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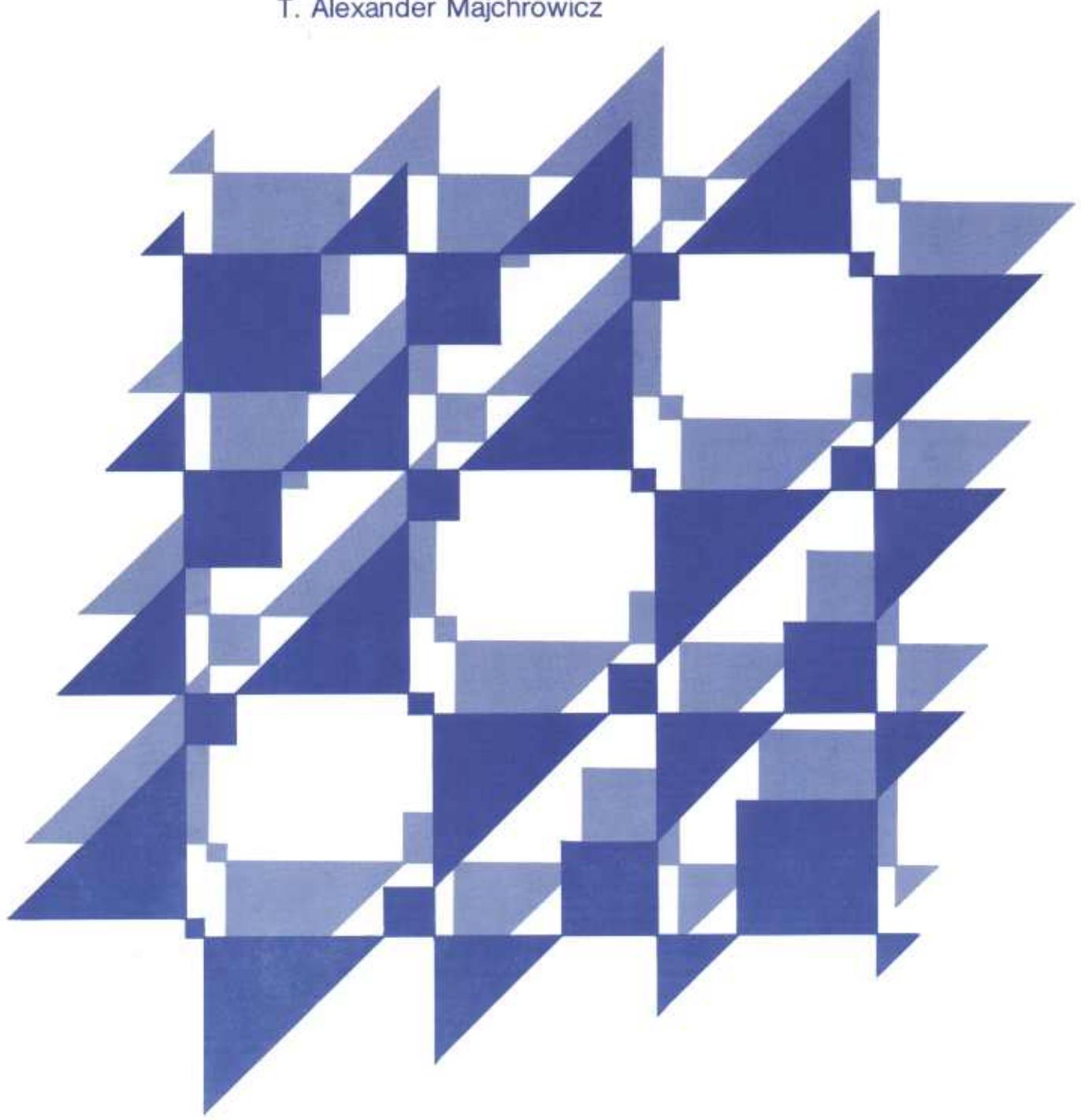
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# Patterns of Change in the Rural Economy, 1969-86

T. Alexander Majchrowicz



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**Patterns of Change in the Rural Economy, 1969-86.** By T. Alexander Majchrowicz. Agriculture and Rural Economy Division, Economic Research Service, U.S. Department of Agriculture. Rural Development Research Report No. 73.

### **Abstract**

Rural employment and earnings have grown unevenly since 1969, following the general ups and downs of the U.S. economy. Nonmetro employment and earnings growth was strongest in the early 1970's, increasing at faster rates than in metro counties. But more recently, nonmetro counties have underperformed metro counties, declining more in the two recessions during 1979-82 and expanding less in the recovery that followed. Nonmetro growth was strongest in the West and weakest in the Midwest. Nonmetro counties that have attracted retirees have had more employment and earnings growth, both in service- and goods-producing industries, than those counties dependent on other economic bases.

**Keywords:** Nonmetro county, metro county, adjacent and nonadjacent nonmetro counties, employment, unemployment, earnings, recession, recovery.

### **Acknowledgments**

This report is based on data compiled by Glenn Immer, ERS Data Services Center. Martha Frederick developed the appendix tables, and Tonya Sullivan prepared the manuscript for publication.

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## Summary

Rural areas experienced fairly rapid growth in employment and earnings per worker during the early 1970's but, after declining in the two recessions during 1979-82, expanded slower in the mid-1980's. The annual growth rate in nonmetro employment and earnings per worker peaked in 1973. During the recent recovery, nonmetro employment increased moderately each year, but earnings per worker rose only in 1984 and 1986.

Compared with metro counties, employment and earnings in nonmetro counties grew faster through the mid-1970's but more recently have not performed as well. Each year during the 1979-82 recessions, nonmetro employment and earnings fell 0.5 percent and 3.5 percent, while metro employment grew 0.5 percent and earnings dropped 0.9 percent. Employment and earnings in nonmetro counties improved only half as fast as in metro counties during the 1982-86 recovery.

The nonmetro unemployment rate has exceeded the metro rate since 1978. The margin between the nonmetro and metro unemployment rates widened to 2.6 percentage points in 1986 before improving slightly in 1987.

Changes in nonmetro counties varied based on their regional location, urban population, ties to metro areas, and economic activities. Regional growth in nonmetro employment was above the overall nonmetro average in the West and below average in the Midwest during 1969-86. In most regions during 1982-86, nonmetro counties adjacent to metro counties had significantly higher rates of employment growth than did nonadjacent counties. These differences were largest in the West and Midwest. Employment in the Northeast region's nonadjacent nonmetro counties grew faster than employment in its adjacent nonmetro counties.

Employment and earnings grew faster in nonmetro counties that have attracted retirees, particularly in industries that provide services to the elderly, than in counties dependent on other economic activities. Counties attracting retirees also had strong growth in goods-producing industries, with much of the gain tied to increased construction.

## Glossary

**Earnings.** The sum of wages and salaries, other labor income, and proprietor's income.

**Real earnings--**The value of past earnings adjusted to the current year. In this report, earnings are expressed in 1986 dollars by using the implicit price deflator for personal consumption expenditures.

**Earnings per worker--**Total earnings in an industry divided by the total number of employees in that industry.

**Industries.** Business activities classified by 1-digit Standard Industrial Codes.

**Goods-producing industries--**Farming; mining; construction; manufacturing; and the combined category of agricultural services, forestry, fishing, and other industries.

**Service-producing industries--**Transportation and public utilities; wholesale and retail trade; finance, insurance, and real estate; services; and Federal, State, and local government enterprises.

**Metro.** Metropolitan Statistical Areas (MSA's) defined as of June 1986 by the U.S. Office of Management and Budget. Includes core counties containing a city of 50,000 or more people, or containing several smaller cities totaling 50,000 or more people and a total area population of at least 100,000. Additional contiguous counties are included in the MSA if they are economically and socially integrated with the core county.

**Nonmetro.** Areas that are not in MSA's.

**Urbanized adjacent counties--**Nonmetro counties with urban populations of at least 20,000 and adjacent to an MSA. An urban place is defined as any place with a population of 2,500 or more. Adjacency is defined as both touching an MSA at more than one point and having at least 2 percent of its labor force commuting into the central county of the MSA for work.

**Urbanized nonadjacent counties--**Nonmetro counties with urban populations of at least 20,000 and not adjacent to an MSA.

**Less urbanized adjacent counties--**Nonmetro counties with urban populations of 2,500-19,999 and adjacent to an MSA.

**Less urbanized nonadjacent counties--**Nonmetro counties with urban populations of 2,500-19,999 and not adjacent to an MSA.

**Totally rural adjacent counties--**Nonmetro counties with less than 2,500 urban residents and adjacent to an MSA.

**Totally rural nonadjacent counties--**Nonmetro counties with less than 2,500 urban residents and not adjacent to an MSA.

**Farming-dependent or agricultural counties**--Nonmetro counties in which farming contributed a weighted annual average of 20 percent or more of the total labor and proprietor income over the 5-year period 1975-79.

**Manufacturing-dependent counties**--Nonmetro counties in which manufacturing contributed 30 percent or more of total labor and proprietor income in 1979.

**Mining-dependent counties**--Nonmetro counties in which mining contributed 20 percent or more of the total labor and proprietor income in 1979.

**Federal land counties**--Nonmetro counties in which the Federal Government owned 33 percent or more of the land in 1977.

**Specialized government counties**--Nonmetro counties in which government activities contributed 25 percent or more of the total labor and proprietor income in 1979.

**Persistent poverty counties**--Nonmetro counties in which per capita family income was in the lowest quintile in 1950, 1959, 1969, and 1979.

**Destination retirement counties**--Nonmetro counties in which net immigration rates of people aged 60 and older for 1970-80 were 15 percent or more of the expected 1980 population aged 60 and over.

**Other counties**--Nonmetro counties that do not fit into any of the above categories.

**Regions.** Geographic areas defined by the U.S. Bureau of the Census.

**Northeast**--Connecticut, District of Columbia, Maine, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, and Vermont.

**Midwest**--Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin.

**South**--Alabama, Arkansas, Delaware, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, and West Virginia.

**West**--Alaska, Arizona, California, Colorado, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming.

# Patterns of Change in the Rural Economy, 1969-86

T. Alexander Majchrowicz\*

## Introduction

Rural employment and earnings have grown unevenly since 1969, following the general ups and downs of the U.S. economy. The rural economy was strongest during 1969-73. By 1973, the annual employment growth rate had peaked near 4 percent, and growth in earnings per worker had surpassed 7 percent (figs. 1 and 2).

The rural economy's performance has since been less robust and more erratic. During the 1974-75 economic downturn, employment growth first slowed and then sharply declined. Earnings per worker also fell precipitously, especially in goods-producing industries. The rural economy improved again during 1976-79, when employment grew modestly and earnings per worker increased slightly. However, back-to-back recessions in 1980 and 1981-82 arrested rural growth, and employment and earnings per worker suffered their worst declines of the period. Conditions improved during the current recovery that began after 1982, when the rural economy showed moderate growth in employment and some gains in earnings per worker.

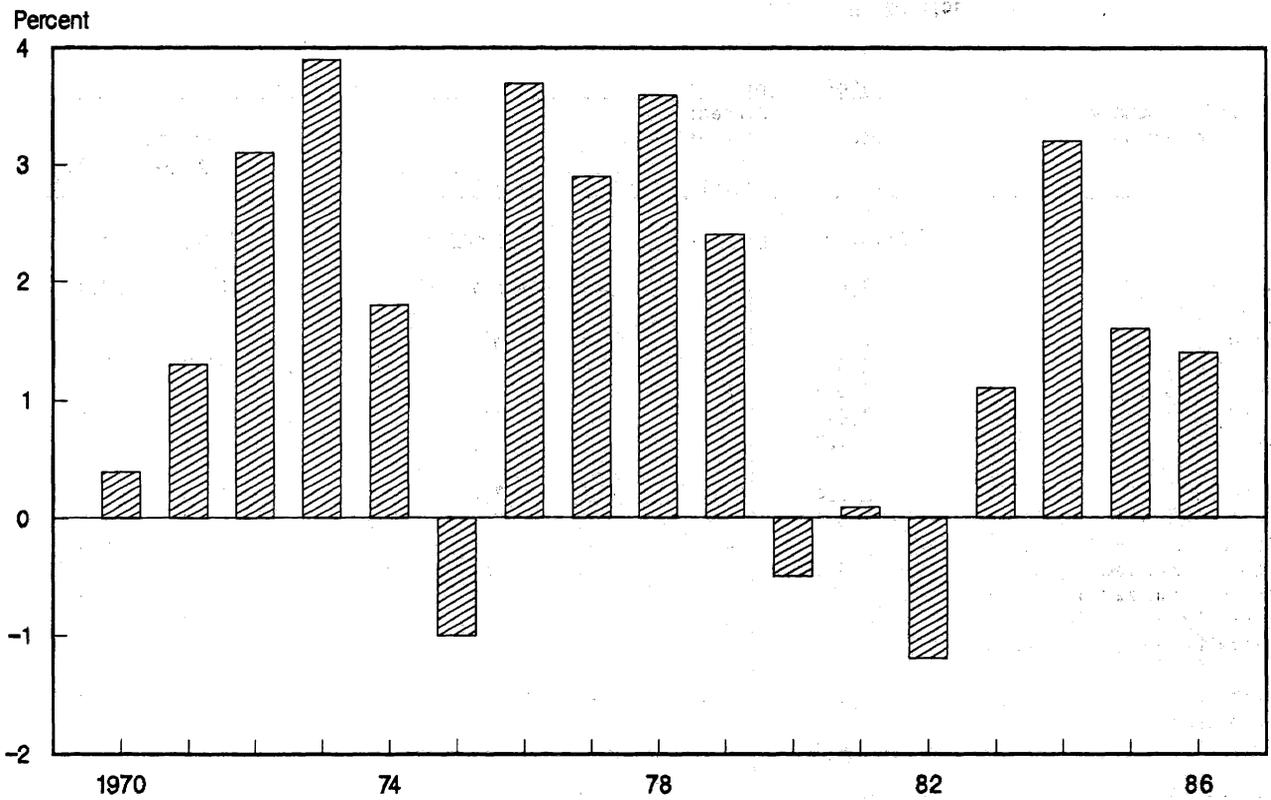
These overall growth trends in rural America mask considerable performance variation between nonmetro and metro counties or among nonmetro counties differing by region, proximity to metropolitan areas, or industrial mix. This report sheds new light on recent economic trends in rural areas by analyzing changes in county data on labor force, employment, unemployment, and income from the Bureau of Economic Analysis (BEA), U.S. Department of Commerce, and the Bureau of Labor Statistics (BLS), U.S. Department of Labor. This report expands on information about the performance differences of nonmetro areas provided in Employment and Earnings in Nonmetro Industry, 1979-86.<sup>1</sup> The earlier report was based on preliminary regional estimates of employment and earnings for metro and nonmetro portions of States

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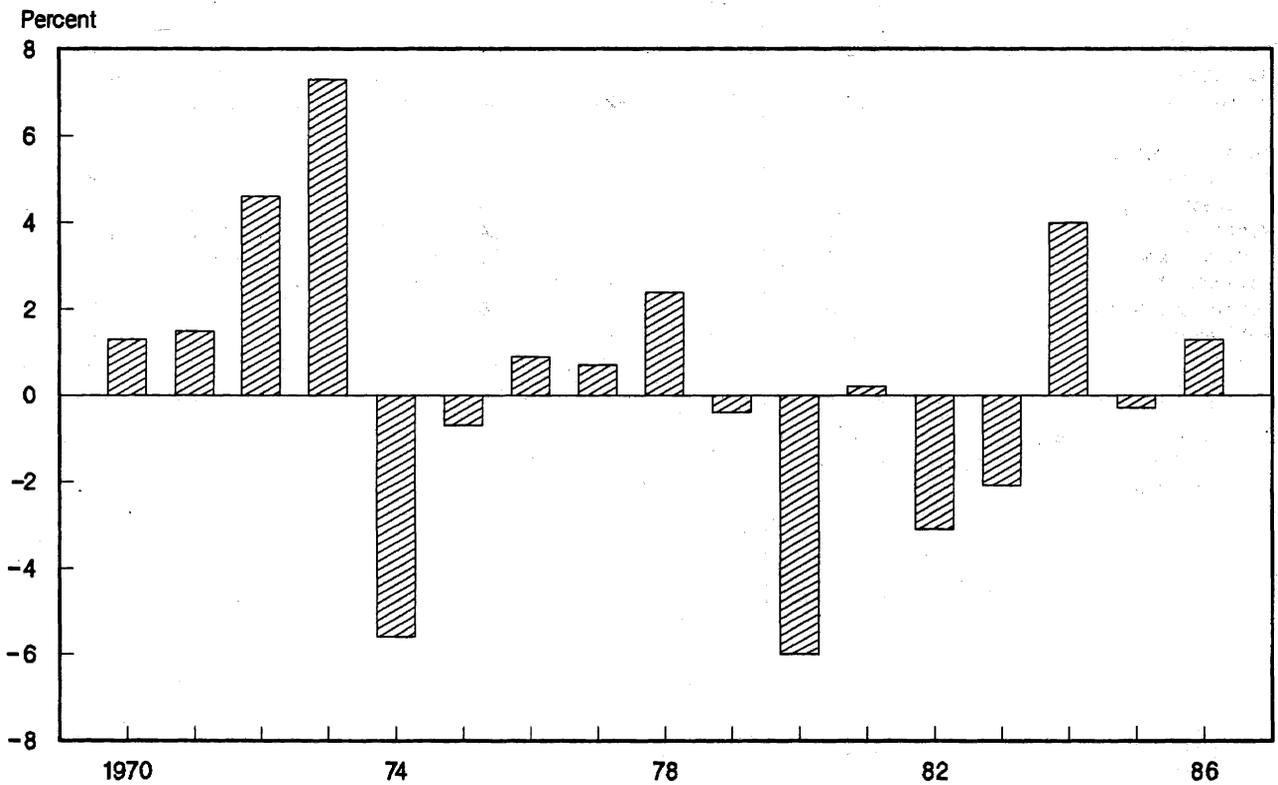
<sup>1</sup> Majchrowicz, T. Alexander, and Linda M. Ghelfi. Employment and Earnings in Nonmetro Industry, 1979-86. AIB-552. U.S. Dept. Agr., Econ. Res. Serv., Nov. 1988.

Figure 1  
**Annual change in nonmetro employment<sup>1</sup>**



1/ Change from previous year.

Figure 2  
**Annual change in nonmetro earnings per worker<sup>1, 2</sup>**



1/ Earnings expressed in 1986 dollars.  
 2/ Change from previous year.

and provided a general view of the conditions and trends in rural America.

The employment and earnings estimates in this analysis are based on BEA county data for 1969-86, the latest period for which county-level employment and earnings data by industry were available. Such county-level data permit comparisons of employment and earnings changes between nonmetro and metro areas and among nonmetro areas with different economic and demographic bases and linkages to metro areas. The BEA data also enable us to look at these changes by major industries. Appendix tables 1-24 detail data for metro and nonmetro portions of regions, groups of metro and nonmetro counties, and types of nonmetro counties defined by principal economic base.

### Nonmetro Growth Differs From Metro Growth

Nationally, nonmetro counties grew faster than metro counties in the early 1970's but have since fallen behind. Nonmetro counties suffered more in the two recessions during 1979-82, and benefited less from the 1982-86 recovery, than did metro counties (table 1).

### Comparisons of Nonmetro to Metro Growth by Industry

The rapid nonmetro growth in the 1970's was partly attributable to national manufacturing firms that opened branch plants in rural communities and also to booming construction activities. During 1969-79, construction employment in nonmetro counties increased 4 percent per year, and manufacturing employment rose 1.7 percent annually. These gains exceeded metro employment increases of 2.5 percent in construction and 0.2 percent in manufacturing (app. tables 6 and 7).

Economic activity was depressed much more severely in nonmetro than in metro counties during the 1979-82 recessions. The faster decline in nonmetro employment and earnings growth was widespread

Table 1--Nonmetro and metro employment and earnings growth

Item	Average annual change		
	1969-79	1979-82	1982-86
	<u>Percent</u>		
Nonmetro:			
Employment	2.2	-0.5	1.8
Real earnings <u>1/</u>	3.4	-3.5	2.5
Metro:			
Employment	2.2	.5	3.2
Real earnings <u>1/</u>	2.7	-.9	4.4

1/ Earnings expressed in 1986 dollars.

among both goods- and service-producing industries (table 2). Rural manufacturing was hurt by increased international competition, caused partly by rising U.S. dollar values against foreign currencies from 1979 through the mid-1980's. The stronger dollar decreased import costs and increased U.S. export prices, which reduced demand for U.S. manufactured goods. Consequently, growth slowed in rural manufacturing industries producing goods that compete with imports.

Other rural industries, particularly those based on natural resources, experienced similar setbacks. Agriculture, which prospered in the early 1970's, suffered substantially in the early 1980's, due to declines in exports, income, and farmland values. Employment and earnings in mining surged in the late 1970's, as high world energy prices increased domestic production and exploration. Mining plummeted after 1981, as increased international energy supplies and stable demand sharply decreased energy prices and prices for some metals declined. Earnings per worker in nonmetro goods-producing industries peaked at 81.2 percent of average earnings for metro goods producers in 1973, then dropped to 74.1 percent in 1979. By 1982, these earnings had fallen to 67.6 percent of the average earnings for metro goods producers (fig. 3).

Nonmetro service-producing industries, which contributed to much of the nonmetro employment growth in the early and mid-1970's, began to expand more slowly than metro service-producing industries after 1978. The nonmetro share of U.S. employment in service-producing industries, which remained constant at about 18.5 percent during 1969-78, had fallen to 18 percent by the end of 1982 (fig. 4). Earnings per worker in nonmetro service-producing industries also declined compared with metro earnings because of the types of jobs created. The nonmetro jobs created typically have required less skills and have paid lower wages than jobs in metro service-producing industries.

The recent economic recovery benefited nonmetro counties less than metro counties. Nonmetro employment and earnings growth in

Table 2--Employment and earnings in nonmetro and metro industries, 1979-82

Industry	Average annual change			
	Employment		Real earnings <sup>1/</sup>	
	Nonmetro	Metro	Nonmetro	Metro
	<u>Percent</u>			
Goods-producing	-2.8	-2.7	-6.4	-3.4
Farming and mining	-.8	2.9	-8.5	1.8
Construction	-3.5	-3.2	-7.4	-5.5
Manufacturing	-4.2	-3.4	-4.9	-3.3
Service-producing	.9	1.6	-1.1	.4

<sup>1/</sup> Earnings expressed in 1986 dollars.

Figure 3

### Nonmetro earnings per worker as a percentage of metro earnings per worker

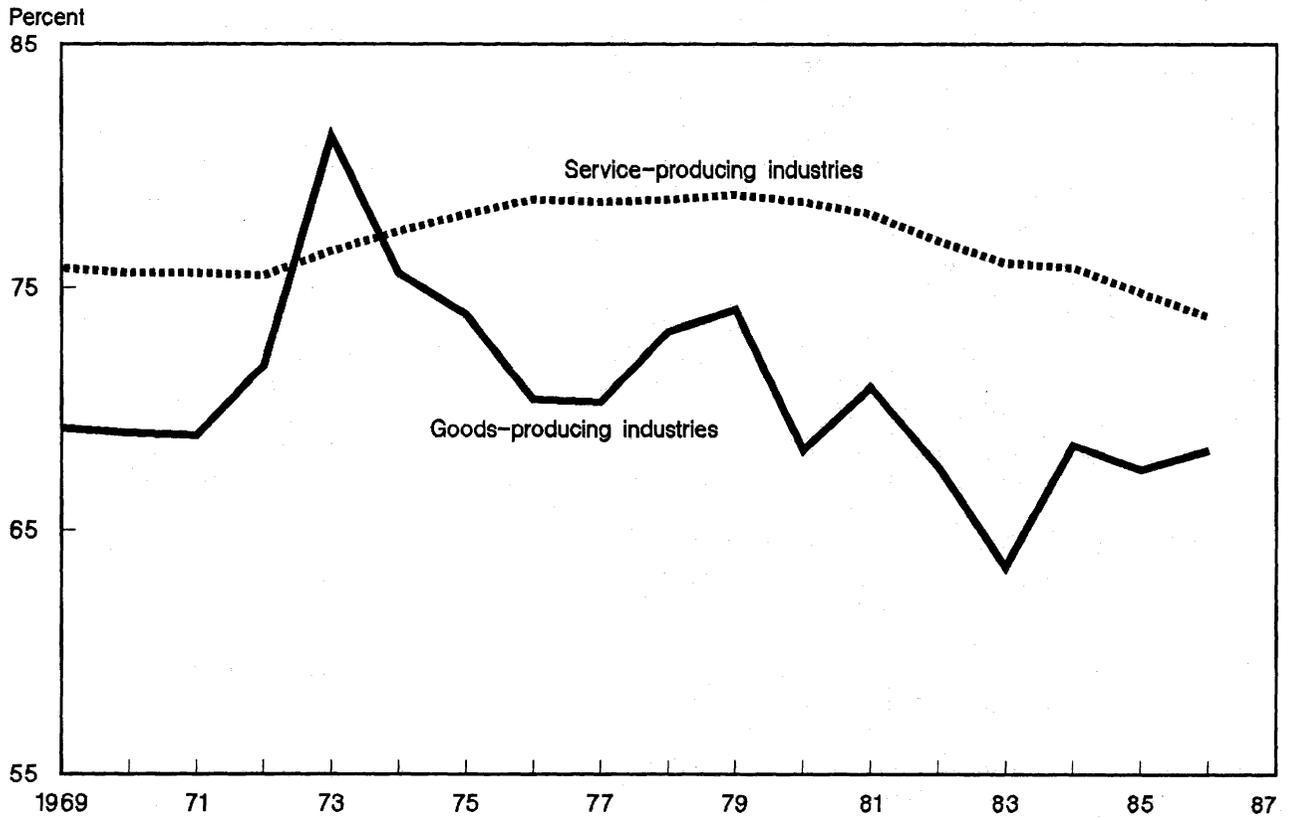
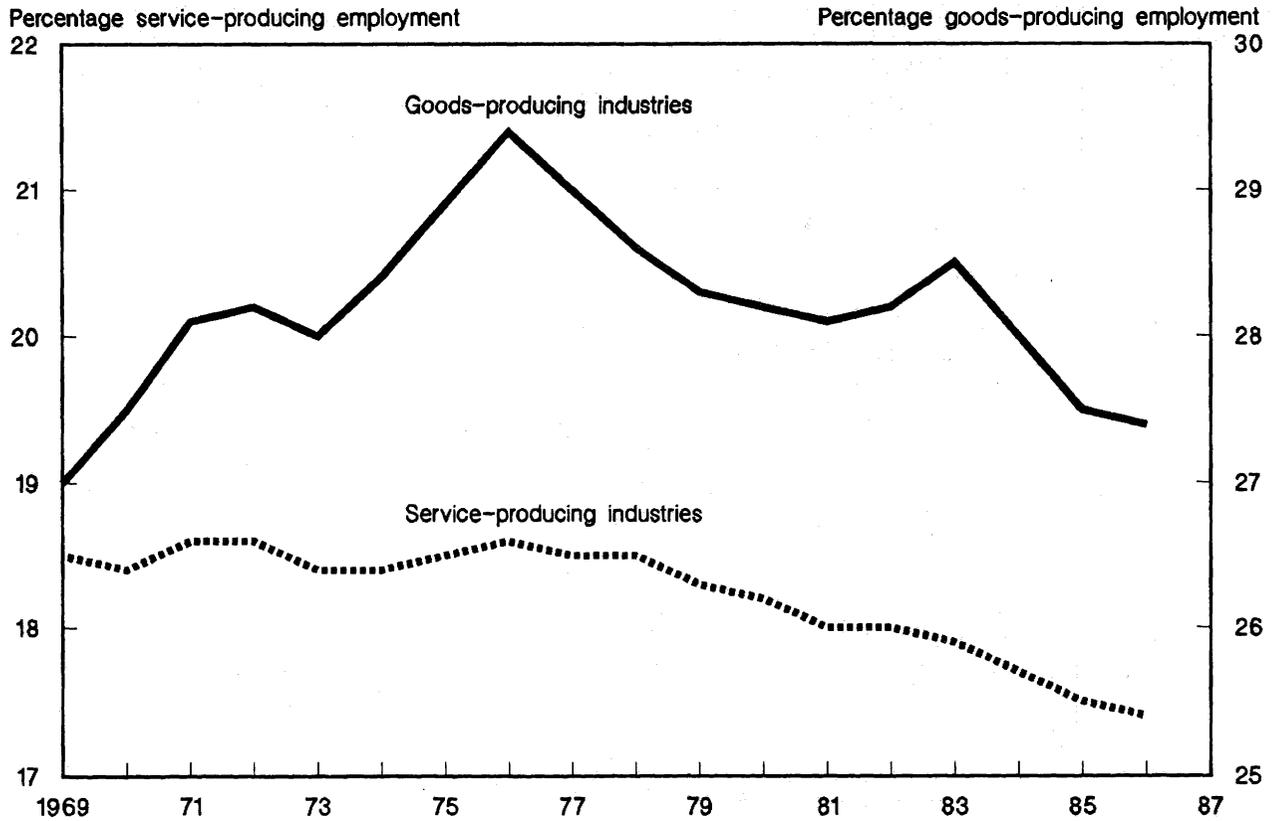


Figure 4

### Nonmetro percentage of total goods- and service-producing employment



both goods- and service-producing industries lagged their metro counterparts (table 3). Among goods-producing industries, only manufacturing improved more rapidly in nonmetro than in metro counties, partly aided by a lower U.S. dollar value against foreign currencies. The importance of nonmetro service-producing industries continued to decline relative to metro service-producing industries. The nonmetro share of total service-producing employment slipped from 18 percent in 1982 to 17.4 percent in 1986, possibly because nonmetro counties lack the businesses to support the same growth in service-sector jobs as in metro counties (fig. 4). As a result of both the relative deficiency in nonmetro service-producing industries and the typically lower wage jobs created, nonmetro earnings per worker in service-producing industries fell from 78.8 percent of the metro average in 1979 to 76.9 percent in 1982, and to 73.8 percent in 1986 (fig. 3).

Sluggish employment growth in rural areas after the mid-1970's caused the nonmetro unemployment rate to exceed the metro rate during 1978-87 (app. table 24). The nonmetro unemployment rate, more than 0.5 percentage point lower than the metro rate in 1976, had risen to about 2 percentage points higher than the metro rate by 1982-83 (fig. 5). As U.S. economic activity began to pick up after 1983, the nonmetro unemployment rate dropped, but the decline in nonmetro counties was smaller and less persistent than in metro counties. The difference between the nonmetro and metro rates widened to 2.6 percentage points in 1986 before narrowing slightly in 1987. However, in 1987, the nonmetro unemployment rate was still 1.8 percentage points higher than it was in 1979, while the metro unemployment rate had returned to its 1979 level.

### Regional Comparisons of Nonmetro to Metro Growth

Differences in economic performance between nonmetro and metro counties were more pronounced among regions than for the Nation as a whole. Nonmetro counties in all regions except the South

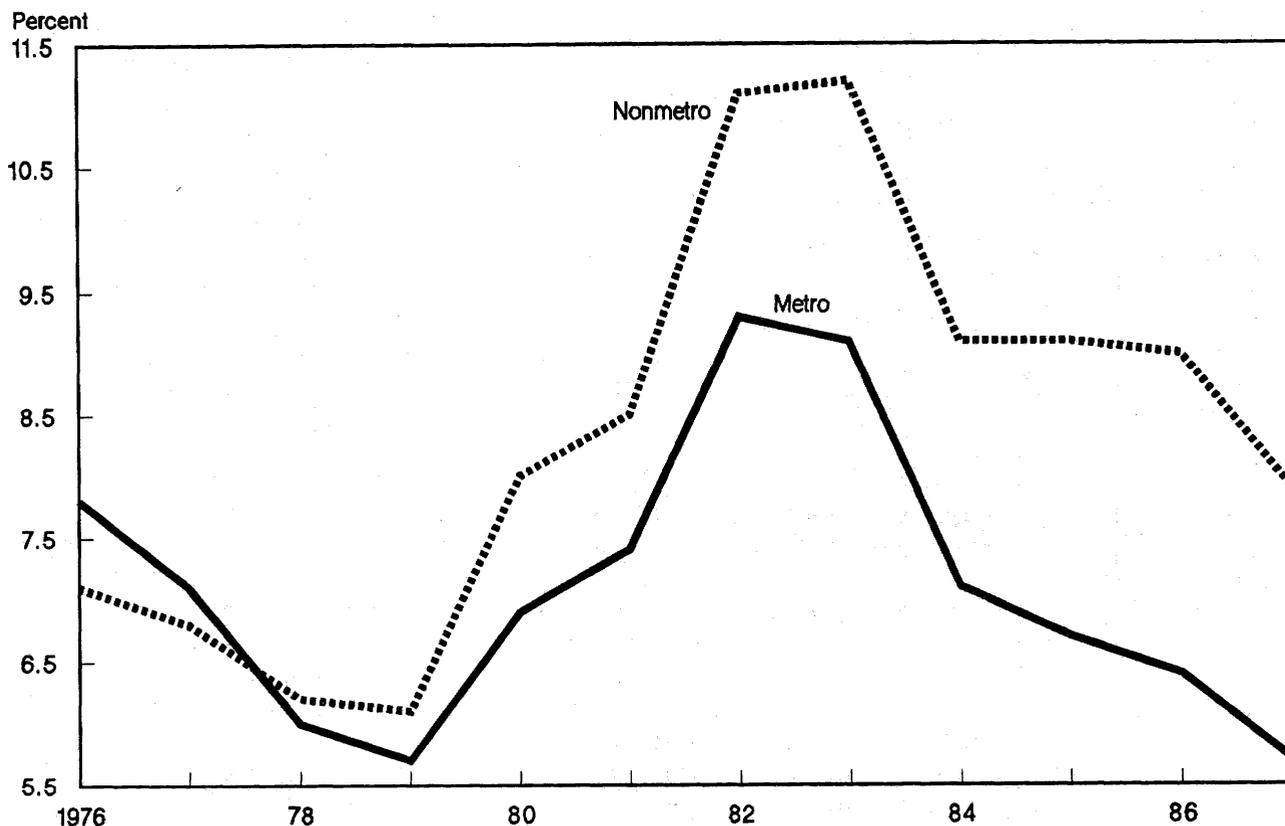
Table 3--Industry recovery in nonmetro and metro areas, 1982-86

Industry	<u>Average annual change</u>			
	<u>Employment</u>		<u>Real earnings 1/</u>	
	Nonmetro	Metro	Nonmetro	Metro
	<u>Percent</u>			
Goods-producing	0.3	1.3	1.6	2.4
Farming and mining	-2.1	.1	-.3	-.4
Construction	3.0	6.4	2.4	6.3
Manufacturing	1.4	--	2.4	1.6
Service-producing	2.7	3.8	3.2	5.3

-- = None or negligible.

1/ Earnings expressed in 1986 dollars.

Figure 5

**Nonmetro and metro unemployment rates, 1976-87**

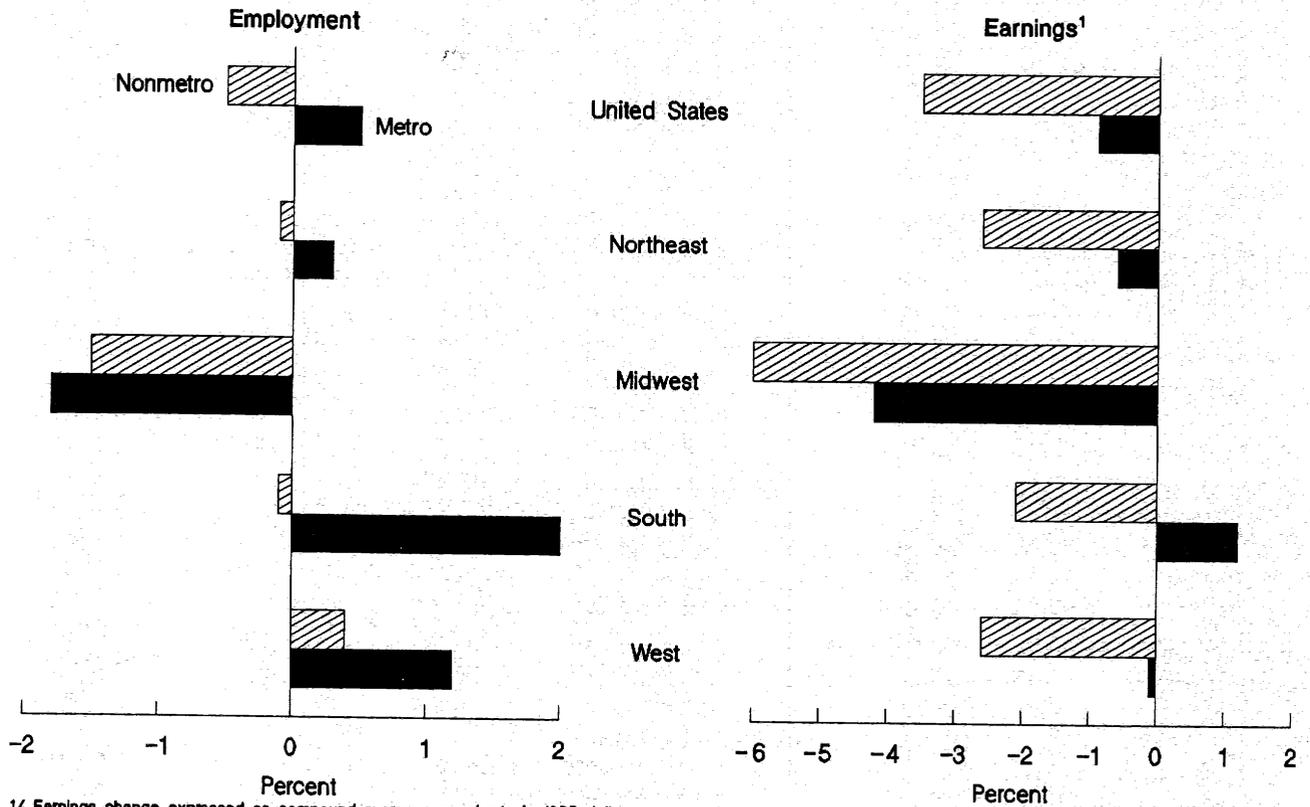
had more rapid employment and earnings growth than did metro counties during 1969-79 (app. tables 3 and 12). The difference between nonmetro and metro employment growth rates was largest in the Northeast, at 0.8 percent, and nonmetro earnings growth most exceeded metro earnings growth in the West, by 1 percent. During the 1979-82 recessions, nonmetro counties generally fared worse than metro counties in all regions, with the largest nonmetro disadvantage appearing in the South (fig. 6). While the South's metro employment increased 2 percent annually and earnings rose 1.2 percent per year, nonmetro employment and earnings fell 0.1 and 2.1 percent each year. Metro counties in all regions continued to outperform nonmetro counties during the 1982-86 economic recovery, with the largest metro advantage in employment and earnings growth rates occurring in the South and West (fig. 7).

#### **Growth Varies Within Nonmetro Counties**

Just as nonmetro counties performed differently than did metro counties, some nonmetro counties did better than others. In this section, employment data are analyzed to first describe national variations among groups of nonmetro counties classified by their urban population and their adjacency or nonadjacency to metro areas (see glossary). The analysis of employment change among county groups is then expanded to regions. Next, regional employment change among types of nonmetro counties based on their

Figure 6

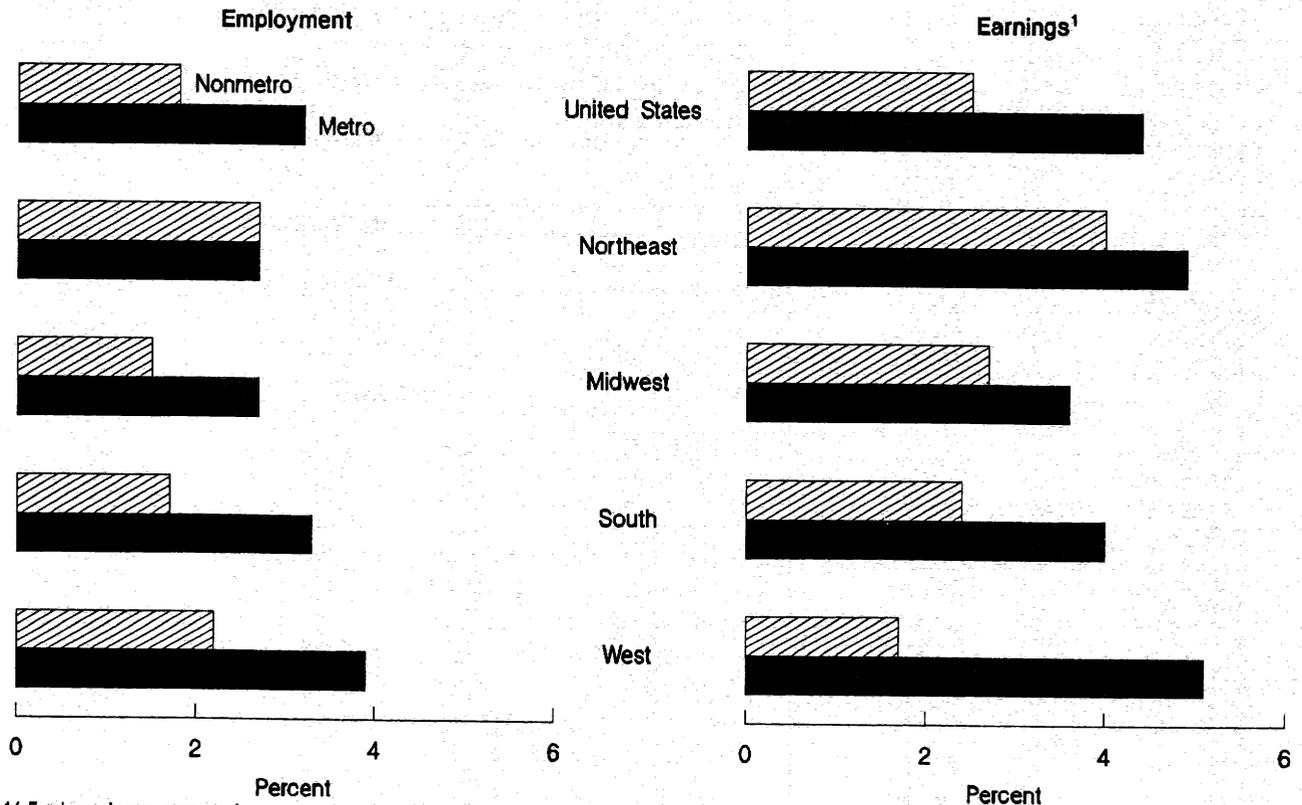
**Regional employment and earnings changes, 1979-82**



1/ Earnings change expressed as compound average annual rate in 1986 dollars.

Figure 7

**Regional employment and earnings changes, 1982-86**



1/ Earnings change expressed as compound average annual rate in 1986 dollars.



except the Midwest. Counties in the faster growing West experienced the highest average annual increases, with adjacent and nonadjacent urbanized counties growing the quickest at more than 4 percent per year. Expansion was slowest in the nonmetro Northeast, but its totally rural counties performed well.

1979-82. The Midwest suffered the most during the recessions (table 5). Employment in midwestern nonmetro counties adjacent to metro areas fell more quickly than employment in nonadjacent counties, with the fastest decline occurring in the more urbanized nonmetro counties. In the South, employment in nonadjacent counties declined, while employment in adjacent

Table 5--Employment change in groups of nonmetro counties, by region, 1969-86

Region and county type	Average annual change		
	1969-79	1979-82	1982-86
	<u>Percent</u>		
Northeast	1.6	-0.1	2.7
Urbanized adjacent	1.5	-.1	2.8
Urbanized nonadjacent	1.2	-.3	3.9
Less urbanized adjacent	1.8	-.3	2.0
Less urbanized nonadjacent	1.7	-.2	2.6
Totally rural adjacent	2.7	.6	4.2
Totally rural nonadjacent	2.5	.7	4.6
Midwest	1.8	-1.5	1.5
Urbanized adjacent	1.5	-2.5	1.7
Urbanized nonadjacent	1.8	-1.2	1.2
Less urbanized adjacent	1.8	-1.6	1.9
Less urbanized nonadjacent	2.1	-1.1	1.4
Totally rural adjacent	1.8	-1.4	1.8
Totally rural nonadjacent	1.3	-1.1	.8
South	2.2	-.1	1.7
Urbanized adjacent	2.3	.5	2.3
Urbanized nonadjacent	2.1	-.3	2.0
Less urbanized adjacent	2.3	--	1.7
Less urbanized nonadjacent	2.1	-.4	1.4
Totally rural adjacent	2.3	.1	1.3
Totally rural nonadjacent	1.8	-.6	1.7
West	3.9	.4	2.2
Urbanized adjacent	4.3	-.2	3.6
Urbanized nonadjacent	4.1	-.2	1.7
Less urbanized adjacent	3.9	.7	3.7
Less urbanized nonadjacent	3.6	.7	1.2
Totally rural adjacent	2.9	2.6	3.1
Totally rural nonadjacent	4.1	2.2	1.4

-- = None or negligible.

counties was stable or slightly higher. Totally rural counties in the West and Northeast outperformed other counties in their region.

1982-86. Nonmetro adjacent counties in the West grew at a rate two to three times faster than nonadjacent nonmetro counties, a performance partly tied to spillover from the strong 3.9 percent average annual growth in the metro West (table 5 and app. table 3). The recovery in the Midwest was also better in adjacent than nonadjacent counties. The slowest rate of increase among county groups in all regions was in the Midwest's totally rural nonadjacent counties, which grew less than 1 percent per year. Nonadjacent counties performed better than adjacent counties in the Northeast, the only region to experience this pattern of growth during 1982-86. As in previous periods, the Northeast's totally rural counties outperformed its other county groups.

### **Changes in Nonmetro Counties Classified by Economic Base**

Employment in counties dependent on Federal lands and retirement activities grew faster than employment in counties with other economic bases during 1969-86. At the same time, employment in manufacturing- and farming-dependent counties grew slower and fell quicker than employment in counties with other economic bases.

1969-79. Nonmetro counties dependent on Federal lands, mining, and retirement activities had the fastest employment growth, while manufacturing- and farming-dependent counties experienced relatively slow growth (fig. 8). Much of the growth in counties dependent on retirement and Federal lands resulted from rapid expansion of service-producing industries. Employment in these industries rose 4.0-4.5 percent per year, compared with only 2.7 percent growth in services for all nonmetro counties (app. table 8). Retirement- and mining-dependent counties, both adjacent and nonadjacent to metro areas, had the fastest employment growth in all regions, especially in the West (table 6).

1979-82. Employment declined fastest in manufacturing-dependent counties during the recession, falling 1.5 percent per year (app. table 3). While both adjacent and nonadjacent manufacturing counties in all regions experienced employment losses, the rate of decline was especially steep in the Midwest and West (table 6). Farming-dependent counties in the Midwest also lost employment more quickly than other regions. Among the types of nonmetro counties that grew, mining-dependent counties in the South and nonadjacent counties of the West increased most rapidly, as high energy prices spurred energy exploration and production.

1982-86. Nonmetro employment increased in the recovery but at a slower rate than during 1969-79 (fig. 8). Fastest growth, 3.4 percent per year, occurred in retirement counties. Counties dependent on manufacturing, Federal lands, and Government activities grew between 2.0 and 2.5 percent annually. Retirement- and Government-dependent counties had the highest

employment growth rates in both adjacent and nonadjacent nonmetro counties in all regions (table 6). Especially high rates of increase occurred in the nonmetro adjacent counties of the Northeast and West. Mining counties lost employment, as world energy prices slumped. Counties that are not adjacent to metro areas in the South and West had the steepest employment declines.

Table 6--Nonmetro employment change in adjacent and nonadjacent counties, by region and economic base

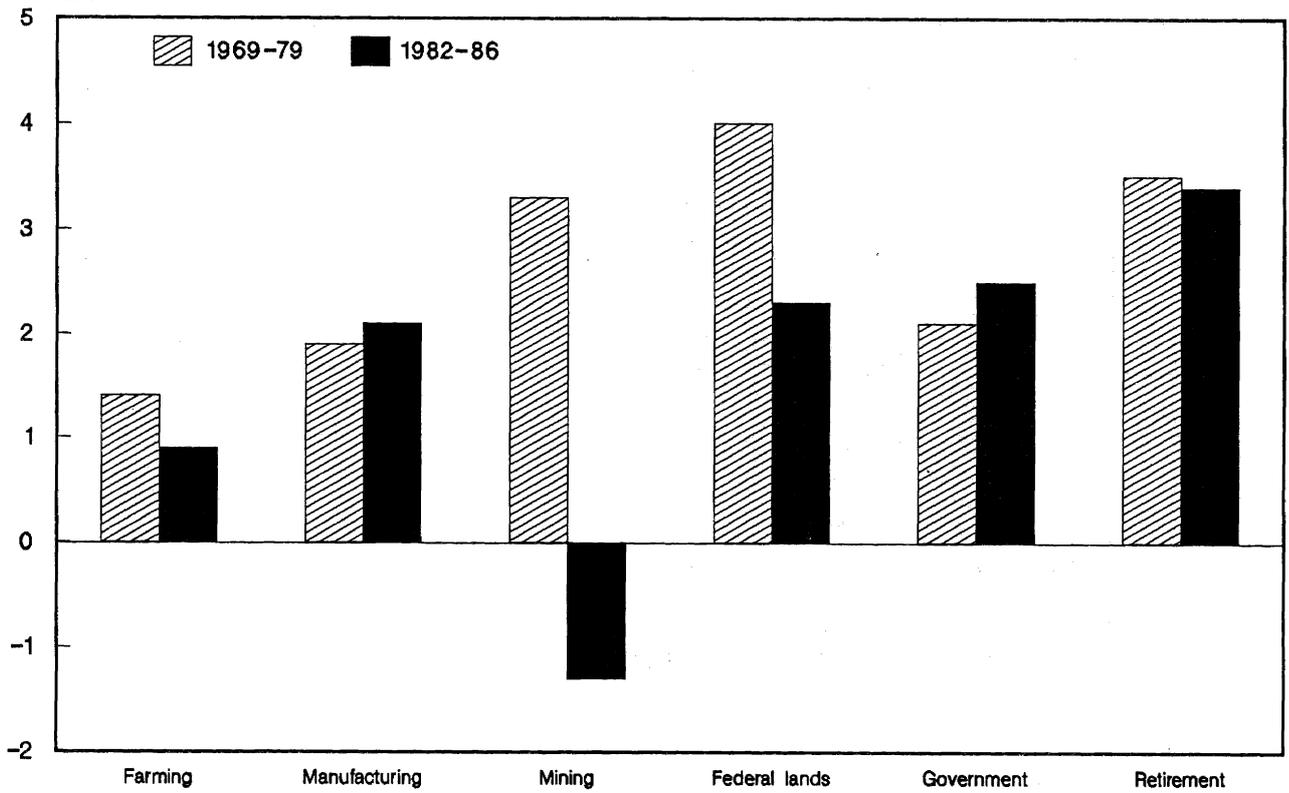
Region	Average annual change					
	Adjacent			Nonadjacent		
	1969-79	1979-82	1982-86	1969-79	1979-82	1982-86
	<u>Percent</u>					
United States	2.2	0.5	2.3	2.3	0.5	1.7
Farming	1.7	-.9	1.3	1.1	-.9	.6
Manufacturing	1.8	-1.5	2.1	2.0	-1.5	2.1
Mining	3.1	.8	-.7	3.4	1.2	-1.6
Government	2.2	.5	2.8	2.1	.2	2.3
Retirement	3.5	1.2	3.7	3.5	.4	3.0
Northeast	1.5	-.1	2.5	1.4	-.2	2.4
Farming	--	--	--	--	--	--
Manufacturing	1.2	-.8	1.8	1.1	-.7	1.8
Mining	3.3	-1.0	--	2.3	-2.0	.8
Government	1.2	1.2	3.2	1.1	-.4	2.7
Retirement	3.0	1.6	5.1	3.0	2.0	4.1
Midwest	1.6	-2.0	2.0	1.8	-1.3	1.5
Farming	1.3	-1.4	.6	1.1	-1.2	.4
Manufacturing	1.5	-2.5	2.2	1.9	-2.3	1.8
Mining	2.6	-2.9	-.1	2.7	.3	.6
Government	2.1	-.9	3.3	1.8	-.8	1.8
Retirement	2.4	-.2	3.2	3.2	-.5	3.0
South	2.4	.2	2.1	2.2	-.2	1.8
Farming	1.6	-.4	1.6	.7	-.6	.7
Manufacturing	2.1	-.9	2.1	2.0	-1.1	2.2
Mining	2.9	2.6	-1.5	3.0	.9	-1.8
Government	2.1	.6	2.2	1.9	.8	2.4
Retirement	3.3	1.4	3.2	3.2	.8	3.0
West	4.0	.2	3.6	3.5	-.1	1.5
Farming	3.0	-.3	2.3	2.1	-.6	1.2
Manufacturing	3.7	-1.8	2.3	3.0	-2.9	1.8
Mining	4.6	-1.8	1.8	4.5	2.2	-2.3
Government	3.4	.7	3.5	3.1	.6	2.7
Retirement	4.7	.9	4.6	4.7	--	2.9

-- = None or negligible.

Figure 8

**Employment growth in nonmetro counties classified by economic base, 1969-79 and 1982-86**

Percent



## Appendix Tables

Appendix table 1--Employment in goods- and service-producing industries, 1969-86

Year	United States			Metro			Nonmetro		
	Total	Goods	Services	Total	Goods	Services	Total	Goods	Services
Number									
1969	89,519,800	30,178,700	59,341,100	70,405,082	22,043,652	48,361,430	19,114,718	8,135,048	10,979,670
1970	89,752,500	29,250,100	60,502,400	70,562,270	21,207,414	49,354,856	19,190,230	8,042,686	11,147,544
1971	90,053,500	28,467,200	61,586,300	70,622,879	20,473,520	50,149,359	19,430,621	7,993,680	11,436,941
1972	92,773,000	29,228,300	63,544,700	72,741,158	20,987,457	51,753,701	20,031,842	8,240,843	11,790,999
1973	96,854,200	30,721,200	66,133,000	76,050,890	22,108,796	53,942,094	20,803,310	8,612,404	12,190,906
1974	98,528,600	30,825,800	67,702,800	77,351,706	22,081,314	55,270,392	21,176,894	8,744,486	12,432,408
1975	97,177,400	28,769,200	68,408,200	76,210,297	20,442,722	55,767,575	20,967,103	8,326,478	12,640,625
1976	99,859,600	29,695,100	70,164,500	78,122,813	20,977,187	57,145,626	21,736,787	8,717,913	13,018,874
1977	103,323,500	30,717,300	72,606,200	80,948,390	21,804,274	59,144,116	22,375,110	8,913,026	13,462,084
1978	108,091,600	32,138,000	75,953,600	84,902,401	22,962,581	61,939,820	23,189,199	9,715,419	14,013,780
1979	111,631,900	33,167,800	78,464,100	87,876,916	23,780,992	64,095,924	23,754,984	9,386,808	14,368,176
1980	112,256,700	32,309,900	79,946,800	88,616,664	23,188,252	65,428,412	23,640,036	9,212,648	14,518,388
1981	113,312,800	32,138,900	81,173,900	89,644,449	23,104,465	66,539,984	23,668,351	9,034,435	14,633,916
1982	112,565,400	30,505,700	82,059,700	89,173,952	21,895,377	67,278,575	23,391,448	8,610,323	14,781,125
1983	114,146,500	30,273,800	83,872,700	90,508,982	21,648,354	68,860,628	23,637,518	8,625,446	15,012,072
1984	119,485,200	31,769,200	87,716,000	95,080,544	22,871,171	72,209,373	24,404,656	8,898,029	15,506,627
1985	123,166,700	31,944,300	91,222,400	98,377,602	23,145,215	75,232,387	24,789,098	8,799,085	15,990,013
1986	126,169,400	31,780,900	94,388,500	101,021,228	23,058,825	77,962,403	25,148,172	8,722,075	16,426,097

Source: U.S. Department of Commerce, Bureau of Economic Analysis.

Appendix table 2--Earnings per worker in goods- and service-producing industries, 1969-86

Year	United States			Metro			Nonmetro		
	Total	Goods	Services	Total	Goods	Services	Total	Goods	Services
Current dollars									
1969	6,921	8,009	6,368	7,314	8,735	6,667	5,472	6,042	5,050
1970	7,329	8,424	6,799	7,747	9,209	7,119	5,790	6,352	5,385
1971	7,792	8,964	7,251	8,241	9,822	7,595	6,161	6,765	5,740
1972	8,348	9,703	7,725	8,799	10,543	8,092	6,709	7,566	6,111
1973	8,985	10,719	8,179	9,353	11,314	8,549	7,639	9,192	6,542
1974	9,565	11,409	8,726	10,006	12,258	9,106	7,956	9,263	7,037
1975	10,298	12,381	9,422	10,779	13,395	9,821	8,548	9,892	7,663
1976	11,133	13,321	10,208	11,693	14,589	10,629	9,123	10,270	8,355
1977	11,960	14,466	10,900	12,560	15,833	11,353	9,792	11,123	8,911
1978	12,924	15,776	11,717	17,083	17,199	12,199	10,743	12,503	9,590
1979	13,974	17,188	12,615	14,591	18,546	13,124	11,691	13,749	10,347
1980	15,011	18,537	13,586	15,767	20,358	14,139	12,179	13,906	11,094
1981	16,233	20,233	14,650	17,001	22,032	15,254	13,326	15,631	11,902
1982	17,030	21,130	15,505	17,917	23,258	16,179	13,645	15,716	12,438
1983	17,839	21,713	16,441	18,865	24,232	17,178	13,910	15,389	13,059
1984	18,813	23,212	17,220	19,787	25,462	17,990	15,018	17,429	13,635
1985	19,629	24,276	18,001	20,675	26,661	18,833	15,478	18,005	14,087
1986	20,398	25,296	18,749	21,484	27,706	19,644	16,036	18,924	14,503

Source: U.S. Department of Commerce, Bureau of Economic Analysis.

Appendix table 3--Total employment by type of county and region, 1986, and employment changes during 1969-79, 1979-82, and 1982-86

Type of county and region	1986 employment		Employment changes					
	Total	Percent- age of U.S. total	Total			Compound average annual rate		
			1969-79	1979-82	1982-86	1969-79	1979-82	1982-89
	Thousands	Percent	-----	Thousands	-----	-----	Percent	-----
U.S. total <sup>1/</sup>	126,169	100.0	22,112	934	13,604	2.2	0.3	2.9
Metro	101,021	80.1	17,472	1,297	11,847	2.2	.5	3.2
Greater core	40,607	32.2	4,663	295	4,050	1.4	.3	2.7
Greater fringe	20,431	16.2	4,910	705	3,383	3.6	1.4	4.6
Medium	28,559	22.6	5,460	193	3,344	2.5	.3	3.2
Lesser	11,425	9.1	2,439	104	1,070	2.8	.3	2.5
Nonmetro	25,148	19.9	4,640	-364	1,757	2.2	-.5	1.8
Urbanized adjacent	5,075	4.0	876	-85	466	2.1	-.6	2.4
Urbanized nonadjacent	4,201	3.3	862	-59	287	2.5	-.5	1.8
Less urbanized adjacent	6,184	4.9	1,113	-102	455	2.1	-.6	1.9
Less urbanized nonadjacent	7,065	5.6	1,348	-96	396	2.2	-.5	1.5
Totally rural adjacent	949	.8	174	-2	67	2.2	-.1	1.8
Totally rural nonadjacent	1,674	1.3	267	-19	85	1.8	-.4	1.3
Northeast	26,909	21.3	2,014	174	2,756	.9	.2	2.7
Nonmetro	2,588	2.1	345	-10	264	1.6	-.1	2.7
Metro	24,322	19.3	1,669	184	2,492	.8	.3	2.7
Midwest	30,709	24.3	4,527	-1,505	2,785	1.7	-1.7	2.4
Nonmetro	8,025	6.4	1,266	-351	472	1.8	-1.5	1.5
Metro	22,684	18.0	3,262	-1,154	2,313	1.7	-1.8	2.7
South	42,327	33.5	8,837	1,528	4,572	2.8	1.4	2.9
Nonmetro	10,753	8.5	1,936	-41	710	2.2	-.1	1.7
Metro	31,574	25.0	6,901	1,569	3,862	3.1	2.0	3.3
West	26,225	20.8	6,734	736	3,490	3.7	1.1	3.6
Nonmetro	3,783	3.0	1,093	39	311	3.9	.4	2.2
Metro	22,442	17.8	5,641	697	3,180	3.7	1.2	3.9
Type of nonmetro county:								
Agricultural	3,378	2.7	424	-89	117	1.4	-.9	.9
Manufacturing	9,852	7.8	1,594	-426	777	1.9	-1.5	2.1
Mining	1,545	1.2	435	50	-82	3.3	1.1	-1.3
Federal lands	2,205	1.7	647	20	194	4.0	.3	2.3
Government	3,375	2.7	578	30	323	2.1	.3	2.5
Persistent poverty	1,236	1.0	199	-24	76	1.9	-.7	1.6
Retirement	5,450	4.3	1,351	108	677	3.5	.8	3.4
Other	4,277	3.4	784	-72	227	2.1	-.6	1.4

<sup>1/</sup> Detail may not sum to total because of rounding.

Source: U.S. Department of Commerce, Bureau of Economic Analysis.

Appendix table 4--Total goods-producing employment by type of county and region, 1986, and employment changes during 1969-79, 1979-82, and 1982-86

Type of county and region	1986 employment		Employment changes					
	Total	Percent- age of U.S. total	Total			Compound average annual rate		
			1969-79	1979-82	1982-86	1969-79	1979-82	1982-86
	Thousands	Percent	-----	Thousands	-----	-----	Percent	-----
U.S. total <sup>1/</sup>	31,781	100.0	2,989	-2,662	1,275	0.9	-2.8	1.0
Metro	23,059	72.6	1,737	-1,886	1,163	.8	-2.7	1.3
Greater core	8,157	25.7	-207	-708	167	-.2	-2.8	.5
Greater fringe	4,831	15.2	750	-327	557	1.8	-2.4	3.1
Medium	7,182	22.6	706	-600	357	1.0	-2.8	1.3
Lesser	2,890	9.1	488	-251	82	1.8	-2.8	.7
Nonmetro	8,722	27.4	1,252	-776	112	1.4	-2.8	.3
Urbanized adjacent	1,623	5.1	171	-182	59	1.0	-3.6	.9
Urbanized nonadjacent	1,112	3.5	190	-130	7	1.7	-3.6	.2
Less urbanized adjacent	2,370	7.5	363	-197	43	1.6	-2.7	.5
Less urbanized nonadjacent	2,555	8.0	391	-203	1	1.5	-2.5	--
Totally rural adjacent	378	1.2	62	-27	4	1.7	-2.3	.3
Totally rural nonadjacent	684	2.2	75	-37	-4	1.1	-1.7	-1.1
Northeast	6,305	19.8	-630	-504	71	-.9	-2.6	.3
Nonmetro	791	2.5	37	-62	26	.5	-2.6	.9
Metro	5,515	17.4	-666	-442	45	-1.1	-2.6	.2
Midwest	8,540	26.9	261	-1,583	310	.3	-5.7	.9
Nonmetro	2,790	8.8	307	-372	42	1.0	-4.1	.4
Metro	5,750	18.1	-46	-1,211	268	-.1	-6.4	1.2
South	11,019	34.7	1,895	-317	359	1.9	-1.0	.8
Nonmetro	4,114	12.9	616	-266	24	1.5	-2.1	.1
Metro	6,905	21.7	1,279	-51	335	2.2	-.3	1.2
West	5,917	18.6	1,463	-259	535	3.0	-1.6	2.4
Nonmetro	1,028	3.2	292	-76	19	3.2	-2.4	.5
Metro	4,889	15.4	1,171	-182	516	3.0	-1.4	2.8
Type of nonmetro county:								
Agricultural	1,348	4.2	95	-111	-14	.7	-2.6	-.3
Manufacturing	4,066	12.8	459	-484	151	1.1	-3.8	1.0
Mining	542	1.7	194	-10	-127	3.4	-.5	-5.1
Federal lands	611	1.9	171	-54	23	3.1	-2.9	.9
Government	787	2.5	119	-46	35	1.6	-1.9	1.1
Persistent poverty	534	1.7	75	-27	13	1.5	-1.7	.6
Retirement	1,733	5.5	388	-88	113	2.6	-1.8	1.7
Other	1,306	4.1	189	-126	-6	1.4	-3.0	-1.1

-- = None or negligible.

<sup>1/</sup> Detail may not sum to total because of rounding.

Source: U.S. Department of Commerce, Bureau of Economic Analysis.

Appendix table 5--Farming and mining employment by type of county and region, 1986, and employment changes during 1969-79, 1979-82, and 1982-86

Type of county and region	1986 employment		Employment changes					
	Total	Percent- age of U.S. total	Total			Compound average annual rate		
			1969-79	1979-82	1982-86	1969-79	1979-82	1982-86
	Thousands	Percent	----	Thousands	----	----	Percent	----
U.S. total <sup>1/</sup>	5,644	100.0	597	130	-267	1.1	0.7	-1.1
Metro	2,569	45.5	485	210	6	2.3	2.9	.1
Greater core	553	9.8	142	101	9	4.0	7.1	.4
Greater fringe	512	9.1	89	27	40	2.3	2.0	2.1
Medium	943	16.7	167	45	-17	2.0	1.6	-.5
Lesser	561	9.9	86	37	-27	1.7	2.2	-1.2
Nonmetro	3,075	54.5	111	-80	-272	.3	-.8	-2.1
Urbanized adjacent	355	6.3	34	-10	-19	.9	-.9	-1.3
Urbanized nonadjacent	315	5.6	17	-6	-32	.5	-.6	-2.4
Less urbanized adjacent	842	14.9	26	-27	-73	.3	-1.0	-2.1
Less urbanized nonadjacent	993	17.6	36	-17	-101	.3	-.5	-2.4
Totally rural adjacent	183	3.2	--	-5	-13	--	-.9	-1.7
Totally rural nonadjacent	388	6.9	-2	-14	-33	--	-1.1	-2.0
Northeast	495	8.8	55	14	20	1.3	1.0	1.0
Nonmetro	160	2.8	16	4	-7	1.0	.9	-1.1
Metro	335	5.9	39	10	27	1.4	1.1	2.1
Midwest	1,624	28.8	73	-70	-40	.4	-1.4	-.6
Nonmetro	1,140	20.2	17	-60	-60	.1	-1.6	-1.3
Metro	484	8.6	55	-10	20	1.2	-.7	1.1
South	2,326	41.2	196	147	-244	.8	2.0	-2.5
Nonmetro	1,307	23.2	-9	-23	-174	-.1	-.5	-3.1
Metro	1,019	18.1	205	170	-70	2.6	5.8	-1.7
West	1,199	21.2	273	39	-31	2.7	1.1	--
Nonmetro	469	8.3	87	-2	-31	1.9	-.1	-1.6
Metro	730	12.9	186	41	29	3.4	2.0	1.0
Type of nonmetro county:								
Farming	814	14.4	-48	-57	-62	-.5	-2.1	-1.8
Manufacturing	867	15.4	-22	-41	-46	-.2	-1.5	-1.3
Mining	352	6.2	130	5	-107	3.4	.4	-6.4
Federal lands	251	4.4	47	-1	-22	1.9	-.1	-2.0
Government	278	4.9	6	-6	-12	.2	-.6	-1.1
Persistent poverty	214	3.8	-2	-10	-19	-.1	-1.4	-2.1
Retirement	583	10.3	74	2	-31	1.3	.1	-1.3
Other	516	9.1	-1	-2	-43	--	-.1	-2.0

-- = None or negligible.

<sup>1/</sup> Detail may not sum to total because of rounding.

Source: U.S. Department of Commerce, Bureau of Economic Analysis.

Appendix table 6--Construction employment by type of county and region, 1986, and employment changes during 1969-79, 1979-82, and 1982-86

Metro/nonmetro status and region	1986 employment		Employment changes					
	Total	Percent- age of U.S. total	Total			Compound average annual rate		
			1969-79	1979-82	1982-86	1969-79	1979-82	1982-86
	Thousands	Percent	----	Thousands	----	----	Percent	----
U.S. total <sup>1/</sup>	6,658	100.0	1,433	-556	1,316	2.8	-3.2	5.7
Metro	5,325	80.0	1,001	-420	1,167	2.5	-3.2	6.4
Greater core	1,850	27.8	168	-101	363	1.1	-2.2	5.6
Greater fringe	1,254	18.8	311	-104	364	3.8	-3.6	9.0
Medium	1,609	24.2	320	-140	360	2.7	-3.5	6.5
Lesser	612	9.2	202	-75	79	4.1	-4.3	3.5
Nonmetro	1,333	20.0	432	-135	149	4.0	-3.5	3.0
Urbanized adjacent	263	4.0	59	-31	56	2.9	-4.5	6.2
Urbanized nonadjacent	229	3.4	87	-38	32	4.7	-5.6	3.8
Less urbanized adjacent	336	5.1	120	-27	35	4.6	-2.9	2.8
Less urbanized nonadjacent	357	5.4	105	-29	17	3.4	-2.7	1.3
Totally rural adjacent	58	.9	29	-6	2	6.7	-3.4	.9
Totally rural nonadjacent	90	1.4	32	-4	7	4.7	-1.6	1.9
Northeast	1,290	19.4	-36	-6	335	-.4	-.2	7.8
Nonmetro	148	2.2	14	-7	43	1.4	-2.1	8.9
Metro	1,141	17.1	-51	1	292	-.6	--	7.7
Midwest	1,346	20.2	205	-273	214	1.6	-7.0	4.4
Nonmetro	356	5.3	102	-61	11	2.9	-5.3	.8
Metro	991	14.9	103	-212	203	1.1	-7.6	5.9
South	2,639	39.6	741	-106	448	4.0	-1.6	4.8
Nonmetro	614	9.2	204	-50	80	4.4	-2.9	3.6
Metro	2,024	30.4	537	-56	367	3.8	-1.1	5.1
West	1,383	20.8	523	-170	320	5.7	-4.8	6.8
Nonmetro	215	3.2	112	-17	14	7.4	-2.7	1.8
Metro	1,168	17.5	412	-152	305	5.3	-5.3	7.9
Type of nonmetro county:								
Agricultural	158	2.4	46	-15	9	3.3	-3.1	1.5
Manufacturing	476	7.1	107	-58	69	2.6	-4.3	4.0
Mining	86	1.3	41	2	-13	5.6	.6	-3.4
Federal lands	135	2.0	69	-15	16	7.5	-3.8	3.2
Government	170	2.5	52	-12	31	4.3	-2.8	5.2
Persistent poverty	67	1.0	20	6	3	4.4	3.6	1.3
Retirement	350	5.3	122	-17	71	5.5	-1.9	5.8
Other	230	3.5	98	-49	14	4.7	-6.6	1.6

-- = None or negligible.

<sup>1/</sup> Detail may not sum to total because of rounding.

Source: U.S. Department of Commerce, Bureau of Economic Analysis.

Appendix table 7--Manufacturing employment by type of county and region, 1986, and employment changes during 1969-79, 1979-82, and 1982-86

Type of county and region	1986 employment		Employment changes					
	Total	Percent- age of U.S. total	Total			Compound average annual rate		
			1969-79	1979-82	1982-86	1969-79	1979-82	1982-86
	Thousands	Percent	----	Thousands	----	----	Percent	----
U.S. total 1/	19,479	100.0	959	-2,236	226	0.5	-3.6	0.3
Metro	15,165	77.9	251	-1,675	-10	.2	-3.4	--
Greater core	5,754	29.5	-517	-708	-205	-.7	-3.7	-.9
Greater fringe	3,065	15.7	350	-250	153	1.2	-2.7	1.3
Medium	4,630	23.8	218	-504	14	.4	-3.4	.1
Lesser	1,717	8.8	200	-213	29	1.1	-3.9	.4
Nonmetro	4,314	22.1	708	-516	235	1.7	-4.2	1.4
Urbanized adjacent	1,006	5.2	78	-141	22	.7	-4.4	.6
Urbanized nonadjacent	569	2.9	87	-86	8	1.4	-4.6	.4
Less urbanized adjacent	1,191	6.1	217	-142	81	1.9	-3.9	1.8
Less urbanized nonadjacent	1,205	6.2	250	-157	85	2.2	-4.3	1.8
Totally rural adjacent	137	.7	32	-16	15	2.6	-4.0	3.0
Totally rural nonadjacent	206	1.1	44	-19	23	2.5	-3.2	3.0
Northeast	4,521	23.2	-648	-511	-283	-1.1	-3.3	-1.5
Nonmetro	483	2.5	7	-60	-9	.1	-3.7	-.5
Metro	4,038	20.7	-655	-452	-274	-1.3	-3.3	-1.6
Midwest	5,570	28.6	-17	-1,239	136	--	-6.6	.6
Nonmetro	1,294	6.6	187	-251	91	1.4	-6.1	1.8
Metro	4,276	21.9	-204	-989	45	-.4	-6.8	.3
South	6,054	31.1	957	-357	156	1.7	-1.9	.7
Nonmetro	2,193	11.3	421	-193	118	2.1	-2.9	1.4
Metro	3,862	19.8	537	-164	38	1.5	-1.4	.2
West	3,334	17.1	667	-128	217	2.3	-1.3	1.7
Nonmetro	344	1.8	93	-58	35	3.0	-5.5	2.8
Metro	2,990	15.4	573	-70	182	2.2	-.8	1.6
Type of nonmetro county:								
Farming	375	1.9	97	-39	39	3.0	-3.6	2.8
Manufacturing	2,723	14.0	374	-385	128	1.3	-4.5	1.2
Mining	104	.5	24	-17	-7	2.1	-4.5	-1.7
Federal lands	225	1.2	55	-39	28	2.7	-5.8	3.4
Government	340	1.7	61	-28	16	1.9	-2.7	1.2
Persistent poverty	253	1.3	56	-24	28	2.6	-3.3	3.0
Retirement	800	4.1	192	-74	73	2.8	-3.2	2.4
Other	560	2.9	92	-75	24	1.7	-4.3	1.1

-- = None or negligible.

1/ Detail may not sum to total because of rounding.

Source: U.S. Department of Commerce, Bureau of Economic Analysis.

Appendix table 8--Total service-producing employment by type of county and region, 1986, and employment changes during 1969-79, 1979-82, and 1982-86

Type of county and region	1986 employment		Employment changes					
	Total	Percent- age of U.S. total	Total			Compound average annual rate		
			1969-79	1979-82	1982-86	1969-79	1979-82	1982-86
	Thousands	Percent	----- Thousands	----- Thousands	----- Thousands	----- Percent	----- Percent	----- Percent
U.S. total <sup>1/</sup>	94,389	100.0	19,123	3,596	12,329	2.8	1.5	3.6
Metro	77,962	82.6	15,734	3,183	10,684	2.9	1.6	3.8
Greater core	32,450	34.4	4,870	1,003	3,882	2.0	1.2	3.2
Greater fringe	15,601	16.5	4,160	1,032	2,826	4.5	2.8	5.1
Medium	21,377	22.6	4,754	793	2,988	3.2	1.5	3.8
Lesser	8,535	9.0	1,951	355	988	3.2	1.6	3.1
Nonmetro	16,426	17.4	3,389	413	1,645	2.7	.9	2.7
Urbanized adjacent	3,452	3.7	705	97	408	2.8	1.1	3.2
Urbanized nonadjacent	3,089	3.3	672	71	280	2.9	.9	2.4
Less urbanized adjacent	3,815	4.0	750	95	412	2.6	.9	2.9
Less urbanized nonadjacent	4,510	4.8	956	107	395	2.8	.9	2.3
Totally rural adjacent	571	.6	112	25	63	2.7	1.7	3.0
Totally rural nonadjacent	990	1.0	193	18	88	2.5	.7	2.4
Northeast	20,604	21.8	2,644	678	2,685	1.7	1.3	3.6
Nonmetro	1,797	1.9	308	52	238	2.3	1.1	3.6
Metro	18,807	19.9	2,335	626	2,447	1.6	1.3	3.5
Midwest	22,169	23.5	4,266	78	2,475	2.5	.1	3.0
Nonmetro	5,235	5.5	959	21	430	2.3	.1	2.2
Metro	16,934	17.9	3,307	57	2,045	2.6	.1	3.3
South	31,308	33.2	6,942	1,845	4,213	3.3	2.4	3.7
Nonmetro	6,639	7.0	1,320	225	686	2.7	1.3	2.8
Metro	24,669	26.1	5,622	1,620	3,527	3.5	2.7	3.9
West	20,308	21.5	5,271	994	2,956	4.0	2.0	4.0
Nonmetro	2,755	2.9	801	115	292	4.3	1.6	2.8
Metro	17,553	18.6	4,470	879	2,664	3.9	2.0	4.2
Type of nonmetro county:								
Farming	2,030	2.2	328	21	131	1.9	.4	1.7
Manufacturing	5,786	6.1	1,135	58	626	2.5	.4	2.9
Mining	1,003	1.1	241	60	45	3.2	2.2	1.1
Federal lands	1,593	1.7	476	74	171	4.5	1.8	2.9
Government	2,588	2.7	459	76	287	2.3	1.1	3.0
Persistent poverty	702	.7	124	3	63	2.2	.2	2.4
Retirement	3,717	3.9	963	196	564	4.0	2.2	4.2
Other	2,971	3.1	595	53	232	2.5	.7	2.1

<sup>1/</sup> Detail may not sum to total because of rounding.

Source: U.S. Department of Commerce, Bureau of Economic Analysis.

Appendix table 9--Wholesale and retail trade employment by type of county and region, 1986, and employment changes during 1969-79, 1979-82, and 1982-86

Type of county and region	1986 employment		Employment changes					
	Total	Percent- age of U.S. total	Total			Compound average annual rate		
			1969-79	1979-82	1982-86	1969-79	1979-82	1982-86
	Thousands	Percent	----	Thousands	----	----	Percent	----
U.S. total <sup>1/</sup>	26,900	100.0	5,947	401	3,093	3.0	0.6	3.1
Metro	22,098	82.1	4,764	383	2,725	2.9	.7	3.3
Greater core	8,655	32.2	1,150	1	834	1.6	--	2.6
Greater fringe	4,754	17.7	1,410	218	816	4.9	1.9	4.8
Medium	6,234	23.2	1,516	108	821	3.4	.7	3.6
Lesser	2,455	9.1	688	57	254	3.9	.9	2.8
Nonmetro	4,802	17.9	1,183	17	368	3.2	.1	2.0
Urbanized adjacent	1,017	3.8	249	12	119	3.4	.4	3.1
Urbanized nonadjacent	891	3.3	249	4	69	3.7	.2	2.0
Less urbanized adjacent	1,122	4.2	255	-1	94	2.9	--	2.2
Less urbanized nonadjacent	1,353	5.0	338	2	69	3.1	.1	1.3
Totally rural adjacent	147	.5	30	1	11	2.5	.3	1.9
Totally rural nonadjacent	272	1.0	62	--	6	2.7	-.1	.6
Northeast	5,730	21.3	651	30	713	1.4	.2	3.4
Nonmetro	522	1.9	107	7	72	2.8	.5	3.8
Metro	5,207	19.4	544	23	641	1.3	.2	3.3
Midwest	6,689	24.9	1,308	-224	579	2.3	-1.2	2.3
Nonmetro	1,579	5.9	356	-50	52	2.6	-1.1	.8
Metro	5,110	19.0	952	-174	527	2.3	-1.2	2.8
South	8,993	33.4	2,362	433	1,128	3.9	1.9	3.4
Nonmetro	1,968	7.3	476	39	195	3.3	.7	2.6
Metro	7,025	26.1	1,886	394	933	4.1	2.3	3.6
West	5,488	20.4	1,626	161	673	4.4	1.1	3.3
Nonmetro	733	2.7	244	21	50	4.7	1.1	1.8
Metro	4,755	17.7	1,382	140	623	4.3	1.2	3.6
Type of nonmetro county:								
Farming	599	2.2	124	-15	-6	2.3	-.8	-.3
Manufacturing	1,813	6.7	401	-23	186	2.8	-.5	2.7
Mining	288	1.1	85	12	-5	3.7	1.4	-.4
Federal lands	423	1.6	146	13	27	4.9	1.1	1.7
Government	612	2.3	163	16	67	3.8	1.0	3.0
Persistent poverty	189	.7	45	-5	13	2.9	-1.0	1.8
Retirement	1,081	4.0	306	48	149	4.3	1.8	3.8
Other	880	3.3	213	-9	38	2.9	-.4	1.1

-- = None or negligible.

<sup>1/</sup> Detail may not sum to total because of rounding.

Source: U.S. Department of Commerce, Bureau of Economic Analysis.

Appendix table 10--Government services employment by type of county and region, 1986, and employment changes during 1969-79, 1979-82, and 1982-86

Type of county and region	1986 employment		Employment changes					
	Total	Percent- age of U.S. total	Total			Compound average annual rate		
			1969-79	1979-82	1982-86	1969-79	1979-82	1982-86
	Thousands	Percent	----- Thousands	-----	-----	----- Percent	-----	
U.S. total 1/	19,612	100.0	2,462	20	1,048	1.4	--	1.4
Metro	15,373	78.4	1,897	18	856	1.4	--	1.4
Greater core	5,834	29.7	538	-49	352	1.0	-.3	1.6
Greater fringe	2,795	14.3	425	13	132	1.8	.2	1.2
Medium	4,589	23.4	674	12	249	1.7	.1	1.4
Lesser	2,155	11.0	260	42	123	1.4	.7	1.5
Nonmetro	4,239	21.6	565	2	192	1.5	--	1.2
Urbanized adjacent	885	4.5	102	2	42	1.3	.1	1.2
Urbanized nonadjacent	844	4.3	83	8	35	1.1	.3	1.1
Less urbanized adjacent	963	4.9	149	-3	46	1.8	-.1	1.2
Less urbanized nonadjacent	1,102	5.6	171	-4	47	1.8	-.1	1.1
Totally rural adjacent	167	.9	30	3	7	2.1	.7	1.1
Totally rural nonadjacent	278	1.4	29	-3	14	1.2	-.4	1.3
Northeast	3,661	18.7	276	-116	175	.8	-1.1	1.2
Nonmetro	402	2.1	20	-6	19	.5	-.5	1.2
Metro	3,259	16.6	256	-110	156	.8	-1.2	1.2
Midwest	4,290	21.9	524	-129	204	1.3	-1.0	1.2
Nonmetro	1,251	6.4	75	-30	57	.6	-.8	1.2
Metro	3,039	15.5	449	-99	147	1.6	-1.1	1.2
South	7,361	37.5	1,098	182	401	1.8	.9	1.4
Nonmetro	1,822	9.3	318	31	69	2.1	.6	1.0
Metro	5,539	28.2	780	151	332	1.7	1.0	1.6
West	4,299	21.9	564	83	268	1.6	.7	1.6
Nonmetro	764	3.9	152	7	47	2.4	.3	1.6
Metro	3,536	18.0	412	76	222	1.4	.8	1.6
Type of nonmetro county:								
Farming	539	2.7	43	-8	21	.8	-.5	1.0
Manufacturing	1,347	6.9	223	-13	49	1.9	-.3	.9
Mining	264	1.3	45	8	13	2.1	1.1	1.2
Federal lands	435	2.2	96	4	22	2.7	.3	1.3
Government	1,020	5.2	73	4	43	.8	.1	1.1
Persistent poverty	222	1.1	42	-4	7	2.1	-.5	.8
Retirement	885	4.5	179	10	64	2.5	.4	1.9
Other	704	3.6	89	-1	31	1.4	--	1.1

-- = None or negligible.

1/ Detail may not sum to total because of rounding.

Source: U.S. Department of Commerce, Bureau of Economic Analysis.

Appendix table 11--Other service-producing employment by type of county and region, 1986, and employment changes during 1969-79, 1979-82, and 1982-86

Type of county and region	1986 employment		Employment changes					
	Total	Percent- age of U.S. total	Total			Compound average annual rate		
			1969-79	1979-82	1982-86	1969-79	1979-82	1982-86
	Thousands	Percent	-----	Thousands	-----	-----	Percent	----
U.S. total <sup>1/</sup>	47,877	100.0	10,714	3,175	8,188	3.5	2.8	4.8
Metro	40,492	84.6	9,074	2,781	7,103	3.6	2.9	4.9
Greater core	17,961	37.5	3,182	1,052	2,696	2.6	2.4	4.1
Greater fringe	8,052	16.8	2,324	801	1,878	5.8	4.7	6.9
Medium	10,554	22.0	2,564	673	1,917	4.0	2.7	5.1
Lesser	3,925	8.2	1,003	256	611	4.1	2.7	4.3
Nonmetro	7,385	15.4	1,641	394	1,086	3.3	2.2	4.1
Urbanized adjacent	1,549	3.2	354	83	247	3.5	2.2	4.4
Urbanized nonadjacent	1,354	2.8	340	59	176	3.7	1.7	3.5
Less urbanized adjacent	1,730	3.6	346	99	271	3.0	2.4	4.4
Less urbanized nonadjacent	2,055	4.3	447	110	279	3.2	2.2	3.7
Totally rural adjacent	257	.5	53	21	45	3.3	3.5	4.9
Totally rural nonadjacent	440	.9	101	22	68	3.5	2.0	4.3
Northeast	11,213	23.4	1,717	763	1,797	2.2	2.9	4.5
Nonmetro	872	1.8	182	51	147	3.2	2.5	4.7
Metro	10,341	21.6	1,535	712	1,650	2.2	2.9	4.4
Midwest	11,190	23.4	2,435	432	1,691	3.2	1.6	4.2
Nonmetro	2,406	5.0	528	101	321	3.1	1.7	3.6
Metro	8,784	18.3	1,907	331	1,371	3.2	1.5	4.3
South	14,954	31.2	3,482	1,230	2,685	3.9	3.6	5.1
Nonmetro	2,849	6.0	526	155	423	2.7	2.2	4.1
Metro	12,105	25.3	2,956	1,075	2,262	4.2	3.9	5.3
West	10,520	22.0	3,080	750	2,015	5.2	3.1	5.5
Nonmetro	1,258	2.6	405	87	196	5.5	2.9	4.3
Metro	9,262	19.3	2,676	663	1,819	5.1	3.2	5.6
Type of nonmetro county:								
Farming	892	1.9	162	44	117	2.5	2.0	3.6
Manufacturing	2,626	5.5	510	94	390	2.8	1.4	4.1
Mining	451	.9	111	40	37	3.6	3.4	2.1
Federal lands	735	1.5	234	57	122	5.6	3.3	4.6
Government	956	2.0	223	56	177	3.8	2.5	5.2
Persistent poverty	291	.6	37	12	43	1.7	1.7	4.0
Retirement	1,751	3.7	478	138	351	4.9	3.5	5.8
Other	1,387	2.9	293	63	164	3.0	1.8	3.2

<sup>1/</sup> Detail may not sum to total because of rounding.

Source: U.S. Department of Commerce, Bureau of Economic Analysis.

Appendix table 12--Total earnings by type of county and region, 1986, and earnings changes during 1969-79, 1979-82, and 1982-86

Type of county and region	1986 earnings		Earnings changes					
	Total	Percent- age of U.S. total	Total 1/			Compound average annual rate 2/		
			1969-79	1979-82	1982-86	1969-79	1979-82	1982-86
	Million dollars	Percent	---- Million dollars ----			---- Percent ----		
U.S. total 3/	2,573,620	100.0	940,397	356,984	656,683	2.8	-1.3	4.1
Metro	2,170,338	84.3	767,273	315,536	572,572	2.7	-.9	4.4
Greater core	968,973	37.7	323,564	147,085	247,752	1.9	-.6	4.1
Greater fringe	432,836	16.8	150,591	60,994	137,246	3.9	-.5	6.4
Medium	562,076	21.8	208,847	78,376	143,137	3.1	-1.3	4.1
Lesser	206,453	8.0	84,271	29,081	44,437	3.7	-1.6	2.8
Nonmetro	403,282	15.7	173,124	41,448	84,111	3.4	-3.5	2.5
Urbanized adjacent	86,930	3.4	34,975	8,948	19,954	2.8	-3.4	3.2
Urbanized nonadjacent	71,317	2.8	31,335	8,929	13,273	3.8	-2.6	1.8
Less urbanized adjacent	96,416	3.7	41,102	9,256	21,180	3.4	-3.8	2.9
Less urbanized nonadjacent	110,188	4.3	48,798	11,176	21,402	3.5	-3.7	2.1
Totally rural adjacent	14,120	.5	6,113	1,281	3,150	3.6	-4.0	3.0
Totally rural nonadjacent	24,311	.9	10,800	1,857	5,151	3.4	-4.7	2.6
Northeast	600,607	23.3	183,543	87,475	165,706	1.1	-.7	4.8
Nonmetro	43,363	1.7	15,421	5,004	10,913	1.8	-2.6	4.0
Metro	557,244	21.7	168,123	82,471	154,793	1.0	-.6	4.9
Midwest	620,025	24.1	247,344	47,761	146,245	2.3	-4.6	3.4
Nonmetro	127,384	4.9	56,146	5,944	27,243	2.7	-6.0	2.7
Metro	492,641	19.1	191,198	41,817	119,001	2.2	-4.2	3.6
South	795,287	30.9	301,363	137,237	193,162	4.1	.4	3.7
Nonmetro	167,472	6.5	71,264	22,276	34,088	3.9	-2.1	2.4
Metro	627,814	24.4	230,099	114,961	159,074	4.1	1.2	4.0
West	557,701	21.7	208,147	84,510	151,570	4.1	-.4	4.7
Nonmetro	65,063	2.5	30,294	8,224	11,866	4.9	-2.6	1.7
Metro	492,638	19.1	177,853	76,287	139,704	3.9	-.1	5.1
Type of nonmetro county:								
Farming	50,391	2.0	22,331	1,629	11,067	2.6	-6.6	2.9
Manufacturing	162,631	6.3	67,390	13,426	37,398	2.8	-4.3	3.2
Mining	28,427	1.1	15,788	5,926	-162	5.6	-.5	-3.4
Federal lands	35,895	1.4	16,788	4,076	6,984	4.9	-3.1	2.1
Government	53,516	2.1	20,860	7,106	12,408	3.1	-1.9	3.3
Persistent poverty	16,254	.6	6,976	1,807	3,455	3.7	-3.1	2.7
Retirement	82,417	3.2	33,446	9,701	21,940	4.4	-2.4	4.5
Other	67,102	2.6	29,760	7,064	12,575	3.5	-3.5	1.9

1/ Expressed in current dollars.

2/ Expressed in 1986 dollars.

3/ Detail may not sum to total because of rounding.

Source: U.S. Department of Commerce, Bureau of Economic Analysis.

Appendix table 13--Earnings in all goods-producing industries by type of county and region, 1986, and earnings changes during 1969-79, 1979-82, and 1982-86

Type of county and region	1986 earnings		Earnings changes					
	Total	Percent- age of U.S. total	Total 1/			Compound average annual rate 2/		
			1969-79	1979-82	1982-86	1969-79	1979-82	1982-86
	Million dollars	Percent	-- Million dollars --			---- Percent ----		
U.S. total 3/	803,935	100.0	328,410	74,472	159,359	2.2	-4.0	2.2
Metro	638,876	79.5	248,501	68,207	129,623	1.9	-3.4	2.4
Greater core	247,520	30.8	88,725	30,290	44,361	.8	-2.8	1.6
Greater fringe	137,582	17.1	52,605	13,193	36,879	2.8	-3.5	4.6
Medium	185,857	13.1	75,496	18,900	37,319	2.3	-3.6	2.3
Lesser	67,917	8.4	31,676	5,824	11,064	3.3	-4.5	1.1
Nonmetro	165,059	20.5	79,909	6,265	29,736	3.3	-6.4	1.6
Urbanized adjacent	35,189	4.4	15,699	1,495	6,881	2.4	-6.2	2.1
Urbanized nonadjacent	23,447	2.9	12,141	1,228	3,178	3.8	-5.9	.3
Less urbanized adjacent	42,782	5.3	20,477	1,579	8,367	3.4	-6.4	2.1
Less urbanized nonadjacent	46,359	5.8	22,936	1,850	7,840	3.4	-6.4	1.3
Totally rural adjacent	6,110	.8	3,161	57	1,150	4.0	-7.5	1.9
Totally rural nonadjacent	11,172	1.4	5,494	55	2,321	3.4	-7.7	2.5
Northeast	174,395	21.7	56,664	20,993	33,800	--	-2.8	2.1
Nonmetro	16,591	2.1	6,452	1,353	3,316	1.4	-4.5	2.3
Metro	157,804	19.6	50,212	19,640	30,484	-.2	-2.6	2.0
Midwest	229,115	28.5	101,983	-4,166	48,702	1.6	-8.6	2.7
Nonmetro	54,650	6.8	26,864	-3,363	12,591	2.5	-10.2	3.3
Metro	174,465	21.7	75,120	-803	36,111	1.3	-8.1	2.5
South	240,137	29.9	103,610	37,176	40,686	3.8	-1.3	1.3
Nonmetro	71,992	9.0	34,227	7,289	11,235	3.8	-3.9	.9
Metro	168,145	20.9	69,383	29,887	29,452	3.8	-.1	1.5
West	160,287	19.9	66,153	20,469	36,171	3.8	-2.2	3.1
Nonmetro	21,826	2.7	12,367	987	2,595	5.0	-6.2	-.2
Metro	138,461	17.2	53,787	19,483	33,576	3.6	-1.4	3.7
Type of nonmetro county:								
Farming	23,224	2.9	11,290	-1,850	5,760	2.4	-10.9	3.9
Manufacturing	80,652	10.0	35,813	3,115	17,068	2.6	-6.3	2.6
Mining	13,046	1.6	9,161	2,823	-2,390	6.7	-1.5	-7.3
Federal lands	12,135	1.5	6,980	212	1,742	5.3	-7.2	.5
Government	13,794	1.7	6,271	732	2,918	3.2	-5.7	2.6
Persistent poverty	7,097	.9	3,310	599	1,280	3.7	-4.5	1.6
Retirement	29,964	3.7	13,780	1,876	7,150	4.4	-5.2	3.5
Other	23,191	2.9	12,128	304	3,611	3.5	-7.4	.9

-- = None or negligible.

1/ Expressed in current dollars.

2/ Expressed in 1986 dollars.

3/ Detail may not sum to total because of rounding.

Source: U.S. Department of Commerce, Bureau of Economic Analysis.

Appendix table 14--Earnings in farming and mining by type of county and region, 1986, and earnings changes during 1969-79, 1979-82, and 1982-86

Type of county and region	1986 earnings		Earnings changes					
	Total	Percent- age of U.S. total	Total 1/			Compound average annual rate 2/		
			1969-79	1979-82	1982-86	1969-79	1979-82	1982-86
	Million dollars	Percent	-- Million dollars --			---- Percent ----		
U.S. total 3/	93,296	100.0	45,196	10,296	10,505	3.4	-3.7	-0.4
Metro	47,982	51.4	20,813	11,049	5,258	4.3	1.8	- .4
Greater core	14,886	16.0	5,676	5,530	1,367	6.1	9.8	- .9
Greater fringe	8,571	9.2	3,439	1,183	2,010	3.8	-1.6	3.4
Medium	15,680	16.8	7,476	2,880	1,137	3.9	- .8	-1.4
Lesser	8,844	9.5	4,222	1,455	744	3.7	-1.6	-1.1
Nonmetro	45,314	48.6	24,383	-753	5,247	2.7	-8.5	- .3
Urbanized adjacent	5,288	5.7	2,810	-22	627	2.8	-8.0	- .2
Urbanized nonadjacent	5,330	5.7	3,199	442	-105	3.9	-5.2	-3.8
Less urbanized adjacent	10,816	11.6	5,922	-596	1,272	2.4	-9.7	- .2
Less urbanized nonadjacent	15,521	16.6	8,238	-98	1,832	2.7	-8.1	- .2
Totally rural adjacent	2,303	2.5	1,141	-91	377	1.9	-9.3	1.1
Totally rural nonadjacent	6,056	6.5	3,074	-388	1,244	2.5	-10.2	2.4
Northeast	8,649	9.3	3,374	1,067	1,702	2.1	-2.6	2.2
Nonmetro	2,077	2.2	1,000	191	110	1.8	-4.7	-2.0
Metro	6,573	7.0	2,375	876	1,592	2.2	-1.7	3.7
Midwest	24,138	25.9	12,310	-4,390	6,994	2.1	-14.6	5.4
Nonmetro	17,035	18.3	8,772	-3,861	5,279	1.8	-16.2	6.1
Metro	7,103	7.6	3,538	-530	1,715	2.7	-10.7	3.6
South	37,556	40.3	18,371	10,604	-1,168	4.2	2.5	-4.0
Nonmetro	17,596	18.9	9,798	2,399	-676	3.2	-3.5	-4.2
Metro	19,960	21.4	8,573	8,204	-492	5.8	9.3	-3.9
West	22,953	24.6	11,141	3,015	2,977	4.3	-2.7	.1
Nonmetro	8,607	9.2	4,813	517	535	3.8	-5.8	-1.7
Metro	14,347	15.4	6,327	2,499	2,442	4.8	- .4	1.3
Type of nonmetro county:								
Farming	13,538	14.5	6,589	-2,225	3,573	1.3	-13.9	4.4
Manufacturing	9,650	10.3	4,265	-795	2,131	.8	-10.9	2.9
Mining	8,866	9.5	6,617	2,197	-2,242	7.4	- .9	-8.6
Federal lands	4,175	4.5	2,602	242	-5	4.5	-6.0	-3.3
Government	3,599	3.9	1,789	-58	540	2.1	-8.5	.7
Persistent poverty	1,898	2.0	1,198	-55	-23	2.9	-8.7	-3.6
Retirement	7,360	7.9	3,570	309	1,279	3.2	-6.3	1.4
Other	7,018	7.5	3,843	-234	792	2.6	-9.0	- .3

1/ Expressed in current dollars.

2/ Expressed in 1986 dollars.

3/ Detail may not sum to total because of rounding.

Source: U.S. Department of Commerce, Bureau of Economic Analysis.

Appendix table 15--Earnings in construction by type of county and region, 1986, and earnings changes during 1969-79, 1979-82, and 1982-86

Type of county and region	1986 earnings		Earnings changes					
	Total	Percent- age of U.S. total	Total 1/			Compound average annual rate 2/		
			1969-79	1979-82	1982-86	1969-79	1979-82	1982-86
	Million dollars	Percent	-- Million dollars --			---- Percent ----		
U.S. total 3/	165,527	100.0	681,490	7,465	49,309	3.5	-5.8	5.7
Metro	138,499	83.7	537,509	7,113	43,758	3.1	-5.5	6.3
Greater core	53,189	32.1	183,670	4,860	15,378	1.7	-3.6	5.3
Greater fringe	33,495	20.2	127,109	720	13,378	4.3	-6.8	9.9
Medium	38,124	23.0	152,815	1,322	12,260	3.4	-6.3	6.6
Lesser	13,691	8.3	73,915	211	2,742	5.4	-7.3	2.3
Nonmetro	27,028	16.3	143,981	352	5,551	5.1	-7.4	2.4
Urbanized adjacent	5,508	3.3	24,102	-221	1,858	3.4	-9.7	7.2
Urbanized nonadjacent	4,902	3.0	27,788	-147	1,123	6.0	-9.0	3.2
Less urbanized adjacent	6,773	4.1	37,202	167	1,368	6.1	-6.9	2.3
Less urbanized nonadjacent	6,959	4.2	37,129	372	912	4.3	-5.9	.2
Totally rural adjacent	1,189	.7	8,311	-7	113	8.4	-8.1	-8
Totally rural nonadjacent	1,697	1.0	9,450	188	177	6.1	-3.7	-6
Northeast	35,250	21.3	79,455	3,551	14,105	-.4	-2.1	9.9
Nonmetro	3,091	1.9	8,702	56	1,384	1.1	-6.8	12.2
Metro	32,159	19.4	70,753	3,495	12,721	-.6	-1.6	9.7
Midwest	33,988	20.5	157,329	-2,732	9,139	2.0	-11.0	4.6
Nonmetro	7,206	4.4	42,941	-503	1,017	3.9	-10.2	.5
Metro	26,782	16.2	114,388	-2,229	8,122	1.5	-11.3	5.9
South	57,113	34.5	256,288	5,076	14,802	5.3	-3.9	4.2
Nonmetro	11,712	7.1	60,203	383	2,780	5.9	-6.5	3.5
Metro	45,401	27.4	196,085	4,692	12,022	5.2	-3.1	4.4
West	39,176	23.7	188,418	1,570	11,264	6.3	-6.1	5.3
Nonmetro	5,020	3.0	32,135	415	370	8.1	-5.0	-1.4
Metro	34,157	20.6	156,283	1,155	10,894	6.0	-6.3	6.5
Type of nonmetro county:								
Agricultural	3,011	1.8	16,258	-122	647	4.2	-9.4	2.7
Manufacturing	9,206	5.6	43,215	-61	2,300	3.3	-8.2	3.9
Mining	1,860	1.1	13,019	353	-275	6.9	-2.2	-6.6
Federal lands	2,886	1.7	18,246	-16	501	8.1	-8.1	1.4
Government	3,312	2.0	15,757	43	948	5.0	-7.3	5.2
Persistent poverty	1,274	.8	4,933	327	219	5.0	4.3	1.4
Retirement	6,864	4.1	32,718	184	2,132	6.5	-6.7	6.1
Other	4,750	2.9	31,858	-439	756	6.4	-11.0	1.0

1/ Expressed in current dollars.

2/ Expressed in 1986 dollars.

3/ Detail may not sum to total because of rounding.

Source: U.S. Department of Commerce, Bureau of Economic Analysis.

Appendix table 16--Earnings in manufacturing by type of county and region, 1986, and earnings changes during 1969-79, 1979-82, and 1982-86

Type of county and region	1986 earnings		Earnings changes					
	Total	Percent- age of U.S. total	Total 1/			Compound average annual rate 2/		
			1969-79	1979-82	1982-86	1969-79	1979-82	1982-86
	Million dollars	Percent	-- Million dollars --			---- Percent ----		
U.S. total 3/	545,112	100.0	215,065	56,711	99,545	1.6	-3.6	1.7
Metro	452,395	83.0	173,938	50,045	80,607	1.3	-3.3	1.6
Greater core	179,445	32.9	64,682	19,899	27,616	.3	-3.5	.8
Greater fringe	95,516	17.5	36,456	11,290	21,491	2.3	-2.7	3.1
Medium	132,052	24.2	52,738	14,697	23,922	1.9	-3.3	1.7
Lesser	45,382	8.3	20,062	4,158	7,578	2.7	-4.2	1.2
Nonmetro	92,717	17.0	41,127	6,666	18,938	3.1	-4.9	2.4
Urbanized adjacent	24,393	4.5	10,479	1,738	4,396	2.1	-5.0	1.6
Urbanized nonadjacent	13,215	2.4	6,163	934	2,160	3.0	-5.1	1.1
Less urbanized adjacent	25,193	4.6	10,834	2,008	5,727	3.3	-4.5	3.2
Less urbanized nonadjacent	23,879	4.4	10,985	1,576	5,095	3.8	-5.2	2.7
Totally rural adjacent	2,619	.5	1,190	156	661	4.4	-5.3	4.0
Totally rural nonadjacent	3,419	.6	1,476	254	900	4.2	-4.6	4.4
Northeast	130,496	23.9	45,344	16,374	17,993	-.1	-2.9	.4
Nonmetro	11,423	2.1	4,582	1,105	1,822	1.3	-4.1	1.0
Metro	119,073	21.8	40,762	15,270	16,171	-.2	-2.8	.3
Midwest	170,990	31.4	73,940	2,956	32,569	1.5	-7.2	2.0
Nonmetro	30,409	5.6	13,797	1,000	6,295	2.7	-6.6	2.5
Metro	140,580	25.8	60,142	1,956	26,274	1.2	-7.3	1.9
South	145,469	26.7	59,610	21,497	27,052	3.1	-1.5	1.8
Nonmetro	42,685	7.8	18,409	4,507	9,131	3.7	-3.3	2.7
Metro	102,784	18.9	41,202	16,990	17,922	2.9	-.8	1.5
West	98,157	18.0	36,171	15,883	21,931	2.7	-.4	3.0
Nonmetro	8,200	1.5	4,340	55	1,690	4.8	-7.6	2.5
Metro	89,958	16.5	31,831	15,829	20,240	2.5	.4	3.1
Type of nonmetro county:								
Farming	6,674	1.2	3,076	497	1,540	4.5	-4.7	3.3
Manufacturing	61,796	11.3	27,227	3,972	12,637	2.8	-5.3	2.4
Mining	2,319	.4	1,242	273	127	4.0	-3.7	-1.9
Federal lands	5,073	.9	2,553	-14	1,247	4.6	-8.0	3.8
Government	6,883	1.3	2,907	746	1,430	3.2	-3.2	2.5
Persistent poverty	3,926	.7	1,619	327	1,085	4.0	-4.0	4.9
Retirement	15,740	2.9	6,938	1,382	3,740	4.2	-4.0	3.5
Other	11,424	2.1	5,099	977	2,064	3.0	-4.4	1.7

1/ Expressed in current dollars.

2/ Expressed in 1986 dollars.

3/ Detail may not sum to total because of rounding.

Source: U.S. Department of Commerce, Bureau of Economic Analysis.

Appendix table 17--Earnings in all service-producing industries by type of county and region, 1986, and earnings changes during 1969-79, 1979-82, and 1982-86

Type of county and region	1986 earnings		Earnings changes					
	Total	Percent- age of U.S. total	Total 1/			Compound average annual rate 2/		
			1969-79	1979-82	1982-86	1969-79	1979-82	1982-86
	Million dollars	Percent	-- Million dollars --			---- Percent ----		
U.S. total <sup>3/</sup>	1,769,685	100.0	611,987	282,512	497,324	3.2	0.2	5.0
Metro	1,531,462	86.5	518,772	247,329	442,949	3.2	.4	5.3
Greater core	721,453	40.8	234,840	116,796	203,392	2.4	.3	5.1
Greater fringe	295,254	16.7	97,985	47,800	100,367	4.6	1.2	7.3
Medium	376,219	21.3	133,351	59,477	105,817	3.6	.1	5.0
Lesser	138,536	7.8	52,596	23,257	33,373	3.9	.1	3.6
Nonmetro	238,223	13.5	93,215	35,183	54,375	3.5	-1.1	3.2
Urbanized adjacent	51,741	2.9	19,276	7,453	13,074	3.2	-1.1	4.0
Urbanized nonadjacent	47,871	2.7	19,195	7,701	10,095	3.8	-.6	2.6
Less urbanized adjacent	53,633	3.0	20,625	7,677	12,813	3.3	-1.3	3.5
Less urbanized nonadjacent	63,829	3.6	25,862	9,326	13,562	3.6	-1.4	2.7
Totally rural adjacent	8,009	.5	2,952	1,224	2,000	3.2	-.6	3.9
Totally rural nonadjacent	13,139	.7	5,306	1,803	2,831	3.4	-1.8	2.8
Northeast	426,212	24.1	126,879	66,483	131,907	1.7	.3	6.1
Nonmetro	26,772	1.5	8,969	3,652	7,598	2.2	-1.2	5.1
Metro	399,440	22.6	117,910	62,831	124,309	1.7	.4	6.2
Midwest	390,910	22.1	145,361	51,927	97,542	2.8	-1.7	3.9
Nonmetro	72,734	4.1	29,282	9,307	14,652	2.8	-2.4	2.3
Metro	318,176	18.0	116,078	42,620	82,890	2.8	-1.5	4.3
South	555,149	31.4	197,753	100,061	152,476	4.2	1.3	4.8
Nonmetro	95,480	5.4	37,037	14,987	22,854	3.9	-.5	3.6
Metro	459,669	26.0	160,716	85,074	129,622	4.3	1.7	5.1
West	397,414	22.5	141,994	64,041	115,399	4.2	.4	5.4
Nonmetro	43,237	2.4	17,927	7,237	9,271	4.8	-.2	2.7
Metro	354,177	20.0	124,067	56,804	106,128	4.1	.5	5.7
Type of nonmetro county:								
Farming	27,167	1.5	11,041	3,479	5,307	2.8	-2.4	2.1
Manufacturing	81,979	4.6	31,577	10,311	20,330	3.1	-2.1	3.9
Mining	15,381	.9	6,628	3,102	2,228	4.4	.8	.6
Federal lands	23,760	1.3	9,808	3,864	5,242	4.7	-.4	2.9
Government	39,722	2.2	14,589	6,374	9,490	3.1	-.3	3.5
Persistent poverty	9,157	.5	3,665	1,208	2,175	3.7	-1.9	3.5
Retirement	52,453	3.0	19,666	7,826	14,790	4.4	-.4	5.1
Other	43,911	2.5	17,632	6,760	8,964	3.4	-1.0	2.4

1/ Expressed in current dollars.

2/ Expressed in 1986 dollars.

3/ Detail may not sum to total because of rounding.

Source: U.S. Department of Commerce, Bureau of Economic Analysis.

Appendix table 18--Earnings in wholesale and retail trade by type of county and region, 1986, and earnings changes during 1969-79, 1979-82, and 1982-86

Type of county and region	1986 earnings		Earnings changes					
	Total	Percent- age of U.S. total	Total 1/			Compound average annual rate 2/		
			1969-79	1979-82	1982-86	1969-79	1979-82	1982-86
	Million dollars	Percent	-- Million dollars --			---- Percent ----		
U.S. total 3/	417,464	100.0	158,095	51,475	103,868	2.8	-2.2	3.9
Metro	360,045	86.2	132,261	46,502	93,088	2.8	-1.8	4.2
Greater core	158,916	38.1	55,401	20,690	37,403	1.5	-2.0	3.4
Greater fringe	77,447	18.6	27,744	10,667	25,449	4.8	-.6	6.8
Medium	91,524	21.9	35,288	11,106	23,610	3.3	-2.2	4.2
Lesser	32,158	7.7	13,828	4,039	6,625	3.9	-2.4	2.5
Nonmetro	57,419	13.8	25,834	4,973	10,780	3.3	-4.4	1.9
Urbanized adjacent	12,317	3.0	5,079	1,197	2,854	3.1	-3.6	3.3
Urbanized nonadjacent	10,966	2.6	5,119	1,076	1,886	3.8	-3.9	1.4
Less urbanized adjacent	13,323	3.2	5,903	1,049	2,645	3.1	-4.7	2.2
Less urbanized nonadjacent	16,063	3.8	7,522	1,369	2,602	3.3	-4.5	1.1
Totally rural adjacent	1,696	.4	742	101	350	2.6	-5.5	2.5
Totally rural nonadjacent	3,054	.7	1,469	180	443	2.9	-5.7	.6
Northeast	95,598	22.9	29,336	11,778	27,579	.9	-1.9	5.3
Nonmetro	6,432	1.5	2,313	599	1,815	2.1	-3.5	5.1
Metro	89,167	21.4	27,023	11,179	25,764	.8	-1.7	5.3
Midwest	98,348	23.6	40,502	7,403	20,439	2.1	-4.8	2.5
Nonmetro	18,311	4.4	8,828	949	2,482	2.6	-6.0	.3
Metro	80,037	19.2	31,674	6,454	17,957	2.0	-4.4	3.1
South	133,010	31.9	52,525	20,535	32,267	4.3	-.6	3.7
Nonmetro	23,715	5.7	10,400	2,417	4,984	3.8	-3.5	2.6
Metro	109,296	26.2	42,125	18,118	27,283	4.4	.1	3.9
West	90,508	21.7	35,732	11,759	23,583	4.1	-1.8	4.3
Nonmetro	8,962	2.1	4,293	1,007	1,499	4.6	-3.3	1.2
Metro	81,546	19.5	31,439	10,752	22,084	4.0	-1.5	4.7
Type of nonmetro county:								
Farming	7,125	1.7	3,562	383	779	2.7	-5.9	-.4
Manufacturing	21,615	5.2	9,250	1,412	4,846	2.8	-5.1	3.1
Mining	3,584	.9	1,873	595	153	4.4	-1.8	-2.2
Federal lands	4,952	1.2	2,401	538	810	4.6	-3.5	1.1
Government	6,991	1.7	2,972	698	1,563	3.5	-3.6	3.0
Persistent poverty	2,107	.5	1,019	83	404	3.5	-6.3	2.0
Retirement	12,757	3.1	5,256	1,355	3,311	4.1	-3.0	4.3
Other	10,682	2.6	5,077	932	1,530	3.2	-4.5	.5

1/ Expressed in current dollars.

2/ Expressed in 1986 dollars.

3/ Detail may not sum to total because of rounding.

Source: U.S. Department of Commerce, Bureau of Economic Analysis.

Appendix table 19--Earnings in government services by type of county and region, 1986, and earnings changes during 1969-79, 1979-82, and 1982-86

Type of county and region	1986 earnings		Earnings changes					
	Total	Percent- age of U.S. total	Total 1/			Compound average annual rate 2/		
			1969-79	1979-82	1982-86	1969-79	1979-82	1982-86
	Million dollars	Percent	-- Million dollars --			---- Percent ----		
U.S. total 3/	406,094	100.0	140,006	73,541	91,912	2.3	0.7	3.1
Metro	332,884	82.0	113,790	59,719	76,234	2.2	.6	3.2
Greater core	137,859	33.9	46,496	23,027	32,091	1.8	--	3.3
Greater fringe	60,915	15.0	20,863	11,391	13,892	2.4	1.0	3.2
Medium	93,005	22.9	32,277	17,162	21,261	2.5	.9	3.2
Lesser	41,104	10.1	14,154	8,139	8,991	2.5	1.5	2.9
Nonmetro	73,210	18.0	26,216	13,822	15,678	2.7	1.0	2.7
Urbanized adjacent	16,195	4.0	5,656	3,010	3,505	2.4	.8	2.8
Urbanized nonadjacent	15,496	3.8	5,301	3,211	3,167	2.3	1.9	2.4
Less urbanized adjacent	16,126	4.0	5,851	2,901	3,628	3.0	.6	3.1
Less urbanized nonadjacent	18,475	4.5	6,829	3,442	3,912	3.1	.8	2.6
Totally rural adjacent	2,666	.7	1,021	489	557	3.6	.6	2.6
Totally rural nonadjacent	4,251	1.0	1,557	768	909	2.9	.5	2.7
Northeast	81,179	20.0	26,493	12,926	19,815	1.5	-.3	3.7
Nonmetro	7,506	1.8	2,390	1,328	1,760	1.3	.5	3.4
Metro	73,673	18.1	24,103	11,598	18,055	1.5	-.4	3.8
Midwest	84,103	20.7	30,613	14,175	17,239	2.3	-.3	2.4
Nonmetro	20,641	5.1	7,250	3,648	4,187	1.9	.1	2.4
Metro	63,462	15.6	23,363	10,527	13,052	2.4	-.4	2.4
South	145,678	35.9	50,631	28,821	32,673	2.8	1.6	3.1
Nonmetro	29,902	7.4	10,951	5,857	6,447	3.3	1.4	2.8
Metro	115,776	28.5	39,680	22,964	26,226	2.6	1.7	3.1
West	95,134	23.4	32,269	17,619	22,184	2.3	1.0	3.4
Nonmetro	15,162	3.7	5,625	2,990	3,284	3.6	1.5	2.8
Metro	79,973	19.7	26,644	14,630	18,900	2.1	.9	3.5
Type of nonmetro county:								
Agricultural	8,313	2.0	2,960	1,504	1,676	2.2	.4	2.3
Manufacturing	22,456	5.5	8,219	3,949	4,955	2.9	.3	2.9
Mining	4,517	1.1	1,649	977	936	3.6	2.4	2.5
Federal lands	8,211	2.0	3,113	1,571	1,758	3.8	1.1	2.7
Government	19,377	4.8	6,746	3,739	3,897	2.1	1.0	2.3
Persistent poverty	3,220	.8	1,246	564	681	3.6	.2	2.6
Retirement	15,674	3.9	5,650	2,973	3,806	3.7	1.4	3.7
Other	11,710	2.9	4,185	2,240	2,445	2.6	1.0	2.5

-- = None or negligible.

1/ Expressed in current dollars.

2/ Expressed in 1986 dollars.

3/ Detail may not sum to total because of rounding.

Source: U.S. Department of Commerce, Bureau of Economic Analysis.

Appendix table 20--Earnings in other service-producing industries by type of county and region, 1986, and earnings changes during 1969-79, 1979-82, and 1982-86

Type of county and region	1986 earnings		Earnings changes					
	Total	Percent- age of U.S. total	Total 1/			Compound average annual rate 2/		
			1969-79	1979-82	1982-86	1969-79	1979-82	1982-86
	Million dollars	Percent	-- Million dollars --			---- Percent ----		
U.S. total 3/	946,127	100.0	313,886	157,496	301,544	4.0	1.1	6.5
Metro	838,534	88.6	272,720	141,108	273,627	3.9	1.4	6.8
Greater core	424,678	44.9	132,943	73,079	133,897	3.0	1.4	6.3
Greater fringe	156,892	16.6	49,378	25,742	61,026	5.9	2.2	9.4
Medium	191,690	20.3	65,786	31,208	60,946	4.5	.9	6.4
Lesser	65,274	6.9	24,614	11,079	17,757	4.9	.6	4.7
Nonmetro	107,593	11.4	41,166	16,388	27,917	4.1	-.5	4.3
Urbanized adjacent	23,229	2.5	8,541	3,245	6,715	3.9	-.9	5.3
Urbanized nonadjacent	21,408	2.3	8,775	3,413	5,042	5.0	-.4	3.4
Less urbanized adjacent	24,184	2.6	8,871	3,727	6,540	3.8	-.3	4.6
Less urbanized nonadjacent	29,291	3.1	11,511	4,515	7,048	4.1	-.6	3.6
Totally rural adjacent	3,647	.4	1,189	634	1,093	3.3	1.3	5.7
Totally rural nonadjacent	5,834	.6	2,280	854	1,479	4.2	-.9	4.0
Northeast	249,435	26.4	71,050	41,779	84,513	2.2	1.5	7.3
Nonmetro	12,835	1.4	4,267	1,725	4,023	2.8	-.9	6.3
Metro	236,600	25.0	66,784	40,053	80,490	2.1	1.7	7.3
Midwest	208,459	22.0	74,246	30,350	59,864	3.5	-.6	5.3
Nonmetro	33,782	3.6	13,204	4,711	7,984	3.5	-1.5	3.5
Metro	174,677	18.5	61,042	25,639	51,880	3.5	-.4	5.6
South	276,461	29.2	94,597	50,704	87,535	5.2	2.2	6.4
Nonmetro	41,864	4.4	15,685	6,712	11,422	4.5	.1	4.7
Metro	234,597	24.8	78,911	43,992	76,113	5.4	2.7	6.7
West	211,772	22.4	73,993	34,663	69,632	5.4	1.1	6.9
Nonmetro	19,113	2.0	8,010	3,240	4,488	5.9	.1	3.4
Metro	192,659	20.4	65,984	31,423	65,143	5.3	1.2	7.2
Type of nonmetro county:								
Farming	11,729	1.2	4,519	1,592	2,852	3.3	-1.6	3.7
Manufacturing	37,908	4.0	14,108	4,950	10,528	3.5	-1.5	4.9
Mining	7,280	.8	3,106	1,531	1,140	4.9	1.4	.9
Federal lands	10,597	1.1	4,295	1,755	2,674	5.6	.1	4.0
Government	13,354	1.4	4,870	1,937	4,030	4.4	-.4	5.8
Persistent poverty	3,830	.4	1,401	562	1,091	3.9	-.6	5.2
Retirement	24,022	2.5	8,760	3,497	7,672	5.1	-.2	6.5
Other	21,520	2.3	8,370	3,589	4,989	4.0	-.1	3.3

1/ Expressed in current dollars.

2/ Expressed in 1986 dollars.

3/ Detail may not sum to total because of rounding.

Source: U.S. Department of Commerce, Bureau of Economic Analysis.

Appendix table 21--Total civilian labor force by type of county and region, 1987, and employment changes during 1976-79, 1979-82, and 1982-87

Type of county and region	1987 labor force		Labor force changes					
	Total	Percent- age of U.S. total	Total			Compound average annual rate		
			1976-79	1979-82	1982-87	1976-79	1979-82	1982-87
	Thousands	Percent	-----	Thousands	-----	-----	Percent	-----
U.S. total <sup>1/</sup>	119,899	100.0	8,879	5,363	9,543	3.0	1.7	1.7
Metro	94,222	78.6	7,037	4,204	8,878	3.1	1.7	2.0
Greater core	34,190	28.5	1,779	1,227	2,583	2.0	1.3	1.6
Greater fringe	22,089	18.4	2,475	1,206	2,700	5.0	2.2	2.6
Medium	27,158	22.7	1,930	1,242	2,712	2.9	1.8	2.1
Lesser	10,785	9.0	853	529	883	3.2	1.8	1.7
Nonmetro	25,678	21.4	1,843	1,159	665	2.7	1.6	.5
Urbanized adjacent	5,138	4.3	380	197	325	2.9	1.4	1.3
Urbanized nonadjacent	3,870	3.2	296	160	116	2.9	1.5	.6
Less urbanized adjacent	6,729	5.6	496	302	222	2.8	1.6	.7
Less urbanized nonadjacent	7,046	5.9	489	350	-37	2.5	1.7	-.1
Totally rural adjacent	1,120	.9	80	67	53	2.8	2.2	1.0
Totally rural nonadjacent	1,776	1.5	102	84	-15	2.1	1.6	-.2
Northeast	24,926	20.8	1,190	420	1,487	1.8	.6	1.2
Nonmetro	2,676	2.2	158	50	197	2.3	.7	1.5
Metro	22,250	18.6	1,033	370	1,290	1.7	.6	1.2
Midwest	29,827	24.9	1,924	446	1,288	2.4	.5	.9
Nonmetro	8,093	6.7	561	154	-111	2.4	.6	-.3
Metro	21,734	18.1	1,362	292	1,400	2.4	.5	1.3
South	40,571	33.8	3,175	2,738	4,174	3.4	2.6	2.2
Nonmetro	11,196	9.3	738	666	443	2.6	2.2	.8
Metro	29,375	24.5	2,437	2,073	3,731	3.7	2.8	2.8
West	24,575	20.5	2,590	1,759	2,594	4.7	2.8	2.3
Nonmetro	3,713	3.1	386	290	137	4.2	2.9	.8
Metro	20,863	17.4	2,204	1,469	2,458	4.8	2.8	2.5
Type of nonmetro county:								
Farming	3,548	3.0	172	148	-71	1.7	1.4	-.4
Manufacturing	10,205	8.5	636	261	312	2.3	.9	.6
Mining	1,516	1.3	167	166	-259	3.7	3.3	-3.1
Federal lands	2,172	1.8	219	186	92	4.2	3.2	.9
Government	3,371	2.8	240	173	360	3.0	2.0	2.3
Persistent poverty	1,493	1.2	92	78	39	2.3	1.8	.5
Retirement	5,792	4.8	480	398	695	3.7	2.7	2.6
Other	4,237	3.5	345	165	-35	3.0	1.3	-.2

<sup>1/</sup> Detail may not sum to total because of rounding.

Source: U.S. Department of Labor, Bureau of Labor Statistics.

Appendix table 22--Total employment by type of county and region, 1987, and employment changes during 1976-79, 1979-82, and 1982-87

Type of county and region	1987 employment		Employment changes					
	Total	Percent- age of U.S. total	Total			Compound average annual rate		
			1976-79	1979-82	1982-87	1976-79	1979-82	1982-87
			Thousands	Percent	----- Thousands	----- Percent	-----	
U.S. total <sup>1/</sup>	112,476	100.0	10,171	752	12,812	3.7	0.3	2.4
Metro	88,822	79.0	8,225	896	11,401	3.9	.4	2.8
Greater core	32,170	28.6	2,419	115	3,491	3.0	.1	2.3
Greater fringe	21,054	18.7	2,687	499	3,317	5.8	1.0	3.5
Medium	25,540	22.7	2,219	188	3,463	3.6	.3	3.0
Lesser	10,059	8.9	899	94	1,131	3.6	.4	2.4
Nonmetro	23,653	21.0	1,946	-145	1,411	3.1	-.2	1.2
Urbanized adjacent	4,777	4.2	423	-72	526	3.5	-.6	2.4
Urbanized nonadjacent	3,549	3.2	300	-13	201	3.2	-.1	1.2
Less urbanized adjacent	6,194	5.5	523	-60	427	3.2	-.3	1.4
Less urbanized nonadjacent	6,471	5.8	514	-15	151	2.9	-.1	.5
Totally rural adjacent	1,031	.9	79	13	82	3.0	.5	1.7
Totally rural nonadjacent	1,632	1.5	108	2	24	2.3	--	.3
Northeast	23,805	21.2	1,730	-163	2,468	2.8	-.3	2.2
Nonmetro	2,532	2.3	202	-40	314	3.2	-.6	2.7
Metro	21,274	18.9	1,528	-122	2,154	2.8	-.2	2.2
Midwest	27,841	24.8	2,116	-1,178	2,468	2.8	-1.5	1.9
Nonmetro	7,497	6.7	586	-296	182	2.7	-1.3	.5
Metro	20,343	18.1	1,530	-883	2,285	2.8	-1.6	2.4
South	37,814	33.6	3,430	1,282	4,674	3.9	1.3	2.7
Nonmetro	10,251	9.1	765	90	688	2.8	.3	1.4
Metro	27,563	24.5	2,665	1,192	3,987	4.3	1.7	3.2
West	23,016	20.5	2,895	811	3,202	5.7	1.4	3.0
Nonmetro	3,374	3.0	393	101	227	4.7	1.1	1.4
Metro	19,642	17.5	2,502	710	2,975	5.8	1.5	3.3
Type of nonmetro county:								
Agricultural	3,271	2.9	169	-8	-2	1.8	-.1	--
Manufacturing	9,444	8.4	700	-367	790	2.7	-1.4	1.8
Mining	1,336	1.2	160	61	-236	3.8	1.3	-3.2
Federal lands	1,977	1.8	227	65	155	4.7	1.2	1.6
Government	3,127	2.8	256	54	421	3.4	.7	2.9
Persistent poverty	1,327	1.2	93	-17	76	2.6	-.5	1.2
Retirement	5,350	4.8	511	134	829	4.2	1.0	3.4
Other	3,902	3.5	361	-26	49	3.3	-.2	.3

-- = None or negligible.

<sup>1/</sup> Detail may not sum to total because of rounding.

Source: U.S. Department of Labor, Bureau of Labor Statistics.

Appendix table 23--Total unemployment by type of county and region, 1987, and unemployment changes during 1976-79, 1979-82, and 1982-87

Type of county and region	1987 unemployment		Unemployment change					
	Total	Percent- age of U.S. total	Total			Compound average annual rate		
			1969-79	1979-82	1982-87	1969-79	1979-82	1982-87
	Thousands	Percent	-----	Thousands	-----	-----	Percent	-----
U.S. total 1/	7,423	100.0	-1,295	4,611	-3,269	-6.2	20.7	-7.0
Metro	5,399	72.7	-1,191	3,307	-2,523	-7.4	19.7	-7.4
Greater core	2,020	27.2	-644	1,112	-908	-9.6	17.3	-7.2
Greater fringe	1,036	14.0	-212	707	-617	-6.5	20.5	-8.9
Medium	1,618	21.8	-290	1,054	-751	-6.4	21.7	-7.3
Lesser	725	9.8	-46	435	-248	-2.7	21.8	-5.7
Nonmetro	2,024	27.3	-104	1,304	-745	-2.3	23.6	-6.1
Urbanized adjacent	360	4.9	-43	269	-210	-4.4	24.3	-8.5
Urbanized nonadjacent	321	4.3	-4	173	-85	-.6	20.3	-4.6
Less urbanized adjacent	535	7.2	-27	362	-204	-2.3	25.1	-6.3
Less urbanized nonadjacent	576	7.8	-25	365	-188	-2.0	24.2	-5.5
Totally rural adjacent	89	1.2	1	54	-29	.4	22.9	-5.4
Totally rural nonadjacent	144	1.9	-6	82	-39	-1.9	21.9	-4.6
Northeast	1,121	15.1	-540	583	-981	-9.6	11.4	-11.8
Nonmetro	144	1.9	-44	90	-117	-7.4	15.2	-11.2
Metro	977	13.2	-496	492	-864	-9.9	10.9	-11.9
Midwest	1,986	26.8	-193	1,624	-1,179	-3.9	27.1	-8.9
Nonmetro	596	8.0	-25	449	-294	-1.9	26.4	-7.7
Metro	1,390	18.7	-168	1,175	-886	-4.6	27.4	-9.4
South	2,757	37.1	-256	1,456	-500	-4.3	21.8	-3.3
Nonmetro	945	12.7	-27	575	-244	-1.4	24.6	-4.5
Metro	1,812	24.4	-229	881	-256	-5.7	20.3	-2.6
West	1,560	21.0	-306	948	-608	-7.2	21.1	-6.4
Nonmetro	339	4.6	-8	189	-90	-1.0	21.3	-4.6
Metro	1,221	16.4	-298	759	-518	-8.5	21.1	-6.8
Type of nonmetro county:								
Agricultural	277	3.7	3	76	10	.5	11.8	.8
Manufacturing	761	10.3	-64	313	-165	-3.2	14.8	-3.8
Mining	180	2.4	8	34	48	2.8	10.4	6.4
Federal lands	195	2.6	-8	50	9	-2.0	10.8	.9
Government	244	3.3	-17	59	.2	-2.9	9.7	--
Persistent poverty	166	2.2	-1	48	10	-.2	13.1	1.2
Retirement	441	5.9	-31	130	-.3	-3.1	12.3	--
Other	335	4.5	-16	93	14	-2.2	12.0	.8

-- = None or negligible.

1/ Detail may not sum to total because of rounding.

Source: U.S. Department of Labor, Bureau of Labor Statistics.

Appendix table 24--Unemployment rates by type of county and region, 1976-87

Type of county and region	Unemployment rate											
	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
	Percent											
U.S. total	7.7	7.0	6.0	5.8	7.1	7.6	9.7	9.6	7.5	7.2	7.0	6.2
Metro	7.8	7.1	6.0	5.7	6.9	7.4	9.3	9.1	7.1	6.7	6.4	5.7
Greater core	8.6	7.7	6.5	6.0	7.0	7.5	9.3	9.2	7.2	6.9	6.6	5.9
Greater fringe	7.4	6.5	5.5	5.2	6.2	6.6	8.5	8.1	6.1	5.5	5.2	4.7
Medium	7.5	6.9	5.8	5.7	7.0	7.6	9.7	9.7	7.4	6.9	6.7	6.0
Lesser	6.9	6.4	5.8	5.7	7.4	7.8	9.8	9.8	7.7	7.6	7.6	6.7
Nonmetro	7.1	6.8	6.2	6.1	8.0	8.5	11.1	11.2	9.1	9.1	9.0	7.9
Urbanized adjacent	7.9	7.3	6.3	6.3	8.3	8.8	11.7	11.6	8.9	8.6	8.2	7.0
Urbanized nonadjacent	7.2	7.2	6.5	6.5	8.0	8.7	10.8	11.3	9.3	9.4	9.4	8.3
Less urbanized adjacent	7.1	6.7	6.1	6.1	8.1	8.7	11.4	11.3	9.2	9.1	9.0	7.9
Less urbanized nonadjacent	6.8	6.5	6.0	5.9	7.7	8.2	10.8	11.1	9.1	9.4	9.5	8.2
Totally rural adjacent	6.8	6.7	6.3	6.3	8.1	8.6	11.0	10.9	9.4	9.2	9.0	8.0
Totally rural nonadjacent	6.6	6.6	6.1	5.9	7.7	8.1	10.2	10.6	9.3	9.3	9.3	8.1
Northeast	9.4	8.5	6.9	6.6	7.1	7.4	9.0	8.7	6.8	6.2	5.6	4.5
Nonmetro	9.5	8.6	7.1	7.0	8.3	8.4	10.5	10.8	8.1	7.3	6.6	5.4
Metro	9.4	8.4	6.9	6.5	7.0	7.3	8.8	8.5	6.7	6.0	5.4	4.4
Midwest	6.6	6.0	5.3	5.5	8.2	8.6	11.1	10.8	8.4	8.0	7.3	6.7
Nonmetro	6.2	5.8	5.4	5.5	8.0	8.3	10.8	10.8	8.9	9.0	8.3	7.4
Metro	6.8	6.0	5.3	5.5	8.3	8.7	11.2	10.8	8.2	7.6	6.9	6.4
South	6.7	6.4	5.6	5.4	6.4	7.1	8.9	9.3	7.2	7.2	7.6	6.8
Nonmetro	6.9	6.7	6.1	6.1	7.7	8.5	11.1	11.5	9.3	9.4	9.8	8.4
Metro	6.7	6.2	5.4	5.0	5.8	6.5	8.1	8.4	6.4	6.3	6.7	6.2
West	8.6	7.8	6.6	6.0	6.9	7.4	9.9	9.5	7.6	7.3	7.1	6.3
Nonmetro	8.5	8.4	7.5	7.3	8.5	9.2	12.0	11.7	9.8	10.0	10.1	9.1
Metro	8.7	7.7	6.4	5.8	6.6	7.1	9.4	9.1	7.2	6.8	6.6	5.9
Type of nonmetro county:												
Farming	5.7	5.8	5.6	5.5	7.0	7.5	9.6	10.0	8.7	9.0	8.7	7.8
Manufacturing	7.5	7.0	6.2	6.4	8.8	9.4	12.5	11.9	9.5	9.4	8.9	7.5
Mining	6.3	6.2	6.3	6.1	7.3	7.7	11.4	14.7	11.1	11.6	13.1	11.9
Federal lands	8.7	8.4	7.3	7.2	8.7	9.3	12.4	12.1	10.1	10.1	10.0	9.0
Government	7.8	7.5	6.5	6.5	7.9	8.3	10.1	10.4	8.4	8.2	8.1	7.2
Persistent poverty	8.5	8.4	7.7	7.8	9.9	11.0	14.0	14.3	12.4	12.4	12.9	11.1
Retirement	8.1	7.7	6.8	6.6	8.4	8.9	11.3	11.2	9.0	8.8	8.7	7.6
Other	6.5	6.2	5.7	5.6	7.3	7.6	9.8	10.4	8.7	8.8	9.0	7.9

Source: U.S. Department of Labor, Bureau of Labor Statistics.

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