9	18.3
Nebr	81.46	116.56	234.31	97.0	143.7	20.2	23.3
Kans	69.67	127.28	236.10	83.0	144.8	53.3	13.8
SA:							
Del	72.87	165.08	343.98	86.8	211.0	90.2	27.8
Md	56.30	123.47	291.96	67.1	179.1	84.0	45.1
DC	180.98	676.48	1,713.86	215.5	1,051.1	213.9	55.4
VA	66.42	122.63	254.63	79.1	156.2	55.0	27.4
W Va	103.32	196.46	313.09	123.1	192.0	59.6	-2.3
NC	62.02	120.76	282.51	73.9	173.3	63.4	43.5
SC	59.91	122.09	261.14	71.4	160.2	71.0	31.2
Ga	79.62	152.83	272.58	94.8	167.2	61.2	9.4
Fla	62.33	103.92	209.97	74.2	128.8	40.1	23.9
ESC:							
Ky	103.58	149.04	280.55	123.4	172.1	20.8	15.5
Tenn	84.32	137.03	255.89	100.4	156.9	36.5	14.5
Ala	86.34	171.74	292.84	102.8	179.6	67.1	4.6
Miss	89.99	177.06	293.26	107.2	179.9	65.2	1.6
WSC:							
Ark	97.57	161.36	268.93	116.2	164.9	38.9	2.2
La	95.39	153.96	306.89	113.6	188.2	35.5	22.2
Okla	114.05	170.52	289.24	135.8	177.4	25.6	4.0
Tex	66.23	123.93	213.63	78.9	131.0	57.1	5.7
MT:							
Mont	127.46	234.27	408.50	151.8	250.5	54.3	6.9
Idaho	87.29	166.04	318.85	104.0	195.6	59.7	17.8
Wyo	228.65	280.13	487.44	272.3	298.9	2.9	6.7
Colo	100.98	175.65	292.88	120.3	179.6	46.0	2.2
N Mex	169.40	249.81	358.83	201.8	220.1	23.8	-11.9
Ariz	112.20	134.70	228.62	133.6	140.2	.8	4.1
Utah	129.85	199.60	329.24	154.7	201.9	29.0	1.2
Nev	158.98	174.76	273.60	189.3	167.8	-7.7	-4.0
PAC:							
Wash	95.07	162.74	319.57	113.2	196.0	43.8	20.4
Oreg	99.92	191.84	375.81	119.0	230.5	61.2	20.2
Calif	116.52	202.55	338.09	138.8	207.4	45.9	2.4
Alaska	552.69	540.40	756.46	658.3	463.9	-17.9	-14.2
Hawaii	149.19	235.79	514.94	177.7	315.8	32.7	33.9

Sources: U.S. Department of Commerce, Bureau of the Census, Census of Governments, 1967, 1972, and 1977; and authors' calculations.

State and Local Government Revenue, Per Capita

Total State and Local Government Taxes

	Revenue per Capita (Current dollars)			Revenue per Capita (in 1972 dollars)		Percent Change in Real Revenue	
	1967	1972	1977	1967	1977	1967-72	1972-77
U.S.	\$308.30	\$526.35	\$813.08	\$367.2	\$498.7	43.3%	-5.3%
NE:							
Maine	260.20	487.07	661.00	309.9	405.4	57.2	-16.8
NH	257.86	453.39	619.84	307.1	380.1	47.6	-16.2
Vt	321.04	607.75	807.13	382.4	495.0	58.9	-18.6
Mass	369.70	645.45	1,002.16	440.3	614.6	46.6	-4.8
RI	296.60	517.76	785.86	353.3	482.0	46.5	-6.9
Conn	335.92	639.21	885.12	400.1	542.8	59.8	-15.1
MA:							
NY	459.40	787.97	1,254.16	547.1	769.2	44.0	-2.4
NJ	319.84	556.79	938.16	380.9	575.4	46.2	3.3
Pa	278.77	522.04	768.98	332.0	471.6	57.2	-9.7
ENC:							
Ohio	249.77	423.10	633.74	297.5	388.7	42.2	-8.1
Ind	294.37	460.11	645.68	350.6	396.0	31.2	-13.9
Ill	298.32	580.20	858.55	355.3	526.5	63.3	-9.3
Mich	316.31	577.75	872.50	376.7	535.1	53.4	-7.4
Wis	362.29	621.63	873.73	431.5	535.9	44.1	-13.8
WNC:							
Minn	350.74	577.20	906.50	417.7	556.0	38.2	-3.7
Iowa	333.77	498.11	749.79	397.5	459.8	25.3	-7.7
Mo	260.46	422.65	607.48	310.2	372.6	36.3	-11.8
N Dak	279.11	424.52	684.90	332.4	420.0	27.7	-1.1
S Dak	303.34	452.86	629.13	361.3	385.8	25.3	-14.8
Nebr	271.48	461.86	785.19	323.3	481.6	42.9	4.3
Kans	315.21	464.98	728.00	375.4	446.5	23.9	-4.0
SA:							
Del	339.52	573.19	829.66	404.4	508.8	41.7	-11.2
Md	318.42	559.46	887.28	379.2	544.2	47.5	-2.7
DC	339.84	612.08	1,078.45	404.7	661.4	51.2	8.1
VA	236.04	421.65	680.69	281.1	417.5	50.0	-1.0
W Va	222.69	391.42	623.80	265.2	382.6	47.6	-2.3
NC	224.56	381.12	593.87	267.5	364.2	42.5	-4.4
SC	196.52	342.69	548.38	234.1	336.3	46.4	-1.9
Ga	227.33	387.09	612.74	270.8	375.8	42.9	-2.9
Fla	270.74	439.99	628.37	322.5	385.4	36.4	-12.4
ESC:							
Ky	211.40	353.48	599.44	251.8	367.6	40.4	4.0
Tenn	210.86	355.83	565.04	251.1	346.5	41.7	-2.6
Ala	191.37	317.77	508.33	227.9	311.8	39.4	-1.9
Miss	196.47	343.82	529.81	234.0	324.9	46.9	-5.5
WSC:							
Ark	199.46	314.46	491.09	237.6	301.2	32.3	-4.2
La	261.81	431.50	635.41	311.8	389.7	38.4	-9.7
Okla	252.09	373.60	599.00	300.2	367.4	24.5	-1.7
Tex	227.36	390.06	638.83	270.8	391.8	44.0	.4
MT:							
Mont	303.59	520.09	759.92	361.6	466.1	43.8	-10.4
Idaho	293.50	413.10	638.54	349.6	391.6	18.2	-5.2
Wyo	350.20	485.52	995.97	417.1	610.8	16.4	25.8
Colo	343.15	505.67	820.25	408.7	503.1	23.7	-5.5
N Mex	270.98	414.67	621.00	322.7	380.9	28.5	-8.1
Ariz	320.50	513.31	834.75	381.7	512.0	34.5	-3.3
Utah	292.59	422.30	652.16	348.5	400.0	21.2	-5.3
Nev	374.31	601.92	888.11	445.8	544.7	35.0	-9.5
PAC:							
Wash	359.11	530.91	816.85	427.7	501.0	24.1	-5.6
Oreg	315.80	480.49	769.69	376.1	472.1	27.8	-1.7
Calif	406.47	689.15	1,090.84	484.1	669.0	42.4	-2.9
Alaska	315.60	479.66	2,262.48	375.9	1,387.6	27.6	189.3
Hawaii	406.60	636.26	978.76	484.3	600.3	31.4	-5.7

Sources: U.S. Department of Commerce, Bureau of the Census, Census of Governments, 1967, 1972, and 1977; and authors' calculations.

State and Local Government Revenue, Per Capita

Property Taxes

	Revenue per Capita (Current dollars)			Revenue per Capita (in 1972 dollars)		Percent Change in Real Revenue	
	1967	1972	1977	1967	1977	1967-72	1972-77
U.S.	\$131.64	\$205.91	\$288.97	\$156.8	\$177.2	31.3%	-13.9%
NE:							
Maine	126.17	219.31	240.35	150.3	147.4	45.9	-32.8
NH	163.47	273.82	384.12	194.7	235.6	40.6	-14.0
Vt	128.78	260.78	326.72	153.4	200.4	70.0	-23.2
Mass	191.65	330.60	491.29	228.3	301.3	44.8	-8.9
RI	135.16	204.58	320.71	161.0	196.7	27.1	-3.9
Conn	174.77	315.77	412.40	208.2	252.9	51.7	-19.9
MA:							
NY	180.98	288.16	449.62	215.5	275.8	33.7	-4.3
NJ	182.14	318.06	475.40	216.9	291.6	46.6	-8.3
Pa	93.66	142.35	200.70	111.5	123.1	27.7	-13.5
ENC:							
Ohio	129.18	184.76	238.88	153.9	146.5	20.1	-20.7
Ind	142.48	235.57	237.51	169.7	145.7	38.8	-38.2
Ill	145.81	241.49	315.50	173.7	193.5	39.0	-19.9
Mich	136.68	231.09	327.12	162.8	200.6	41.9	-13.2
Wis	151.07	277.62	301.21	179.9	184.7	54.3	-33.5
WNC:							
Minn	174.04	230.81	271.38	207.3	166.4	11.3	-27.9
Iowa	168.26	230.20	293.00	200.4	179.7	14.9	-21.9
Mo	106.46	156.65	193.68	126.8	118.8	23.5	-24.2
N Dak	142.33	170.37	224.91	169.5	137.9	0.5	-19.1
S Dak	170.06	239.54	306.31	202.5	187.9	18.3	-21.6
Nebr	196.38	236.19	366.52	233.9	224.8	1.0	-4.8
Kans	158.46	227.97	298.73	188.7	183.2	20.8	-19.6
SA:							
Del	67.40	98.94	134.40	80.3	82.4	23.2	-16.7
Md	131.19	180.45	260.48	156.2	159.8	15.5	-11.4
DC	114.98	189.03	242.08	136.9	148.5	38.1	-21.4
VA	70.90	120.15	195.77	84.4	120.1	42.4	-0.0
W Va	59.36	80.47	111.99	70.7	68.7	13.8	-14.6
NC	59.34	96.17	139.97	70.7	85.8	36.0	-10.8
SC	41.67	82.07	128.13	49.6	78.6	65.5	-4.2
Ga	71.30	118.14	192.64	84.9	118.1	39.2	-0.0
Fla	109.11	145.35	211.90	130.0	130.0	11.8	-10.6
ESC:							
Ky	57.14	74.08	112.48	68.1	69.0	8.8	-6.9
Tenn	61.79	95.85	141.78	73.6	87.0	30.2	-9.2
Ala	33.96	46.95	61.16	40.4	37.5	16.2	-20.1
Miss	54.38	77.84	118.38	64.8	72.6	20.1	-6.7
WSC:							
Ark	52.03	75.74	108.02	62.0	66.2	22.2	-12.6
La	53.65	86.86	96.12	63.9	59.0	35.9	-32.1
Okla	82.86	101.56	136.28	98.7	83.6	2.9	-17.7
Tex	103.22	152.57	233.32	122.9	143.1	24.1	-6.2
MT:							
Mont	170.10	263.31	358.73	202.6	220.0	30.0	-16.4
Idaho	107.87	145.96	203.37	128.5	124.7	13.6	-14.6
Wyo	191.70	226.64	409.84	228.3	251.4	-0.7	10.9
Colo	157.28	206.49	311.85	187.3	191.3	10.2	-7.4
N Mex	61.02	85.39	112.53	72.7	69.0	17.5	-19.2
Ariz	145.89	202.46	327.31	173.8	200.7	16.5	-0.9
Utah	120.99	143.89	191.32	144.1	117.3	-0.1	-18.5
Nev	149.66	205.20	285.42	178.2	175.0	15.2	-14.7
PAC:							
Wash	110.56	193.55	254.64	131.7	156.2	47.0	-19.3
Oreg	149.92	238.97	358.59	178.6	219.9	33.8	-8.0
Calif	209.12	328.78	459.53	249.1	281.8	32.0	-14.3
Alaska	77.70	117.30	1,298.61	92.5	796.4	26.8	578.9
Hawaii	82.48	121.46	167.46	98.2	102.7	23.7	-15.4

Sources: U.S. Department of Commerce, Bureau of the Census, Census of Governments, 1967, 1972, and 1977; and authors' calculations.

State and Local Government Revenue, Per Capita

Sales and Gross Receipts Taxes

	Revenue per Capita (Current dollars)			Revenue per Capita (in 1972 dollars)		Percent Change in Real Revenue	
	1967	1972	1977	1967	1977	1967-72	1972-77
U.S.	\$103.76	\$180.17	\$280.25	\$123.6	\$171.9	45.8%	-4.6%
NE:							
Maine	108.67	194.88	272.99	129.4	167.4	50.6	-14.1
NH	59.64	107.02	134.10	71.0	82.2	50.7	-23.2
Vt	78.84	177.15	234.16	93.9	143.6	88.7	-18.9
Mass	77.09	117.50	203.42	91.8	124.8	28.0	6.2
RI	115.71	181.87	271.91	137.8	166.8	32.0	-8.3
Conn	106.44	223.37	338.96	126.8	207.9	76.2	-6.9
MA:							
NY	117.75	224.65	343.29	140.2	210.5	60.2	-6.3
NJ	94.52	170.42	258.76	112.6	158.7	51.3	-6.9
Pa	102.98	166.36	240.34	122.6	147.4	35.7	-11.4
ENC:							
Ohio	83.43	144.18	209.77	99.4	128.7	45.1	-10.7
Ind	100.90	145.80	268.12	120.2	164.4	21.3	12.8
Ill	124.21	205.43	324.24	147.9	198.9	38.9	-3.2
Mich	123.44	174.74	240.01	147.0	147.2	18.9	-15.8
Wis	72.40	153.45	227.20	86.2	139.3	78.0	-9.2
WNC:							
Minn	55.45	152.40	252.58	66.0	154.9	130.9	1.6
Iowa	88.89	138.92	198.76	105.9	121.9	31.2	-12.3
Mo	95.17	150.52	248.60	113.3	152.5	32.9	1.3
N Dak	79.78	161.70	225.07	95.0	138.0	70.2	-14.7
S Dak	100.70	171.04	268.22	119.9	164.5	42.7	-3.8
Nebr	54.41	148.64	237.85	64.8	145.9	129.4	-1.8
Kans	92.01	147.52	236.10	109.6	144.8	34.6	-1.8
SA:							
Del	63.57	107.30	118.89	75.7	72.9	41.7	-32.1
Md	94.88	155.55	255.63	113.0	156.8	37.7	0.8
DC	119.20	203.17	379.56	142.0	232.8	43.1	14.6
VA	82.35	164.52	247.42	98.1	151.7	67.7	-7.8
W Va	122.62	218.85	353.64	146.0	216.9	49.9	-0.9
NC	87.28	159.19	229.77	104.0	140.9	53.1	-11.5
SC	98.92	170.27	247.14	117.8	151.6	44.5	-11.0
Ga	105.32	177.17	260.78	125.4	159.9	41.3	-9.7
Fla	122.56	231.17	314.59	146.0	192.9	58.3	-16.6
ESC:							
Ky	88.95	169.23	248.62	105.9	152.5	59.8	-9.9
Tenn	106.84	187.28	318.05	127.2	195.1	47.2	4.2
Ala	112.05	190.86	299.36	133.5	183.6	43.0	-3.8
Miss	108.45	201.05	298.37	129.2	183.0	55.6	-9.0
WSC:							
Ark	95.40	154.23	235.22	113.6	144.3	35.8	-6.4
La	107.57	194.89	310.01	128.1	190.1	52.1	-2.5
Okla	96.17	150.30	230.17	114.5	141.2	31.3	-6.1
Tex	77.75	171.97	281.02	92.6	172.3	85.7	0.2
MT:							
Mont	53.78	86.28	108.33	64.1	66.4	34.6	-23.0
Idaho	92.33	135.55	207.14	110.0	127.0	23.2	-6.3
Wyo	112.73	190.63	354.24	134.3	217.3	41.9	14.0
Colo	107.15	172.65	295.81	127.6	181.4	35.3	5.1
N Mex	132.40	210.57	327.75	157.7	201.0	33.5	-4.5
Ariz	129.98	221.89	361.17	154.8	221.5	43.3	-0.2
Utah	100.92	173.88	278.74	120.2	171.0	44.7	-1.7
Nev	160.38	330.81	473.28	191.0	290.3	73.2	-12.2
PAC:							
Wash	216.18	295.50	491.32	257.5	301.3	14.8	2.0
Oreg	40.67	59.43	75.55	48.4	46.3	22.8	-22.1
Calif	121.84	197.71	331.02	145.1	203.0	36.3	2.7
Alaska	78.48	115.05	237.58	93.5	145.7	23.0	26.6
Hawaii	202.09	318.11	519.02	240.7	318.3	32.2	0.1

Sources: U.S. Department of Commerce, Bureau of the Census, Census of Governments, 1967, 1972, and 1977; and authors' calculations.

State and Local Government Revenue, Per Capita
Motor Vehicle License (Taxes)

	Revenue per Capita (Current dollars)			Revenue per Capita (in 1972 dollars)		Percent Change in Real Revenue	
	1967	1972	1977	1967	1977	1967-72	1972-77
U.S.	\$11.57	\$16.01	\$21.25	\$13.8	\$13.0	16.0%	-18.8%
NE:							
Maine	11.26	14.47	19.86	13.4	12.2	8.0	-15.7
NH	14.62	18.34	22.19	17.4	13.6	5.4	-25.8
Vt	23.20	27.87	34.11	27.6	20.9	1.0	-25.0
Mass	5.47	5.89	9.36	6.5	5.7	-9.4	-3.2
RI	11.02	12.81	18.22	13.1	11.2	-2.2	-12.6
Conn	8.44	13.69	19.85	10.1	12.2	35.5	-10.9
MA:							
NY	11.08	13.63	18.17	13.2	11.1	3.3	-18.6
NJ	12.53	18.01	25.62	14.9	15.7	20.9	-12.8
Pa	8.70	13.15	22.70	10.4	13.9	26.4	5.7
ENC:							
Ohio	12.06	17.23	20.10	14.4	12.3	19.7	-28.6
Ind	9.85	11.35	17.01	11.7	10.4	-3.0	-8.4
Ill	16.36	28.05	34.19	19.5	21.0	43.8	-25.1
Mich	11.88	17.70	19.73	14.1	12.1	25.5	-31.6
Wis	13.70	15.55	19.56	16.3	12.0	-4.6	-22.8
WNC:							
Minn	15.32	17.64	26.53	18.2	16.3	-3.1	-7.6
Iowa	22.73	28.62	41.49	27.1	25.4	5.6	-11.3
Mo	13.65	18.29	21.63	16.3	13.3	12.2	-27.3
N Dak	17.61	25.58	36.10	21.0	22.1	21.8	-13.6
S Dak	20.98	25.90	27.23	25.0	16.7	3.6	-35.5
Nebr	10.88	21.09	24.76	13.0	15.2	62.2	-27.9
Kans	12.92	17.58	25.50	15.4	15.6	14.2	-11.3
SA:							
Del	15.90	26.46	33.93	18.9	20.8	40.0	-21.4
Md	9.32	15.02	18.26	11.1	11.2	35.3	-25.4
DC	9.85	17.50	30.04	11.7	18.4	49.6	5.1
VA	13.55	18.19	24.39	16.1	15.0	13.0	-17.5
W Va	12.73	14.68	20.97	15.2	12.9	-3.4	-12.1
NC	8.84	14.11	19.06	10.5	11.7	34.4	-17.1
SC	4.58	7.22	10.15	5.5	6.2	31.3	-14.1
Ga	5.66	7.56	9.07	6.7	5.6	12.8	-25.9
Fla	16.77	21.40	33.75	20.0	20.7	7.0	-3.3
ESC:							
Ky	5.91	10.81	14.40	7.0	8.8	54.4	-18.6
Tenn	11.44	18.96	25.43	13.6	15.6	39.4	-17.7
Ala	2.82	9.82	12.07	3.4	7.4	188.8	-24.6
Miss	6.24	9.07	9.06	7.4	5.6	22.6	-38.3
WSC:							
Ark	12.49	15.30	18.80	14.9	11.5	2.7	-24.8
La	3.83	7.66	10.04	4.6	6.2	66.5	-19.1
Okla	20.12	25.79	34.42	24.0	21.1	7.5	-18.2
Tex	13.63	17.97	22.35	16.2	13.7	10.9	-23.8
MT:							
Mont	12.68	22.36	27.40	15.1	16.8	48.1	-24.9
Idaho	17.44	20.21	29.23	20.8	17.9	-2.8	-11.4
Wyo	26.01	30.88	74.51	31.0	45.7	-4	48.0
Colo	11.15	11.95	19.40	13.3	11.9	-10.2	-4
N Mex	16.81	17.17	24.56	20.0	15.1	-14.2	-12.1
Ariz	10.96	14.10	22.03	13.1	13.5	7.6	-4.3
Utah	8.09	11.33	12.04	9.6	7.4	18.0	-34.7
Nev	20.21	17.91	27.14	24.1	16.6	-25.7	-7.3
PAC:							
Wash	11.76	14.27	19.66	14.0	12.1	1.9	-15.2
Oreg	16.96	24.64	33.53	20.2	20.6	22.0	-16.4
Calif	10.88	13.58	15.72	13.0	9.6	4.5	-29.3
Alaska	15.83	18.88	26.69	18.9	16.4	-1	-13.1
Hawaii	12.58	15.41	16.57	15.0	10.2	2.7	-33.8

Sources: U.S. Department of Commerce, Bureau of the Census, Census of Governments, 1967, 1972, and 1977; and authors' calculations.

State and Local Government Revenue, Per Capita

Individual Income Taxes

	Revenue per Capita (Current dollars)			Revenue per Capita (in 1972 dollars)		Percent Change in Real Revenue	
	1967	1972	1977	1967	1977	1967-72	1972-77
U.S.	\$29.44	\$73.12	\$135.16	\$35.1	\$82.9	108.3%	13.4%
NE:							
Maine	-	27.38	69.33	(-)	42.5	(-)	55.2
NH	3.95	8.58	8.31	4.7	5.1	82.6	-40.6
Vt	60.11	99.79	145.92	71.6	89.5	39.4	-10.3
Mass	49.45	128.50	206.25	58.9	126.5	118.2	-1.6
RI	-	68.61	110.76	(-)	67.9	(-)	-1.0
Conn	-	19.78	19.10	(-)	11.7	(-)	-40.8
MA:							
NY	101.24	180.78	326.99	120.6	200.5	49.9	10.9
NJ	1.55	3.16	96.71	1.8	59.3	75.6	1,776.6
Pa	19.65	99.96	164.19	23.4	100.7	327.2	0.7
ENC:							
Ohio	11.38	41.18	109.24	13.6	67.0	202.8	62.7
Ind	31.69	53.61	96.15	37.7	59.0	42.2	10.1
Ill	-	74.95	125.88	(-)	77.2	(-)	3.0
Mich	7.05	95.14	180.71	8.4	110.8	1,032.6	16.5
Wis	88.15	131.57	246.36	105.0	151.1	25.3	14.8
WNC:							
Minn	69.22	124.03	240.44	82.4	147.5	50.5	18.9
Iowa	38.55	70.12	154.92	45.9	95.0	52.8	35.5
Mo	29.32	67.89	98.63	34.9	60.5	94.5	-10.9
N Dak	17.35	30.86	84.67	20.7	51.9	49.1	68.2
S Dak	-	-	-	(-)	(-)	(-)	(-)
Nebr	-	35.52	109.71	(-)	67.3	(-)	89.5
Kans	31.22	42.23	90.16	37.2	55.3	13.5	30.9
SA:							
Del	103.82	173.99	305.19	123.6	187.2	40.8	7.6
Md	58.66	165.22	286.46	69.9	175.7	136.4	6.3
DC	79.39	183.13	374.67	94.6	229.8	93.6	25.5
VA	42.25	76.70	140.15	50.3	86.0	52.5	12.1
W Va	15.08	50.06	88.87	18.0	54.5	178.1	8.9
NC	37.50	69.39	141.81	44.7	87.0	55.2	25.4
SC	24.12	47.92	100.90	28.7	61.9	67.0	29.2
Ga	22.30	50.83	98.32	26.6	60.3	91.1	18.6
Fla	-	0.01	-	(-)	(-)	(-)	(-)
ESC:							
Ky	37.46	66.56	135.34	44.6	83.0	49.2	24.7
Tenn	2.31	3.37	5.22	2.8	3.2	20.4	-5.0
Ala	17.06	36.32	76.47	20.3	46.9	78.9	29.1
Miss	4.43	24.15	55.15	5.3	33.8	355.7	40.0
WSC:							
Ark	15.85	35.47	76.11	18.9	46.7	87.7	31.7
La	9.76	28.32	34.00	11.6	20.9	144.1	-26.2
Okla	13.00	37.11	76.97	15.5	47.2	139.4	27.2
Tex	-	-	-	(-)	(-)	(-)	(-)
MT:							
Mont	34.56	94.69	146.03	41.2	89.6	129.8	-5.4
Idaho	44.67	66.39	131.39	53.2	80.6	24.8	21.4
Wyo	-	-	-	(-)	(-)	(-)	(-)
Colo	39.69	73.94	129.11	47.3	79.2	56.3	7.1
N Mex	11.55	41.40	22.27	13.8	13.7	200.0	-66.9
Ariz	16.21	48.63	82.69	19.3	50.7	152.0	4.3
Utah	39.01	65.80	124.62	46.5	76.4	41.5	16.1
Nev	-	-	-	(-)	(-)	(-)	(-)
PAC:							
Wash	-	-	-	(-)	(-)	(-)	(-)
Oreg	76.70	115.14	235.60	91.3	144.5	26.1	25.5
Calif	26.08	89.82	165.44	31.1	101.5	188.8	13.0
Alaska	83.43	120.34	509.29	99.4	312.3	21.1	159.5
Hawaii	85.94	148.41	227.85	102.4	139.7	44.9	-5.9

Sources: U.S. Department of Commerce, Bureau of the Census, Census of Governments, 1967, 1972, and 1977; and authors' calculations.

State and Local Government Revenue, Per Capita

Corporate Income Taxes

	Revenue per Capita (Current dollars)			Revenue per Capita (in 1972 dollars)		Percent Change in Real Revenue	
	1967	1972	1977	1967	1977	1967-72	1972-77
U.S.	\$11.26	\$21.21	\$42.40	\$13.4	\$26.0	58.3%	22.6%
NE:							
Maine	-	8.35	32.47	(-)	19.9	(-)	138.3
NH	-	21.19	38.31	(-)	23.5	(-)	10.9
Vt	11.76	14.27	35.06	14.0	21.5	1.9	50.7
Mass	10.34	41.41	68.76	12.3	42.2	236.7	1.9
RI	19.43	29.57	43.59	23.1	26.7	28.0	-9.7
Conn	27.37	39.89	64.93	32.6	39.8	22.4	-2.2
MA:							
NY	24.20	42.52	72.22	28.8	44.3	47.6	4.2
NJ	6.92	16.22	45.35	8.2	27.8	97.8	71.4
Pa	21.03	40.38	56.46	25.0	34.6	61.5	-14.3
ENC:							
Ohio	-	12.49	29.50	(-)	18.1	(-)	44.9
Ind	2.89	1.99	16.11	3.4	9.9	-41.5	397.5
Ill	-	15.46	34.24	(-)	21.0	(-)	35.8
Mich	-	31.22	86.29	(-)	52.9	(-)	69.4
Wis	24.54	25.84	54.19	29.2	33.2	-11.5	28.5
WNC:							
Minn	19.43	28.85	64.85	23.1	39.8	24.9	38.0
Iowa	4.35	12.87	31.82	5.2	19.5	147.5	51.5
Mo	3.29	10.52	21.94	3.9	13.5	169.7	28.3
N Dak	5.22	14.04	33.54	6.2	20.6	126.5	46.7
S Dak	0.86	1.25	3.64	1.0	2.2	25.0	76.0
Nebr	-	6.63	26.97	(-)	16.5	(-)	148.9
Kans	10.52	14.68	52.89	12.5	32.4	17.4	120.7
SA:							
Del	24.33	31.01	49.89	29.0	30.6	6.9	-1.3
Md	9.69	19.09	27.87	11.5	17.1	66.0	-10.4
DC	-	-	-	(-)	(-)	(-)	(-)
VA	10.88	16.30	31.24	13.0	19.2	25.4	17.8
W Va	-	5.96	12.59	(-)	7.7	(-)	29.2
NC	19.59	23.69	37.04	23.3	22.7	1.7	-4.2
SC	16.70	19.63	37.04	19.9	22.7	-1.4	15.6
Ga	14.33	18.84	33.90	17.1	20.8	10.2	10.4
Fla	-	3.84	22.94	(-)	14.1	(-)	267.2
ESC:							
Ky	12.68	16.34	37.85	15.1	23.2	8.2	42.0
Tenn	11.12	19.30	36.36	13.2	22.3	46.2	15.5
Ala	8.46	9.38	20.56	10.1	12.6	-7.1	34.3
Miss	7.23	10.14	19.23	8.6	11.8	17.9	16.4
WSC:							
Ark	12.77	15.96	31.23	15.2	19.2	5.0	20.3
La	9.41	21.38	24.24	11.2	14.9	90.9	-30.3
Okla	8.62	10.64	25.07	10.3	15.4	3.3	44.7
Tex	-	-	-	(-)	(-)	(-)	(-)
MT:							
Mont	10.85	16.03	32.58	12.9	20.0	24.3	24.8
Idaho	13.70	17.06	36.25	16.3	22.2	4.7	30.1
Wyo	-	-	-	(-)	(-)	(-)	(-)
Colo	13.06	15.47	30.70	15.6	18.8	-8.8	21.5
N Mex	6.44	12.40	24.65	7.7	15.1	61.0	21.8
Ariz	8.82	14.46	22.47	10.5	13.8	37.7	-4.6
Utah	10.74	11.22	19.58	12.8	12.0	-12.3	7.0
Nev	-	-	-	(-)	(-)	(-)	(-)
PAC:							
Wash	-	-	-	(-)	(-)	(-)	(-)
Oreg	16.10	18.61	38.20	19.2	23.4	-3.1	25.7
Calif	23.63	32.30	75.00	28.1	46.0	14.9	42.4
Alaska	12.68	19.86	86.62	15.1	53.1	31.5	167.4
Hawaii	14.24	16.73	30.98	17.0	19.0	-1.6	13.6

Sources: U.S. Department of Commerce, Bureau of the Census, Census of Governments, 1967, 1972, and 1977; and authors' calculations.

State and Local Government Revenue, Per Capita
Other and Unallocable Taxes

	Revenue per Capita (Current dollars)			Revenue per Capita (in 1972 dollars)		Percent Change in Real Revenue	
	1967	1972	1977	1967	1977	1967-72	1972-77
U.S.	\$15.59	\$29.96	\$45.06	\$18.6	\$27.6	61.1%	-7.9%
NE:							
Maine	14.10	22.68	26.00	16.8	15.9	35.0	-29.9
NH	16.19	24.43	32.81	19.3	20.1	26.6	-17.7
Vt	18.35	27.90	31.16	21.9	19.1	27.4	-31.5
Mass	35.71	21.56	23.07	42.5	14.1	-49.3	-34.6
RI	15.27	20.32	20.67	18.2	12.7	11.6	-37.5
Conn	18.89	26.71	29.89	22.5	18.3	18.7	-31.5
MA:							
NY	24.14	38.27	43.87	28.8	26.9	32.9	-29.7
NJ	22.18	30.92	36.32	26.4	22.3	17.1	-27.9
Pa	32.74	59.84	84.60	39.0	51.9	53.4	-13.3
ENC:							
Ohio	13.73	23.26	26.25	16.4	16.1	41.8	-30.8
Ind	6.45	11.79	10.78	7.7	6.6	53.1	-44.0
Ill	11.94	14.83	24.50	14.2	15.0	4.4	1.1
Mich	35.26	27.86	18.64	42.0	11.4	-33.7	-59.1
Wis	12.44	17.60	25.22	14.8	15.5	18.9	-11.9
WNC:							
Minn	17.28	23.47	50.73	20.6	31.1	13.9	32.5
Iowa	10.99	17.39	29.80	13.1	18.3	32.7	5.2
Mo	12.57	18.78	22.99	15.0	14.1	25.2	-24.9
N Dak	16.82	21.96	50.60	20.0	31.0	9.8	41.2
S Dak	10.75	15.13	23.72	12.8	14.5	18.2	-4.2
Nebr	9.82	13.79	19.39	11.7	11.9	17.9	-13.7
Kans	10.08	15.01	24.62	12.0	15.1	25.1	0.6
SA:							
Del	64.52	135.49	220.43	76.8	135.2	76.4	-0.2
Md	14.69	24.14	38.58	17.5	23.7	37.9	-1.8
DC	16.42	19.25	52.11	19.6	32.0	-1.8	66.2
VA	15.88	25.70	41.72	18.9	25.6	36.0	-0.4
W Va	12.90	21.39	35.74	15.4	21.9	38.9	2.4
NC	12.00	18.56	26.22	14.3	16.1	29.8	-13.3
SC	10.53	15.58	25.02	12.5	15.3	24.6	-1.8
Ga	7.91	14.55	18.03	9.4	11.1	54.8	-23.7
Fla	22.30	37.81	45.20	26.6	27.7	42.1	-26.7
ESC:							
Ky	9.25	16.46	50.76	11.0	31.1	49.6	88.9
Tenn	17.36	31.06	38.19	20.7	23.4	50.0	-24.7
Ala	17.01	24.43	38.71	20.3	23.7	20.3	-3.0
Miss	15.74	21.57	29.64	18.7	18.2	15.3	-15.6
WSC:							
Ark	10.91	17.77	20.72	13.0	12.7	36.7	-28.5
La	77.57	92.38	161.01	92.4	98.7	-0.0	6.8
Okla	31.32	48.20	96.10	37.3	58.9	29.2	22.2
Tex	32.77	47.54	102.14	39.0	62.6	21.9	31.7
MT:							
Mont	21.62	37.42	86.84	25.7	53.3	45.6	42.4
Idaho	17.48	27.93	31.16	20.8	19.1	34.3	-31.6
Wyo	19.76	37.36	157.37	23.5	96.5	59.0	158.3
Colo	14.82	25.17	33.37	17.7	20.5	42.2	-18.6
N Mex	42.76	47.72	109.23	50.9	67.0	-6.2	40.4
Ariz	8.66	13.79	19.09	10.3	11.7	33.9	-15.2
Utah	12.83	16.18	25.86	15.3	15.9	5.8	-1.7
Nev	44.08	48.01	102.27	52.5	62.7	-8.6	30.6
PAC:							
Wash	20.61	27.59	51.23	24.5	31.4	12.6	13.8
Oreg	15.46	23.71	55.24	18.4	33.9	28.9	43.0
Calif	14.93	26.96	44.14	17.8	27.1	51.5	0.5
Alaska	47.48	88.23	103.70	56.5	63.6	56.2	-27.9
Hawaii	9.27	16.13	16.87	11.0	10.3	46.6	-36.1

Sources: U.S. Department of Commerce, Bureau of the Census, Census of Governments, 1967, 1972, and 1977; and authors' calculations.

State and Local Government Revenue, Per Capita

Charges and Miscellaneous

	Revenue per Capita (Current dollars)			Revenue per Capita (in 1972 dollars)		Percent Change in Real Revenue	
	1967	1972	1977	1967	1977	1967-72	1972-77
U.S.	\$74.94	\$127.69	\$216.17	\$89.3	\$132.6	43.0%	3.8%
NE:							
Maine	49.89	85.59	155.66	59.4	95.5	44.1	11.6
NH	57.12	97.28	179.35	68.0	110.0	43.1	13.1
Vt	58.84	127.05	197.58	70.1	121.2	81.2	-4.6
Mass	54.90	86.84	170.34	65.4	104.5	32.8	20.3
RI	49.40	82.69	183.66	58.8	112.6	40.6	36.2
Conn	57.82	91.07	163.57	68.9	100.3	32.2	10.1
MA:							
NY	87.07	149.44	263.40	103.7	161.5	44.1	8.1
NJ	59.27	112.49	187.07	70.6	114.7	59.3	2.0
Pa	53.53	96.67	152.28	63.8	93.4	51.5	-3.4
ENC:							
Ohio	70.70	120.89	204.04	84.2	125.1	43.6	3.5
Ind	77.11	129.25	189.90	91.8	116.5	40.8	-9.9
Ill	56.11	95.54	167.06	66.8	102.5	43.0	7.3
Mich	86.63	150.18	241.94	103.2	148.4	45.5	-1.2
Wis	73.24	117.20	218.17	87.2	133.8	34.4	14.2
WNC:							
Minn	95.87	172.37	277.67	114.2	170.3	50.9	-1.2
Iowa	83.56	131.95	235.87	99.5	144.7	32.6	9.7
Mo	60.79	101.71	158.54	72.4	97.2	40.5	-4.4
N Dak	162.99	181.90	362.21	194.1	222.1	-6.3	22.1
S Dak	86.67	152.48	235.08	103.2	144.2	47.8	-5.4
Nebr	89.87	155.79	271.08	107.0	166.3	45.6	6.7
Kans	82.83	132.49	233.18	98.7	143.0	34.2	7.9
SA:							
Del	130.27	177.88	295.36	155.2	181.1	14.6	1.8
Md	65.90	129.49	238.98	78.5	146.6	65.0	13.2
DC	48.88	140.12	163.27	58.2	100.1	140.8	-28.6
VA	56.44	107.36	182.69	67.2	112.0	59.8	4.3
W Va	56.60	88.90	149.83	67.4	91.9	31.9	3.4
NC	54.86	97.66	165.29	65.3	101.4	49.6	3.8
SC	55.67	105.39	173.16	66.3	106.2	59.0	0.8
Ga	71.73	145.14	239.29	85.4	146.8	70.0	1.1
Fla	85.01	139.04	235.00	101.2	144.1	37.4	3.6
ESC:							
Ky	68.53	110.43	179.10	81.6	109.8	35.3	-0.6
Tenn	58.96	107.18	187.22	70.2	114.8	52.7	7.1
Ala	73.34	127.76	243.27	87.3	149.2	46.3	16.8
Miss	67.17	123.68	221.81	80.0	136.0	54.6	10.0
WSC:							
Ark	54.25	104.95	165.17	64.6	101.3	62.5	-3.5
La	92.88	154.79	245.69	110.6	150.7	40.0	-2.6
Okla	91.38	146.70	216.65	108.8	132.9	34.8	-9.4
Tex	73.84	121.64	221.21	87.9	135.7	38.4	11.6
MT:							
Mont	84.72	126.68	235.82	100.9	144.6	25.6	14.1
Idaho	84.72	118.49	187.84	100.9	115.2	17.4	-2.8
Wyo	148.97	233.51	394.77	177.4	242.1	31.6	3.7
Colo	97.00	157.69	273.66	115.5	167.8	36.5	6.4
N Mex	122.40	177.73	320.10	145.8	196.3	21.9	10.4
Ariz	85.89	126.56	206.46	102.3	126.6	23.7	0.0
Utah	78.98	128.02	213.94	94.1	131.2	36.0	2.5
Nev	128.67	204.64	300.12	153.2	184.1	33.6	-10.0
PAC:							
Wash	108.92	185.88	289.30	129.7	177.4	43.3	-4.6
Oreg	102.27	153.63	301.55	121.8	184.9	26.1	20.4
Calif	89.92	142.19	230.68	107.1	141.5	32.8	-0.5
Alaska	198.89	610.10	657.83	236.9	403.4	157.5	-33.9
Hawaii	87.41	162.06	272.03	104.1	166.8	55.7	2.9

Sources: U.S. Department of Commerce, Bureau of the Census, Census of Governments, 1967, 1972, and 1977; and authors' calculations.

State and Local Government Revenue, Per Capita

Utility Revenue

	Revenue per Capita (Current dollars)			Revenue per Capita (in 1972 dollars)		Percent Change in Real Revenue	
	1967	1972	1977	1967	1977	1967-72	1972-77
U.S.	\$26.51	\$36.98	\$69.28	\$31.6	\$42.5	17.0%	14.9%
NE:							
Maine	7.68	8.64	16.57	9.1	10.2	-5.1	18.1
NH	6.10	9.95	16.86	7.3	10.3	36.3	3.5
Vt	16.06	21.65	46.88	19.1	28.8	13.4	33.0
Mass	28.76	36.73	60.85	34.3	37.3	7.1	1.6
RI	10.78	12.36	22.85	12.8	14.0	-3.4	13.3
Conn	9.80	13.52	26.38	11.7	16.2	15.6	19.8
MA:							
NY	34.10	51.36	92.91	40.6	57.0	26.5	11.0
NJ	9.44	11.50	19.08	11.2	11.7	2.7	1.7
Pa	11.35	21.87	28.21	13.5	17.3	62.0	-20.9
ENC:							
Ohio	18.27	23.96	38.19	21.8	23.4	9.9	-2.3
Ind	24.03	30.08	52.45	28.6	32.2	5.2	7.0
Ill	29.60	38.36	53.69	35.3	32.9	8.7	-14.2
Mich	21.43	27.72	44.97	25.5	27.6	8.7	-.4
Wis	17.06	22.04	37.73	20.3	23.1	8.6	4.8
WNC:							
Minn	21.59	32.16	55.84	25.7	34.2	25.1	6.3
Iowa	20.79	23.82	55.54	24.8	34.1	-4.0	43.2
Mo	23.17	27.74	51.85	27.6	31.8	0.5	14.6
N Dak	12.01	10.13	26.08	14.3	16.0	-29.2	57.9
S Dak	7.72	19.46	33.31	9.2	20.4	111.5	4.8
Nebr	124.90	158.22	376.82	148.8	231.1	6.3	46.1
Kans	31.36	39.66	80.43	37.3	49.3	6.3	24.3
SA:							
Del	20.51	29.04	75.64	24.4	46.4	19.0	59.8
Md	10.41	11.77	28.53	12.4	17.5	-5.1	48.7
DC	10.09	13.97	118.87	12.0	72.9	16.4	421.8
VA	16.54	24.82	43.37	19.7	26.6	26.0	7.2
W Va	5.38	6.21	12.06	6.4	7.4	-3.0	19.2
NC	19.28	29.17	64.57	23.0	39.6	26.8	35.8
SC	18.07	28.18	78.39	21.5	48.1	31.1	70.7
Ga	23.47	32.14	75.85	28.0	46.5	14.8	44.7
Fla	36.35	44.90	90.88	43.3	55.7	3.7	24.1
ESC:							
Ky	15.11	25.63	55.22	18.0	33.9	42.4	32.3
Tenn	71.05	120.64	251.72	84.6	154.4	42.6	28.0
Ala	30.13	44.30	89.31	35.9	54.8	23.4	23.7
Miss	14.61	18.63	44.34	17.4	27.2	7.1	46.0
WSC:							
Ark	15.00	20.59	40.89	17.9	25.1	15.0	21.9
La	17.19	24.09	46.67	20.5	28.6	17.5	18.7
Okla	22.47	30.37	60.34	26.8	37.0	13.3	21.8
Tex	29.44	41.31	88.40	35.1	54.2	17.7	31.2
MT:							
Mont	9.02	9.16	15.88	10.7	9.7	-14.4	5.9
Idaho	15.53	15.08	24.96	18.5	15.3	-18.5	1.5
Wyo	18.80	21.20	37.48	22.4	23.0	-5.4	8.5
Colo	34.82	45.07	88.56	41.5	54.3	8.6	20.5
N Mex	20.58	25.87	44.85	24.5	27.5	5.6	6.3
Ariz	48.86	71.36	136.37	58.2	83.6	22.6	17.2
Utah	22.00	26.82	49.58	26.2	30.4	2.4	13.3
Nev	17.46	23.46	57.90	20.8	35.5	12.8	51.3
PAC:							
Wash	77.29	95.73	144.11	92.1	88.4	3.9	-7.7
Oreg	22.19	31.73	57.80	26.4	35.4	20.2	11.6
Calif	38.56	53.56	93.01	45.9	57.0	16.7	6.4
Alaska	39.96	57.89	91.07	47.6	55.9	21.6	-3.4
Hawaii	15.41	23.77	30.27	18.4	18.6	29.2	-21.8

Sources: U.S. Department of Commerce, Bureau of the Census, Census of Governments, 1967, 1972, and 1977; and authors' calculations.

State and Local Government Revenue, Per Capita

Liquor Store Revenue

	Revenue per Capita (Current dollars)			Revenue per Capita (in 1972 dollars)		Percent Change in Real Revenue	
	1967	1972	1977	1967	1977	1967-72	1972-77
U.S.	\$8.41	\$10.22	\$11.79	\$10.0	\$7.2	2.2%	-29.5%
NE:							
Maine	34.18	38.05	31.75	40.7	19.5	-6.5	-48.8
NH	71.66	117.63	128.60	85.3	78.9	37.9	-32.9
Vt	39.03	52.80	56.93	46.5	34.9	13.5	-33.9
Mass	-	-	-	(-)	(-)	(-)	(-)
RI	-	-	-	(-)	(-)	(-)	(-)
Conn	-	-	-	(-)	(-)	(-)	(-)
MA:							
NY	-	-	-	(-)	(-)	(-)	(-)
NJ	-	-	-	(-)	(-)	(-)	(-)
Pa	26.90	33.04	38.20	32.0	23.4	3.3	-29.2
ENC:							
Ohio	26.14	27.99	30.24	31.1	18.5	-10.0	-33.9
Ind	-	-	-	(-)	(-)	(-)	(-)
Ill	-	-	-	(-)	(-)	(-)	(-)
Mich	27.06	33.75	36.98	32.2	22.7	4.8	-32.7
Wis	-	35.68	-	(-)	(-)	(-)	(-)
WNC:							
Minn	15.28	17.20	19.94	18.2	12.2	-5.5	-29.1
Iowa	20.96	27.00	36.25	25.0	22.2	8.0	-17.8
Mo	-	-	-	(-)	(-)	(-)	(-)
N Dak	-	-	-	(-)	(-)	(-)	(-)
S Dak	11.39	12.86	18.57	13.6	11.4	-5.4	-11.4
Nebr	-	-	-	(-)	(-)	(-)	(-)
Kans	-	-	-	(-)	(-)	(-)	(-)
SA:							
Del	-	-	-	(-)	(-)	(-)	(-)
Md	6.40	9.62	14.41	7.6	8.8	26.6	-8.5
DC	-	-	-	(-)	(-)	(-)	(-)
VA	28.49	34.64	37.17	33.9	22.8	2.2	-34.2
W Va	22.31	-	39.14	26.6	24.0	(-)	(-)
NC	21.67	20.79	27.92	25.8	17.1	-19.4	-17.7
SC	-	-	-	(-)	(-)	(-)	(-)
Ga	-	-	-	(-)	(-)	(-)	(-)
Fla	-	-	-	(-)	(-)	(-)	(-)
ESC:							
Ky	-	-	-	(-)	(-)	(-)	(-)
Tenn	-	-	-	(-)	(-)	(-)	(-)
Ala	15.61	24.32	29.03	18.6	17.8	30.8	-26.8
Miss	12.08	25.13	32.09	14.4	19.7	74.5	-21.6
WSC:							
Ark	-	-	-	(-)	(-)	(-)	(-)
La	-	-	-	(-)	(-)	(-)	(-)
Okla	-	-	-	(-)	(-)	(-)	(-)
Tex	-	-	-	(-)	(-)	(-)	(-)
MT:							
Mont	29.18	41.14	51.33	34.8	31.5	18.2	-23.4
Idaho	24.38	31.72	35.56	29.0	21.8	9.4	-31.3
Wyo	27.96	-	49.52	33.3	30.4	(-)	(-)
Colo	-	-	-	(-)	(-)	(-)	(-)
N Mex	-	-	-	(-)	(-)	(-)	(-)
Ariz	-	-	-	(-)	(-)	(-)	(-)
Utah	20.29	25.17	29.56	24.2	18.1	4.0	-28.1
Nev	-	-	-	(-)	(-)	(-)	(-)
PAC:							
Wash	35.02	35.40	45.64	41.7	28.0	-15.1	-20.9
Oreg	33.33	41.29	48.19	39.7	29.6	4.0	-28.3
Calif	-	-	-	(-)	(-)	(-)	(-)
Alaska	-	-	1.02	(-)	0.6	(-)	-40.0
Hawaii	-	-	-	(-)	(-)	(-)	(-)

Sources: U.S. Department of Commerce, Bureau of the Census, Census of Governments, 1967, 1972, and 1977; and authors' calculations.

State and Local Government Revenue, Per Capita

Insurance Trust Revenue

	Revenue per Capita (Current dollars)			Revenue per Capita (in 1972 dollars)		Percent Change in Real Revenue	
	1967	1972	1977	1967	1977	1967-72	1972-77
U.S.	\$42.83	\$64.49	\$162.55	\$51.0	\$99.7	26.5%	54.6%
NE:							
Maine	26.46	38.23	117.85	31.5	72.3	21.4	89.1
NH	25.84	38.49	77.24	30.8	47.4	25.0	23.1
Vt	36.51	37.23	125.11	43.5	76.7	-14.4	106.0
Mass	44.46	59.12	137.58	53.0	84.4	11.5	42.8
RI	59.30	74.42	206.24	70.6	126.5	5.4	70.0
Conn	38.19	57.46	179.42	45.5	110.0	26.3	91.4
MA:							
NY	79.09	116.22	252.24	94.2	154.7	23.4	33.1
NJ	51.00	85.34	227.85	60.7	139.7	40.6	63.7
Pa	48.12	58.18	184.74	57.3	113.3	1.5	94.7
ENC:							
Ohio	60.41	89.50	243.90	71.9	149.6	24.5	67.2
Ind	19.89	26.07	61.72	23.7	37.9	10.0	45.4
Ill	28.43	55.01	182.70	33.9	112.0	62.3	103.6
Mich	39.91	64.15	177.35	47.5	108.8	35.1	69.6
Wis	41.55	58.60	161.50	49.5	99.0	18.4	68.9
WNC:							
Minn	31.54	51.69	144.04	37.6	88.3	37.5	70.8
Iowa	19.62	35.09	103.59	23.4	63.5	50.0	81.0
Mo	22.68	40.07	107.13	27.0	65.7	48.4	64.0
N Dak	20.18	44.93	91.74	24.0	56.3	87.2	25.3
S Dak	8.11	13.00	74.65	9.7	45.8	34.0	252.3
Nebr	11.65	20.00	58.25	13.9	35.7	43.9	78.5
Kans	17.39	31.80	72.92	20.7	44.7	53.6	40.6
SA:							
Del	12.69	25.51	131.25	15.1	80.5	68.9	215.6
Md	33.77	46.20	122.93	40.2	75.4	14.9	63.2
DC	23.29	37.18	140.73	27.7	86.3	34.2	132.1
VA	16.08	25.74	70.36	19.2	43.2	34.1	67.8
W Va	35.08	63.97	136.69	41.8	83.8	53.0	31.0
NC	24.43	44.04	99.99	29.1	61.3	51.3	39.2
SC	23.76	39.17	97.63	28.3	59.9	38.4	52.9
Ga	22.83	36.84	85.70	27.2	52.6	35.4	42.8
Fla	12.61	43.49	109.01	15.0	66.9	189.9	53.8
ESC:							
Ky	21.10	35.26	97.46	25.1	59.8	40.5	69.6
Tenn	20.96	35.80	79.08	25.0	48.5	43.2	35.5
Ala	17.53	28.07	104.16	20.9	63.9	34.3	127.6
Miss	13.92	29.29	82.20	16.6	50.4	76.4	72.1
WSC:							
Ark	16.73	29.73	81.82	19.9	50.2	49.4	68.9
La	28.55	44.48	124.74	34.0	76.5	30.8	72.0
Okla	14.52	25.74	69.49	17.3	42.6	48.8	65.5
Tex	18.80	29.15	65.29	22.4	40.0	30.1	37.2
MT:							
Mont	38.07	67.84	186.27	45.3	114.2	49.8	68.3
Idaho	24.55	52.35	112.17	29.2	68.8	79.3	31.4
Wyo	32.93	58.32	135.28	39.2	83.0	48.8	42.3
Colo	37.86	69.01	163.48	45.1	100.3	53.0	45.3
N Mex	30.90	53.47	112.06	36.8	68.7	45.3	28.5
Ariz	49.93	70.89	166.29	59.5	102.0	19.1	43.9
Utah	29.45	51.92	125.94	35.1	77.2	47.9	48.7
Nev	76.37	141.33	368.95	91.0	226.3	55.3	60.1
PAC:							
Wash	69.31	96.86	240.65	82.5	147.6	17.4	52.4
Oreg	51.03	95.89	236.78	60.8	145.2	57.7	51.4
Calif	90.49	120.69	272.04	107.8	166.8	12.0	38.2
Alaska	60.10	130.56	417.25	71.6	255.9	82.3	96.0
Hawaii	57.60	108.47	255.55	68.6	156.7	58.1	44.5

Sources: U.S. Department of Commerce, Bureau of the Census, Census of Governments, 1967, 1972, and 1977; and authors' calculations.

State and Local Government Expenditure, Per Capita

Total State and Local Government Expenditure

	Expenditure per Capita (Current dollars)			Expenditure per Capita (in 1972 dollars)		Percent Change in Real Expenditure	
	1967	1972	1977	1967	1977	1967-72	1972-77
U.S.	\$535.61	\$914.83	\$1,499.91	\$637.91	\$919.89	43.4%	0.6%
NE:							
Maine	455.05	812.89	1,319.12	541.96	809.02	50.0	-0.5
NH	493.43	819.59	1,288.90	587.68	790.48	39.5	-3.6
Vt	635.08	1,061.49	1,521.42	756.38	933.09	40.3	-12.1
Mass	539.09	1,005.25	1,707.58	642.06	1,047.26	56.6	4.2
RI	541.86	830.92	1,476.57	645.36	905.58	28.8	9.0
Conn	497.70	952.27	1,386.72	592.76	850.48	60.7	-10.7
MA:							
NY	712.72	1,379.26	2,146.01	848.85	1,316.15	62.5	-4.6
NJ	457.35	911.26	1,559.87	544.70	956.67	67.3	5.0
Pa	460.01	847.27	1,431.61	547.87	878.01	54.6	3.6
ENC:							
Ohio	460.72	744.65	1,314.45	548.72	806.15	35.7	8.3
Ind	447.69	734.33	1,055.57	533.20	647.38	37.7	-11.8
Ill	464.97	854.04	1,492.78	553.78	915.52	54.2	7.2
Mich	577.88	977.30	1,603.26	688.26	983.28	42.0	0.6
Wis	567.15	898.86	1,467.07	675.48	899.75	33.1	0.1
WNC:							
Minn	590.64	992.17	1,640.87	703.45	1,006.35	41.0	1.4
Iowa	539.02	818.84	1,390.76	641.97	852.95	27.6	4.2
Mo	432.31	722.19	1,077.51	514.88	660.84	40.3	-8.5
N Dak	594.66	799.41	1,468.78	708.24	900.80	12.9	12.7
S Dak	528.03	775.24	1,287.24	628.88	789.46	23.3	1.8
Nebr	593.83	984.14	1,826.25	707.25	1,120.04	39.2	13.8
Kans	487.96	756.06	1,352.69	581.16	829.60	30.1	9.7
SA:							
Del	649.92	1,023.98	1,662.75	774.05	1,019.76	32.3	-0.4
Md	497.14	936.74	1,582.30	592.09	970.42	58.2	3.6
DC	641.74	1,712.98	3,458.57	764.31	2,121.14	124.1	23.8
VA	420.83	713.62	1,224.82	501.21	751.18	42.4	5.3
W Va	445.15	791.05	1,236.16	530.17	758.14	49.2	-4.2
NC	389.14	653.77	1,158.06	463.47	710.24	41.1	8.6
SC	331.25	606.97	1,095.24	394.52	671.71	53.9	10.7
Ga	409.11	729.29	1,298.00	487.25	796.06	49.7	9.2
Fla	467.35	751.58	1,259.95	556.61	772.73	35.0	2.8
ESC:							
Ky	429.38	687.42	1,165.27	511.39	714.66	34.4	4.0
Tenn	477.80	757.48	1,325.16	569.06	812.72	33.1	7.3
Ala	430.30	692.20	1,218.75	512.49	747.46	35.1	8.0
Miss	391.98	686.63	1,149.16	466.85	704.78	47.1	2.6
WSC:							
Ark	378.50	564.14	985.85	450.79	604.62	25.1	7.2
La	522.28	780.54	1,334.98	622.04	818.74	25.5	4.9
Okla	493.51	736.44	1,155.79	587.77	708.85	25.3	-3.7
Tex	422.58	698.87	1,177.51	503.29	722.17	38.9	3.3
MT:							
Mont	568.91	911.52	1,556.97	677.57	954.89	34.5	4.8
Idaho	499.80	753.81	1,279.11	595.26	784.48	26.6	4.1
Wyo	803.23	1,087.97	1,751.32	956.65	1,074.08	13.7	-1.3
Colo	604.41	900.00	1,557.26	719.85	955.07	25.0	6.1
N Mex	586.72	823.01	1,278.26	698.78	783.96	17.8	-4.7
Ariz	603.70	922.37	1,551.79	719.01	951.71	28.3	3.2
Utah	575.86	805.58	1,370.40	685.85	840.47	17.5	4.3
Nev	770.09	1,150.49	1,711.80	917.18	1,049.85	25.4	-8.7
PAC:							
Wash	750.39	1,117.53	1,884.40	893.71	1,155.70	25.0	3.4
Oreg	627.81	965.50	1,691.53	747.72	1,037.42	29.1	7.4
Calif	758.45	1,142.09	1,835.50	903.31	1,125.71	26.4	-1.4
Alaska	1,277.18	2,390.06	3,664.15	1,521.12	2,247.22	57.1	-6.0
Hawaii	720.08	1,264.96	2,135.70	857.62	1,309.82	47.5	3.5

Sources: U.S. Department of Commerce, Bureau of the Census, Census of Governments, 1967, 1972, and 1977; and authors' calculations.

State and Local Government Expenditure, Per Capita

Intergovernmental Expenditure

	Expenditure per Capita (Current dollars)			Expenditure per Capita (in 1972 dollars)		Percent Change in Real Expenditure	
	1967	1972	1977	1967	1977	1967-72	1972-77
U.S.	-	-	\$6.41	(-)	\$3.93	(-)	(-)
NE:							
Maine	-	-	4.52	(-)	2.77	(-)	(-)
NH	-	-	-	(-)	(-)	(-)	(-)
Vt	-	-	7.78	(-)	4.77	(-)	(-)
Mass	-	-	19.93	(-)	12.22	(-)	(-)
RI	-	-	5.35	(-)	3.28	(-)	(-)
Conn	-	-	-	(-)	(-)	(-)	(-)
MA:							
NY	-	-	13.35	(-)	8.19	(-)	(-)
NJ	-	-	2.51	(-)	1.54	(-)	(-)
Pa	-	-	4.47	(-)	2.74	(-)	(-)
ENC:							
Ohio	-	-	0.03	(-)	0.02	(-)	(-)
Ind	-	-	-	(-)	(-)	(-)	(-)
Ill	-	-	-	(-)	(-)	(-)	(-)
Mich	-	-	5.94	(-)	3.64	(-)	(-)
Wis	-	-	4.26	(-)	2.61	(-)	(-)
WNC:							
Minn	-	-	0.24	(-)	0.15	(-)	(-)
Iowa	-	-	2.36	(-)	1.45	(-)	(-)
Mo	-	-	-	(-)	(-)	(-)	(-)
N Dak	-	-	-	(-)	(-)	(-)	(-)
S Dak	-	-	1.03	(-)	0.63	(-)	(-)
Nebr	-	-	0.41	(-)	0.25	(-)	(-)
Kans	-	-	0.40	(-)	0.25	(-)	(-)
SA:							
Del	-	-	1.18	(-)	0.72	(-)	(-)
Md	-	-	0.11	(-)	0.07	(-)	(-)
DC	-	-	-	(-)	(-)	(-)	(-)
VA	-	-	-	(-)	(-)	(-)	(-)
W Va	-	-	-	(-)	(-)	(-)	(-)
NC	-	-	-	(-)	(-)	(-)	(-)
SC	-	-	-	(-)	(-)	(-)	(-)
Ga	-	-	0.20	(-)	0.12	(-)	(-)
Fla	-	-	0.26	(-)	0.16	(-)	(-)
ESC:							
Ky	-	-	-	(-)	(-)	(-)	(-)
Tenn	-	-	0.02	(-)	0.01	(-)	(-)
Ala	-	-	-	(-)	(-)	(-)	(-)
Miss	-	-	0.28	(-)	0.17	(-)	(-)
WSC:							
Ark	-	-	0.13	(-)	0.08	(-)	(-)
La	-	-	0.35	(-)	0.21	(-)	(-)
Okla	-	-	-	(-)	(-)	(-)	(-)
Tex	-	-	-	(-)	(-)	(-)	(-)
MT:							
Mont	-	-	0.76	(-)	0.47	(-)	(-)
Idaho	-	-	0.69	(-)	0.42	(-)	(-)
Wyo	-	-	-	(-)	(-)	(-)	(-)
Colo	-	-	0.32	(-)	0.20	(-)	(-)
N Mex	-	-	-	(-)	(-)	(-)	(-)
Ariz	-	-	0.64	(-)	0.39	(-)	(-)
Utah	-	-	0.27	(-)	0.17	(-)	(-)
Nev	-	-	5.08	(-)	3.12	(-)	(-)
PAC:							
Wash	-	-	5.30	(-)	3.25	(-)	(-)
Oreg	-	-	0.26	(-)	0.16	(-)	(-)
Calif	-	-	37.63	(-)	23.08	(-)	(-)
Alaska	-	-	1.46	(-)	0.90	(-)	(-)
Hawaii	-	-	4.72	(-)	2.89	(-)	(-)

Sources: U.S. Department of Commerce, Bureau of the Census, Census of Governments, 1967, 1972, and 1977; and authors' calculations.

State and Local Government Expenditure, Per Capita
Total Direct General Expenditure

	Expenditure per Capita (Current dollars)			Expenditure per Capita (in 1972 dollars)		Percent Change in Real Expenditure	
	1967	1972	1977	1967	1977	1967-72	1972-77
U.S.	\$471.79	\$809.43	\$1,260.86	\$561.90	\$773.29	44.1%	-4.5%
NE:							
Maine	396.79	718.98	1,104.15	472.58	677.18	52.1	-5.8
NH	422.10	693.72	1,120.76	502.72	687.36	38.0	-0.9
Vt	566.31	944.99	1,308.95	674.48	802.78	40.1	-15.0
Mass	468.08	851.54	1,418.82	557.48	870.16	52.7	2.2
RI	489.09	731.17	1,251.16	582.51	767.34	25.5	4.9
Conn	466.32	844.16	1,177.56	555.39	722.20	52.0	-14.4
MA:							
NY	614.24	1,252.19	1,747.10	731.56	1,071.50	71.2	-14.4
NJ	413.72	818.54	1,342.92	492.74	823.61	66.1	0.6
Pa	399.64	744.85	1,173.88	475.97	719.94	56.5	-3.3
ENC:							
Ohio	388.70	641.86	1,103.08	462.94	676.52	38.6	5.4
Ind	410.56	674.33	944.35	488.98	579.17	37.9	-14.1
Ill	413.65	782.52	1,275.98	492.66	782.56	58.8	0.0
Mich	503.66	865.91	1,369.08	599.86	839.66	44.4	-3.0
Wis	530.17	839.92	1,335.14	631.43	818.84	33.0	-2.5
WNC:							
Minn	539.91	909.95	1,435.95	643.03	880.67	41.5	-3.2
Iowa	491.33	749.22	1,227.82	585.17	753.02	28.0	0.5
Mo	397.73	668.28	938.75	473.70	575.74	41.1	-13.8
N Dak	536.16	762.04	1,353.46	638.57	830.08	19.3	8.9
S Dak	499.61	732.30	1,189.82	595.04	729.72	23.1	-0.4
Nebr	451.86	702.89	1,197.92	538.17	734.68	30.6	4.5
Kans	448.24	692.74	1,189.00	533.85	729.21	29.8	5.3
SA:							
Del	615.88	975.31	1,457.75	733.51	894.04	33.0	-8.3
Md	458.95	868.25	1,427.90	546.61	875.73	58.8	0.9
DC	592.73	1,428.60	2,181.19	705.94	1,337.72	102.4	-6.4
VA	374.68	648.31	1,094.31	446.24	671.14	45.3	3.5
W Va	399.25	700.79	1,068.31	475.51	655.19	47.4	-6.5
NC	343.63	590.23	995.80	409.26	610.72	44.2	3.5
SC	306.12	560.88	926.72	364.59	568.36	53.8	1.3
Ga	379.16	674.43	1,033.44	451.58	633.81	49.3	-6.0
Fla	421.59	686.53	1,092.81	502.11	670.22	36.7	-2.4
ESC:							
Ky	400.78	622.02	1,020.77	477.33	626.04	30.3	0.6
Tenn	391.06	612.20	991.64	465.75	608.17	31.4	-0.7
Ala	377.77	601.90	1,020.82	449.92	626.07	33.8	4.0
Miss	356.81	629.83	1,023.34	424.96	627.61	48.2	-0.4
WSC:							
Ark	354.30	522.27	878.98	421.97	539.08	23.8	3.2
La	487.04	719.64	1,184.06	580.06	726.18	24.1	0.9
Okla	463.61	683.75	1,031.43	552.16	632.58	23.8	-7.5
Tex	383.00	640.13	1,017.78	456.15	624.20	40.3	-2.5
MT:							
Mont	509.63	825.41	1,364.99	606.97	837.15	36.0	1.4
Idaho	451.94	687.00	1,145.85	538.26	702.75	27.6	2.3
Wyo	740.39	1,006.83	1,598.82	881.80	980.56	14.2	-2.6
Colo	536.79	819.03	1,334.28	639.32	818.31	28.1	-0.1
N Mex	549.96	771.54	1,160.29	655.00	711.61	17.8	-7.8
Ariz	531.44	793.22	1,263.44	632.95	774.87	25.3	-2.3
Utah	521.64	734.82	1,207.93	621.27	740.82	18.3	0.8
Nev	699.77	1,023.86	1,437.97	833.43	881.91	22.8	-13.9
PAC:							
Wash	565.82	891.33	1,363.34	673.89	836.14	32.3	-6.2
Oreg	549.31	846.15	1,406.80	654.23	862.79	29.3	2.0
Calif	642.26	980.41	1,491.48	764.93	914.72	28.2	-6.7
Alaska	1,190.73	2,219.31	3,231.67	1,418.16	1,981.98	56.5	-10.7
Hawaii	664.07	1,161.28	1,923.84	790.91	1,179.89	46.8	1.6

Sources: U.S. Department of Commerce, Bureau of the Census, Census of Governments, 1967, 1972, and 1977; and authors' calculations.

State and Local Government Expenditure, Per Capita

Direct General Expenditure -- Education

	Expenditure per Capita (Current dollars)			Expenditure per Capita (in 1972 dollars)		Percent Change in Real Expenditure	
	1967	1972	1977	1967	1977	1967-72	1972-77
U.S.	\$191.64	\$316.06	\$474.99	\$228.24	\$291.31	38.5%	-7.8%
NE:							
Maine	157.06	256.65	401.64	187.06	246.33	37.2	-4.0
NH	178.23	270.66	411.26	212.27	252.23	27.5	-6.8
Vt	217.17	383.51	511.54	258.65	313.73	48.3	-18.2
Mass	152.31	318.38	483.20	181.40	296.35	75.5	-6.9
RI	167.15	278.93	438.14	199.08	268.71	40.1	-3.7
Conn	174.21	326.05	436.60	207.48	267.77	57.1	-17.9
MA:							
NY	225.78	412.57	543.07	268.90	333.06	53.4	-19.3
NJ	162.53	320.27	484.48	193.57	297.13	65.5	-7.2
Pa	166.35	301.48	413.46	198.12	253.58	52.2	-15.9
ENC:							
Ohio	165.28	269.07	450.34	196.85	276.19	36.7	2.6
Ind	209.46	335.25	424.98	249.47	260.64	34.4	-22.3
Ill	169.15	305.95	464.89	201.46	285.12	51.9	-6.8
Mich	240.56	359.40	537.73	286.51	329.79	25.4	-8.2
Wis	231.27	364.22	534.58	275.44	327.86	32.2	-10.0
WNC:							
Minn	237.84	407.26	547.96	283.27	336.06	43.8	-17.5
Iowa	219.19	353.39	521.75	261.06	319.99	35.4	-9.5
Mo	168.74	272.84	317.17	200.97	194.52	35.8	-28.7
N Dak	219.07	326.63	513.78	260.91	315.10	25.2	-3.5
S Dak	216.30	328.42	446.65	257.61	273.93	27.5	-16.6
Nebr	183.71	298.63	502.25	218.80	308.03	36.5	3.1
Kans	202.83	308.19	475.28	241.57	291.49	27.6	-5.4
SA:							
Del	240.40	456.87	594.06	286.32	364.34	59.6	-20.3
Md	194.31	362.01	564.55	231.42	346.24	56.4	-4.4
DC	147.17	331.87	489.27	175.28	300.07	89.3	-9.6
VA	160.59	282.19	426.08	191.26	261.31	47.5	-7.4
W Va	161.03	253.37	398.74	191.79	244.55	32.1	-3.5
NC	160.09	257.58	436.08	190.67	267.45	35.1	3.8
SC	142.89	250.91	396.67	170.18	243.28	47.4	-3.0
Ga	157.39	254.34	380.66	187.45	233.46	35.7	-8.2
Fla	166.39	286.92	398.17	198.17	244.20	44.8	-14.9
ESC:							
Ky	158.04	237.59	392.12	188.23	240.49	26.2	1.2
Tenn	155.19	227.98	370.55	184.83	227.26	23.3	-0.3
Ala	158.15	228.77	399.80	188.36	245.20	21.5	7.2
Miss	141.03	230.47	383.85	167.97	235.42	37.2	2.1
WSC:							
Ark	139.81	205.45	345.95	166.51	212.17	23.4	3.3
La	185.97	267.72	396.86	221.49	243.39	20.9	-9.1
Okla	184.78	258.47	421.16	220.07	258.30	17.4	-0.1
Tex	171.09	272.46	435.40	203.77	267.03	33.7	-2.0
MT:							
Mont	205.85	331.42	537.65	245.17	329.74	35.2	-0.5
Idaho	177.88	273.20	434.77	211.86	266.64	29.0	-2.4
Wyo	301.65	406.04	647.63	359.27	397.19	13.0	-2.2
Colo	251.08	367.82	594.62	299.04	364.68	23.0	-0.9
N Mex	274.28	354.30	532.23	326.67	326.42	8.5	-7.9
Ariz	243.19	375.87	574.75	289.64	352.49	29.8	-6.2
Utah	277.61	363.79	597.58	330.63	366.50	10.0	0.7
Nev	220.00	336.90	460.16	262.02	282.22	28.6	-16.2
PAC:							
Wash	242.17	355.50	551.53	288.42	338.25	23.3	-4.9
Oreg	253.32	361.51	585.59	301.70	359.14	19.8	-7.7
Calif	229.28	339.71	555.98	273.07	340.98	24.4	0.4
Alaska	309.26	748.75	1,063.01	368.33	651.94	103.3	-12.9
Hawaii	241.72	379.85	536.72	287.89	329.17	31.9	-13.3

Sources: U.S. Department of Commerce, Bureau of the Census, Census of Governments, 1967, 1972, and 1977; and authors' calculations.

State and Local Government Expenditure, Per Capita

Direct General Expenditure -- Libraries

	Expenditure per Capita (Current dollars)			Expenditure per Capita (in 1972 dollars)		Percent Change in Real Expenditure	
	1967	1972	1977	1967	1977	1967-72	1972-77
U.S.	\$2.62	\$3.92	\$5.91	\$3.12	\$3.62	25.6%	-7.7%
NE:							
Maine	2.19	2.42	3.84	2.61	2.36	-7.3	-2.5
NH	3.54	3.90	4.68	4.22	2.87	-7.6	-26.4
Vt	3.28	3.64	3.53	3.91	2.16	-6.9	-40.7
Mass	5.05	8.03	9.39	6.01	5.76	33.6	-28.3
RI	2.63	3.35	5.24	3.13	3.21	7.0	-4.2
Conn	4.35	5.27	8.08	5.18	4.96	1.7	-5.9
MA:							
NY	3.30	5.93	7.14	3.93	4.38	50.9	-26.1
NJ	3.73	4.79	7.31	4.44	4.48	7.9	-6.5
Pa	1.42	2.10	3.78	1.69	2.32	24.3	10.5
ENC:							
Ohio	1.60	1.89	4.96	1.91	3.04	-1.0	60.8
Ind	2.76	4.58	6.34	3.29	3.89	39.2	-15.1
Ill	2.62	4.07	7.46	3.12	4.58	30.4	12.5
Mich	2.80	3.40	4.86	3.33	2.98	2.1	-12.4
Wis	3.17	4.30	6.79	3.78	4.16	13.8	-3.3
WNC:							
Minn	2.70	4.75	6.76	3.22	4.15	47.5	-12.6
Iowa	2.82	2.88	4.61	3.36	2.83	-14.3	-1.7
Mo	2.78	3.57	5.49	3.31	3.37	7.9	-5.6
N Dak	1.75	3.52	3.26	2.08	2.00	69.2	-43.2
S Dak	2.15	6.04	4.99	2.56	3.06	135.9	-49.3
Nebr	2.17	3.23	4.14	2.58	2.54	25.2	-21.4
Kans	2.15	2.47	3.56	2.56	2.18	-3.5	-11.7
SA:							
Del	1.98	2.69	3.93	2.36	2.41	14.0	-10.4
Md	3.99	5.60	9.28	4.75	5.69	17.9	1.6
DC	7.01	11.81	13.67	8.35	8.38	41.4	-29.0
VA	2.06	3.20	5.57	2.45	3.42	30.6	6.9
W Va	1.32	2.29	4.75	1.57	2.91	45.9	27.1
NC	1.23	3.60	4.22	1.46	2.59	146.6	-28.1
SC	1.03	2.06	3.30	1.23	2.02	67.5	-1.9
Ga	1.08	1.96	2.66	1.29	1.63	51.9	-16.8
Fla	1.88	2.30	4.34	2.24	2.66	2.7	15.7
ESC:							
Ky	1.68	2.17	3.65	2.00	2.24	8.5	3.2
Tenn	1.74	2.37	3.20	2.07	1.96	14.5	-17.3
Ala	1.52	1.53	3.05	1.81	1.87	-15.5	22.2
Miss	1.68	2.22	4.31	2.00	2.64	11.0	18.9
WSC:							
Ark	1.17	1.52	2.17	1.39	1.33	9.4	-12.5
La	2.04	3.35	4.58	2.43	2.81	37.9	-16.1
Okla	2.05	2.76	2.97	2.44	1.82	13.1	-34.1
Tex	1.37	2.40	4.47	1.63	2.74	47.2	14.2
MT:							
Mont	3.82	3.54	6.65	4.55	4.08	-22.2	15.3
Idaho	2.50	3.67	7.38	2.98	4.53	23.2	23.4
Wyo	4.34	7.21	7.48	5.17	4.59	39.5	-36.3
Colo	2.32	3.98	6.54	2.76	4.01	44.2	0.8
N Mex	1.80	2.55	3.99	2.14	2.45	19.2	-3.9
Ariz	2.43	3.63	6.99	2.89	4.29	25.6	18.2
Utah	2.88	3.75	7.04	3.43	4.32	9.3	15.2
Nev	4.54	4.08	9.76	5.41	5.99	-24.6	46.8
PAC:							
Wash	3.89	6.56	8.37	4.63	5.13	41.7	-21.8
Oreg	2.88	3.85	5.46	3.43	3.35	12.2	-13.0
Calif	4.02	5.88	8.53	4.79	5.23	22.8	-11.1
Alaska	1.36	6.45	28.61	1.62	17.55	298.1	172.1
Hawaii	4.92	6.25	8.88	5.86	5.45	6.7	-12.8

Sources: U.S. Department of Commerce, Bureau of the Census, Census of Governments, 1967, 1972, and 1977; and authors' calculations.

State and Local Government Expenditure, Per Capita
Direct General Expenditure -- Public Welfare

	Expenditure per Capita (Current dollars)			Expenditure per Capita (in 1972 dollars)		Percent Change in Real Expenditure	
	1967	1972	1977	1967	1977	1967-72	1972-77
U.S.	\$41.53	\$101.41	\$159.57	\$49.46	\$97.86	105.0%	-3.5%
NE:							
Maine	35.47	92.21	157.50	42.24	96.59	118.3	4.8
NH	28.04	69.97	134.39	33.40	82.42	109.5	17.8
Vt	43.25	116.35	167.30	51.51	102.61	125.9	-11.8
Mass	55.20	164.76	236.46	65.74	145.02	150.6	-12.0
RI	52.70	130.52	227.67	62.77	139.63	107.9	7.0
Conn	37.01	89.78	141.09	44.08	86.53	103.7	-3.6
MA:							
NY	59.23	181.10	297.93	70.54	182.72	156.7	0.9
NJ	24.01	100.44	165.71	28.60	101.63	251.2	1.2
Pa	31.50	96.40	200.36	37.52	122.88	156.9	27.5
ENC:							
Ohio	33.90	65.84	123.62	40.37	75.82	63.1	15.2
Ind	17.60	50.57	88.85	20.96	54.49	141.3	7.8
Ill	36.21	108.75	185.49	43.13	113.76	152.1	4.6
Mich	38.07	120.02	218.31	45.34	133.89	164.7	11.6
Wis	40.81	84.09	203.07	48.60	124.54	73.0	48.1
WNC:							
Minn	47.03	97.01	191.44	56.01	117.41	73.2	21.0
Iowa	33.13	61.98	124.95	39.46	76.63	57.1	23.6
Mo	37.84	69.97	92.61	45.07	56.80	55.2	-19.1
N Dak	36.91	59.84	104.07	43.96	63.83	36.1	6.7
S Dak	31.87	60.19	101.89	37.96	62.49	58.6	3.8
Nebr	26.84	59.45	90.46	31.97	55.48	86.0	-6.7
Kans	31.32	49.59	127.76	37.30	78.36	32.9	58.0
SA:							
Del	29.37	83.09	127.20	34.98	78.01	137.5	-6.1
Md	33.54	85.58	142.26	39.95	87.25	114.2	2.0
DC	49.23	194.31	386.98	58.63	237.33	231.1	22.1
VA	15.60	57.17	98.91	18.58	60.66	207.7	6.1
W Va	36.40	59.33	101.40	43.35	62.19	36.9	4.8
NC	23.80	57.67	78.56	28.35	48.18	103.4	-16.4
SC	15.26	36.95	83.64	18.17	51.30	103.4	38.8
Ga	30.73	84.44	102.35	36.60	62.77	130.7	-25.7
Fla	24.27	46.84	57.69	28.91	35.38	62.0	-24.0
ESC:							
Ky	39.79	68.92	136.01	47.39	83.41	45.4	21.0
Tenn	27.04	59.75	100.40	32.20	61.58	80.0	3.1
Ala	36.75	74.07	101.74	43.77	62.40	69.2	-15.8
Miss	36.68	83.28	98.00	43.69	60.10	90.6	-27.8
WSC:							
Ark	42.27	71.98	110.86	50.34	67.99	43.0	-5.5
La	58.72	83.33	112.56	69.94	69.03	19.1	-17.2
Okla	83.47	116.25	128.01	99.41	78.51	16.9	-32.5
Tex	26.73	63.69	93.74	31.84	57.49	102.3	-9.7
MT:							
Mont	28.16	62.37	104.42	33.54	64.04	86.0	2.7
Idaho	33.80	57.11	91.76	40.26	56.28	41.8	-1.4
Wyo	26.22	42.66	65.86	31.23	40.39	36.6	-5.3
Colo	55.21	95.99	122.86	65.76	75.35	46.0	-21.5
N Mex	39.80	74.86	90.68	47.40	55.61	57.9	-25.7
Ariz	24.23	40.38	55.16	28.86	33.83	39.9	-16.2
Utah	31.09	62.68	94.94	37.03	58.23	69.3	-7.1
Nev	29.83	59.45	90.79	35.53	55.68	67.3	-6.4
PAC:							
Wash	43.69	91.20	139.04	52.03	85.27	75.3	-6.5
Oreg	31.67	67.63	147.62	37.72	90.54	79.3	33.9
Calif	84.92	188.18	236.56	101.14	145.08	86.0	-22.9
Alaska	35.12	106.62	138.90	41.83	85.19	154.9	-20.1
Hawaii	32.30	112.17	212.65	38.47	130.42	191.6	16.3

Sources: U.S. Department of Commerce, Bureau of the Census, Census of Governments, 1967, 1972, and 1977; and authors' calculations.

State and Local Government Expenditure, Per Capita
Direct General Expenditure -- Hospitals, Health

	Expenditure per Capita (Current dollars)			Expenditure per Capita (in 1972 dollars)		Percent Change in Real Expenditure	
	1967	1972	1977	1967	1977	1967-72	1972-77
U.S.	\$33.56	\$62.54	\$82.94	\$39.97	\$50.87	56.5%	-18.7%
NE:							
Maine	19.63	30.32	45.27	23.38	27.76	29.7	-8.4
NH	24.05	42.64	76.87	28.64	47.14	48.9	10.6
Vt	20.20	40.60	70.84	24.06	43.45	68.7	7.0
Mass	42.80	66.39	100.57	50.97	61.68	30.3	-7.1
RI	31.56	51.58	102.42	37.59	62.81	37.2	21.8
Conn	27.29	51.89	71.49	32.50	43.84	59.7	-15.5
MA:							
NY	60.71	149.23	160.70	72.31	98.56	106.4	-34.0
NJ	28.53	47.28	75.10	33.98	46.06	39.1	-2.6
Pa	22.80	45.44	84.04	27.15	51.54	67.4	13.4
ENC:							
Ohio	22.34	48.53	100.08	26.61	61.38	82.4	26.5
Ind	32.69	59.70	90.45	38.93	55.47	53.4	-7.1
Ill	31.13	50.71	89.65	37.08	54.98	36.8	8.4
Mich	39.99	64.57	115.76	47.63	71.00	35.6	10.0
Wis	31.94	55.11	93.61	38.04	57.41	44.9	4.2
WNC:							
Minn	34.10	59.16	112.67	40.61	69.10	45.7	16.8
Iowa	30.34	45.08	99.66	36.13	61.12	24.8	35.6
Mo	29.29	52.46	93.47	34.88	57.33	50.4	9.3
N Dak	16.93	26.60	47.82	20.16	29.33	31.9	10.3
S Dak	16.08	27.17	80.90	19.15	49.62	41.9	82.6
Nebr	31.00	48.36	101.46	36.92	62.23	31.0	28.7
Kans	31.71	53.45	114.01	37.77	69.92	41.5	30.8
SA:							
Del	28.48	43.47	74.28	33.92	45.56	28.2	4.8
Md	35.39	60.72	101.16	42.15	62.04	44.1	2.2
DC	81.83	187.13	172.82	97.46	105.99	92.0	-43.4
VA	24.98	38.94	89.03	29.75	54.60	30.9	40.2
W Va	20.84	38.43	75.44	24.82	46.27	54.8	20.4
NC	23.63	45.15	94.71	28.14	58.09	60.4	28.7
SC	28.04	59.01	123.45	33.40	75.71	76.7	28.3
Ga	40.13	90.71	167.86	47.79	102.95	89.8	13.5
Fla	37.44	67.81	122.37	44.59	75.05	52.1	10.7
ESC:							
Ky	23.18	36.71	60.66	27.61	37.20	33.0	1.3
Tenn	34.30	58.70	110.04	40.85	67.49	43.7	15.0
Ala	26.37	63.08	140.07	31.41	85.90	100.8	36.2
Miss	27.29	60.48	122.58	32.50	75.18	86.1	24.3
WSC:							
Ark	24.22	43.63	85.76	28.85	52.60	51.2	20.6
La	33.15	61.28	127.30	39.48	78.07	55.2	27.4
Okla	24.19	45.88	82.81	28.81	50.79	59.3	10.7
Tex	22.46	48.16	102.85	26.75	63.08	80.0	31.0
MT:							
Mont	20.93	33.52	79.70	24.93	48.88	34.5	45.8
Idaho	27.91	53.05	88.46	33.24	54.25	59.6	2.3
Wyo	55.20	109.05	153.94	65.74	94.41	65.9	-13.4
Colo	35.77	57.05	106.63	42.60	65.40	33.9	14.6
N Mex	27.71	46.32	86.05	33.00	52.77	40.4	13.9
Ariz	21.50	44.45	95.71	25.61	58.70	73.6	32.1
Utah	22.61	32.99	71.95	26.93	44.13	22.5	33.8
Nev	58.66	85.56	160.42	69.86	98.39	22.5	15.0
PAC:							
Wash	28.03	44.11	80.80	33.38	49.55	32.1	12.3
Oreg	26.52	39.73	82.85	31.59	50.81	25.8	27.9
Calif	40.70	65.81	111.80	48.47	68.57	35.8	4.2
Alaska	31.62	67.29	110.18	37.66	67.57	78.7	0.4
Hawaii	43.22	76.17	119.27	51.48	73.15	48.0	-4.0

Sources: U.S. Department of Commerce, Bureau of the Census, Census of Governments, 1967, 1972, and 1977; and authors' calculations.

State and Local Government Expenditure, Per Capita
Direct General Expenditure -- Other Social Services

	Expenditure per Capita (Current dollars)			Expenditure per Capita (in 1972 dollars)		Percent Change in Real Expenditure	
	1967	1972	1977	1967	1977	1967-72	1972-77
U.S.	\$2.76	\$5.46	\$8.13	\$3.29	\$4.99	66.0%	-8.6%
NE:							
Maine	2.71	8.96	10.49	3.23	6.43	177.4	-28.2
NH	3.09	5.00	7.82	3.68	4.80	35.9	-4.0
Vt	3.88	11.48	13.32	4.62	8.17	148.5	-28.8
Mass	3.73	6.21	8.75	4.44	5.37	39.9	-13.5
RI	5.28	5.66	13.32	6.29	8.17	-10.0	44.3
Conn	2.82	6.39	9.00	3.36	5.52	90.2	-13.6
MA:							
NY	3.99	7.03	9.32	4.75	5.72	48.0	-18.6
NJ	3.06	5.76	7.12	3.64	4.37	58.2	-24.1
Pa	2.64	4.89	9.62	3.14	5.90	55.7	20.7
ENC:							
Ohio	2.16	4.58	7.47	2.57	4.58	78.2	0.0
Ind	1.89	3.12	6.40	2.25	3.93	38.7	26.0
Ill	2.28	4.64	6.73	2.72	4.13	70.6	-11.0
Mich	2.67	6.08	11.44	3.18	7.02	91.2	15.5
Wis	2.03	4.52	8.15	2.42	5.00	86.8	10.6
WNC:							
Minn	2.33	4.35	6.85	2.78	4.20	56.5	-3.4
Iowa	2.15	6.17	8.26	2.56	5.07	141.0	-17.8
Mo	2.68	5.21	7.75	3.19	4.75	63.3	-8.8
N Dak	3.54	10.93	3.43	4.22	2.10	159.0	-80.8
S Dak	2.37	7.22	15.13	2.82	9.28	156.0	28.5
Nebr	1.98	4.10	7.77	2.36	4.77	73.7	16.3
Kans	2.14	6.54	8.27	2.55	5.07	156.5	-22.5
SA:							
Del	2.24	5.24	9.38	2.67	5.75	96.3	9.7
Md	2.10	4.87	5.47	2.50	3.35	94.8	-31.2
DC	2.21	4.58	11.07	2.63	6.79	74.1	48.3
VA	1.56	4.36	5.24	1.86	3.21	134.4	-26.4
W Va	2.68	4.87	9.02	3.19	5.53	52.7	13.6
NC	1.86	2.93	8.11	2.22	4.97	32.0	69.6
SC	2.16	3.88	9.72	2.57	5.96	51.0	53.6
Ga	1.76	4.33	6.62	2.10	4.06	106.2	-6.2
Fla	1.86	2.99	6.26	2.22	3.84	34.7	28.4
ESC:							
Ky	1.84	4.72	2.92	2.19	1.79	115.5	-62.1
Tenn	1.90	3.68	7.91	2.26	4.85	62.8	31.8
Ala	2.09	4.62	7.82	2.49	4.80	85.5	3.9
Miss	2.73	5.00	13.48	3.25	8.27	53.8	65.4
WSC:							
Ark	2.61	5.52	7.76	3.11	4.76	77.5	-13.8
La	2.23	5.60	7.45	2.66	4.57	110.5	-18.4
Okla	2.72	6.11	9.11	3.24	5.59	88.6	-8.5
Tex	2.02	3.67	7.06	2.41	4.33	52.3	18.0
MT:							
Mont	3.70	4.99	13.15	4.41	8.06	13.2	61.5
Idaho	4.92	10.66	11.29	5.86	6.92	81.9	-35.1
Wyo	5.07	11.79	22.12	6.04	13.57	95.2	15.1
Colo	2.73	4.65	6.78	3.25	4.16	43.1	-10.5
N Mex	3.01	4.85	8.67	3.58	5.32	35.5	9.7
Ariz	4.56	5.73	10.27	5.43	6.30	5.5	9.9
Utah	5.05	12.54	12.77	6.01	7.83	108.7	-37.6
Nev	6.30	13.21	23.56	7.50	14.45	76.1	9.4
PAC:							
Wash	3.31	9.93	10.41	3.94	6.38	152.0	-35.8
Oreg	3.28	10.87	5.74	3.91	3.52	178.0	-67.6
Calif	4.01	6.65	6.93	4.78	4.25	39.1	-36.1
Alaska	8.68	18.42	36.93	10.34	22.65	78.1	23.0
Hawaii	3.35	5.87	12.18	3.99	7.47	47.1	27.3

Sources: U.S. Department of Commerce, Bureau of the Census, Census of Governments, 1967, 1972, and 1977; and authors' calculations.

State and Local Government Expenditure, Per Capita

Direct General Expenditure -- Highways

	Expenditure per Capita (Current dollars)			Expenditure per Capita (in 1972 dollars)		Percent Change in Real Expenditure	
	1967	1972	1977	1967	1977	1967-72	1972-77
U.S.	\$70.41	\$91.35	\$106.56	\$83.86	\$65.35	8.9%	-28.5%
NE:							
Maine	88.29	129.15	146.27	105.15	89.71	22.8	-30.5
NH	88.35	121.32	177.27	105.22	108.72	15.3	-10.4
Vt	163.35	173.69	173.07	194.55	106.14	-10.7	-38.9
Mass	50.20	65.93	89.40	59.79	54.83	10.3	-16.8
RI	86.92	51.74	66.78	103.52	40.96	-50.0	-20.8
Conn	67.44	87.89	78.37	80.32	48.06	9.4	-45.3
MA:							
NY	59.58	80.18	81.58	70.96	50.03	13.0	-37.6
NJ	54.36	92.88	75.76	64.74	46.46	43.5	-50.0
Pa	62.28	84.78	97.04	74.18	59.51	14.3	-29.8
ENC:							
Ohio	66.48	74.72	86.56	79.18	53.09	-5.6	-28.9
Ind	60.15	77.92	92.67	71.64	56.83	8.8	-27.1
Ill	53.90	95.58	126.16	64.19	77.37	48.9	-19.1
Mich	60.07	76.62	98.33	71.54	60.31	7.1	-21.3
Wis	89.31	111.56	133.18	106.37	81.68	4.9	-26.8
WNC:							
Minn	95.87	115.65	151.81	114.18	93.11	1.3	-19.5
Iowa	110.04	140.27	178.37	131.06	109.39	7.0	-22.0
Mo	61.04	84.97	105.25	72.70	64.55	16.9	-24.0
N Dak	124.09	147.28	232.80	147.79	142.78	-0.3	-3.1
S Dak	132.85	152.79	200.75	158.22	123.12	-3.4	-19.4
Nebr	98.14	118.22	165.47	116.88	101.48	1.1	-14.2
Kans	81.96	114.76	149.58	97.61	91.74	17.6	-20.1
SA:							
Del	134.40	120.43	117.99	160.07	72.36	-24.8	-39.9
Md	56.38	82.54	110.78	67.15	67.94	22.9	-17.7
DC	63.82	94.36	77.09	76.01	47.28	24.1	-49.9
VA	77.99	91.28	141.87	92.89	87.01	-1.7	-4.7
W Va	102.07	215.61	194.31	121.57	119.17	77.4	-44.7
NC	55.21	78.48	90.49	65.76	55.50	19.3	-29.3
SC	48.54	64.55	62.54	57.81	38.36	11.7	-40.6
Ga	58.06	74.14	94.66	69.15	58.05	7.2	-21.7
Fla	62.02	80.88	85.95	73.87	52.71	9.5	-34.8
ESC:							
Ky	85.39	128.96	133.67	101.70	81.98	26.8	-36.4
Tenn	72.76	83.67	114.13	86.66	70.00	-3.5	-16.3
Ala	64.94	84.79	118.13	77.34	72.45	9.6	-14.6
Miss	71.55	108.88	156.98	85.22	96.28	27.8	-11.6
WSC:							
Ark	67.39	82.65	126.68	80.26	77.69	3.0	-6.0
La	87.63	103.35	168.84	104.37	103.55	-1.0	0.2
Okla	72.68	86.72	109.10	86.56	66.91	0.2	-22.8
Tex	72.44	91.18	88.00	86.28	53.97	5.7	-40.8
MT:							
Mont	136.16	194.47	256.33	162.17	157.21	19.9	-19.2
Idaho	92.03	116.36	179.69	109.61	110.20	6.2	-5.3
Wyo	218.57	228.53	276.37	260.32	169.50	-12.2	-25.8
Colo	73.74	100.12	126.67	87.82	77.69	14.0	-22.4
N Mex	95.34	113.91	125.40	113.55	76.91	0.3	-32.5
Ariz	101.67	96.47	125.40	121.09	76.91	-20.3	-20.3
Utah	87.17	113.50	123.38	103.82	75.67	9.3	-33.3
Nev	145.89	141.55	168.81	173.75	103.53	-18.5	-26.9
PAC:							
Wash	101.41	119.50	135.78	120.78	83.27	-1.1	-30.3
Oreg	90.77	121.35	111.57	108.11	68.43	12.2	-43.6
Calif	69.80	76.18	70.02	83.13	42.94	-8.4	-43.6
Alaska	440.38	391.48	461.51	524.49	283.04	-25.4	-27.7
Hawaii	74.80	102.26	149.69	89.09	91.80	14.8	-10.2

Sources: U.S. Department of Commerce, Bureau of the Census, Census of Governments, 1967, 1972, and 1977; and authors' calculations.

State and Local Government Expenditure, Per Capita
Direct General Expenditure -- Other Transportation

	Expenditure per Capita (Current dollars)			Expenditure per Capita (in 1972 dollars)		Percent Change in Real Expenditure	
	1967	1972	1977	1967	1977	1967-72	1972-77
U.S.	\$4.70	\$9.47	\$11.11	\$5.60	\$6.81	69.1%	-28.1%
NE:							
Maine	0.77	4.32	6.18	.92	3.79	369.6	-12.3
NH	2.50	1.24	2.38	2.98	1.46	-58.4	17.7
Vt	1.11	1.64	3.42	1.32	2.10	24.2	28.0
Mass	6.75	10.79	9.94	8.04	6.10	34.2	-43.5
RI	3.51	1.93	4.02	4.18	2.47	-53.8	28.0
Conn	4.52	2.84	3.49	5.38	2.14	-47.2	-24.6
MA:							
NY	7.65	20.90	18.24	9.11	11.19	129.4	-46.5
NJ	1.30	1.34	2.51	1.55	1.54	-13.5	14.9
Pa	2.92	6.63	7.77	3.48	4.77	90.5	-28.1
ENC:							
Ohio	2.82	2.50	7.29	3.36	4.47	-25.6	78.8
Ind	1.99	3.16	5.36	2.37	3.29	33.3	4.1
Ill	3.96	7.39	8.92	4.72	5.47	56.6	-26.0
Mich	5.55	6.22	9.31	6.61	5.71	-5.9	-8.2
Wis	4.95	3.56	6.42	5.90	3.94	-39.7	10.7
WNC:							
Minn	3.23	7.59	9.88	3.85	6.06	97.1	-20.2
Iowa	2.96	2.82	5.41	3.53	3.32	-20.1	17.7
Mo	3.02	12.11	7.36	3.60	4.51	236.4	-62.8
N Dak	4.73	5.58	13.26	5.63	8.13	-0.9	45.7
S Dak	3.45	5.42	5.14	4.11	3.15	31.9	-41.9
Nebr	2.63	4.90	10.79	3.13	6.62	56.5	35.1
Kans	2.40	5.85	6.72	2.86	4.12	104.5	-29.6
SA:							
Del	3.30	7.42	14.31	3.93	8.78	88.8	18.3
Md	3.38	7.31	23.31	4.03	14.30	81.4	95.6
DC	0.55	0.47	-	.66	(-)	-28.8	(-)
VA	2.11	4.69	4.15	2.51	2.55	86.9	-45.6
W Va	1.72	1.91	7.28	2.05	4.46	-6.8	133.5
NC	2.74	3.54	5.56	3.26	3.41	8.6	-3.7
SC	5.03	7.15	10.42	5.99	6.39	19.4	-10.6
Ga	3.12	12.10	15.13	3.72	9.28	225.3	-23.3
Fla	6.77	13.07	15.18	8.06	9.31	62.2	-28.8
ESC:							
Ky	1.31	2.05	4.53	1.56	2.78	31.4	35.6
Tenn	1.15	9.04	4.70	1.37	2.88	559.9	-68.1
Ala	4.25	4.90	14.67	5.06	9.00	-3.2	83.7
Miss	2.82	4.39	4.92	3.36	3.02	30.7	-31.2
WSC:							
Ark	1.17	1.59	3.08	1.39	1.89	14.4	18.9
La	8.12	8.28	15.24	9.67	9.35	-14.4	12.9
Okla	3.29	11.06	7.67	3.92	4.70	182.1	-57.5
Tex	4.49	13.84	11.85	5.35	7.27	158.7	-47.5
MT:							
Mont	4.26	7.12	16.58	5.07	10.17	40.4	42.8
Idaho	2.62	2.84	6.60	3.12	4.05	-9.0	42.6
Wyo	1.17	2.97	10.19	1.39	6.25	113.7	110.4
Colo	6.02	9.18	13.81	7.17	8.47	28.0	-7.7
N Mex	1.07	4.95	5.31	1.27	3.26	289.8	-34.1
Ariz	4.97	9.94	10.28	5.92	6.30	67.9	-36.6
Utah	1.47	7.95	5.88	1.75	3.61	354.3	-54.6
Nev	10.27	20.25	19.49	12.23	11.95	65.6	-41.0
PAC:							
Wash	16.47	37.96	37.54	19.62	23.02	93.5	-39.4
Oreg	11.29	15.35	29.52	13.45	18.10	14.1	17.9
Calif	6.85	11.00	13.94	8.16	8.55	34.8	-22.3
Alaska	35.67	109.05	94.89	42.48	58.20	156.7	-46.6
Hawaii	14.91	67.67	53.51	17.76	32.82	281.0	-51.5

Sources: U.S. Department of Commerce, Bureau of the Census, Census of Governments, 1967, 1972, and 1977; and authors' calculations.

State and Local Government Expenditure, Per Capita

Direct General Expenditure -- Public Safety

	Expenditure per Capita (Current dollars)			Expenditure per Capita (in 1972 dollars)		Percent Change in Real Expenditure	
	1967	1972	1977	1967	1977	1967-72	1972-77
U.S.	\$28.75	\$51.37	\$96.37	\$34.24	\$59.10	50.0%	15.0%
NE:							
Maine	23.60	20.58	64.80	28.11	39.74	-26.8	93.1
NH	22.00	37.22	75.92	26.20	46.56	42.1	25.1
Vt	20.84	40.19	70.45	24.82	43.21	61.9	7.5
Mass	40.89	70.47	123.75	48.70	75.90	44.7	7.7
RI	28.80	52.56	97.36	34.30	59.71	53.2	13.6
Conn	31.89	56.92	94.91	37.98	58.21	49.9	2.3
MA:							
NY	47.12	91.41	137.46	56.12	84.30	62.9	-7.8
NJ	37.30	62.14	112.30	44.42	68.87	39.9	10.8
Pa	23.52	42.87	77.66	28.01	47.63	53.1	11.1
ENC:							
Ohio	22.70	44.37	79.18	27.04	48.56	64.1	9.4
Ind	20.03	33.32	63.32	23.86	38.83	39.6	16.5
Ill	28.59	55.81	105.08	34.05	64.45	63.9	15.5
Mich	28.89	52.24	101.36	34.41	62.16	51.8	19.0
Wis	30.56	49.86	89.18	36.40	54.69	37.0	9.7
WNC:							
Minn	20.81	34.25	73.90	24.78	45.32	38.2	32.3
Iowa	19.74	30.19	62.13	23.51	38.10	28.4	26.2
Mo	24.32	41.47	75.11	28.97	46.06	43.1	11.1
N Dak	14.43	22.90	54.23	17.19	33.26	33.2	45.2
S Dak	15.37	23.07	60.93	18.31	37.37	26.0	62.0
Nebr	19.04	32.67	67.47	22.68	41.38	44.0	26.7
Kans	18.70	31.85	64.62	22.27	39.63	43.0	24.4
SA:							
Del	23.00	47.27	96.25	27.39	59.03	72.6	24.9
Md	35.23	66.27	115.72	41.96	70.97	57.9	7.1
DC	88.81	181.25	400.02	105.77	245.33	71.4	35.4
VA	19.06	35.56	83.22	22.70	51.04	56.7	43.5
W Va	12.29	21.45	46.27	14.64	28.38	46.5	32.3
NC	18.41	34.65	72.73	21.93	44.61	58.0	28.7
SC	14.60	29.03	61.75	17.39	37.87	66.9	30.5
Ga	17.99	35.18	71.30	21.43	43.73	64.2	24.3
Fla	25.34	45.28	110.35	30.18	67.68	50.0	49.5
ESC:							
Ky	16.00	27.04	65.29	19.06	40.04	41.9	48.1
Tenn	18.93	33.79	70.39	22.55	43.17	49.8	27.8
Ala	15.16	26.76	57.45	18.06	35.23	48.2	31.7
Miss	13.23	21.69	53.45	15.76	32.78	37.6	51.1
WSC:							
Ark	11.73	20.73	46.24	13.97	28.36	48.4	36.8
La	22.89	36.98	101.59	27.26	62.31	35.7	68.5
Okla	17.75	29.96	67.39	21.14	41.33	41.7	38.0
Tex	19.41	34.15	67.19	23.12	41.21	47.7	20.7
MT:							
Mont	19.61	32.32	69.42	23.36	42.58	38.4	31.7
Idaho	20.32	32.79	78.83	24.20	48.35	35.5	47.5
Wyo	25.11	35.26	84.83	29.91	52.03	17.9	47.6
Colo	26.58	43.13	93.23	31.66	57.18	36.2	32.6
N Mex	22.14	38.17	80.90	26.37	49.62	44.7	30.0
Ariz	29.74	51.24	110.46	35.42	67.75	44.7	32.2
Utah	19.09	30.46	71.14	22.74	43.63	33.9	43.2
Nev	57.98	95.06	161.72	69.05	99.18	37.7	4.3
PAC:							
Wash	29.84	53.82	103.54	35.54	63.50	51.4	18.0
Oreg	30.02	53.50	108.48	35.75	66.53	49.7	24.4
Calif	46.45	77.70	142.84	55.32	87.60	40.5	12.7
Alaska	35.85	94.96	206.58	42.70	126.70	122.4	33.4
Hawaii	38.16	64.84	112.31	45.45	68.88	42.7	6.2

Sources: U.S. Department of Commerce, Bureau of the Census, Census of Governments, 1967, 1972, and 1977; and authors' calculations.

State and Local Government Expenditure, Per Capita
Direct General Expenditure -- Environment and Housing

	Expenditure per Capita (Current dollars)			Expenditure per Capita (in 1972 dollars)		Percent Change in Real Expenditure	
	1967	1972	1977	1967	1977	1967-72	1972-77
U.S.	\$38.54	\$62.52	\$100.65	\$45.90	\$61.73	36.2%	-1.3%
NE:							
Maine	26.52	46.65	99.15	31.59	60.81	47.7	30.4
NH	27.67	45.62	71.65	32.95	43.94	38.5	-3.7
Vt	40.27	49.22	81.11	47.96	49.74	2.6	1.1
Mass	38.57	57.30	94.98	45.94	58.25	24.7	1.7
RI	34.64	52.00	110.72	41.26	67.90	26.0	30.6
Conn	51.14	76.74	89.44	60.91	54.85	26.0	-28.5
MA:							
NY	48.29	99.31	139.77	57.51	85.72	72.7	-13.7
NJ	38.05	59.24	119.42	45.32	73.24	30.7	23.6
Pa	33.59	61.67	81.46	40.01	49.96	54.1	-19.0
ENC:							
Ohio	32.40	51.60	88.26	38.59	54.13	33.7	4.9
Ind	27.10	44.39	39.72	32.28	24.36	37.5	-45.1
Ill	37.53	58.13	65.54	44.70	40.20	30.0	-30.8
Mich	32.65	74.94	91.18	38.89	55.92	92.7	-25.4
Wis	44.23	63.33	94.41	52.68	57.90	20.2	-8.6
WNC:							
Minn	43.39	71.06	135.34	51.68	83.00	37.5	16.8
Iowa	27.90	38.53	91.98	33.23	56.41	15.9	46.4
Mo	31.98	46.35	74.51	38.09	45.70	21.7	-1.4
N Dak	34.74	51.86	93.16	41.38	57.14	25.3	10.2
S Dak	29.50	43.10	78.49	35.13	48.14	22.7	11.7
Nebr	35.77	50.64	99.76	42.60	61.18	18.9	20.8
Kans	27.76	45.32	75.63	33.06	46.38	37.1	2.3
SA:							
Del	35.50	66.55	148.89	42.28	91.31	57.4	37.2
Md	39.27	79.66	128.21	46.77	78.63	70.3	-1.3
DC	85.18	217.22	211.12	101.45	129.48	114.1	-40.4
VA	25.07	49.45	86.81	29.86	53.24	65.6	7.7
W Va	20.53	38.50	61.67	24.45	37.82	57.5	-1.8
NC	24.82	46.11	74.68	29.56	45.80	56.0	-0.7
SC	15.26	36.11	61.75	18.17	37.87	98.7	4.9
Ga	31.46	54.11	72.69	37.47	44.58	44.4	-17.6
Fla	41.63	54.74	132.10	49.58	81.02	10.4	48.0
ESC:							
Ky	25.46	41.14	77.16	30.32	47.32	35.7	15.0
Tenn	34.32	60.99	83.57	40.88	51.25	49.2	-16.0
Ala	22.88	46.23	75.70	27.25	46.43	69.7	0.4
Miss	19.20	39.06	67.40	22.87	41.34	70.8	5.8
WSC:							
Ark	30.81	37.44	60.76	36.69	37.26	2.0	-0.5
La	34.05	47.10	82.21	40.55	50.42	16.2	7.0
Okla	23.56	40.60	78.53	28.06	48.16	44.7	18.6
Tex	27.22	45.81	81.41	32.42	49.93	41.3	9.0
MT:							
Mont	36.41	54.63	96.65	43.36	59.28	26.0	8.5
Idaho	43.64	58.30	98.83	51.98	60.61	12.2	4.0
Wyo	47.71	65.98	104.78	56.82	64.26	16.1	-2.6
Colo	34.55	57.09	104.48	41.15	64.08	38.7	12.2
N Mex	36.35	59.78	84.53	43.29	51.84	38.1	-13.3
Ariz	43.08	68.75	104.17	51.31	63.89	34.0	-7.1
Utah	29.36	43.47	81.91	34.97	50.24	24.3	15.6
Nev	60.27	95.08	112.99	71.78	69.30	32.5	-27.1
PAC:							
Wash	45.86	73.10	126.28	54.62	77.45	33.8	6.0
Oreg	44.66	67.62	110.51	53.19	67.78	27.1	0.2
Calif	68.80	79.45	122.62	81.94	75.20	-3.0	-5.3
Alaska	78.11	142.65	315.19	93.03	193.31	53.3	35.5
Hawaii	75.41	112.01	258.64	89.81	158.62	24.7	41.6

Sources: U.S. Department of Commerce, Bureau of the Census, Census of Governments, 1967, 1972, and 1977; and authors' calculations.

State and Local Government Expenditure, Per Capita
Direct General Expenditure -- Government Administration

	Expenditure per Capita (Current dollars)			Expenditure per Capita (in 1972 dollars)		Percent Change in Real Expenditure	
	1967	1972	1977	1967	1977	1967-72	1972-77
U.S.	\$21.45	\$35.77	\$60.95	\$25.55	\$37.38	40.0%	4.5%
NE:							
Maine	19.64	33.15	46.46	23.39	28.49	41.7	-14.1
NH	17.25	28.22	50.13	20.54	30.74	37.4	8.9
Vt	24.09	38.76	61.11	28.69	37.48	35.1	-3.3
Mass	26.30	38.98	63.15	31.32	38.73	24.5	-0.6
RI	26.29	35.31	61.66	31.31	37.82	12.8	7.1
Conn	23.35	40.56	53.02	27.81	32.52	45.8	-19.8
MA:							
NY	30.02	54.64	72.70	35.75	44.59	52.8	-18.4
NJ	22.97	37.22	68.81	27.36	42.20	36.0	13.4
Pa	18.64	31.05	54.45	22.20	33.39	39.9	7.5
ENC:							
Ohio	15.80	27.46	55.31	18.82	33.92	45.9	23.5
Ind	14.05	23.54	39.72	16.73	24.36	40.7	3.5
Ill	18.88	34.51	55.77	22.49	34.20	53.4	-0.9
Mich	21.23	36.79	62.34	25.28	38.23	45.5	3.9
Wis	23.18	34.80	55.10	27.61	33.79	26.0	-2.9
WNC:							
Minn	19.66	34.90	66.76	23.42	40.94	49.0	17.3
Iowa	21.62	29.14	59.42	25.75	36.44	13.2	25.1
Mo	15.25	24.04	39.09	18.16	23.97	32.4	-0.3
N Dak	21.55	28.15	54.22	25.67	33.25	9.7	18.1
S Dak	22.12	32.39	71.48	26.34	43.84	23.0	35.4
Nebr	18.13	30.28	58.43	21.59	35.84	40.3	18.4
Kans	17.95	28.96	58.27	21.38	35.74	35.5	23.4
SA:							
Del	24.06	48.13	102.46	28.66	62.84	67.9	30.6
Md	20.77	38.26	71.35	24.74	43.76	54.6	14.4
DC	32.07	83.15	131.48	38.20	80.64	117.7	-3.0
VA	17.95	32.66	61.14	21.38	37.50	52.8	14.8
W Va	15.31	21.32	43.43	18.23	26.64	17.0	25.0
NC	14.13	28.35	49.30	16.83	30.24	68.4	6.7
SC	11.74	21.54	40.58	13.98	24.89	54.1	15.6
Ga	17.43	26.95	48.65	20.76	29.84	29.8	10.7
Fla	23.02	35.24	64.09	27.42	39.31	28.5	11.5
ESC:							
Ky	13.13	19.40	40.95	15.64	25.11	24.0	29.4
Tenn	15.67	23.12	45.53	18.66	27.92	23.9	20.8
Ala	13.19	18.26	36.24	15.71	22.23	16.2	21.7
Miss	11.81	22.61	38.56	14.07	23.65	60.7	4.6
WSC:							
Ark	12.96	18.31	39.46	15.44	24.20	18.6	32.2
La	17.47	29.34	54.17	20.81	33.22	41.0	13.2
Okla	18.67	28.01	41.78	22.24	25.62	25.9	-8.5
Tex	15.01	23.90	44.08	17.88	27.03	33.7	13.1
MT:							
Mont	25.24	37.44	80.65	30.06	49.46	24.6	32.1
Idaho	21.37	34.81	62.95	25.45	38.61	36.8	10.9
Wyo	28.93	48.05	97.58	34.46	59.85	39.4	24.6
Colo	25.32	41.38	79.58	30.16	48.81	37.2	18.0
N Mex	26.99	32.61	68.16	32.15	41.80	1.4	28.2
Ariz	24.00	45.11	80.77	28.58	49.54	57.8	9.8
Utah	20.01	27.66	54.60	23.83	33.49	16.1	21.1
Nev	43.81	76.30	115.27	52.18	70.70	46.2	-7.3
PAC:							
Wash	22.48	40.29	66.70	26.77	40.91	50.5	1.5
Oreg	26.86	45.20	94.61	31.99	58.02	41.3	28.4
Calif	32.92	51.34	83.69	39.21	51.33	30.9	-0.0
Alaska	92.93	181.52	276.73	110.68	169.72	64.0	-6.5
Hawaii	46.24	63.35	97.18	55.07	59.60	15.0	-5.9

Sources: U.S. Department of Commerce, Bureau of the Census, Census of Governments, 1967, 1972, and 1977; and authors' calculations.

State and Local Government Expenditure, Per Capita
Direct General Expenditure -- Interest on General Debt

	Expenditure per Capita (Current dollars)			Expenditure per Capita (in 1972 dollars)		Percent Change in Real Expenditure	
	1967	1972	1977	1967	1977	1967-72	1972-77
U.S.	\$15.32	\$28.95	\$51.92	\$18.25	\$31.84	58.6%	10.0%
NE:							
Maine	10.42	19.46	45.71	12.41	28.03	56.8	44.0
NH	12.02	24.30	42.00	14.32	25.76	69.7	6.0
Vt	11.09	39.90	61.11	13.21	37.48	202.0	-6.1
Mass	19.37	31.54	79.80	23.07	48.94	36.7	55.2
RI	15.74	28.43	49.42	18.75	30.31	51.6	6.6
Conn	23.96	49.38	76.65	28.54	47.01	73.0	-4.8
MA:							
NY	27.04	58.74	150.58	32.20	92.35	82.4	57.2
NJ	15.65	35.57	66.47	18.64	40.77	90.8	14.6
Pa	16.93	34.40	73.39	20.16	45.01	70.6	30.8
ENC:							
Ohio	11.98	24.11	38.25	14.27	23.46	69.0	-2.7
Ind	10.27	18.18	23.00	12.23	14.11	48.7	-22.4
Ill	15.03	24.02	44.07	17.90	27.03	34.2	12.5
Mich	14.53	28.48	44.11	17.31	27.05	64.5	-5.0
Wis	12.18	25.42	36.71	14.51	22.51	75.2	-11.4
WNC:							
Minn	16.18	37.77	53.25	19.27	32.66	96.0	-13.5
Iowa	6.93	14.81	20.56	8.25	12.61	79.5	-14.9
Mo	9.51	19.42	23.02	11.33	14.12	71.4	-27.3
N Dak	10.90	14.68	23.99	12.98	14.71	13.1	0.2
S Dak	4.11	6.82	23.38	4.90	14.34	39.2	110.3
Nebr	9.78	17.77	27.40	11.65	16.80	52.5	-5.5
Kans	10.61	17.51	28.25	12.64	17.33	38.5	-1.0
SA:							
Del	33.49	54.97	85.82	39.89	52.63	37.8	-4.3
Md	19.67	35.34	67.43	23.43	41.35	50.8	17.0
DC	10.85	34.95	120.02	12.92	73.61	170.5	110.6
VA	11.68	21.35	35.37	13.91	21.69	53.5	1.6
W Va	11.67	22.59	43.68	13.90	26.79	62.5	18.6
NC	7.09	12.87	22.28	8.44	13.66	52.5	6.1
SC	5.20	15.53	23.29	6.19	14.28	150.9	-8.0
Ga	11.85	21.27	31.85	14.11	19.53	50.7	-8.2
Fla	14.87	21.25	37.75	17.71	23.15	20.0	8.9
ESC:							
Ky	18.43	35.54	53.96	21.95	33.09	61.9	-6.9
Tenn	12.45	23.86	38.28	14.83	23.48	60.9	-1.6
Ala	14.84	26.79	35.13	17.67	21.55	51.6	-19.6
Miss	10.66	23.29	34.50	12.70	21.16	83.4	-9.1
WSC:							
Ark	8.33	18.44	21.70	9.92	13.31	85.9	-27.8
La	18.62	34.19	48.19	22.18	29.55	54.1	-13.6
Okla	14.80	27.60	33.73	17.63	20.69	56.6	-25.0
Tex	13.73	23.86	40.67	16.35	24.94	45.9	4.5
MT:							
Mont	10.34	15.32	21.90	12.31	13.43	24.5	-12.3
Idaho	4.30	7.80	13.23	5.12	8.11	52.3	4.0
Wyo	9.77	19.97	53.67	11.64	32.92	71.6	64.8
Colo	10.20	14.29	30.05	12.15	18.43	17.6	29.0
N Mex	9.89	14.17	24.63	11.78	15.11	20.3	6.6
Ariz	9.64	14.84	31.30	11.48	19.20	29.3	29.4
Utah	9.36	11.23	19.03	11.15	11.67	0.7	3.9
Nev	21.64	33.57	48.19	25.77	29.55	30.3	-12.0
PAC:							
Wash	14.94	33.74	46.96	17.79	28.80	89.7	-14.6
Oreg	12.19	27.20	62.95	14.52	38.61	87.3	41.9
Calif	17.82	26.01	30.88	21.22	18.94	22.6	-27.2
Alaska	27.15	93.52	167.36	32.34	102.64	189.2	9.8
Hawaii	21.18	56.38	101.61	25.23	62.32	123.5	10.5

Sources: U.S. Department of Commerce, Bureau of the Census, Census of Governments, 1967, 1972, and 1977; and authors' calculations.

State and Local Government Expenditure, Per Capita
Direct General Expenditure -- Other and Unallocable

	Expenditure per Capita (Current dollars)			Expenditure per Capita (in 1972 dollars)		Percent Change in Real Expenditure	
	1967	1972	1977	1967	1977	1967-72	1972-77
U.S.	\$20.50	\$40.62	\$78.23	\$24.42	\$47.98	66.3%	18.1%
NE:							
Maine	13.48	59.91	76.83	16.05	47.12	273.3	-21.3
NH	15.36	43.62	66.38	18.29	40.71	138.5	-6.7
Vt	17.78	45.98	92.16	21.18	56.52	117.1	22.9
Mass	27.92	52.76	119.42	33.25	73.24	58.7	38.8
RI	29.62	39.14	75.39	35.28	46.24	10.9	18.1
Conn	18.36	50.44	115.44	21.87	70.80	130.6	40.4
MA:							
NY	41.52	101.16	128.60	49.45	78.87	104.6	-22.0
NJ	22.23	51.60	157.95	26.48	96.87	94.9	87.7
Pa	17.08	33.15	70.89	20.34	43.48	63.0	31.2
ENC:							
Ohio	11.26	27.18	61.75	13.41	37.87	102.7	39.3
Ind	11.62	22.59	38.00	13.84	23.31	63.2	3.2
Ill	14.36	32.94	77.71	17.10	47.66	92.6	44.7
Mich	16.63	37.17	74.27	19.81	45.55	87.6	22.5
Wis	16.54	39.16	73.97	19.70	45.37	98.8	15.9
WNC:							
Minn	16.78	36.18	97.33	19.98	59.69	81.1	65.0
Iowa	14.49	24.00	50.71	17.26	31.10	39.0	29.6
Mo	11.28	35.84	43.93	13.43	26.94	166.9	-24.8
N Dak	74.50	64.04	209.41	88.73	128.43	-27.8	100.5
S Dak	23.47	39.68	100.09	27.95	61.39	42.0	54.7
Nebr	22.68	34.63	62.01	27.01	38.03	28.2	9.8
Kans	18.70	28.25	77.04	22.27	47.25	26.9	67.3
SA:							
Del	59.66	39.20	83.15	71.06	51.00	-44.8	30.1
Md	14.91	40.09	94.66	17.76	58.05	125.7	44.8
DC	24.00	87.50	167.53	28.58	102.75	206.2	17.4
VA	16.03	27.45	56.91	19.09	34.90	43.8	27.1
W Va	13.39	21.12	82.32	15.95	50.49	32.4	139.1
NC	10.63	19.31	49.11	12.66	30.12	52.5	56.0
SC	16.38	34.16	49.61	19.51	30.43	75.1	-10.9
Ga	8.15	14.91	38.00	9.71	23.31	53.6	56.3
Fla	16.13	29.22	59.38	19.21	36.42	52.1	24.6
ESC:							
Ky	16.53	17.77	49.86	19.69	30.58	-9.8	72.1
Tenn	15.64	25.22	42.94	18.63	26.34	35.4	4.4
Ala	17.63	22.10	30.70	21.00	18.83	5.2	-14.8
Miss	18.14	28.45	45.31	21.60	27.79	31.7	-2.3
WSC:							
Ark	11.84	15.03	28.57	14.10	17.52	6.6	16.6
La	16.15	39.12	62.17	19.23	38.13	103.4	-2.5
Okla	15.65	30.34	47.16	18.64	28.92	62.8	-4.7
Tex	7.01	17.01	41.07	8.35	25.19	103.7	48.1
MT:							
Mont	15.16	48.29	81.88	18.06	50.22	167.4	4.0
Idaho	20.57	36.41	72.07	24.50	44.20	48.6	21.4
Wyo	16.66	29.32	74.40	19.84	45.63	47.8	55.6
Colo	13.27	24.36	49.01	15.80	30.06	54.2	23.4
N Mex	11.58	24.53	49.73	13.79	30.50	77.9	24.3
Ariz	22.41	36.81	58.17	26.69	35.68	37.9	-3.1
Utah	15.94	24.80	67.73	18.98	41.54	30.7	67.5
Nev	38.57	63.01	66.84	45.94	40.99	37.2	-34.9
PAC:							
Wash	13.74	25.61	56.39	16.36	34.58	56.5	35.0
Oreg	15.84	32.33	62.88	18.87	38.56	71.3	19.3
Calif	36.71	52.51	107.69	43.72	66.05	20.1	25.8
Alaska	112.33	258.59	331.78	133.79	203.48	93.3	-21.3
Hawaii	67.87	114.44	261.22	80.83	160.21	41.6	40.0

Sources: U.S. Department of Commerce, Bureau of the Census, Census of Governments, 1967, 1972, and 1977; and authors' calculations.

State and Local Government Expenditure, Per Capita

Utilities Expenditures

	Expenditure per Capita (Current dollars)			Expenditure per Capita (in 1972 dollars)		Percent Change in Real Expenditure	
	1967	1972	1977	1967	1977	1967-72	1972-77
U.S.	\$30.35	\$46.65	\$102.11	\$36.15	\$62.62	29.0%	34.2%
NE:							
Maine	10.29	14.87	46.44	12.26	28.48	21.3	91.5
NH	6.47	11.53	18.37	7.71	11.27	49.5	-2.3
Vt	15.65	21.50	48.65	18.64	29.84	15.3	38.8
Mass	32.85	59.06	114.94	39.12	70.49	51.0	19.4
RI	10.63	16.87	30.16	12.66	18.50	33.3	9.7
Conn	9.68	16.96	34.90	11.53	21.40	47.1	26.2
MA:							
NY	46.59	71.42	175.92	55.49	107.89	28.7	51.1
NJ	9.26	13.82	25.34	11.03	15.54	25.3	12.4
Pa	12.14	27.76	51.02	14.46	31.29	92.0	12.7
ENC:							
Ohio	18.99	25.94	46.03	22.62	28.23	14.7	8.8
Ind	23.36	31.02	56.42	27.82	34.60	11.5	11.5
Ill	27.56	42.25	70.36	32.82	43.15	28.7	2.1
Mich	25.06	36.79	56.07	29.85	34.39	23.2	-6.5
Wis	17.68	21.44	40.67	21.06	24.94	1.8	16.3
WNC:							
Minn	20.97	38.37	69.94	24.98	42.89	53.6	11.8
Iowa	21.53	28.02	67.25	25.64	41.24	9.3	47.2
Mo	22.43	32.31	65.62	26.71	40.24	21.0	24.5
N Dak	14.52	9.77	35.78	17.29	21.94	-43.5	124.6
S Dak	16.53	24.81	44.54	19.69	27.32	26.0	10.1
Nebr	134.09	267.18	595.15	159.70	365.01	67.3	36.6
Kans	30.01	43.48	105.18	35.74	64.51	21.7	48.4
SA:							
Del	16.93	22.79	67.47	20.16	41.38	13.0	81.6
Md	14.94	19.98	41.77	17.79	25.62	12.3	28.2
DC	12.33	197.81	1,109.56	14.69	680.49	1,246.6	244.0
VA	14.87	23.47	46.53	17.71	28.54	32.5	21.6
W Va	4.94	8.07	18.95	5.88	11.62	37.2	44.0
NC	18.55	27.36	67.60	22.09	41.46	23.9	51.5
SC	15.32	26.62	102.06	18.25	62.59	45.9	135.1
Ga	19.38	33.04	194.45	23.08	119.26	43.2	261.0
Fla	34.28	45.55	104.57	40.83	64.13	11.6	40.8
ESC:							
Ky	17.08	37.71	63.92	20.34	39.20	85.4	4.0
Tenn	74.65	123.48	256.43	88.91	157.27	38.9	27.4
Ala	27.90	42.51	94.83	33.23	58.16	27.9	36.8
Miss	16.24	20.04	47.29	19.34	29.00	3.6	44.7
WSC:							
Ark	12.93	20.66	42.94	15.40	26.34	34.2	27.5
La	19.15	23.89	50.18	22.81	30.78	4.7	28.8
Okla	18.86	26.23	57.89	22.46	35.50	16.8	35.3
Tex	30.13	42.51	119.21	35.88	73.11	18.5	72.0
MT:							
Mont	8.94	9.92	38.74	10.65	23.76	-6.9	139.5
Idaho	12.41	12.39	29.02	14.78	17.80	-16.2	43.7
Wyo	18.79	20.74	39.24	22.38	24.07	-7.3	16.1
Colo	47.09	51.90	140.90	56.08	86.41	-7.5	66.5
N Mex	21.60	24.97	55.16	25.73	33.83	-3.0	35.5
Ariz	47.18	97.65	212.59	56.19	130.38	73.8	33.5
Utah	21.03	22.31	65.69	25.05	40.29	-10.9	80.6
Nev	20.75	30.74	75.63	24.71	46.38	24.4	50.9
PAC:							
Wash	120.00	114.28	305.48	142.92	187.35	-20.0	63.9
Oreg	24.29	46.35	123.24	28.93	75.58	60.2	63.1
Calif	55.27	84.41	127.19	65.83	78.01	28.2	-7.6
Alaska	57.12	112.09	140.73	68.03	86.31	64.8	-23.0
Hawaii	27.33	27.63	39.43	32.55	24.18	-15.1	-12.5

Sources: U.S. Department of Commerce, Bureau of the Census, Census of Governments, 1967, 1972, and 1977; and authors' calculations.

State and Local Government Expenditure, Per Capita

Liquor Store Expenditures

	Expenditure per Capita (Current dollars)			Expenditure per Capita (in 1972 dollars)		Percent Change in Real Expenditure	
	1967	1972	1977	1967	1977	1967-72	1972-77
U.S.	\$6.79	\$8.08	\$9.69	\$8.09	\$5.94	-0.1%	-26.5%
NE:							
Maine	24.47	25.13	31.81	29.14	19.51	-13.8	-22.4
NH	55.65	88.49	101.43	66.28	62.21	33.5	-29.7
Vt	37.97	52.98	56.54	45.22	34.68	17.2	-34.5
Mass	-	-	-	(-)	(-)	(-)	(-)
RI	-	-	-	(-)	(-)	(-)	(-)
Conn	-	-	-	(-)	(-)	(-)	(-)
MA:							
NY	-	-	-	(-)	(-)	(-)	(-)
NJ	-	-	-	(-)	(-)	(-)	(-)
Pa	22.66	27.34	32.76	26.99	20.09	1.3	-26.5
ENC:							
Ohio	20.64	20.96	22.70	24.58	13.92	-14.7	-33.6
Ind	-	-	-	(-)	(-)	(-)	(-)
Ill	-	-	-	(-)	(-)	(-)	(-)
Mich	21.89	27.27	30.64	26.07	18.79	4.6	-31.1
Wis	-	-	-	(-)	(-)	(-)	(-)
WNC:							
Minn	11.49	14.79	20.95	13.68	12.85	8.1	-13.1
Iowa	16.53	20.13	27.17	19.69	16.66	2.2	-17.2
Mo	-	-	-	(-)	(-)	(-)	(-)
N Dak	-	-	-	(-)	(-)	(-)	(-)
S Dak	8.65	11.10	16.03	10.30	9.83	7.8	-11.4
Nebr	-	-	-	(-)	(-)	(-)	(-)
Kans	-	-	-	(-)	(-)	(-)	(-)
SA:							
Del	-	-	-	(-)	(-)	(-)	(-)
Md	5.69	8.37	12.99	6.78	7.97	23.5	-4.8
DC	-	-	-	(-)	(-)	(-)	(-)
VA	24.91	28.72	31.27	29.67	19.18	-3.2	-33.2
W Va	16.86	21.56	29.45	20.08	18.06	7.4	-16.2
NC	17.78	17.12	23.64	21.18	14.50	-19.2	-15.3
SC	-	-	-	(-)	(-)	(-)	(-)
Ga	-	-	-	(-)	(-)	(-)	(-)
Fla	-	-	-	(-)	(-)	(-)	(-)
ESC:							
Ky	-	-	-	(-)	(-)	(-)	(-)
Tenn	-	-	-	(-)	(-)	(-)	(-)
Ala	14.23	23.37	26.79	16.95	16.43	37.9	-29.7
Miss	12.57	21.79	27.55	14.97	16.90	45.6	-22.4
WSC:							
Ark	-	-	-	(-)	(-)	(-)	(-)
La	-	-	-	(-)	(-)	(-)	(-)
Okla	-	-	-	(-)	(-)	(-)	(-)
Tex	-	-	-	(-)	(-)	(-)	(-)
MT:							
Mont	24.28	32.09	42.43	28.92	26.02	11.0	-18.9
Idaho	17.97	24.10	26.08	21.40	15.99	12.6	-33.7
Wyo	26.09	34.94	49.25	31.07	30.21	12.5	-13.5
Colo	-	-	-	(-)	(-)	(-)	(-)
N Mex	-	-	0.02	(-)	0.0	(-)	(-)
Ariz	-	-	-	(-)	(-)	(-)	(-)
Utah	14.63	17.43	22.14	17.42	13.58	.1	-22.1
Nev	-	-	-	(-)	(-)	(-)	(-)
PAC:							
Wash	25.65	24.44	35.88	30.55	22.01	-20.0	-9.9
Oreg	20.55	25.15	28.32	24.48	17.37	2.7	-30.9
Calif	-	-	-	(-)	(-)	(-)	(-)
Alaska	-	-	0.83	(-)	0.51	(-)	(-)
Hawaii	-	-	-	(-)	(-)	(-)	(-)

Sources: U.S. Department of Commerce, Bureau of the Census, Census of Governments, 1967, 1972, and 1977; and authors' calculations.

State and Local Government Expenditure, Per Capita

Insurance Trust Expenditure

	Expenditure per Capita (Current dollars)			Expenditure per Capita (in 1972 dollars)		Percent Change in Real Expenditure	
	1967	1972	1977	1967	1977	1967-72	1972-77
U.S.	\$26.68	\$50.66	\$120.84	\$31.78	\$74.11	59.4%	46.3%
NE:							
Maine	20.50	53.91	132.21	24.42	81.08	120.8	50.4
NH	9.22	25.84	48.35	10.98	29.65	135.3	14.7
Vt	15.15	42.03	99.50	18.04	61.02	133.0	45.2
Mass	38.16	77.74	153.90	45.45	94.39	71.0	21.4
RI	42.14	82.87	189.90	50.19	116.47	65.1	40.5
Conn	21.70	91.15	174.26	25.84	106.87	252.7	17.2
MA:							
NY	51.89	99.28	209.64	61.80	128.57	60.6	29.5
NJ	34.37	78.78	189.10	40.93	115.98	92.5	47.2
Pa	25.56	60.18	169.48	30.44	103.94	97.7	72.7
ENC:							
Ohio	32.38	59.19	142.61	38.56	87.46	53.5	47.8
Ind	13.77	29.18	54.80	16.40	33.61	77.9	15.2
Ill	23.75	46.91	146.44	28.29	89.81	65.8	91.5
Mich	27.27	51.59	141.52	32.48	86.79	58.8	68.2
Wis	19.30	38.03	87.01	22.99	53.36	65.4	40.3
WNC:							
Minn	18.26	34.19	95.79	21.75	58.75	57.2	71.8
Iowa	9.63	21.80	66.16	11.47	40.58	90.1	86.1
Mo	12.15	26.43	73.13	14.47	44.85	82.7	69.7
N Dak	16.98	27.60	79.65	20.22	48.85	36.5	77.0
S Dak	3.23	7.03	35.83	3.85	21.97	82.6	212.5
Nebr	7.88	14.10	32.77	9.39	20.10	50.2	42.6
Kans	9.71	20.20	58.11	11.56	35.64	74.7	76.4
SA:							
Del	17.10	25.88	136.36	20.37	83.63	27.0	223.1
Md	17.56	40.25	98.53	20.91	60.43	92.5	50.1
DC	36.67	86.29	167.82	43.67	102.92	97.6	19.3
VA	6.38	13.16	52.71	7.60	32.33	73.2	145.7
W Va	24.10	60.63	119.44	28.70	73.25	111.3	20.8
NC	9.18	19.07	71.03	10.93	43.56	74.5	128.4
SC	9.82	19.47	66.45	11.70	40.75	66.4	109.3
Ga	10.57	20.31	69.90	12.59	42.87	61.3	111.1
Fla	11.48	21.80	62.32	13.67	38.22	59.5	75.3
ESC:							
Ky	11.51	27.72	80.57	13.71	49.41	102.2	78.2
Tenn	12.08	23.66	77.06	14.39	47.26	64.4	99.7
Ala	10.41	24.63	76.51	12.40	46.92	98.6	90.5
Miss	6.37	14.97	50.71	7.59	31.10	97.2	107.7
WSC:							
Ark	11.26	21.23	63.79	13.41	39.12	58.3	84.3
La	16.09	37.49	100.38	19.16	61.56	95.7	64.2
Okla	11.05	26.74	66.47	13.16	40.77	103.2	52.5
Tex	9.45	17.65	40.53	11.25	24.86	56.9	40.8
MT:							
Mont	26.06	44.10	110.05	31.04	67.49	42.1	53.0
Idaho	17.49	30.31	77.48	20.83	47.52	45.5	56.8
Wyo	17.96	25.46	64.60	21.39	39.62	19.0	55.6
Colo	20.52	29.70	81.76	24.44	50.14	21.5	68.8
N Mex	15.16	27.67	62.79	18.06	38.51	53.2	39.2
Ariz	25.08	31.51	75.12	29.87	46.07	5.5	46.2
Utah	18.56	31.02	74.37	22.10	45.61	40.4	47.0
Nev	58.57	95.89	193.12	69.76	118.44	37.5	23.5
PAC:							
Wash	38.92	92.59	174.40	46.35	106.96	99.8	15.5
Oreg	33.67	52.70	132.91	40.10	81.51	31.4	54.7
Calif	60.92	84.73	179.20	72.56	109.90	16.8	29.7
Alaska	29.34	59.04	289.45	34.94	177.52	69.0	200.7
Hawaii	28.68	76.05	167.71	34.16	102.86	122.6	35.3

Sources: U.S. Department of Commerce, Bureau of the Census, Census of Governments, 1967, 1972, and 1977; and authors' calculations.

State and Local Government Employment, Per 10,000 Population

Total State and Local Government Employment						Education					
	Employment (Per 10,000 Population)			Percent Change in Employment			Employment (Per 10,000 Population)			Percent Change in Employment	
	1967	1972	1977	1967-72	1972-77		1967	1972	1977	1967-72	1972-77
U.S.	376.7	454.4	489.5	20.6%	7.7%	U.S.	184.9	225.6	237.3	22.0%	5.2%
NE:						NE:					
Maine	358.7	444.1	467.7	23.8	5.3	Maine	187.8	239.6	256.3	27.6	7.0
NH	339.4	422.4	449.8	24.5	6.5	NH	159.9	215.7	224.8	34.9	4.2
Vt	365.8	499.8	488.9	36.6	-2.2	Vt	187.2	272.6	278.4	45.6	2.1
Mass	376.6	448.0	490.4	19.0	9.5	Mass	150.2	193.2	225.0	28.6	16.5
RI	349.4	422.2	471.7	20.8	11.7	RI	157.7	209.3	223.4	32.7	6.7
Conn	346.7	404.2	432.0	16.6	6.9	Conn	178.1	212.7	224.1	19.4	5.4
MA:						MA:					
NY	443.3	518.9	510.3	17.1	-1.7	NY	171.9	205.7	194.7	19.7	-5.3
NJ	326.1	415.4	479.7	27.4	15.5	NJ	155.7	206.1	227.7	32.4	10.5
Pa	315.5	379.9	406.8	20.4	7.1	Pa	146.4	178.5	186.6	21.9	4.5
ENC:						ENC:					
Ohio	331.5	399.8	429.6	20.6	7.5	Ohio	170.6	214.1	216.8	25.5	1.3
Ind	361.8	408.4	435.6	12.9	6.7	Ind	197.6	226.4	236.6	14.6	4.5
Ill	351.7	414.3	439.0	17.8	6.0	Ill	171.8	203.6	217.6	18.5	6.9
Mich	375.5	428.4	475.2	14.1	10.9	Mich	208.2	236.7	257.1	13.7	8.6
Wis	374.5	450.6	467.7	20.3	3.8	Wis	185.2	239.8	248.6	29.5	3.7
WNC:						WNC:					
Minn	385.3	465.1	493.2	20.7	6.0	Minn	204.4	255.2	257.0	24.9	0.7
Iowa	392.9	438.7	494.9	11.7	12.8	Iowa	217.6	247.5	269.5	13.7	8.9
Mo	350.2	416.8	459.1	19.0	10.1	Mo	178.1	211.7	223.9	18.9	5.8
N Dak	402.8	473.8	469.4	17.6	-0.9	N Dak	227.2	276.5	256.0	21.7	-7.4
S Dak	427.2	474.7	507.2	11.1	6.8	S Dak	228.9	266.1	271.4	16.3	2.0
Nebr	423.6	525.4	573.0	24.0	9.1	Nebr	205.6	265.2	269.7	29.0	1.7
Kans	419.6	477.5	532.4	13.8	11.5	Kans	218.9	252.1	279.0	15.2	10.7
SA:						SA:					
Del	405.4	536.2	548.2	32.3	2.2	Del	210.3	292.9	290.0	39.3	-1.0
Md	384.9	473.2	524.0	22.9	10.7	Md	200.0	245.7	264.2	22.9	7.5
DC	470.4	664.5	791.5	41.3	19.1	DC	154.6	195.2	129.5	26.3	-33.7
VA	347.5	446.1	510.3	28.4	14.4	VA	190.2	242.7	274.2	27.6	13.0
W Va	327.1	470.6	504.0	43.9	7.1	W Va	202.3	251.3	266.6	24.2	6.1
NC	329.4	413.3	512.6	25.5	24.0	NC	182.5	224.0	266.5	22.7	19.0
SC	323.5	450.7	520.7	39.3	15.5	SC	172.4	244.0	264.5	41.5	8.4
Ga	365.4	485.6	567.9	32.9	16.9	Ga	181.8	224.1	253.8	23.3	13.3
Fla	413.5	490.8	508.9	18.7	3.7	Fla	193.0	229.0	222.2	18.7	-3.0
ESC:						ESC:					
Ky	332.8	389.1	431.2	16.9	10.8	Ky	184.8	214.6	226.0	16.1	5.3
Tenn	374.4	465.3	512.0	24.3	10.0	Tenn	172.9	215.7	228.0	24.8	5.7
Ala	340.2	427.1	490.8	25.5	14.9	Ala	170.2	204.7	231.0	20.3	12.8
Miss	354.0	468.1	516.9	32.2	10.4	Miss	180.0	241.2	251.9	34.0	4.4
WSC:						WSC:					
Ark	338.2	396.3	451.3	17.2	13.9	Ark	181.7	207.7	233.6	14.3	12.5
La	402.4	484.3	525.7	20.4	8.5	La	198.2	239.9	255.3	21.0	6.4
Okla	399.5	465.9	508.7	16.6	9.2	Okla	206.7	236.9	259.2	14.6	9.4
Tex	357.3	450.7	500.8	26.1	11.1	Tex	192.9	244.4	273.6	26.7	11.9
MT:						MT:					
Mont	414.0	512.8	558.3	23.9	8.9	Mont	207.9	268.6	274.0	29.2	2.0
Idaho	394.8	497.5	525.1	26.0	5.5	Idaho	199.1	248.6	262.4	24.9	5.6
Wyo	566.7	677.5	645.8	19.6	-4.7	Wyo	268.6	364.6	327.3	35.7	-10.2
Colo	416.9	525.6	541.3	26.1	3.0	Colo	252.5	296.9	280.2	17.6	-5.6
N Mex	432.2	557.6	579.8	29.0	4.0	N Mex	236.4	309.1	310.2	30.8	0.4
Ariz	407.9	528.8	545.5	29.6	3.2	Ariz	219.9	295.1	293.3	34.2	-0.6
Utah	405.0	519.6	519.6	28.3	0.0	Utah	246.5	317.7	298.5	28.9	-6.0
Nev	467.8	597.4	586.5	27.7	-1.8	Nev	190.4	258.7	239.9	35.9	-7.3
PAC:						PAC:					
Wash	437.6	500.0	510.5	14.3	2.1	Wash	226.6	247.7	250.2	9.3	1.0
Oreg	422.7	502.4	530.9	18.9	5.7	Oreg	225.0	272.7	270.9	21.2	-0.7
Calif	407.5	477.5	498.7	17.2	4.4	Calif	190.7	223.1	226.3	17.0	1.4
Alaska	467.9	722.0	706.9	54.3	-2.1	Alaska	209.8	346.6	309.2	65.2	-10.8
Hawaii	432.1	523.5	534.9	21.2	2.2	Hawaii	215.3	260.8	224.7	21.1	-13.8

Sources: U.S. Department of Commerce, Bureau of the Census, Census of Governments, 1967, 1972, and 1977; and authors' calculations.

State and Local Government Employment, Per 10,000 Population

Libraries						Public Welfare					
	Employment (Per 10,000 Population)			Percent Change in Employment			Employment (Per 10,000 Population)			Percent Change in Employment	
	1967	1972	1977	1967-72	1972-77		1967	1972	1977	1967-72	1972-77
U.S.	2.5	2.9	3.0	16.0%	3.4%	U.S.	10.4	14.2	16.5	36.5%	16.2%
NE:						NE:					
Maine	1.3	1.4	1.9	7.7	35.7	Maine	7.0	7.7	10.9	10.0	41.6
NH	2.8	2.8	3.0	0.0	7.1	NH	14.0	22.8	32.4	62.9	42.1
Vt	0.9	0.7	0.9	-22.2	28.6	Vt	7.9	8.4	13.3	6.3	58.3
Mass	5.2	5.6	6.2	7.7	10.7	Mass	10.7	11.9	13.5	11.2	13.4
RI	1.2	2.0	2.5	66.7	25.0	RI	13.2	15.7	17.6	18.9	12.1
Conn	2.8	3.7	3.7	32.1	0.0	Conn	9.5	8.9	10.2	-6.3	14.6
MA:						MA:					
NY	3.0	3.2	1.3	6.7	-59.4	NY	20.0	26.2	27.7	31.0	5.7
NJ	3.2	4.5	4.5	40.6	0.0	NJ	7.8	13.4	17.7	71.8	32.1
Pa	1.7	1.5	1.6	-11.8	6.7	Pa	13.9	19.5	25.8	40.3	32.3
ENC:						ENC:					
Ohio	1.7	2.2	3.1	29.4	40.9	Ohio	11.7	13.6	16.2	16.2	19.1
Ind	2.8	4.0	4.0	42.9	0.0	Ind	7.2	9.5	12.7	31.9	33.7
Ill	2.8	3.0	3.6	7.1	20.0	Ill	11.1	13.6	13.7	22.5	0.7
Mich	2.5	2.1	2.1	-16.0	0.0	Mich	6.2	11.0	8.1	77.4	-26.4
Wis	3.1	3.6	3.6	16.1	0.0	Wis	14.1	13.5	16.4	-4.3	21.5
WNC:						WNC:					
Minn	3.1	3.3	3.6	6.5	9.1	Minn	10.1	13.9	19.9	37.6	43.2
Iowa	2.4	2.5	2.4	4.2	-4.0	Iowa	11.8	13.7	17.8	16.1	29.9
Mo	3.7	3.3	3.7	-10.8	12.1	Mo	10.0	11.5	13.3	15.0	15.7
N Dak	0.3	0.4	0.9	33.3	125.0	N Dak	9.7	13.1	15.5	35.1	18.3
S Dak	2.2	2.0	2.6	-9.1	30.0	S Dak	7.5	11.0	14.0	46.7	27.3
Nebr	2.5	3.2	2.7	28.0	-15.6	Nebr	7.6	13.6	19.8	78.9	45.6
Kans	0.9	1.3	1.3	44.4	0.0	Kans	9.4	10.7	13.1	13.8	22.4
SA:						SA:					
Del	-	0.1	1.1	(-)	1,000.0	Del	18.7	18.0	19.1	-3.7	6.1
Md	4.6	4.7	4.9	2.2	4.3	Md	6.9	11.6	8.5	68.1	-26.7
DC	9.4	9.8	7.0	4.3	-28.6	DC	42.2	38.3	38.8	-9.2	1.3
VA	2.1	2.8	3.2	33.3	14.3	VA	5.2	9.5	12.3	82.7	29.5
W Va	1.1	1.2	1.2	9.1	0.0	W Va	12.1	12.8	19.6	5.8	53.1
NC	1.1	1.5	2.1	36.4	40.0	NC	6.3	9.8	15.0	55.6	53.1
SC	1.2	1.7	2.2	41.7	29.4	SC	4.6	9.0	15.8	95.7	75.6
Ga	0.7	1.4	1.8	100.0	28.6	Ga	4.3	10.9	10.8	153.5	-0.9
Fla	2.1	2.1	2.7	0.0	28.6	Fla	6.8	10.6	11.3	55.9	6.6
ESC:						ESC:					
Ky	0.8	1.4	1.6	75.0	14.3	Ky	8.3	11.3	15.6	36.1	38.1
Tenn	1.5	2.0	2.3	33.3	15.0	Tenn	6.9	11.0	15.0	59.4	36.4
Ala	1.2	1.4	1.4	16.7	0.0	Ala	5.1	8.2	11.6	60.8	41.5
Miss	0.7	1.3	1.2	85.7	-7.7	Miss	7.8	11.5	13.5	47.4	17.4
WSC:						WSC:					
Ark	1.7	1.2	1.3	-29.4	8.3	Ark	5.8	9.4	9.4	62.1	0.0
La	2.8	3.1	3.2	10.7	3.2	La	8.5	12.4	14.6	45.9	17.7
Okla	1.3	2.0	2.1	53.8	5.0	Okla	12.9	15.0	19.6	16.3	30.7
Tex	1.7	2.2	3.1	29.4	40.9	Tex	4.0	7.0	11.5	75.0	64.3
MT:						MT:					
Mont	2.9	3.2	3.0	10.3	-6.3	Mont	10.3	15.6	19.2	51.5	23.1
Idaho	2.2	2.6	2.7	18.2	3.8	Idaho	5.5	7.7	15.3	40.0	98.7
Wyo	3.1	3.8	3.1	22.6	-18.4	Wyo	16.5	11.8	11.9	-28.5	0.8
Colo	3.4	3.7	4.0	8.8	8.1	Colo	12.2	14.5	15.2	18.9	4.8
N Mex	1.7	2.3	2.4	35.3	4.3	N Mex	11.4	12.1	13.0	6.1	7.4
Ariz	2.1	2.9	3.1	38.1	6.9	Ariz	5.1	8.0	10.0	56.9	25.0
Utah	3.8	3.2	3.6	-15.8	12.5	Utah	6.5	8.9	15.5	36.9	74.2
Nev	2.9	3.3	5.0	13.8	51.5	Nev	7.0	10.3	12.5	47.1	21.4
PAC:						PAC:					
Wash	4.4	6.1	5.0	38.6	-18.0	Wash	10.2	17.0	14.8	66.7	-12.9
Oreg	2.2	2.0	2.4	-9.1	20.0	Oreg	10.4	15.8	20.0	51.9	26.6
Calif	3.6	4.2	4.8	16.7	14.3	Calif	13.2	19.5	17.0	47.7	-12.8
Alaska	1.3	2.1	2.4	61.5	14.3	Alaska	8.9	13.9	12.6	56.2	-9.4
Hawaii	0.1	0.1	-	0.0	(-)	Hawaii	4.4	5.9	9.6	34.1	62.7

Sources: U.S. Department of Commerce, Bureau of the Census, Census of Governments, 1967, 1972, and 1977; and authors' calculations.

State and Local Government Employment, Per 10,000 Population

Hospitals, Health

	Employment (Per 10,000 Population)			Percent Change in Employment	
	1967	1972	1977	1967-72	1972-77
U.S.	42.7	51.8	57.3	21.3%	10.6%
NE:					
Maine	24.7	28.3	25.2	14.6	-11.0
NH	32.7	33.9	35.3	3.7	4.1
Vt	25.7	32.6	32.2	26.8	-1.2
Mass	54.8	60.4	56.3	10.2	-6.8
RI	34.8	40.5	49.5	16.4	22.2
Conn	32.9	34.5	40.2	4.9	16.5
MA:					
NY	63.3	77.3	80.8	22.1	4.5
NJ	34.2	37.1	40.5	8.5	9.2
Pa	31.1	35.8	33.1	15.1	-7.5
ENC:					
Ohio	31.4	36.7	41.6	16.9	13.4
Ind	46.0	51.7	47.8	12.4	-7.5
Ill	38.9	42.7	40.9	9.8	-4.2
Mich	46.3	48.5	51.8	4.8	6.8
Wis	39.9	46.4	48.0	16.3	3.4
WNC:					
Minn	45.3	50.1	56.9	10.6	13.6
Iowa	40.7	44.9	59.2	10.3	31.8
Mo	44.0	60.6	68.5	37.7	13.0
N Dak	25.9	29.9	35.1	15.4	17.4
S Dak	27.1	33.3	39.8	22.9	19.5
Nebr	45.9	52.3	68.2	13.9	30.4
Kans	49.9	52.2	56.2	4.6	7.7
SA:					
Del	36.3	43.5	43.4	19.8	-0.2
Md	44.9	51.5	59.1	14.7	14.8
DC	64.5	108.3	91.1	67.9	-15.9
VA	32.9	44.2	51.3	34.3	16.1
W Va	35.3	52.0	61.0	47.3	17.3
NC	32.6	45.5	67.4	39.6	48.1
SC	46.9	65.7	87.1	40.1	32.6
Ga	62.7	98.1	121.4	56.5	23.8
Fla	57.2	63.5	68.5	11.0	7.9
ESC:					
Ky	32.0	39.9	41.0	24.7	2.8
Tenn	54.5	70.3	75.0	29.0	6.7
Ala	44.2	66.7	81.0	50.9	21.4
Miss	50.5	73.8	89.8	46.1	21.7
WSC:					
Ark	40.9	51.5	59.8	25.9	16.1
La	47.9	63.3	68.1	32.2	7.6
Okla	45.7	55.9	60.9	22.3	8.9
Tex	35.9	51.5	61.9	43.5	20.2
MT:					
Mont	34.4	38.1	43.9	10.8	15.2
Idaho	40.7	50.9	56.5	25.1	11.0
Wyo	80.8	88.2	83.8	9.2	-5.0
Colo	49.8	47.1	56.1	-5.4	19.1
N Mex	40.1	52.2	55.9	30.2	7.1
Ariz	25.7	35.3	35.4	37.4	0.3
Utah	26.1	37.9	45.2	45.2	19.3
Nev	62.8	68.0	70.1	8.3	3.1
PAC:					
Wash	33.8	36.6	40.2	8.3	9.8
Oreg	30.7	32.4	43.1	5.5	33.0
Calif	38.9	45.7	52.1	17.5	14.0
Alaska	26.2	29.6	30.4	13.0	2.7
Hawaii	37.6	41.3	52.2	9.8	26.4

Other Social Services

	Employment (Per 10,000 Population)			Percent Change in Employment	
	1967	1972	1977	1967-72	1972-77
U.S.	3.2	4.3	5.0	34.4%	16.3%
NE:					
Maine	3.4	5.8	5.7	70.6	-1.7
NH	3.7	4.2	4.8	13.5	14.3
Vt	4.4	8.3	8.6	88.6	3.6
Mass	4.1	5.0	5.7	22.0	14.0
RI	7.1	7.7	8.6	8.5	11.7
Conn	3.3	5.0	5.6	51.5	12.0
MA:					
NY	4.1	5.6	6.1	36.6	8.9
NJ	3.8	5.3	5.5	39.5	3.8
Pa	3.7	4.5	6.1	21.6	35.6
ENC:					
Ohio	3.2	3.6	4.0	12.5	11.1
Ind	2.3	2.6	3.4	13.0	30.8
Ill	2.6	3.9	3.8	50.0	-2.6
Mich	3.1	4.1	5.2	32.3	26.8
Wis	2.3	3.8	5.2	65.2	36.8
WNC:					
Minn	2.8	2.2	4.5	-21.4	104.5
Iowa	2.3	3.4	3.8	47.8	11.8
Mo	3.3	4.1	4.9	24.2	19.5
N Dak	3.7	5.7	7.8	54.1	36.8
S Dak	2.9	4.6	6.3	58.6	37.0
Nebr	2.4	3.4	4.0	41.7	17.6
Kans	2.5	3.7	3.6	48.0	-2.7
SA:					
Del	3.2	4.2	4.8	31.3	14.3
Md	2.8	3.8	3.9	35.7	2.6
DC	0	-	4.5	(-)	(-)
VA	2.0	2.5	3.3	25.0	32.0
W Va	3.0	5.7	4.9	90.0	-14.0
NC	2.3	3.2	4.2	39.1	31.3
SC	2.4	3.6	4.6	50.0	27.8
Ga	2.1	3.3	3.0	57.1	-9.1
Fla	2.4	2.8	3.4	16.7	21.4
ESC:					
Ky	2.0	3.0	1.3	50.0	-56.7
Tenn	2.4	3.2	4.8	33.3	50.0
Ala	2.4	3.6	4.4	50.0	22.2
Miss	2.7	4.3	5.6	59.3	30.2
WSC:					
Ark	3.4	5.0	6.4	47.1	28.0
La	2.7	4.2	5.3	55.6	26.2
Okla	2.9	4.4	4.4	51.7	0.0
Tex	2.8	3.6	3.9	28.6	8.3
MT:					
Mont	4.1	6.0	8.5	46.3	41.7
Idaho	5.1	6.9	8.8	35.3	27.5
Wyo	5.9	7.6	6.9	28.8	-9.2
Colo	3.2	4.4	6.1	37.5	38.6
N Mex	4.0	6.1	7.7	52.5	26.2
Ariz	4.2	5.6	6.0	33.3	7.1
Utah	4.5	6.4	6.1	42.2	-4.7
Nev	7.3	10.0	10.7	37.0	7.0
PAC:					
Wash	4.2	6.9	9.0	64.3	30.4
Oreg	4.1	6.0	7.4	46.3	23.3
Calif	4.1	5.0	5.5	22.0	10.0
Alaska	8.1	11.6	13.6	43.2	17.2
Hawaii	3.0	4.8	5.4	60.0	12.5

Sources: U.S. Department of Commerce, Bureau of the Census, Census of Governments, 1967, 1972, and 1977; and authors' calculations.

State and Local Government Employment, Per 10,000 Population

Highways						Other Transportation					
	Employment (Per 10,000 Population)			Percent Change in Employment			Employment (Per 10,000 Population)			Percent Change in Employment	
	1967	1972	1977	1967-72	1972-77		1967	1972	1977	1967-72	1972-77
U.S.	28.0	27.6	25.3	-1.4%	-8.3%	U.S.	1.3	1.4	1.4	7.7%	0.0%
NE:						NE:					
Maine	50.7	51.7	46.3	2.0	-10.4	Maine	0.7	1.7	1.6	142.9	-5.9
NH	42.9	41.9	39.1	-2.3	-6.7	NH	0.1	0.1	0.2	.0	100.0
Vt	51.4	52.5	38.5	2.1	-26.7	Vt	0.2	0.2	0.4	.0	100.0
Mass	26.8	25.3	22.7	-5.6	-10.3	Mass	0.5	1.0	1.4	100.0	40.0
RI	26.1	20.7	20.6	-20.7	-0.5	RI	0.3	0.1	0.1	-66.7	.0
Conn	29.9	25.5	22.7	-14.7	-11.0	Conn	0.1	0.1	0.1	.0	.0
MA:						MA:					
NY	23.4	24.9	24.9	6.4	0.0	NY	3.3	2.1	1.5	-36.4	-28.6
NJ	22.7	23.7	26.5	4.4	11.8	NJ	0.3	0.1	0.3	-66.7	200.0
Pa	28.2	26.9	25.2	-4.6	-6.3	Pa	0.6	0.6	0.8	.0	33.3
ENC:						ENC:					
Ohio	24.0	22.1	21.0	-7.9	-5.0	Ohio	0.6	0.5	0.7	-16.7	40.0
Ind	24.3	22.0	22.1	-9.5	0.5	Ind	0.3	0.5	0.7	66.7	40.0
Ill	20.7	17.4	17.5	-15.9	0.6	Ill	1.2	1.2	1.1	.0	-8.3
Mich	22.0	20.7	18.2	-5.9	-12.1	Mich	0.4	0.5	0.6	25.0	20.0
Wis	29.4	31.5	24.5	7.1	-22.2	Wis	0.6	0.5	0.6	-16.7	20.0
WNC:						WNC:					
Minn	34.1	33.4	29.1	-2.1	-12.9	Minn	0.5	0.6	0.8	20.0	33.3
Iowa	34.9	36.6	33.8	4.9	-7.7	Iowa	0.4	0.5	0.5	25.0	.0
Mo	23.3	24.4	26.4	4.7	8.2	Mo	0.6	0.9	1.2	50.0	33.3
N Dak	48.7	42.2	37.4	-13.3	-11.4	N Dak	1.1	1.2	0.7	9.1	-41.7
S Dak	54.7	51.7	42.7	-5.5	-17.4	S Dak	0.4	0.6	0.7	50.0	16.7
Nebr	34.3	38.1	36.3	11.1	-4.7	Nebr	0.7	1.7	0.9	142.9	-47.1
Kans	40.8	40.9	38.3	0.2	-6.4	Kans	0.5	0.6	0.8	20.0	33.3
SA:						SA:					
Del	35.9	31.8	27.7	-11.4	-12.9	Del	2.2	2.6	3.0	18.2	15.4
Md	23.8	24.2	24.0	1.7	-0.8	Md	1.1	1.0	1.3	-9.1	30.0
DC	18.6	17.9	15.5	-3.8	-13.4	DC	-	-	-	(-)	(-)
VA	32.0	32.8	30.2	2.5	-7.9	VA	0.5	1.1	0.5	120.0	-54.5
W Va	47.3	60.9	44.6	28.8	-26.8	W Va	0.5	0.5	0.6	.0	20.0
NC	27.3	28.3	28.1	3.7	-0.7	NC	0.7	1.0	1.1	42.9	10.0
SC	25.1	28.0	25.0	11.6	-10.7	SC	1.8	2.2	2.4	22.2	9.1
Ga	28.4	33.2	28.8	16.9	-13.3	Ga	1.5	1.9	2.3	26.7	21.1
Fla	27.4	24.5	23.5	-10.6	-4.1	Fla	1.9	2.3	2.5	21.1	8.7
ESC:						ESC:					
Ky	33.5	33.2	26.8	-0.9	-19.3	Ky	0.3	0.7	0.9	133.3	28.6
Tenn	33.9	32.8	30.8	-3.2	-6.1	Tenn	0.5	1.1	1.0	120.0	-9.1
Ala	37.3	39.5	36.9	5.9	-6.6	Ala	2.2	2.4	2.7	9.1	12.5
Miss	39.4	39.3	38.8	-0.3	-1.3	Miss	1.2	1.2	1.4	.0	16.7
WSC:						WSC:					
Ark	33.2	34.1	37.2	2.7	9.1	Ark	0.5	0.6	0.6	20.0	.0
La	38.1	34.5	33.2	-9.4	-3.8	La	2.7	3.1	2.7	14.8	-12.9
Okla	34.6	34.7	30.5	0.3	-12.1	Okla	0.9	1.0	0.9	11.1	-10.0
Tex	28.4	27.8	23.1	-2.1	-16.9	Tex	1.8	2.5	2.5	38.9	.0
MT:						MT:					
Mont	48.2	52.5	47.0	8.9	-10.5	Mont	0.7	0.8	1.5	14.3	87.5
Idaho	39.1	42.9	36.8	9.7	-14.2	Idaho	0.4	0.6	0.7	50.0	16.7
Wyo	66.3	58.5	51.3	-11.8	-12.3	Wyo	0.9	0.4	0.8	-55.6	100.0
Colo	32.6	32.4	29.4	-0.6	-9.3	Colo	0.7	1.2	0.8	71.4	-33.3
N Mex	33.4	40.4	34.1	21.0	-15.6	N Mex	0.7	0.8	1.1	14.3	37.5
Ariz	38.7	33.0	27.8	-14.7	-15.8	Ariz	1.4	1.7	1.6	21.4	-5.9
Utah	31.6	34.0	26.5	7.6	-22.1	Utah	0.3	0.5	0.8	66.7	60.0
Nev	47.7	44.4	32.6	-6.9	-26.6	Nev	1.1	2.3	3.8	109.1	65.2
PAC:						PAC:					
Wash	34.6	34.6	28.9	0.0	-16.5	Wash	3.8	5.4	5.2	42.1	-3.7
Oreg	36.2	35.0	29.1	-3.3	-16.9	Oreg	2.9	2.8	3.1	-3.4	10.7
Calif	20.8	19.3	15.9	-7.2	-17.6	Calif	1.9	2.0	2.3	5.3	15.0
Alaska	58.3	63.2	47.2	8.4	-25.3	Alaska	1.5	19.3	19.3	1,186.7	0.0
Hawaii	25.7	25.9	21.3	0.8	-17.8	Hawaii	8.3	2.9	2.4	-65.1	-17.2

Sources: U.S. Department of Commerce, Bureau of the Census, Census of Governments, 1967, 1972, and 1977; and authors' calculations.

State and Local Government Employment, Per 10,000 Population

Public Safety						Environment and Housing					
	Employment (Per 10,000 Population)			Percent Change in Employment			Employment (Per 10,000 Population)			Percent Change in Employment	
	1967	1972	1977	1967-72	1972-77		1967	1972	1977	1967-72	1972-77
U.S.	29.1	42.3	46.1	45.4%	9.0%	U.S.	23.1	26.3	29.0	13.9%	10.3%
NE:						NE:					
Maine	30.6	35.6	39.5	16.3	11.0	Maine	17.8	21.6	24.6	21.3	13.9
NH	33.1	40.1	39.6	21.1	-1.2	NH	16.2	17.8	19.0	9.9	6.7
Vt	28.3	38.7	37.2	36.7	-3.9	Vt	19.6	27.2	16.2	38.8	-40.4
Mass	52.3	56.5	56.8	8.0	0.5	Mass	8.0	21.1	23.1	163.8	9.5
RI	43.9	48.8	56.8	11.2	16.4	RI	21.7	22.0	25.4	1.4	15.5
Conn	38.4	44.5	49.6	15.9	11.5	Conn	19.0	24.1	22.2	26.8	-7.9
MA:						MA:					
NY	51.6	56.0	56.4	8.5	0.7	NY	33.4	34.5	34.7	3.3	0.6
NJ	43.8	52.0	58.9	18.7	13.3	NJ	19.6	25.5	26.0	30.1	2.0
Pa	31.9	35.2	39.6	10.3	12.5	Pa	17.2	13.3	24.5	-22.7	84.2
ENC:						ENC:					
Ohio	30.8	35.5	39.3	15.3	10.7	Ohio	18.8	22.0	23.1	17.0	5.0
Ind	29.6	31.5	35.3	6.4	12.1	Ind	15.9	18.4	21.8	15.7	18.5
Ill	36.9	42.8	47.1	16.0	10.0	Ill	20.0	25.5	27.1	27.5	6.3
Mich	32.3	37.5	42.7	16.1	13.9	Mich	17.0	19.1	21.4	12.4	12.0
Wis	34.4	40.0	40.0	16.3	0.0	Wis	24.7	25.5	23.3	3.2	-8.6
WNC:						WNC:					
Minn	25.5	30.6	31.3	20.0	2.3	Minn	17.6	19.8	25.3	12.5	27.8
Iowa	23.6	29.7	31.4	25.8	5.7	Iowa	17.4	17.4	20.5	0.0	17.8
Mo	34.6	40.0	54.0	15.6	35.0	Mo	19.0	19.0	24.0	0.0	26.3
N Dak	19.2	23.9	26.1	24.5	9.2	N Dak	24.0	25.6	27.6	6.7	7.8
S Dak	21.8	24.9	32.1	14.2	28.9	S Dak	24.1	21.9	25.8	-9.1	17.8
Nebr	26.5	32.0	35.7	20.8	11.6	Nebr	24.9	28.0	28.8	12.4	2.9
Kans	29.2	36.7	38.9	25.7	6.0	Kans	19.8	21.2	26.2	7.1	23.6
SA:						SA:					
Del	34.2	43.9	45.4	28.4	3.4	Del	24.0	34.3	32.7	42.9	-4.7
Md	46.3	52.6	57.8	13.6	9.9	Md	22.3	27.5	34.7	23.3	26.2
DC	81.7	126.0	127.5	54.2	1.2	DC	51.5	61.5	80.1	19.4	30.2
VA	29.6	36.5	47.0	23.3	28.8	VA	20.3	26.4	31.3	30.0	18.6
W Va	21.0	24.1	27.1	14.8	12.4	W Va	17.4	20.7	25.0	19.0	20.8
NC	28.6	36.0	42.6	25.9	18.3	NC	19.8	24.1	30.3	21.7	25.7
SC	23.8	30.1	38.8	26.5	28.9	SC	22.0	24.4	28.9	10.9	18.4
Ga	29.7	37.9	46.4	27.6	22.4	Ga	27.2	33.0	35.3	21.3	7.0
Fla	41.9	49.2	66.1	17.4	34.3	Fla	35.9	38.9	40.1	8.4	3.1
ESC:						ESC:					
Ky	24.1	27.4	34.8	13.7	27.0	Ky	19.5	23.8	26.9	22.1	13.0
Tenn	29.4	37.5	44.7	27.6	19.2	Tenn	28.0	31.9	37.8	13.9	18.5
Ala	25.3	31.7	47.4	25.3	49.5	Ala	20.0	38.5	33.4	92.5	-13.2
Miss	20.8	27.1	32.8	30.3	21.0	Miss	22.4	29.3	35.3	30.8	20.5
WSC:						WSC:					
Ark	24.2	25.6	41.7	5.8	62.9	Ark	21.0	34.9	25.8	66.2	-26.1
La	33.5	38.8	45.0	15.8	16.0	La	29.4	34.9	37.0	18.7	6.0
Okla	30.7	36.7	43.6	19.5	18.8	Okla	24.5	26.6	26.4	8.6	-0.8
Tex	28.9	35.7	38.4	23.5	7.6	Tex	21.1	26.6	27.0	26.1	1.5
MT:						MT:					
Mont	28.6	35.8	40.3	25.2	12.6	Mont	25.3	26.6	40.4	5.1	51.9
Idaho	28.9	37.8	37.0	30.8	-2.1	Idaho	28.6	37.1	37.4	29.7	0.8
Wyo	33.1	37.5	43.7	13.3	16.5	Wyo	37.5	41.1	38.3	9.6	-6.8
Colo	33.1	41.0	45.4	23.9	10.7	Colo	22.4	25.4	29.6	13.4	16.5
N Mex	31.0	40.0	43.6	29.0	9.0	N Mex	26.1	31.7	33.4	21.5	5.4
Ariz	33.7	43.5	50.6	29.1	16.3	Ariz	25.9	32.4	31.8	25.1	-1.9
Utah	26.3	33.7	37.0	28.1	9.8	Utah	20.6	27.7	23.0	34.5	-17.0
Nev	63.4	76.5	77.9	20.7	1.8	Nev	27.0	34.0	33.5	25.9	-1.5
PAC:						PAC:					
Wash	35.1	41.6	44.9	18.5	7.9	Wash	23.1	27.7	32.9	19.9	18.8
Oreg	36.7	43.7	46.3	19.1	5.9	Oreg	25.1	26.4	29.1	5.2	10.2
Calif	47.0	54.0	56.0	14.9	3.7	Calif	25.5	26.8	30.4	5.1	13.4
Alaska	32.5	44.4	49.8	36.6	12.2	Alaska	30.0	38.2	49.5	27.3	29.6
Hawaii	38.2	49.0	48.7	28.3	-0.6	Hawaii	43.0	44.8	49.2	4.2	9.8

Sources: U.S. Department of Commerce, Bureau of the Census, Census of Governments, 1967, 1972, and 1977; and authors' calculations.

State and Local Government Employment, Per 10,000 Population

Government Administration						Local Utilities					
	Employment (Per 10,000 Population)			Percent Change in Employment			Employment (Per 10,000 Population)			Percent Change in Employment	
	1967	1972	1977	1967-72	1972-77		1967	1972	1977	1967-72	1972-77
U.S.	20.7	24.9	29.2	20.3%	17.3%	U.S.	12.3	13.2	14.3	7.3%	8.3%
NE:						NE:					
Maine	18.4	22.9	28.4	24.5	24.0	Maine	5.2	5.4	7.3	3.8	35.2
NH	15.4	18.6	21.9	20.8	17.7	NH	4.8	5.1	5.7	6.3	11.8
Vt	23.2	31.8	31.2	37.1	-1.9	Vt	5.6	4.6	7.0	-17.9	52.2
Mass	22.5	26.7	30.7	18.7	15.0	Mass	17.9	19.4	19.0	8.4	-2.1
RI	22.9	23.1	27.8	0.9	20.3	RI	5.8	5.1	5.2	-12.1	2.0
Conn	17.8	22.7	24.8	27.5	9.3	Conn	4.0	3.7	3.7	-7.5	0.0
MA:						MA:					
NY	27.1	29.4	28.0	8.5	-4.8	NY	26.3	28.6	26.0	8.7	-9.1
NJ	20.9	26.5	33.1	26.8	24.9	NJ	3.8	4.1	4.4	7.9	7.3
Pa	21.8	25.1	27.8	15.1	10.8	Pa	6.4	11.9	12.6	85.9	5.9
ENC:						ENC:					
Ohio	19.7	22.3	27.3	13.2	22.4	Ohio	9.4	9.4	12.0	0.0	27.7
Ind	19.5	20.0	24.5	2.6	22.5	Ind	9.3	9.3	8.4	0.0	-9.7
Ill	18.7	22.3	27.7	19.3	24.2	Ill	17.3	17.0	17.8	-1.7	4.7
Mich	17.4	24.1	28.3	38.5	17.4	Mich	9.3	9.6	11.0	3.2	14.6
Wis	22.1	24.7	29.4	11.8	19.0	Wis	5.2	4.8	8.7	-7.7	81.3
WNC:						WNC:					
Minn	20.4	23.8	30.5	16.7	28.2	Minn	7.0	9.9	13.5	41.4	36.4
Iowa	21.4	22.7	28.8	6.1	26.9	Iowa	7.5	6.7	9.1	-10.7	35.8
Mo	19.1	19.9	25.0	4.2	25.6	Mo	7.8	7.6	9.5	-2.6	25.0
N Dak	25.7	31.6	35.7	23.0	13.0	N Dak	4.2	3.2	4.7	-23.8	46.9
S Dak	32.7	31.7	39.9	-3.1	25.9	S Dak	6.7	5.4	7.6	-19.4	40.7
Nebr	24.5	29.9	34.4	22.0	15.1	Nebr	35.6	38.8	46.9	9.0	20.9
Kans	24.2	26.8	35.2	10.7	31.3	Kans	12.1	12.1	13.4	0.0	10.7
SA:						SA:					
Del	30.9	36.4	40.6	17.8	11.5	Del	5.7	5.5	5.6	-3.5	1.8
Md	17.8	25.1	30.5	41.0	21.5	Md	4.9	6.3	4.6	28.6	-27.0
DC	18.8	34.4	41.7	83.0	21.2	DC	7.3	11.6	112.6	58.9	870.7
VA	15.5	19.2	24.3	23.9	26.6	VA	5.6	6.1	6.9	8.9	13.1
W Va	17.9	20.2	28.1	12.8	39.1	W Va	3.7	3.2	4.9	-13.5	53.1
NC	14.9	19.1	21.5	28.2	12.6	NC	5.6	5.7	6.8	1.8	19.3
SC	14.5	19.0	26.3	31.0	38.4	SC	5.8	6.9	6.6	19.0	-4.3
Ga	17.0	21.8	25.5	28.2	17.0	Ga	7.7	8.7	15.1	13.0	73.6
Fla	23.1	28.4	32.5	22.9	14.4	Fla	12.0	12.9	13.5	7.5	4.7
ESC:						ESC:					
Ky	14.4	16.2	22.4	12.5	38.3	Ky	6.3	6.7	9.0	6.3	34.3
Tenn	14.6	18.9	22.7	29.5	20.1	Tenn	24.2	25.2	24.4	4.1	-3.2
Ala	13.8	17.5	23.3	26.8	33.1	Ala	8.4	9.8	10.8	16.7	10.2
Miss	14.5	21.3	22.8	46.9	7.0	Miss	7.3	7.2	8.2	-1.4	13.9
WSC:						WSC:					
Ark	16.7	19.8	24.0	18.6	21.2	Ark	5.8	7.2	7.1	24.1	-1.4
La	16.5	22.3	29.4	35.2	31.8	La	10.6	9.9	9.9	-6.6	0.0
Okla	22.2	25.0	27.6	12.6	10.4	Okla	9.5	8.5	9.5	-10.5	11.8
Tex	17.4	21.1	25.9	21.3	22.7	Tex	13.7	14.1	14.3	2.9	1.4
MT:						MT:					
Mont	32.7	34.4	47.6	5.2	38.4	Mont	3.7	4.0	3.9	8.1	-2.5
Idaho	24.7	34.2	36.9	38.5	7.9	Idaho	4.4	4.1	4.4	-6.8	7.3
Wyo	33.0	37.2	49.6	12.7	33.3	Wyo	6.4	8.0	7.5	25.0	-6.3
Colo	29.4	32.7	34.1	11.2	4.3	Colo	12.3	11.6	18.9	-5.7	62.9
N Mex	26.6	34.1	40.0	28.2	17.3	N Mex	7.5	7.6	9.7	1.3	27.6
Ariz	25.3	32.5	31.9	28.5	-1.8	Ariz	15.8	18.5	19.5	17.1	5.4
Utah	20.6	25.7	30.7	24.8	19.5	Utah	8.5	7.9	4.0	-7.1	-49.4
Nev	34.0	48.1	57.9	41.5	20.4	Nev	5.2	6.2	6.4	19.2	3.2
PAC:						PAC:					
Wash	23.1	29.4	31.3	27.3	6.5	Wash	25.1	23.2	24.6	-7.6	6.0
Oreg	27.4	31.3	35.8	14.2	14.4	Oreg	8.5	12.9	14.5	51.8	12.4
Calif	24.1	30.5	35.0	26.6	14.8	Calif	18.1	19.0	19.8	5.0	4.2
Alaska	37.2	62.6	69.6	68.3	11.2	Alaska	9.1	7.2	14.0	-20.9	94.4
Hawaii	26.9	35.6	40.0	32.3	12.4	Hawaii	10.4	10.9	9.8	4.8	-10.1

Sources: U.S. Department of Commerce, Bureau of the Census, Census of Governments, 1967, 1972, and 1977; and authors' calculations.

State and Local Government Employment,
Per 10,000 Population

Other and Unallocable

	Employment (Per 10,000 Population)			Percent Change in Employment	
	1967	1972	1977	1967-72	1972-77
U.S.	13.5	19.9	25.1	47.4%	26.1%
NE:					
Maine	9.1	20.4	20.1	124.2	-1.5
NH	15.5	19.3	24.0	24.5	24.4
Vt	14.3	22.0	24.9	53.8	13.2
Mass	15.4	21.5	30.0	39.6	39.5
RI	16.1	26.3	34.1	63.4	29.7
Conn	12.4	20.2	25.3	62.9	25.2
MA:					
NY	18.0	25.4	28.2	41.1	11.0
NJ	13.0	19.0	34.6	46.2	82.1
Pa	14.0	19.1	22.2	36.4	16.2
ENC:					
Ohio	12.1	17.8	24.3	47.1	36.5
Ind	7.6	10.6	18.3	39.5	72.6
Ill	10.8	21.4	21.0	98.1	-1.9
Mich	11.6	14.3	21.1	23.3	47.6
Wis	13.9	16.7	19.3	20.1	15.6
WNC:					
Minn	15.7	21.8	20.7	38.9	-5.0
Iowa	10.2	15.2	17.9	49.0	17.8
Mo	8.2	11.9	13.4	45.1	12.6
N Dak	13.6	20.3	21.9	49.3	7.9
S Dak	19.0	21.2	24.3	11.6	14.6
Nebr	14.0	38.8	46.9	177.1	20.9
Kans	12.9	19.3	26.5	49.6	37.3
SA:					
Del	12.2	22.8	34.7	86.9	52.2
Md	13.3	19.3	31.4	45.1	62.7
DC	33.2	61.5	43.3	85.2	-29.6
VA	14.4	22.0	26.0	52.8	18.2
W Va	12.4	18.0	20.5	45.2	13.9
NC	9.7	15.4	27.0	58.8	75.3
SC	6.1	15.9	18.6	160.7	17.0
Ga	6.3	10.7	23.8	69.8	122.4
Fla	14.6	26.6	24.0	82.2	-9.8
ESC:					
Ky	7.7	10.8	25.0	40.3	131.5
Tenn	7.5	14.8	25.6	97.3	73.0
Ala	8.9	13.1	17.0	47.2	29.8
Miss	7.7	10.5	15.8	36.4	50.5
WSC:					
Ark	5.3	9.4	14.2	77.4	51.1
La	12.8	17.9	22.0	39.8	22.9
Okla	10.5	19.2	23.9	82.9	24.5
Tex	10.3	14.4	15.5	39.8	7.6
MT:					
Mont	16.2	27.1	29.0	67.3	7.0
Idaho	14.8	24.3	26.2	64.2	7.8
Wyo	15.1	18.7	21.8	23.8	16.6
Colo	10.9	14.5	21.6	33.0	49.0
N Mex	14.3	21.2	28.6	48.3	34.9
Ariz	12.1	20.3	34.4	67.8	69.5
Utah	10.5	18.9	18.6	80.0	-1.6
Nev	24.3	35.5	36.4	46.1	2.5
PAC:					
Wash	15.5	23.9	23.6	54.2	-1.3
Oreg	16.0	21.7	29.1	35.6	34.1
Calif	22.3	28.3	33.8	26.9	19.4
Alaska	48.4	83.1	90.3	71.7	8.7
Hawaii	19.9	38.4	71.5	93.0	86.2

Sources: U.S. Department of Commerce, Bureau of
the Census, Census of Governments,
1967, 1972, and 1977; and authors'
calculations.

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 Hee-yeon Lee, Department of Geography, University of Minnesota. Assisting were James D. Fitzsimmons, Barbara J. VanDrasek, and Gregory Chu, all 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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Medtronic, Inc., and Member of the Minnesota Business Partnership;

Clyde Allen, Commissioner, Minnesota Department of Revenue;

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