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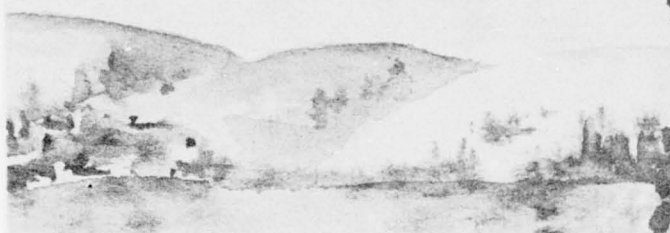
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in
APPALACHIA

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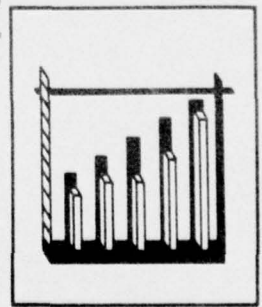
APPENDIX E
ECONOMIC BASE STUDY



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U. S. ARMY



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IN REPLY REFER TO:

TO: THE READER

This Appendix, designated as "E" and entitled "Economic Base Study," is one of the nine Appendixes that support the "Report for Development of Water Resources in Appalachia."

The Appendix was prepared cooperatively by the Office of Business Economics, U.S. Department of Commerce and the Office of Appalachian Studies. It provides a summary of demographic and economic data used in our analysis of the Appalachian economy. Projections of population, employment and income for 1980, 2000 and 2020 are presented by various geographic units used in the analysis. Two sets of assumptions are used for the projections. The first set is used for the United States projection and for the "Historical and Projected" Appalachian Region and is presented first. The second set applies only to the Appalachian Region and are on a basis that reflects possible developmental achievement. This second set of projections is called "developmental benchmarks."

The main report, which is supported by this Appendix, is divided into six Parts. Part I is the Summary Report and should be consulted for an overall view of the Appalachian Region. Part II is comprised of pairs of chapters providing more definitive information on each of the ten water sub-regions. A full index of the report components is included at the end of the Table of Contents for this Appendix on pages vii and viii.

John C. H. Lee, Jr.
JOHN C. H. LEE, JR.
Colonel, Corps of Engineers
Director

ORIGINAL CONTAINS COLOR PLATES; ALL OTHER
REPRODUCTIONS WILL BE IN BLACK AND WHITE

O D C
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DEVELOPMENT
OF
WATER RESOURCES
IN
APPALACHIA

APPENDIX E
ECONOMIC BASE STUDY

Prepared by:

Office of Business Economics
Regional Economics Division
U.S. Department of Commerce

and

Office of Appalachian Studies
U. S. Army Corps of Engineers

U. S. ARMY CORPS OF ENGINEERS
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APPENDIX E . Volume 24.
ECONOMIC BASE STUDY .

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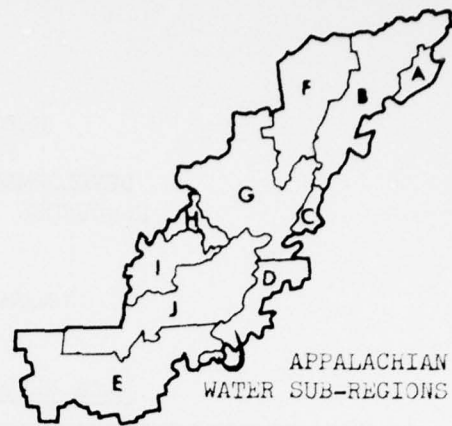
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REPORT
For
DEVELOPMENT OF WATER
RESOURCES IN APPALACHIA

VOLUME INDEX

MAIN REPORT



APPALACHIAN
WATER SUB-REGIONS

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REPORT
For
DEVELOPMENT FOR WATER
RESOURCES IN APPALACHIA

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INTRODUCTION

This Appendix is designed to provide a summary of economic and demographic data to be used in the analysis of the Appalachian economy, and to provide a setting for the preparation of a comprehensive water resources development plan.

Information contained in this Appendix includes projections to 1980, 2000 and 2020 for population, employment by industry group, per capita income, and gross output per employee. This information is presented for the United States and the Appalachian Region. For the Appalachian Region, this information is grouped by 27 economic sub-regions, 28 water areas and 59 state planning sub-regions.

CHAPTER 1

SUMMARY

The statistics included in this study cover the period from 1940 to 2020. During the historical portion of this time period, the percentages of the total U. S. population and employment located in the Appalachian Region have been declining. This historical trend is as follows:

| | <u>1940</u> | <u>1950</u> | <u>1960</u> |
|------------------|-------------|-------------|-------------|
| Population (000) | 16,611 | 17,374 | 17,727 |
| Percent of U. S. | 12.6 | 11.5 | 9.9 |
| Employment (000) | 4,923 | 5,869 | 5,865 |
| Percent of U. S. | 10.8 | 10.2 | 8.8 |

Per capita income (1954 dollars) over the same time period has remained relatively constant as a percent of the nation.

| | <u>1940</u> | <u>1950</u> | <u>1960</u> |
|-------------------|-------------|-------------|-------------|
| Per Capita Income | \$ 824 | \$1,136 | \$1,459 |
| Percent of U. S. | 68.8 | 68.5 | 73.2 |

Projections for the years 1980, 2000 and 2020 are a continuation of the historical trend. Analysis of the projections of population and employment reveal a continued decline relative to the United States, and as a result, the role of the Appalachian Region in the national economy will continue to decline. The projections are summarized as follows:

| | <u>1980</u> | <u>2000</u> | <u>2020</u> |
|-------------------|-------------|-------------|-------------|
| Population (000) | 22,160 | 28,307 | 36,579 |
| Percent of U. S. | 9.1 | 8.4 | 7.8 |
| Employment (000) | 7,601 | 9,965 | 13,145 |
| Percent of U. S. | 8.0 | 7.6 | 7.3 |
| Per Capita Income | \$2,342 | \$4,025 | \$7,203 |
| Percent of U. S. | 73.2 | 80.5 | 92.9 |

A water resources survey, because of the length of its period of analysis - a minimum of fifty years and more commonly one hundred - must give rather close attention to the expected future economy. Projections of population and employment as a base from which to compute water needs is one of the most important elements in a water resources plan. Because the long-term effects and scope of the overall Appalachian program are not known at the present time, as a basis for analysis, the Appalachian Water Resources Survey must provide some first approximations of the future of the Appalachian Region. Developmental benchmarks provide the setting for the plan reported in the Appalachian Water Resources Survey.

Attainment of the developmental benchmarks represents a stabilization of the Appalachian Region relative to the nation. Developmental benchmarks are summarized below:

| | <u>1980</u> | <u>2000</u> | <u>2020</u> |
|-------------------|-------------|-------------|-------------|
| Population (000) | 22,574 | 31,435 | 43,390 |
| Percent of U. S. | 9.3 | 9.3 | 9.3 |
| Employment (000) | 7,694 | 11,851 | 16,532 |
| Percent of U. S. | 8.4 | 9.1 | 9.1 |
| Per Capita Income | \$2,518 | \$4,406 | \$7,363 |
| Percent of U. S. | 78.8 | 88.1 | 95.0 |

The following tabulations show for the Appalachian Region the historical and projected population and employment and the developmental benchmarks:

POPULATION AND EMPLOYMENT
APPALACHIAN REGION
HISTORICAL AND PROJECTED

| | 1940 | 1950 | 1960 | 1980 | 2000 | 2020 |
|------------------------|------------|------------|------------|------------|------------|------------|
| Employment..... | 4,922,938 | 5,869,089 | 5,864,584 | 7,601,000 | 9,965,000 | 13,145,000 |
| Agriculture..... | 1,098,406 | 875,444 | 427,817 | 192,000 | 142,000 | 125,000 |
| Mining..... | 484,209 | 482,273 | 205,201 | 132,000 | 118,000 | 99,000 |
| Construction..... | 192,205 | 319,859 | 344,916 | 460,000 | 590,000 | 796,000 |
| Manufacturing..... | 1,210,303 | 1,655,131 | 1,965,898 | 2,611,000 | 3,296,000 | 4,221,000 |
| Food..... | 73,828 | 95,433 | 133,857 | 156,000 | 189,000 | 215,000 |
| Textiles..... | 225,006 | 264,120 | 247,331 | 265,000 | 291,000 | 339,000 |
| Paper..... | N.A. | 33,390 | 43,382 | 68,000 | 101,000 | 141,000 |
| Chemicals..... | 60,416 | 86,701 | 117,039 | 180,000 | 269,000 | 374,000 |
| Petroleum..... | N.A. | 19,895 | 10,614 | 6,000 | 4,000 | 3,000 |
| Primary Metals..... | N.A. | 324,388 | 322,910 | 342,000 | 331,000 | 315,000 |
| Transportation, etc. . | 317,073 | 443,663 | 402,448 | 398,000 | 399,000 | 398,000 |
| Trade..... | 631,801 | 918,007 | 1,002,104 | 1,425,000 | 1,981,000 | 2,674,000 |
| Finance, etc. | 82,185 | 111,842 | 156,521 | 301,000 | 462,000 | 643,000 |
| Services..... | 789,216 | 896,424 | 1,143,572 | 1,730,000 | 2,457,000 | 3,454,000 |
| Public Administration. | 114,940 | 158,802 | 193,811 | 327,000 | 496,000 | 705,000 |
| Armed Forces..... | 2,600 | 7,644 | 27,566 | 24,000 | 24,000 | 24,000 |
| Population..... | 16,611,406 | 17,374,413 | 17,726,562 | 22,160,000 | 28,307,000 | 36,579,000 |

N.A. = Not Available

POPULATION AND EMPLOYMENT
APPALACHIAN REGION
DEVELOPMENTAL BENCHMARKS

| | 1980 | 2000 | 2020 |
|-----------------------------|------------|------------|------------|
| Employment | 7,964,000 | 11,851,000 | 16,532,000 |
| Agriculture | 192,000 | 142,000 | 125,000 |
| Mining | 132,000 | 118,000 | 99,000 |
| Construction | 484,000 | 691,000 | 983,000 |
| Manufacturing | 2,753,000 | 3,970,000 | 5,401,000 |
| Food | 167,000 | 219,000 | 267,000 |
| Textiles | 269,000 | 304,000 | 367,000 |
| Paper | 71,000 | 109,000 | 173,000 |
| Chemicals | 185,000 | 292,000 | 443,000 |
| Petroleum | 6,000 | 4,000 | 4,000 |
| Primary Metals | 352,000 | 373,000 | 400,000 |
| Transportation, etc. | 417,000 | 461,000 | 520,000 |
| Trade | 1,477,000 | 2,354,000 | 3,284,000 |
| Finance, etc. | 312,000 | 544,000 | 827,000 |
| Services | 1,836,000 | 2,966,000 | 4,370,000 |
| Public Administration | 337,000 | 581,000 | 899,000 |
| Armed Forces | 24,000 | 24,000 | 24,000 |
| Population | 22,574,000 | 31,435,000 | 43,390,000 |

CHAPTER 2

ASSUMPTIONS AND METHODOLOGY

This study contains two sets of assumptions for the Appalachian Region. The first set was used for the United States projection and for the "Historical and Projected" Appalachian Region and is presented first. A second set of assumptions applies only to the Appalachian Region. The data derived by this latter set of assumptions are called the "developmental benchmarks."

Listed below are a number of specific assumptions used in developing the national totals needed to prepare the "Historical and Projected" data:

1. It is assumed that no major war will occur during the period of analysis, but that a continued high level of expenditures for national defense will be required.

2. National population totals used are from the Series B projection published by the Bureau of the Census in Projections of the Population of the United States by Age and Sex: 1964 to 1985 with Extensions to 2010, Population Estimates Series P-25, No. 286, July 1964. The 2010 figures in that publication were extended to 2020 in accordance with the projected average rate of growth from 1960 to 2010. A discussion of the characteristics of the population projection, together with assumptions used, is contained in the foregoing reference.

3. Nationwide labor force figures were calculated by applying to projected population the labor force participation rates of 1955-57, which are higher than current rates but which are close to those obtained by a comparison of the 1980 projections of labor force by the Bureau of Labor Statistics and the 1980 population projections of the Census.

4. National totals of all-industry employment were derived from the labor force projections by assuming a 4-percent rate of unemployment in the target years.

5. Total gross national product (GNP) was derived as the product of projected employment and projected productivity per worker. The trend in productivity was calculated from Office of Business Economics (OBE) data for the 1947-63 span. Projected productivity reflected the combined effect of changes in productivity per man-hour and of changes in the length of the work week without either being made explicit.

The gross national product so derived was within 1 percent of that developed for 1980 and 2000 by the Economic Task Group (now the Economic Analysis Subcommittee) of the ad hoc Water Resources Council and within 2 percent of the Subcommittee's projections for 2020. Accordingly, the earlier GNP projections were accepted in order to avoid introducing a new set of temporary GNP projections. More rigorously derived national projections will be developed for the Water Resources Council long-range program.

6. National personal income was derived from projected GNP on the basis of the past relationship between the two accounts.

7. National totals of employment and of personal income components by industry were derived from the projected totals of GNP and personal income on the basis of 1947-63 trends in productivity, industrial structure of national output, and composition of income. These employment and income totals were allocated by industry to the regions and from them were derived regional population projections.

Using the national totals based on these assumptions, projections were then made by a process of successive disaggregations: i.e., from the nation to major regions to states. The Appalachian States were aggregated to serve as a base for the disaggregation to the economic sub-regions. At each level of activity the maximum amount of industrial detail was used for which there were available data, and where available both income and employment were used as measures of industrial activity.

In the process, the historical percentage relationship was established between the smaller areas and the larger base area, and the historical trend was projected. The projected percentages were applied to the projected absolute data for the base area. Using the maximum industrial detail available prevents the camouflage of the differential trends among industries.

The projections reflect changes due to general growth or decline in an industry nationally as well as changes in the regional share of the industry total. This procedure implies that those comparative advantages and disadvantages of the regions for particular industries, which have prevailed in the past, will continue into the future.

Developmental Benchmarks

A comparison of the projections for the nation and those for the Appalachian Region discloses that much of the past economic distress may be expected to continue unless the historical trends are changed. A basic methodological question which challenged this office and those participating in this survey was, "For what future levels of economic activity should we be planning?" Developmental benchmarks provide this estimate of economic activity.

The developmental benchmarks are a quantification of the general goal statement contained in the Appalachian Act. Most of these goals are not easily quantified and no precise delineation of quantitative limits is expressed for those goals that can be directly quantified. It thus became part of the planning effort to develop a concise statement of goals contained in the Act as a preliminary step to prescribing goals that would be readily quantifiable.

The Act contains several statements that are goal oriented. They are as follows:

Region-wide development;

Joint federal and state effort to provide basic facilities essential to growth, to attack common problems, to meet common needs, on a coordinated and concerted basis;*/

Fostering of regional productivity and growth;

Study of federal, state, and local public and private programs to appropriately recommend effective additions;

Encouragement of private investment in industrial, commercial, and recreational projects; **/

*/ Appalachian Regional Development Act of 1965 (PL 89-4), Section 2.

**/ Appalachian Act, Section 102(2)(3)(6).

Increase the production of goods and services within the region;

Expand economic opportunity;

Enhance the welfare of its people;

Develop a Water Resources Plan that is a harmonious component of the total regional economic development program;^{*/}

Increase opportunities for employment and reduce unemployment rate;

Increase average income and relative per capita income;

Economic and social development for a population and geographic area to be served by the investment.^{**/}

Public Law 89-4 is silent as to what regional growth rate is desirable for Appalachia, but it can be implied from the Act that the rate of growth must be accelerated over the national average if the region is to catch up. The rate of growth required for the realization of the goals and objectives of the Act was in effect obtained from the Act itself. One of the problems faced by the Office of Appalachian Studies was to establish a time frame for the achievement of the goals and objectives. This office calculated the developmental benchmarks to ascertain and describe how much growth must occur in Appalachia if the region is to reach a semblance of parity with the rest of the nation. We use the term developmental benchmarks to describe the population, employment, and income growth required by the Act.

In the absence of a specified rate of growth, assumptions were used to calculate the developmental benchmarks. These assumptions are as follows:

1. The Region will reach a per capita income of at least 95% of the national average by the year 2020;
2. The Region will maintain, after 1980, the same relative population as a percent of the U. S.;

^{*/} Appalachian Act, Section 206(a).

^{**/} Appalachian Act, Section 224(a)(5).

3. Population per worker ratio for the Appalachian Region will reach the projected national rate. The national rate for year 2020 is 2.58.

Year 1980 served as the starting point for addition of the developmental benchmark population, employment and income. In most of the sub-regions the 1980 population projected by OBE was not changed. After 1980, the national rate of change was applied to calculate the year 2000 and 2020 population and employment. In establishing the population, employment and income objectives, studies currently underway were utilized where possible. These new totals were reviewed to ascertain if they adequately reflected the potential of the sub-regions. As a result of this review, some economic sub-region totals were revised.*

The projected employment for mining and agriculture was not revised when developmental benchmarks were calculated.

The use of Appalachian "developmental benchmarks" as a planning tool requires some care. Although the "benchmarks" have been adjusted to reflect developmental possibilities, further study may show that there are a number of sub-regions where use of the benchmarks may not reflect the true developmental prospects. Areas which have been exporting a great many people will not always be able to develop fast enough to reverse this trend. In this situation the benchmarks are unrealistic planning tools, and need to be adjusted accordingly.

Economic Sub-Regions

One of the most interesting and challenging problems encountered in this study was drawing the boundaries of the economic sub-regions. The economic sub-regions are based on the nodal-functional area concept. That is, to each urban center are attached the surrounding county units where the economic activity is focused directly or indirectly on that of the center. Each economic sub-region combines the place of residence and place of commuting within the economic sub-region boundaries. As a result of the foregoing analysis, twenty-six economic sub-regions were defined. All of the twenty counties of Mississippi were added as one,** to make a total of twenty-seven economic sub-regions of Appalachia. Of the twenty-seven economic sub-regions, fifteen (Numbers 2, 5, 7, 8, 9, 10, 13, 14, 15, 18, 19, 23, 24, 25 and 26) extend beyond the boundaries of the Appalachian Region. Population and employment are shown in Chapter 5.

*/ For a more detailed discussion of the developmental benchmarks, see Agenda Items 2 and 3, Minutes of the Fifth Meeting of the WDCCA and Agenda Item 4 of the Minutes of the Sixth Meeting of the WDCCA.

**/ The twenty counties in Mississippi were added to the Appalachian Region by the Congress in PL 90-103, The Appalachian Regional Development Act Amendments of 1967.

Water Sub-Regions

The water sub-region boundaries were drawn by APS to include state planning sub-regions, watershed boundaries and Standard Metropolitan Statistical Areas. Water sub-regions were given letter designations A through J. Sub-regions B, D, E, F, G, I, and J were further divided into water areas with a number designation (for example, B-1). There are a few instances where all three of the above mentioned could not be accommodated, but for the entire region the water sub-regions and areas provide satisfactory planning areas. These ten water sub-regions and the water areas are the planning areas on which the Report for Development of Water Resources in Appalachia is being analyzed and prepared. Population and employment are shown in Chapter 6.

State Planning Sub-Regions

The 59 state planning sub-regions previously mentioned were drawn by the states. These sub-regions are designed to accommodate the strategic and analytical considerations of the states in developing their Appalachian areas. Certain of these sub-regions were divided into A and B parts. Data presented in this Appendix was not disaggregated beyond the total planning sub-regions. Population and employment are shown in Chapter 6.

Income Measurement

A copy of the methodology for measuring historical personal income for the economic sub-regions will be provided by OBE on request. Also, the reader is referred to, "Measuring Regional Market Growth, A Case Study of the Delaware River Area," in January 1959 issue of Survey of Current Business.

Chapter 7 contains the historical and projected per capita income for the Appalachian portion of the economic sub-regions, and the developmental benchmarks per capita income.

Gross Output

In water resource development studies it is essential that an industrial base be established. This requires estimates of industrial water use requirements and waste loadings from industrial plants and their impacts on water quality during the projected life of a proposed project. The productivity per employee is one source of data used to establish the base for determining present industrial water use requirements and waste loadings by type of manufacturing industry and to

provide a base from which projections of water needs for industry can be made.

Productivity per employee for each of the six heavy water-using industries was available with the OBE projections for the economic sub-regions. These industries are those considered to have either large water intake requirements or waste loads which contribute heavily to pollution, or both. The projected productivity and employment will provide guides to the projected industrial activity that could occur.

The nation's output per worker was computed for the year 1960 by using gross product originating (GPO). Projections were made for 1980, 2000 and 2020 by using projected national estimates of GPO. The trends in productivity were calculated by OBE from data derived from 1947-63 National Income and Product Accounts.

The methodology to derive the economic sub-region productivity per worker was to establish the sub-region's share of the national total GPO for each manufacturing industry. For this scaling economic productivity factors of industrial output were determined from 1958 and 1963 value added by manufacture and employment for each of the six heavy water-using industries. To estimate the value added for areas not published, the value added data for Standard Metropolitan Statistical Areas (SMSAs) or counties that have published data was deducted from the state data to provide a state residual of value added. The state residual of value added was allocated in relation to the 1960 Census of Population employment for that industry. The industries value added data then can be aggregated to the sub-region and the 1958 and 1963 value added per worker are derived. The data was interpolated for 1960.

For each sub-region the relative share of the sub-region to the national totals were computed for each of the economic productivity factors. This relative share was then applied to the national total of GPO for each industry. The Census of Population employment series was adjusted to OBE series on number of workers engaged in production. The interpolation to 1960 was necessary so that the output series would correspond with 1960 Census of Population employment series.

A weighted average output per worker was derived for the economic sub-region by using the computed GPO by SMSA and residual areas and the respective employment of the 1960 Census of Population. This provided the 1960 GPO per worker.

In the projection process for the sub-region the 1960 output per worker is compared to the U. S. average. The dollar difference for 1960 is held constant to U. S. average for 1980, 2000, and 2020.

The developmental benchmarks only modified employment, therefore, no changes in output per worker were considered. Projections for the six water-using industries, plus indices for the nation are in Chapter 8.

CHAPTER 3

APPALACHIAN REGION ECONOMIC BASE STUDY EXPLANATORY NOTES

1. The historical population data given in each of the tables is taken from the Censuses of Population, 1940, 1950 and 1960. The enumeration date used was 1 April for each of these years.

2. Per capita income for Appalachian areas is calculated by using the 1 July population of the pertinent year, without showing the population data. In calculating per capita income, the historical populations used were the 1 July estimates and are slightly different from those shown.

3. Employment data are taken from the Census of Population.

4. Per capita income data is shown for the economic sub-regions, only. Income data were not available for the Water Areas or the State Planning Sub-Regions.

5. Population and employment data shown for the State Planning Sub-Regions are for that portion of sub-regions within the Appalachian Region.

6. Population and employment for year 1980 to 2020 are rounded to the nearest one thousand.

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CHAPTER 4

POPULATION AND EMPLOYMENT,
27 ECONOMIC SUB-REGIONS OF APPALACHIA

Economic Sub-regions 2, 5, 7, 8, 9, 10, 13, 14, 15, 18, 19, 23, 24, 25 and 26 include areas adjacent to the Appalachian Region. For these sub-regions extending beyond the Appalachian boundaries, data for the Appalachian portion is shown on the following page.

Organization of this chapter is a presentation of data for the United States, Economic Sub-regions of the Appalachian Region, and developmental benchmarks. A map at the end of this chapter shows the boundaries of the Economic Sub-regions.

TABLE I
POPULATION AND EMPLOYMENT
HISTORICAL AND PROJECTED
UNITED STATES

| | 1940 | 1950 | 1960 | 1980 | 2000 | 2020 |
|--------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Employment ^{1/} | 45,375,800 | 57,474,900 | 66,372,600 | 94,800,000 | 130,600,000 | 181,200,000 |
| Agriculture | 8,670,400 | 7,147,500 | 4,527,800 | 2,500,000 | 1,900,000 | 1,750,000 |
| Mining | 932,000 | 944,000 | 681,000 | 600,000 | 600,000 | 600,000 |
| Construction | 2,100,000 | 3,509,000 | 3,972,000 | 6,050,000 | 8,500,000 | 12,200,000 |
| Manufacturing | 10,755,100 | 14,818,200 | 18,229,400 | 24,800,000 | 31,300,000 | 40,400,000 |
| Food | 1,122,965 | 1,435,045 | 1,897,020 | 2,091,000 | 2,547,000 | 2,700,000 |
| Textiles | 1,169,604 | 1,258,735 | 993,058 | 970,000 | 947,000 | 924,000 |
| Paper | 333,455 | 475,807 | 603,561 | 856,000 | 1,218,000 | 1,743,000 |
| Chemicals | 446,944 | 669,136 | 899,903 | 1,274,000 | 1,741,000 | 2,400,000 |
| Petroleum | 204,411 | 292,300 | 293,562 | 306,000 | 315,000 | 329,000 |
| Primary Metals | 860,474 | 1,202,604 | 1,275,024 | 1,523,000 | 1,698,000 | 1,799,000 |
| Transportation, etc. | 3,173,000 | 4,515,000 | 4,640,000 | 5,100,000 | 5,300,000 | 5,500,000 |
| Trade | 7,680,000 | 10,742,000 | 12,275,000 | 18,400,000 | 26,000,000 | 35,780,000 |
| Finance, etc. | 1,493,000 | 1,949,000 | 2,805,000 | 5,600,000 | 8,940,000 | 13,150,000 |
| Services | 8,754,000 | 10,257,000 | 14,104,000 | 23,700,000 | 36,300,000 | 55,000,000 |
| Public Administration | 1,508,000 | 2,552,000 | 3,334,000 | 6,200,000 | 9,890,000 | 14,990,000 |
| Armed Forces | 310,000 | 1,040,000 | 1,804,000 | 1,850,000 | 1,870,000 | 1,830,000 |
| Population ^{2/} | 131,669,300 | 150,697,400 | 178,464,200 | 243,900,000 | 336,800,000 | 467,700,000 |
| Population Per Worker | 2.90 | 2.62 | 2.69 | 2.57 | 2.58 | 2.58 |

^{1/} Total U.S.

^{2/} Coterminous U.S.

TABLE II
 POPULATION AND EMPLOYMENT
 HISTORICAL AND PROJECTED ^{x/}
 ECONOMIC SUB-REGION 1

| | 1940 | 1950 | 1960 | 1980 | 2000 | 2020 |
|----------------------------|---------|---------|---------|-----------|-----------|-----------|
| Employment..... | 247,916 | 293,350 | 316,639 | 410,000 | 521,000 | 646,000 |
| Agriculture..... | 50,237 | 43,569 | 29,298 | 19,000 | 17,000 | 16,000 |
| Mining..... | 1,421 | 840 | 1,016 | 4,000 | 4,000 | 3,000 |
| Construction..... | 11,644 | 16,212 | 16,882 | 18,000 | 19,000 | 20,000 |
| Manufacturing..... | 70,140 | 94,586 | 114,587 | 153,000 | 191,000 | 245,000 |
| Food..... | 5,423 | 6,580 | 7,228 | 6,000 | 6,000 | 5,000 |
| Textiles..... | 4,223 | 3,611 | 1,896 | a/ | a/ | a/ |
| Paper..... | NA | 1,556 | 1,158 | 1,000 | 1,000 | 1,000 |
| Chemicals..... | 1,642 | 1,476 | 2,278 | 3,000 | 5,000 | 7,000 |
| Petroleum..... | NA | 32 | 112 | a/ | a/ | a/ |
| Primary Metals..... | NA | 3,388 | 3,008 | 2,000 | 2,000 | 2,000 |
| Transportation, etc..... | 18,802 | 21,958 | 17,721 | 17,000 | 17,000 | 15,000 |
| Trade..... | 36,500 | 48,462 | 49,222 | 71,000 | 99,000 | 126,000 |
| Finance, etc..... | 4,424 | 5,935 | 7,951 | 14,000 | 21,000 | 26,000 |
| Services..... | 47,884 | 52,906 | 69,654 | 99,000 | 129,000 | 160,000 |
| Public Administration..... | 6,864 | 8,576 | 10,023 | 15,000 | 24,000 | 35,000 |
| Armed Forces..... | 0 | 306 | 285 | a/ | a/ | a/ |
| Population..... | 704,302 | 779,782 | 855,192 | 1,096,000 | 1,406,000 | 1,716,000 |
| Population Per Worker..... | 2.84 | 2.66 | 2.70 | 2.67 | 2.70 | 2.66 |

x/ Entirely within Appalachian Region.
 a/ Data not of sufficient size to warrant projection.
 NA Not available.

TABLE III
**POPULATION AND EMPLOYMENT
 DEVELOPMENTAL BENCHMARKS
 ECONOMIC SUB-REGION 1**

| | 1980 | 2000 | 2020 |
|----------------------------|-----------|-----------|-----------|
| Employment..... | 420,000 | 687,000 | 1,069,000 |
| Agriculture..... | 19,000 | 17,000 | 16,000 |
| Mining..... | 4,000 | 4,000 | 3,000 |
| Construction..... | 19,000 | 25,000 | 35,000 |
| Manufacturing..... | 157,000 | 262,000 | 382,000 |
| Food..... | 6,000 | 8,000 | 9,000 |
| Textiles..... | a/ | a/ | a/ |
| Paper..... | 1,000 | 1,000 | 2,000 |
| Chemicals..... | 3,000 | 7,000 | 12,000 |
| Petroleum..... | 0 | 0 | 0 |
| Primary Metals..... | 2,000 | 3,000 | 4,000 |
| Transportation, etc..... | 17,000 | 22,000 | 25,000 |
| Trade..... | 74,000 | 137,000 | 219,000 |
| Finance, etc..... | 14,000 | 28,000 | 44,000 |
| Services..... | 100,000 | 159,000 | 287,000 |
| Public Administration..... | 16,000 | 33,000 | 58,000 |
| Armed Forces..... | a/ | a/ | a/ |
| Population..... | 1,145,000 | 1,840,000 | 2,842,000 |
| Population Per Worker..... | 2.68 | 2.53 | 2.52 |

a/ Data not of sufficient size to warrant projection.

TABLE IV
 POPULATION AND EMPLOYMENT
 HISTORICAL AND PROJECTED
 ECONOMIC SUB-REGION ^{x/}

| | 1940 | 1950 | 1960 | 1980 | 2000 | 2020 |
|----------------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| Employment..... | 820,363 | 1,016,105 | 1,112,995 | 1,424,000 | 1,774,000 | 2,200,000 |
| Agriculture..... | 78,702 | 61,018 | 40,556 | 21,000 | 18,000 | 18,000 |
| Mining..... | 10,427 | 8,242 | 4,359 | 4,000 | 4,000 | 3,000 |
| Construction..... | 32,836 | 51,161 | 58,960 | 88,000 | 113,000 | 145,000 |
| Manufacturing..... | 295,168 | 400,970 | 439,315 | 534,000 | 622,000 | 732,000 |
| Food..... | 25,867 | 32,405 | 38,529 | 37,000 | 38,000 | 35,000 |
| Textiles..... | 7,846 | 8,329 | 5,070 | 2,000 | 2,000 | 2,000 |
| Paper..... | NA | 13,040 | 13,008 | 13,000 | 11,000 | 9,000 |
| Chemicals..... | 17,578 | 22,401 | 23,809 | 23,000 | 22,000 | 21,000 |
| Petroleum..... | NA | 6,123 | 4,329 | 3,000 | 2,000 | 1,000 |
| Primary Metals..... | NA | 47,058 | 51,768 | 63,000 | 71,000 | 76,000 |
| Transportation, etc..... | 62,820 | 80,234 | 73,533 | 64,000 | 55,000 | 48,000 |
| Trade..... | 139,314 | 184,556 | 195,614 | 249,000 | 315,000 | 387,000 |
| Finance, etc..... | 21,504 | 26,988 | 36,846 | 66,000 | 92,000 | 118,000 |
| Services..... | 152,501 | 167,560 | 219,937 | 319,000 | 438,000 | 582,000 |
| Public Administration..... | 26,381 | 34,267 | 40,159 | 73,000 | 109,000 | 158,000 |
| Armed Forces..... | 710 | 1,109 | 3,716 | 6,000 | 8,000 | 9,000 |
| Population..... | 2,364,887 | 2,633,317 | 3,031,543 | 3,831,000 | 4,728,000 | 5,825,000 |
| Population Per Worker..... | 2.88 | 2.59 | 2.68 | 2.69 | 2.67 | 2.65 |

^{x/} Includes 11 counties outside the Appalachian Region. Data for the Appalachian Portion is shown on the following pages.

NA Not available.

TABLE V
POPULATION AND EMPLOYMENT
HISTORICAL AND PROJECTED
ECONOMIC SUB-REGION 2 ^{xx/}

| | 1940 | 1950 | 1960 | 1980 | 2000 | 2020 |
|----------------------------|---------|---------|---------|---------|-----------|-----------|
| Employment..... | 224,234 | 275,695 | 275,724 | 337,000 | 407,000 | 490,000 |
| Agriculture..... | 31,800 | 25,967 | 15,810 | 8,000 | 7,000 | 6,000 |
| Mining..... | 9,365 | 6,934 | 3,376 | 3,000 | 3,000 | 2,000 |
| Construction..... | 8,499 | 13,372 | 12,659 | 19,000 | 23,000 | 28,000 |
| Manufacturing..... | 76,003 | 106,208 | 108,449 | 124,000 | 138,000 | 156,000 |
| Food..... | 4,796 | 5,831 | 6,965 | 7,000 | 7,000 | 7,000 |
| Textiles..... | 2,311 | 3,242 | 1,232 | 1,000 | 1,000 | 1,000 |
| Paper..... | NA | 2,540 | 2,630 | 3,000 | 2,000 | 2,000 |
| Chemicals..... | 3,018 | 3,035 | 2,496 | 2,000 | 2,000 | 2,000 |
| Petroleum..... | NA | 3,826 | 2,560 | 2,000 | 1,000 | 1,000 |
| Primary Metals..... | NA | 8,933 | 10,461 | 13,000 | 16,000 | 17,000 |
| Transportation, etc..... | 15,074 | 20,190 | 17,857 | 15,000 | 13,000 | 11,000 |
| Trade..... | 33,743 | 46,069 | 47,105 | 60,000 | 76,000 | 93,000 |
| Finance, etc..... | 4,560 | 5,638 | 7,771 | 14,000 | 20,000 | 26,000 |
| Services..... | 39,622 | 44,325 | 54,835 | 79,000 | 106,000 | 135,000 |
| Public Administration..... | 5,480 | 6,769 | 7,579 | 14,000 | 20,000 | 32,000 |
| Armed Forces..... | 88 | 223 | 283 | 1,000 | 1,000 | 1,000 |
| Population..... | 675,858 | 741,597 | 784,542 | 965,000 | 1,177,000 | 1,427,000 |
| Population Per Worker..... | 3.01 | 2.69 | 2.85 | 2.86 | 2.89 | 2.91 |

^{xx/} Appalachian Portion.
NA Not available.

TABLE VI
 POPULATION AND EMPLOYMENT
 DEVELOPMENTAL BENCHMARKS
 ECONOMIC SUB-REGION 2

| | 1980 | 2000 | 2020 |
|----------------------------|-----------|-----------|-----------|
| Employment..... | 380,000 | 513,000 | 716,000 |
| Agriculture..... | 8,000 | 7,000 | 6,000 |
| Mining..... | 3,000 | 3,000 | 2,000 |
| Construction..... | 21,000 | 33,000 | 41,000 |
| Manufacturing..... | 136,000 | 179,000 | 244,000 |
| Food..... | 9,000 | 11,000 | 11,000 |
| Textiles..... | 1,000 | 1,000 | 1,000 |
| Paper..... | 3,000 | 3,000 | 3,000 |
| Chemicals..... | 6,000 | 6,000 | 7,000 |
| Petroleum..... | 2,000 | 1,000 | 1,000 |
| Primary Metals..... | 16,000 | 20,000 | 20,000 |
| Transportation, etc..... | 16,000 | 16,000 | 16,000 |
| Trade..... | 68,000 | 91,000 | 126,000 |
| Finance, etc..... | 17,000 | 26,000 | 38,000 |
| Services..... | 91,000 | 126,000 | 190,000 |
| Public Administration..... | 19,000 | 31,000 | 52,000 |
| Armed Forces..... | 1,000 | 1,000 | 1,000 |
| Population..... | 1,017,000 | 1,333,000 | 1,851,000 |
| Population Per Worker..... | 2.65 | 2.60 | 2.58 |

TABLE VII

POPULATION AND EMPLOYMENT
HISTORICAL AND PROJECTED
ECONOMIC SUB-REGION 3 x/

| | 1940 | 1950 | 1960 | 1980 | 2000 | 2020 |
|----------------------------|-----------|-----------|---------|-----------|-----------|-----------|
| Employment..... | 322,734 | 378,286 | 341,935 | 398,000 | 497,000 | 641,000 |
| Agriculture..... | 18,022 | 15,753 | 10,523 | 6,000 | 6,000 | 6,000 |
| Mining..... | 83,633 | 70,533 | 15,540 | 6,000 | 5,000 | 3,000 |
| Construction..... | 11,052 | 17,276 | 16,791 | 20,000 | 25,000 | 30,000 |
| Manufacturing..... | 64,983 | 109,161 | 132,198 | 157,000 | 189,000 | 221,000 |
| Food..... | 7,235 | 8,378 | 10,019 | 9,000 | 8,000 | 7,000 |
| Textiles..... | 18,618 | 19,555 | 12,964 | 7,000 | 5,000 | 4,000 |
| Paper..... | NA | 798 | 814 | 1,000 | 2,000 | 2,000 |
| Chemicals..... | 1,416 | 2,182 | 2,693 | 3,000 | 6,000 | 9,000 |
| Petroleum..... | NA | 148 | 175 | a/ | a/ | a/ |
| Primary Metals..... | NA | 6,092 | 6,596 | 8,000 | 10,000 | 11,000 |
| Transportation, etc..... | 25,631 | 30,521 | 24,978 | 19,000 | 14,000 | 12,000 |
| Trade..... | 50,928 | 62,624 | 59,884 | 75,000 | 107,000 | 141,000 |
| Finance, etc..... | 6,410 | 7,424 | 9,021 | 13,000 | 15,000 | 16,000 |
| Services..... | 53,628 | 53,885 | 58,127 | 77,000 | 107,000 | 156,000 |
| Public Administration..... | 8,447 | 10,817 | 13,949 | 24,000 | 37,000 | 55,000 |
| Armed Forces..... | NA | 292 | 924 | 1,000 | 1,000 | 1,000 |
| Population..... | 1,175,634 | 1,055,419 | 960,934 | 1,103,000 | 1,557,000 | 1,728,000 |
| Population Per Worker..... | 3.64 | 2.79 | 2.81 | 2.77 | 2.75 | 2.70 |

x/ Entirely within Appalachian Region.

NA Not available.

a/ data not sufficient size to warrant projection.

TABLE VIII

POPULATION AND EMPLOYMENT
DEVELOPMENTAL BENCHMARKS
ECONOMIC SUB-REGION 3

| | 1980 | 2000 | 2020 |
|----------------------------|-----------|-----------|-----------|
| Employment..... | 421,000 | 593,000 | 858,000 |
| Agriculture..... | 6,000 | 6,000 | 6,000 |
| Mining..... | 6,000 | 5,000 | 3,000 |
| Construction..... | 21,000 | 30,000 | 40,000 |
| Manufacturing..... | 158,000 | 220,000 | 298,000 |
| Food..... | 10,000 | 9,000 | 9,000 |
| Textiles..... | 7,000 | 6,000 | 5,000 |
| Paper..... | 1,000 | 2,000 | 3,000 |
| Chemicals..... | 3,000 | 6,000 | 10,000 |
| Petroleum..... | a/ | a/ | a/ |
| Primary Metals..... | 8,000 | 12,000 | 14,000 |
| Transportation, etc..... | 20,000 | 17,000 | 17,000 |
| Trade..... | 79,000 | 128,000 | 180,000 |
| Finance, etc..... | 14,000 | 18,000 | 25,000 |
| Services..... | 90,000 | 128,000 | 208,000 |
| Public Administration..... | 26,000 | 40,000 | 80,000 |
| Armed Forces..... | 1,000 | 1,000 | 1,000 |
| Population..... | 1,103,000 | 1,523,000 | 2,120,000 |
| Population Per Worker..... | 2.62 | 2.57 | 2.58 |

a/ Data not of sufficient size to warrant projection.

TABLE IX

POPULATION AND EMPLOYMENT
HISTORICAL AND PROJECTED ^{x/}
ECONOMIC SUB-REGION 4 ^{x/}

| | 1940 | 1950 | 1960 | 1980 | 2000 | 2020 |
|----------------------------|---------|---------|---------|---------|---------|-----------|
| Employment..... | 153,522 | 195,278 | 196,646 | 257,000 | 324,000 | 427,000 |
| Agriculture..... | 17,177 | 14,620 | 9,443 | 6,000 | 5,000 | 5,000 |
| Mining..... | 20,337 | 17,777 | 7,142 | 4,000 | 3,000 | 2,000 |
| Construction..... | 6,187 | 10,854 | 10,535 | 14,000 | 18,000 | 24,000 |
| Manufacturing..... | 41,977 | 64,847 | 71,601 | 93,000 | 106,000 | 136,000 |
| Food..... | 2,836 | 3,655 | 4,921 | 6,000 | 7,000 | 7,000 |
| Textiles..... | 7,151 | 8,151 | 4,930 | 3,000 | 1,000 | 1,000 |
| Paper..... | NA | 3,340 | 3,967 | 5,000 | 7,000 | 8,000 |
| Chemicals..... | 528 | 871 | 2,011 | 4,000 | 7,000 | 10,000 |
| Petroleum..... | NA | 53 | 74 | a/ | a/ | a/ |
| Primary Metals..... | NA | 3,469 | 4,248 | 7,000 | 9,000 | 10,000 |
| Transportation, etc..... | 13,103 | 17,085 | 13,621 | 12,000 | 11,000 | 11,000 |
| Trade..... | 21,071 | 29,429 | 31,840 | 44,000 | 58,000 | 82,000 |
| Finance, etc..... | 2,590 | 3,261 | 4,323 | 7,000 | 10,000 | 12,000 |
| Services..... | 26,884 | 32,004 | 41,130 | 65,000 | 94,000 | 127,000 |
| Public Administration..... | 4,196 | 5,169 | 6,731 | 12,000 | 19,000 | 28,000 |
| Armed Forces..... | 0 | 232 | 280 | a/ | a/ | a/ |
| Population..... | 551,085 | 559,511 | 571,242 | 728,000 | 902,000 | 1,165,000 |
| Population Per Worker..... | 3.59 | 2.87 | 2.90 | 2.83 | 2.78 | 2.73 |

^{x/} Entirely within Appalachian Region.

NA Not available.

a/ Data not of sufficient size to warrant projection.

TABLE X

POPULATION AND EMPLOYMENT
DEVELOPMENTAL BENCHMARKS
ECONOMIC SUB-REGION 4

| | 1980 | 2000 | 2020 |
|----------------------------|---------|---------|-----------|
| Employment..... | 265,000 | 385,000 | 484,000 |
| Agriculture..... | 6,000 | 5,000 | 5,000 |
| Mining..... | 4,000 | 3,000 | 2,000 |
| Construction..... | 14,000 | 19,000 | 26,000 |
| Manufacturing..... | 93,000 | 136,000 | 158,000 |
| Food..... | 6,000 | 7,000 | 8,000 |
| Textiles..... | 3,000 | 1,000 | 1,000 |
| Paper..... | 5,000 | 7,000 | 9,000 |
| Chemicals..... | 4,000 | 7,000 | 11,000 |
| Petroleum..... | a/ | a/ | a/ |
| Primary Metals..... | 7,000 | 10,000 | 11,000 |
| Transportation, etc..... | 12,000 | 12,000 | 12,000 |
| Trade..... | 40,000 | 65,000 | 87,000 |
| Finance, etc..... | 7,000 | 15,000 | 25,000 |
| Services..... | 71,000 | 110,000 | 140,000 |
| Public Administration..... | 18,000 | 20,000 | 20,000 |
| Armed Forces..... | a/ | a/ | a/ |
| Population..... | 770,000 | 967,000 | 1,249,000 |
| Population Per Worker..... | 2.90 | 2.53 | 2.58 |

a/ Data not of sufficient size to warrant projection.

TABLE XI

POPULATION AND EMPLOYMENT
HISTORICAL AND PROJECTED
ECONOMIC SUB-REGION 5 ^{x/}

| | 1940 | 1950 | 1960 | 1980 | 2000 | 2020 |
|----------------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| Employment..... | 479,549 | 585,706 | 644,096 | 855,000 | 1,114,000 | 1,452,000 |
| Agriculture..... | 67,366 | 57,981 | 41,781 | 28,000 | 26,000 | 24,000 |
| Mining..... | 11,469 | 8,686 | 5,513 | 5,000 | 5,000 | 5,000 |
| Construction..... | 26,443 | 36,569 | 38,055 | 46,000 | 54,000 | 62,000 |
| Manufacturing..... | 155,798 | 188,033 | 216,211 | 272,000 | 324,000 | 388,000 |
| Food..... | 14,745 | 18,844 | 24,165 | 26,000 | 30,000 | 30,000 |
| Textiles..... | 22,602 | 22,589 | 12,224 | 6,000 | 3,000 | 2,000 |
| Paper..... | NA | 8,089 | 9,704 | 13,000 | 16,000 | 20,000 |
| Chemicals..... | 13,177 | 9,310 | 9,966 | 12,000 | 15,000 | 19,000 |
| Petroleum..... | NA | 479 | 509 | 1,000 | 1,000 | 1,000 |
| Primary Metals..... | NA | 17,482 | 16,703 | 16,000 | 14,000 | 13,000 |
| Transportation, etc..... | 48,333 | 63,462 | 55,549 | 48,000 | 40,000 | 35,000 |
| Trade..... | 67,438 | 93,446 | 108,478 | 162,000 | 229,000 | 308,000 |
| Finance, etc..... | 8,824 | 11,699 | 17,033 | 34,000 | 54,000 | 78,000 |
| Services..... | 73,957 | 84,775 | 111,420 | 178,000 | 264,000 | 374,000 |
| Public Administration..... | 17,946 | 36,019 | 46,547 | 79,000 | 115,000 | 155,000 |
| Armed Forces..... | 1,975 | 5,036 | 3,509 | 3,000 | 3,000 | 3,000 |
| Population..... | 1,415,758 | 1,535,952 | 1,708,279 | 2,249,000 | 2,913,000 | 3,732,000 |
| Population Per Worker..... | 2.95 | 2.62 | 2.65 | 2.63 | 2.61 | 2.61 |

^{x/} Includes 7 counties outside the Appalachian Region. Data for the Appalachian Portion is shown on the following pages.

NA Not available.

TABLE XII

POPULATION AND EMPLOYMENT
HISTORICAL AND PROJECTED
ECONOMIC SUB-REGION 5 ^{xx/}

| | 1940 | 1950 | 1960 | 1980 | 2000 | 2020 |
|----------------------------|---------|---------|---------|---------|---------|-----------|
| Employment..... | 175,974 | 202,998 | 206,929 | 264,000 | 333,000 | 425,000 |
| Agriculture..... | 28,109 | 24,790 | 16,104 | 10,000 | 9,000 | 8,000 |
| Mining..... | 8,026 | 5,662 | 2,742 | 2,000 | 2,000 | 2,000 |
| Construction..... | 9,587 | 11,759 | 12,607 | 16,000 | 19,000 | 22,000 |
| Manufacturing..... | 43,050 | 50,470 | 58,914 | 76,000 | 91,000 | 109,000 |
| Food..... | 3,103 | 4,058 | 5,235 | 6,000 | 7,000 | 7,000 |
| Textiles..... | 5,825 | 5,332 | 3,722 | 2,000 | 1,000 | 1,000 |
| Paper..... | NA | 3,206 | 4,266 | 6,000 | 8,000 | 10,000 |
| Chemicals..... | 12,356 | 8,022 | 7,127 | 8,000 | 10,000 | 11,000 |
| Petroleum..... | NA | 37 | 86 | a/ | a/ | a/ |
| Primary Metals..... | NA | 2,480 | 2,369 | 2,000 | 2,000 | 2,000 |
| Transportation, etc..... | 28,033 | 36,312 | 28,568 | 24,000 | 20,000 | 17,000 |
| Trade..... | 24,514 | 33,459 | 36,992 | 53,000 | 71,000 | 99,000 |
| Finance, etc..... | 2,823 | 3,529 | 4,635 | 9,000 | 14,000 | 20,000 |
| Services..... | 27,243 | 30,556 | 37,350 | 59,000 | 85,000 | 120,000 |
| Public Administration..... | 4,589 | 6,170 | 8,161 | 14,000 | 21,000 | 27,000 |
| Armed Forces..... | 0 | 291 | 856 | 1,000 | 1,000 | 1,000 |
| Population..... | 591,562 | 604,450 | 615,582 | 742,000 | 912,000 | 1,157,000 |
| Population Per Worker..... | 3.36 | 2.98 | 2.97 | 2.70 | 2.74 | 2.72 |

xx/ Appalachian Portion.

NA Not available.

a/ Data not of sufficient size to warrant projection.

TABLE XIII

POPULATION AND EMPLOYMENT
DEVELOPMENTAL BENCHMARKS
ECONOMIC SUB-REGION 5

| | 1980 | 2000 | 2020 |
|----------------------------|---------|---------|-----------|
| Employment..... | 275,000 | 400,000 | 504,000 |
| Agriculture..... | 10,000 | 9,000 | 8,000 |
| Mining..... | 2,000 | 2,000 | 2,000 |
| Construction..... | 19,000 | 22,000 | 26,000 |
| Manufacturing..... | 80,000 | 124,000 | 147,000 |
| Food..... | 11,000 | 12,000 | 13,000 |
| Textiles..... | 3,000 | 1,000 | 1,000 |
| Paper..... | 7,000 | 8,000 | 10,000 |
| Chemicals..... | 8,000 | 6,000 | 13,000 |
| Petroleum..... | a/ | a/ | a/ |
| Primary Metals..... | 4,000 | 6,000 | 6,000 |
| Transportation, etc..... | 24,000 | 20,000 | 17,000 |
| Trade..... | 54,000 | 79,000 | 105,000 |
| Finance, etc..... | 10,000 | 25,000 | 28,000 |
| Services..... | 60,000 | 83,000 | 125,000 |
| Public Administration..... | 15,000 | 35,000 | 45,000 |
| Armed Forces..... | 1,000 | 1,000 | 1,000 |
| Population..... | 742,000 | 924,000 | 1,248,000 |
| Population Per Worker..... | 2.80 | 2.51 | 2.58 |

a/ Data not of sufficient size to warrant projection.

TABLE XIV

POPULATION AND EMPLOYMENT
HISTORICAL AND PROJECTED
ECONOMIC SUB-REGION 6 x/

| | 1940 | 1950 | 1960 | 1980 | 2000 | 2020 |
|----------------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| Employment..... | 1,106,886 | 1,330,619 | 1,332,810 | 1,602,000 | 1,880,000 | 2,192,000 |
| Agriculture..... | 62,679 | 49,734 | 29,549 | 15,000 | 11,000 | 11,000 |
| Mining..... | 123,475 | 108,034 | 42,991 | 23,000 | 16,000 | 11,000 |
| Construction..... | 44,042 | 67,722 | 69,127 | 87,000 | 106,000 | 125,000 |
| Manufacturing..... | 371,226 | 475,098 | 499,261 | 562,000 | 607,000 | 660,000 |
| Food..... | 22,807 | 26,403 | 31,757 | 30,000 | 30,000 | 30,000 |
| Textiles..... | 1,811 | 2,214 | 1,036 | a/ | a/ | a/ |
| Paper..... | NA | 4,448 | 4,898 | 5,000 | 6,000 | 6,000 |
| Chemicals..... | 5,306 | 10,332 | 14,746 | 23,000 | 36,000 | 57,000 |
| Petroleum..... | NA | 9,561 | 2,796 | 2,000 | 1,000 | 1,000 |
| Primary Metals..... | NA | 221,045 | 213,373 | 206,000 | 180,000 | 152,000 |
| Transportation, etc..... | 84,330 | 118,000 | 103,132 | 96,000 | 89,000 | 82,000 |
| Trade..... | 177,712 | 236,305 | 243,743 | 311,000 | 377,000 | 438,000 |
| Finance, etc..... | 28,605 | 35,549 | 45,491 | 76,000 | 99,000 | 122,000 |
| Services..... | 184,655 | 200,620 | 253,063 | 361,000 | 475,000 | 610,000 |
| Public Administration..... | 30,125 | 37,721 | 44,259 | 69,000 | 98,000 | 131,000 |
| Armed Forces..... | 37 | 1,836 | 2,194 | 2,000 | 2,000 | 2,000 |
| Population..... | 3,646,299 | 3,775,055 | 3,977,215 | 4,666,000 | 5,379,000 | 6,180,000 |
| Population Per Worker..... | 3.29 | 2.84 | 2.98 | 2.91 | 2.86 | 2.82 |

x/ Includes one county outside the Appalachian Region. Data for the Appalachian Portion is shown on the following pages.

NA Not available.

a/ Data not of sufficient size to warrant projection.

TABLE XV

POPULATION AND EMPLOYMENT
HISTORICAL AND PROJECTED
ECONOMIC SUB-REGION 6 ^{xx/}

| | 1940 | 1950 | 1960 | 1980 | 2000 | 2020 |
|----------------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| Employment..... | 1,076,966 | 1,293,112 | 1,295,319 | 1,520,000 | 1,795,000 | 2,092,000 |
| Agriculture..... | 59,253 | 47,085 | 27,865 | 15,000 | 11,000 | 10,000 |
| Mining..... | 122,301 | 106,994 | 42,148 | 23,000 | 16,000 | 10,000 |
| Construction..... | 43,002 | 66,282 | 67,800 | 90,000 | 106,000 | 115,000 |
| Manufacturing..... | 358,397 | 456,842 | 481,524 | 550,000 | 607,000 | 650,000 |
| Food..... | 22,466 | 25,964 | 31,252 | 30,000 | 30,000 | 33,000 |
| Textiles..... | 1,804 | 2,209 | 1,036 | a/ | a/ | a/ |
| Paper..... | NA | 4,436 | 4,898 | 5,000 | 6,000 | 6,000 |
| Chemicals..... | 5,266 | 10,262 | 13,815 | 23,000 | 36,000 | 57,000 |
| Petroleum..... | NA | 9,561 | 2,796 | 2,000 | 1,000 | 1,000 |
| Primary Metals..... | NA | 221,045 | 203,256 | 206,000 | 180,000 | 152,000 |
| Transportation, etc..... | 82,703 | 115,676 | 101,130 | 99,000 | 89,000 | 80,000 |
| Trade..... | 173,318 | 230,461 | 237,028 | 300,000 | 377,000 | 420,000 |
| Finance, etc..... | 28,127 | 34,907 | 44,704 | 75,000 | 99,000 | 115,000 |
| Services..... | 180,328 | 196,048 | 247,508 | 311,000 | 390,000 | 570,000 |
| Public Administration..... | 29,500 | 37,016 | 43,432 | 55,000 | 98,000 | 120,000 |
| Armed Forces..... | 37 | 1,801 | 2,180 | 2,000 | 2,000 | 2,000 |
| Population..... | 3,543,218 | 3,672,438 | 3,870,212 | 4,505,000 | 5,163,000 | 5,975,000 |
| Population Per Worker..... | 3.29 | 2.84 | 2.98 | 2.96 | 2.90 | 2.81 |

^{xx/} Appalachian Portion.

NA Not available.

a/ Data not of sufficient size to warrant projection.

TABLE XVI

POPULATION AND EMPLOYMENT
DEVELOPMENTAL BENCHMARKS
ECONOMIC SUB-REGION 6

| | 1980 | 2000 | 2020 |
|----------------------------|-----------|-----------|-----------|
| Employment..... | 1,520,000 | 2,200,000 | 2,733,000 |
| Agriculture..... | 15,000 | 11,000 | 10,000 |
| Mining..... | 23,000 | 16,000 | 10,000 |
| Construction..... | 90,000 | 116,000 | 180,000 |
| Manufacturing..... | 550,000 | 725,000 | 835,000 |
| Food..... | 30,000 | 35,000 | 43,000 |
| Textiles..... | a/ | a/ | a/ |
| Paper..... | 5,000 | 7,000 | 9,000 |
| Chemicals..... | 23,000 | 37,000 | 77,000 |
| Petroleum..... | 2,000 | 1,000 | 1,000 |
| Primary Metals..... | 206,000 | 189,000 | 183,000 |
| Transportation, etc..... | 99,000 | 120,000 | 125,000 |
| Trade..... | 300,000 | 430,000 | 551,000 |
| Finance, etc..... | 75,000 | 115,000 | 175,000 |
| Services..... | 311,000 | 550,000 | 675,000 |
| Public Administration..... | 55,000 | 115,000 | 170,000 |
| Armed Forces..... | 2,000 | 2,000 | 2,000 |
| Population..... | 4,539,000 | 6,200,000 | 7,708,000 |
| Population Per Worker..... | 2.89 | 2.85 | 2.84 |

a/ Data not of sufficient size to warrant projection.

TABLE XVII

POPULATION AND EMPLOYMENT
HISTORICAL AND PROJECTED
ECONOMIC SUB-REGION 7 x/

| | 1940 | 1950 | 1960 | 1980 | 2000 | 2020 |
|----------------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| Employment..... | 1,040,180 | 1,384,652 | 1,587,682 | 2,201,000 | 2,852,000 | 3,804,000 |
| Agriculture..... | 73,252 | 58,193 | 40,050 | 23,000 | 19,000 | 18,000 |
| Mining..... | 6,406 | 6,097 | 5,196 | 5,000 | 5,000 | 5,000 |
| Construction..... | 40,821 | 68,806 | 76,095 | 112,000 | 161,000 | 226,000 |
| Manufacturing..... | 411,063 | 587,838 | 672,757 | 883,000 | 1,018,000 | 1,301,000 |
| Food..... | 19,770 | 22,333 | 31,296 | 37,000 | 45,000 | 49,000 |
| Textiles..... | 5,388 | 7,598 | 5,721 | 4,000 | 3,000 | 3,000 |
| Paper..... | NA | 10,434 | 11,841 | 13,000 | 14,000 | 15,000 |
| Chemicals..... | 14,350 | 21,249 | 27,662 | 37,000 | 48,000 | 63,000 |
| Petroleum..... | NA | 4,867 | 4,721 | 6,000 | 6,000 | 6,000 |
| Primary Metals..... | NA | 132,779 | 129,494 | 125,000 | 108,000 | 97,000 |
| Transportation, etc..... | 78,974 | 113,120 | 110,236 | 113,000 | 113,000 | 117,000 |
| Trade..... | 185,155 | 249,506 | 281,040 | 389,000 | 516,000 | 657,000 |
| Finance, etc..... | 31,505 | 38,906 | 54,869 | 100,000 | 140,000 | 185,000 |
| Services..... | 183,925 | 215,761 | 291,755 | 490,000 | 749,000 | 1,106,000 |
| Public Administration..... | 28,476 | 44,519 | 53,404 | 85,000 | 130,000 | 188,000 |
| Armed Forces..... | 603 | 1,886 | 2,280 | 1,000 | 1,000 | 1,000 |
| Population..... | 2,962,669 | 3,458,372 | 4,300,220 | 5,870,000 | 7,539,000 | 9,989,000 |
| Population Per Worker..... | 2.85 | 2.50 | 2.71 | 2.67 | 2.64 | 2.63 |

x/ Includes 20 counties outside the Appalachian Region. Data for the Appalachian Portion is shown on the following pages.

NA Not available.

TABLE XVIII

POPULATION AND EMPLOYMENT
HISTORICAL AND PROJECTED
ECONOMIC SUB-REGION 7 xx/

| | 1940 | 1950 | 1960 | 1980 | 2000 | 2020 |
|----------------------------|---------|---------|---------|---------|---------|---------|
| Employment..... | 41,821 | 50,084 | 51,448 | 69,000 | 89,000 | 118,000 |
| Agriculture..... | 10,332 | 8,855 | 5,926 | 3,000 | 3,000 | 3,000 |
| Mining..... | 3,102 | 2,889 | 1,584 | 1,000 | 1,000 | 1,000 |
| Construction..... | 1,722 | 2,470 | 2,821 | 4,000 | 6,000 | 10,000 |
| Manufacturing..... | 11,109 | 16,653 | 19,838 | 28,000 | 36,000 | 48,000 |
| Food..... | 615 | 753 | 909 | 1,000 | 1,000 | 2,000 |
| Textiles..... | 10 | 40 | 83 | a/ | a/ | a/ |
| Paper..... | NA | 781 | 905 | 1,000 | 1,000 | 1,000 |
| Chemicals..... | 131 | 331 | 402 | 1,000 | 1,000 | 1,000 |
| Petroleum..... | NA | 6 | 0 | 0 | 0 | 0 |
| Primary Metals..... | NA | 2,667 | 2,245 | 2,000 | 2,000 | 2,000 |
| Transportation, etc..... | 2,478 | 3,385 | 3,093 | 3,000 | 3,000 | 3,000 |
| Trade..... | 5,559 | 7,562 | 8,347 | 12,000 | 16,000 | 20,000 |
| Finance, etc..... | 567 | 734 | 1,008 | 2,000 | 3,000 | 3,000 |
| Services..... | 5,966 | 6,401 | 7,651 | 14,000 | 18,000 | 27,000 |
| Public Administration..... | 986 | 1,113 | 1,157 | 2,000 | 3,000 | 3,000 |
| Armed Forces..... | 0 | 22 | 23 | a/ | a/ | a/ |
| Population..... | 134,735 | 139,260 | 151,461 | 187,000 | 226,000 | 290,000 |
| Population Per Worker..... | 3.22 | 2.78 | 2.94 | 2.71 | 2.55 | 2.46 |

xx Entirely within Appalachian Region.

NA Not available.

a/ Data not of sufficient size to warrant projection.

TABLE XIX
 POPULATION AND EMPLOYMENT
 DEVELOPMENTAL BENCHMARKS
 ECONOMIC SUB-REGION 7

| | 1980 | 2000 | 2020 |
|----------------------------|---------|---------|---------|
| Employment..... | 69,000 | 100,000 | 139,000 |
| Agriculture..... | 3,000 | 3,000 | 3,000 |
| Mining..... | 1,000 | 1,000 | 1,000 |
| Construction..... | 4,000 | 6,000 | 10,000 |
| Manufacturing..... | 28,000 | 40,000 | 47,000 |
| Food..... | 1,000 | 2,000 | 3,000 |
| Textiles..... | a/ | a/ | a/ |
| Paper..... | 1,000 | 1,000 | 1,000 |
| Chemicals..... | 1,000 | 2,000 | 2,000 |
| Petroleum..... | 0 | 0 | 0 |
| Primary Metals..... | 2,000 | 3,000 | 3,000 |
| Transportation, etc..... | 3,000 | 4,000 | 4,000 |
| Trade..... | 12,000 | 18,000 | 23,000 |
| Finance, etc..... | 2,000 | 4,000 | 7,000 |
| Services..... | 14,000 | 20,000 | 37,000 |
| Public Administration..... | 2,000 | 4,000 | 7,000 |
| Armed Forces..... | a/ | a/ | a/ |
| Population..... | 187,000 | 258,000 | 358,000 |
| Population Per Worker..... | 2.76 | 2.57 | 2.58 |

a/ Data not sufficient size to warrant projection.

TABLE XX

POPULATION AND EMPLOYMENT
HISTORICAL AND PROJECTED
ECONOMIC SUB-REGION 8 x/

| | 1940 | 1950 | 1960 | 1980 | 2000 | 2020 |
|----------------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| Employment..... | 352,016 | 454,031 | 539,033 | 815,000 | 1,185,000 | 1,657,000 |
| Agriculture..... | 57,616 | 49,108 | 26,987 | 14,000 | 10,000 | 7,000 |
| Mining..... | 10,444 | 9,581 | 5,307 | 4,000 | 4,000 | 3,000 |
| Construction..... | 17,591 | 26,918 | 33,869 | 54,000 | 79,000 | 113,000 |
| Manufacturing..... | 81,023 | 116,540 | 159,803 | 257,000 | 364,000 | 479,000 |
| Food..... | 9,047 | 10,925 | 13,704 | 14,000 | 14,000 | 13,000 |
| Textiles..... | 1,400 | 1,656 | 1,392 | 1,000 | 1,000 | 1,000 |
| Paper..... | NA | 4,215 | 6,815 | 13,000 | 21,000 | 31,000 |
| Chemicals..... | 5,472 | 5,830 | 10,255 | 16,000 | 25,000 | 40,000 |
| Petroleum..... | NA | 1,033 | 1,384 | 2,000 | 2,000 | 2,000 |
| Primary Metals..... | NA | 6,834 | 10,417 | 18,000 | 23,000 | 26,000 |
| Transportation, etc..... | 29,348 | 40,529 | 37,988 | 37,000 | 36,000 | 35,000 |
| Trade..... | 62,643 | 88,920 | 99,658 | 152,000 | 218,000 | 342,000 |
| Finance, etc..... | 10,253 | 15,422 | 21,078 | 37,000 | 51,000 | 66,000 |
| Services..... | 67,120 | 81,825 | 117,787 | 203,000 | 340,000 | 498,000 |
| Public Administration..... | 14,726 | 23,456 | 29,065 | 48,000 | 72,000 | 101,000 |
| Armed Forces..... | 1,252 | 1,732 | 7,491 | 9,000 | 11,000 | 13,000 |
| Population..... | 1,111,696 | 1,246,850 | 1,520,632 | 2,228,000 | 3,177,000 | 4,392,000 |
| Population Per Worker..... | 3.16 | 2.75 | 2.82 | 2.73 | 2.68 | 2.65 |

x/ Includes 8 counties outside the Appalachian Region. Data for the Appalachian Portion is shown on the following pages.

NA Not available.

TABLE XXI

POPULATION AND EMPLOYMENT
HISTORICAL AND PROJECTED
ECONOMIC SUB-REGION 8 xx/

| | 1940 | 1950 | 1960 | 1980 | 2000 | 2020 |
|----------------------------|---------|---------|---------|---------|---------|-----------|
| Employment..... | 131,456 | 154,918 | 158,697 | 222,000 | 310,000 | 409,000 |
| Agriculture..... | 30,659 | 26,312 | 11,519 | 6,000 | 4,000 | 3,000 |
| Mining..... | 9,382 | 8,475 | 4,010 | 3,000 | 3,000 | 2,000 |
| Construction..... | 6,019 | 9,187 | 10,444 | 16,000 | 22,000 | 31,000 |
| Manufacturing..... | 29,652 | 39,685 | 50,269 | 75,000 | 102,000 | 125,000 |
| Food..... | 1,875 | 2,532 | 3,349 | 4,000 | 4,000 | 4,000 |
| Textiles..... | 338 | 666 | 107 | a/ | a/ | a/ |
| Paper..... | NA | 2,352 | 4,068 | 8,000 | 14,000 | 21,000 |
| Chemicals..... | 4,043 | 3,703 | 6,330 | 10,000 | 16,000 | 26,000 |
| Petroleum..... | NA | 89 | 262 | 1,000 | 1,000 | 1,000 |
| Primary Metals..... | NA | 2,437 | 4,760 | 9,000 | 12,000 | 14,000 |
| Transportation, etc..... | 8,447 | 11,763 | 11,163 | 11,000 | 11,000 | 10,000 |
| Trade..... | 19,530 | 27,471 | 29,312 | 44,000 | 61,000 | 92,000 |
| Finance, etc..... | 2,125 | 2,701 | 3,596 | 6,000 | 8,000 | 10,000 |
| Services..... | 21,751 | 24,679 | 32,282 | 50,000 | 82,000 | 110,000 |
| Public Administration..... | 3,891 | 4,495 | 5,988 | 11,000 | 17,000 | 26,000 |
| Armed Forces..... | 0 | 150 | 114 | a/ | a/ | a/ |
| Population..... | 470,825 | 468,089 | 502,026 | 680,000 | 921,000 | 1,193,000 |
| Population Per Worker..... | 3.58 | 3.02 | 3.16 | 3.06 | 2.97 | 2.91 |

xx/ Appalachian Portion.

NA Not available.

a/ Data not of sufficient size to warrant projection.

TABLE XXII
 POPULATION AND EMPLOYMENT
 DEVELOPMENTAL BENCHMARKS
 ECONOMIC SUB-REGION 8

| | 1980 | 2000 | 2020 |
|----------------------------|---------|---------|-----------|
| Employment..... | 243,000 | 358,000 | 505,000 |
| Agriculture..... | 6,000 | 4,000 | 3,000 |
| Mining..... | 3,000 | 3,000 | 2,000 |
| Construction..... | 16,000 | 24,000 | 35,000 |
| Manufacturing..... | 77,000 | 120,000 | 146,000 |
| Food..... | 4,000 | 4,000 | 5,000 |
| Textiles..... | a/ | a/ | a/ |
| Paper..... | 8,000 | 14,000 | 21,000 |
| Chemicals..... | 10,000 | 16,000 | 26,000 |
| Petroleum..... | 1,000 | 1,000 | 1,000 |
| Primary Metals..... | 11,000 | 12,000 | 20,000 |
| Transportation, etc..... | 11,000 | 11,000 | 11,000 |
| Trade..... | 45,000 | 66,000 | 105,000 |
| Finance, etc..... | 11,000 | 15,000 | 20,000 |
| Services..... | 60,000 | 93,000 | 152,000 |
| Public Administration..... | 14,000 | 22,000 | 31,000 |
| Armed Forces..... | a/ | a/ | a/ |
| Population..... | 680,000 | 939,000 | 1,304,000 |
| Population Per Worker..... | 2.79 | 2.63 | 2.58 |

a/ Data not of sufficient size to warrant projection.

TABLE XXIII

POPULATION AND EMPLOYMENT
HISTORICAL AND PROJECTED
ECONOMIC SUB-REGION 9x/

| | 1940 | 1950 | 1960 | 1980 | 2000 | 2020 |
|----------------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| Employment..... | 653,244 | 844,821 | 992,073 | 1,368,000 | 1,873,000 | 2,502,000 |
| Agriculture..... | 86,892 | 74,580 | 47,910 | 27,000 | 23,000 | 22,000 |
| Mining..... | 1,208 | 1,274 | 1,777 | 2,000 | 3,000 | 3,000 |
| Construction..... | 32,148 | 46,713 | 55,836 | 87,000 | 129,000 | 189,000 |
| Manufacturing..... | 211,532 | 290,968 | 359,647 | 482,000 | 637,000 | 841,000 |
| Food..... | 18,425 | 22,235 | 29,406 | 31,000 | 33,000 | 32,000 |
| Textiles..... | 3,366 | 3,249 | 3,466 | 3,000 | 4,000 | 4,000 |
| Paper..... | NA | 17,143 | 19,564 | 23,000 | 26,000 | 27,000 |
| Chemicals..... | 10,548 | 13,978 | 20,063 | 29,000 | 40,000 | 58,000 |
| Petroleum..... | NA | 2,176 | 2,426 | 3,000 | 3,000 | 3,000 |
| Primary Metals..... | NA | 19,553 | 18,163 | 15,000 | 13,000 | 10,000 |
| Transportation, etc..... | 43,875 | 60,135 | 61,574 | 63,000 | 64,000 | 66,000 |
| Trade..... | 115,621 | 159,388 | 178,039 | 241,000 | 327,000 | 420,000 |
| Finance, etc..... | 20,569 | 25,932 | 36,784 | 63,000 | 90,000 | 116,000 |
| Services..... | 118,889 | 138,963 | 187,891 | 299,000 | 443,000 | 622,000 |
| Public Administration..... | 19,304 | 42,671 | 55,225 | 96,000 | 148,000 | 214,000 |
| Armed Forces..... | 3,206 | 4,197 | 7,390 | 8,000 | 9,000 | 9,000 |
| Population..... | 1,859,007 | 2,187,743 | 2,715,166 | 3,678,000 | 4,973,000 | 6,592,000 |
| Population Per Worker..... | 2.85 | 2.59 | 2.74 | 2.69 | 2.66 | 2.63 |

x/ Includes 26 counties outside the Appalachian Region. Data for the Appalachian Portion is shown on the following pages.
NA Not available.

TABLE XXIV

POPULATION AND EMPLOYMENT
HISTORICAL AND PROJECTED
ECONOMIC SUB-REGION 9 ^{xx/}

| | 1940 | 1950 | 1960 | 1980 | 2000 | 2020 |
|----------------------------|---------|---------|---------|---------|---------|---------|
| Employment..... | 40,542 | 46,638 | 58,556 | 80,000 | 90,000 | 135,000 |
| Agriculture..... | 19,989 | 18,077 | 9,305 | 5,000 | 5,000 | 4,000 |
| Mining..... | 168 | 220 | 98 | a/ | a/ | a/ |
| Construction..... | 2,171 | 2,912 | 2,319 | 4,000 | 5,000 | 8,000 |
| Manufacturing..... | 5,639 | 8,925 | 20,201 | 31,000 | 34,000 | 55,000 |
| Food..... | 618 | 1,222 | 1,368 | 2,000 | 3,000 | 3,000 |
| Textiles..... | 320 | 590 | 252 | a/ | a/ | a/ |
| Paper..... | NA | 349 | 390 | a/ | a/ | a/ |
| Chemicals..... | 280 | 556 | 701 | 1,000 | 1,000 | 2,000 |
| Petroleum..... | NA | 98 | 128 | a/ | a/ | a/ |
| Primary Metals..... | NA | 340 | 351 | a/ | a/ | a/ |
| Transportation, etc..... | 1,722 | 2,525 | 1,737 | 2,000 | 2,000 | 2,000 |
| Trade..... | 4,396 | 6,357 | 4,980 | 7,000 | 9,000 | 13,000 |
| Finance, etc..... | 533 | 801 | 692 | 1,000 | 2,000 | 3,000 |
| Services..... | 5,143 | 5,679 | 18,077 | 29,000 | 31,000 | 49,000 |
| Public Administration..... | 781 | 1,122 | 912 | 1,000 | 2,000 | 3,000 |
| Armed Forces..... | 0 | 20 | 35 | a/ | a/ | a/ |
| Population..... | 133,564 | 138,572 | 179,411 | 227,000 | 283,000 | 388,000 |
| Population Per Worker..... | 3.29 | 2.97 | 3.08 | 2.84 | 2.84 | 2.84 |

xx/ Appalachian Portion.

NA Not available.

a/ Data not of sufficient size to warrant projection.

TABLE XXV

POPULATION AND EMPLOYMENT
DEVELOPMENTAL BENCHMARKS
ECONOMIC SUB-REGION 9

| | 1980 | 2000 | 2020 |
|----------------------------|---------|---------|---------|
| Employment..... | 80,000 | 120,000 | 168,000 |
| Agriculture..... | 5,000 | 5,000 | 4,000 |
| Mining..... | a/ | a/ | a/ |
| Construction..... | 4,000 | 8,000 | 10,000 |
| Manufacturing..... | 31,000 | 40,000 | 57,000 |
| Food..... | 2,000 | 3,000 | 3,000 |
| Textiles..... | a/ | a/ | a/ |
| Paper..... | a/ | a/ | a/ |
| Chemicals..... | 2,000 | 3,000 | 4,000 |
| Petroleum..... | a/ | a/ | a/ |
| Primary Metals..... | a/ | a/ | a/ |
| Transportation, etc..... | 2,000 | 4,000 | 4,000 |
| Trade..... | 7,000 | 16,000 | 20,000 |
| Finance, etc..... | 1,000 | 6,000 | 8,000 |
| Services..... | 29,000 | 35,000 | 55,000 |
| Public Administration..... | 1,000 | 6,000 | 10,000 |
| Armed Forces..... | a/ | a/ | a/ |
| Population..... | 227,000 | 314,000 | 435,000 |
| Population Per Worker..... | 2.85 | 2.63 | 2.58 |

a/ Data not of sufficient size to warrant projection.

TABLE XXVI

POPULATION AND EMPLOYMENT
HISTORICAL AND PROJECTED
ECONOMIC SUB-REGION 10 x/

| | 1940 | 1950 | 1960 | 1980 | 2000 | 2020 |
|----------------------------|---------|---------|---------|---------|---------|---------|
| Employment..... | 79,339 | 96,312 | 103,596 | 147,000 | 199,000 | 277,000 |
| Agriculture..... | 25,823 | 22,649 | 14,295 | 9,000 | 7,000 | 8,000 |
| Mining..... | 729 | 537 | 565 | a/ | a/ | a/ |
| Construction..... | 5,506 | 8,031 | 8,061 | 10,000 | 12,000 | 14,000 |
| Manufacturing..... | 16,013 | 24,014 | 30,219 | 48,000 | 66,000 | 91,000 |
| Food..... | 1,477 | 2,849 | 4,404 | 6,000 | 8,000 | 9,000 |
| Textiles..... | 4,400 | 7,297 | 4,484 | 2,000 | 1,000 | 1,000 |
| Paper..... | NA | 174 | 413 | 1,000 | 2,000 | 3,000 |
| Chemicals..... | 2,567 | 5,732 | 6,368 | 8,000 | 10,000 | 12,000 |
| Petroleum..... | NA | 0 | 0 | 0 | 0 | 0 |
| Primary Metals..... | NA | 150 | 219 | a/ | a/ | a/ |
| Transportation, etc..... | 3,311 | 5,285 | 5,855 | 8,000 | 9,000 | 10,000 |
| Trade..... | 9,153 | 14,633 | 17,078 | 28,000 | 41,000 | 58,000 |
| Finance, etc..... | 973 | 1,397 | 2,149 | 5,000 | 9,000 | 15,000 |
| Services..... | 15,958 | 17,363 | 22,017 | 32,000 | 45,000 | 61,000 |
| Public Administration..... | 1,708 | 2,287 | 3,223 | 7,000 | 12,000 | 20,000 |
| Armed Forces..... | 165 | 116 | 134 | a/ | a/ | a/ |
| Population..... | 244,231 | 266,296 | 286,399 | 396,000 | 529,000 | 730,000 |
| Population Per Worker..... | 3.08 | 2.76 | 2.75 | 2.69 | 2.66 | 2.64 |

x/ Includes 9 counties outside the Appalachian Region. Data for the Appalachian Portion is shown on the following pages.

NA Not available.

a/ Data not of sufficient size to warrant projection.

TABLE XXVII

POPULATION AND EMPLOYMENT
HISTORICAL AND PROJECTED
ECONOMIC SUB-REGION 10 xx

| | 1940 | 1950 | 1960 | 1980 | 2000 | 2020 |
|----------------------------|--------|--------|--------|--------|--------|--------|
| Employment..... | 9,710 | 9,793 | 7,970 | 10,000 | 12,000 | 17,000 |
| Agriculture..... | 4,800 | 4,622 | 2,446 | 1,000 | 1,000 | 1,000 |
| Mining..... | 19 | 16 | 25 | a/ | a/ | a/ |
| Construction..... | 517 | 644 | 686 | 1,000 | 1,000 | 1,000 |
| Manufacturing..... | 1,108 | 1,158 | 1,293 | 2,000 | 3,000 | 4,000 |
| Food..... | 65 | 205 | 265 | 1,000 | 1,000 | 1,000 |
| Textiles..... | 16 | 11 | 4 | a/ | a/ | a/ |
| Paper..... | NA | 3 | 44 | a/ | a/ | a/ |
| Chemicals..... | 7 | 30 | 4 | 1,000 | 1,000 | 1,000 |
| Petroleum..... | NA | 0 | 0 | 0 | 0 | 0 |
| Primary Metals..... | NA | 1 | 17 | a/ | a/ | a/ |
| Transportation, etc..... | 248 | 370 | 434 | 1,000 | 1,000 | 2,000 |
| Trade..... | 575 | 813 | 861 | 1,000 | 2,000 | 2,000 |
| Finance, etc..... | 41 | 51 | 89 | 1,000 | 1,000 | 1,000 |
| Services..... | 2,145 | 1,865 | 1,769 | 2,000 | 2,000 | 4,000 |
| Public Administration..... | 257 | 249 | 359 | 1,000 | 1,000 | 2,000 |
| Armed Forces..... | 0 | 5 | 8 | a/ | a/ | a/ |
| Population..... | 33,763 | 29,710 | 25,957 | 30,000 | 56,000 | 48,000 |
| Population Per Worker..... | 3.48 | 3.03 | 3.26 | 3.00 | 5.00 | 2.81 |

xx/ Appalachian Portion.

NA Not available.

a/ Data not of sufficient size to warrant projection.

TABLE XVIII

POPULATION AND EMPLOYMENT
DEVELOPMENTAL BENCHMARKS
ECONOMIC SUB-REGION 10

| | 1980 | 2000 | 2020 |
|----------------------------|--------|--------|--------|
| Employment..... | 10,000 | 16,000 | 22,000 |
| Agriculture..... | 1,000 | 1,000 | 1,000 |
| Mining..... | a/ | a/ | a/ |
| Construction..... | 1,000 | 1,000 | 1,000 |
| Manufacturing..... | 2,000 | 5,000 | 7,000 |
| Food..... | 1,000 | 1,000 | 1,000 |
| Textiles..... | a/ | a/ | a/ |
| Paper..... | a/ | a/ | a/ |
| Chemicals..... | 1,000 | 1,000 | 1,000 |
| Petroleum..... | 0 | 0 | 0 |
| Primary Metals..... | a/ | a/ | a/ |
| Transportation, etc..... | 1,000 | 1,000 | 1,000 |
| Trade..... | 1,000 | 3,000 | 5,000 |
| Finance, etc..... | 1,000 | 1,000 | 1,000 |
| Services..... | 2,000 | 3,000 | 5,000 |
| Public Administration..... | 1,000 | 1,000 | 1,000 |
| Armed Forces..... | a/ | a/ | a/ |
| Population..... | 30,000 | 41,000 | 58,000 |
| Population Per Worker..... | 2.99 | 2.63 | 2.58 |

a/ Data not of sufficient size to warrant projection.

TABLE XXIX

POPULATION AND EMPLOYMENT
HISTORICAL AND PROJECTED
ECONOMIC SUB-REGION 11x/

| | 1940 | 1950 | 1960 | 1980 | 2000 | 2020 |
|----------------------------|---------|---------|---------|---------|---------|---------|
| Employment..... | 93,706 | 119,359 | 101,222 | 122,000 | 146,000 | 174,000 |
| Agriculture..... | 15,539 | 12,422 | 5,185 | 2,000 | 1,000 | 1,000 |
| Mining..... | 20,044 | 26,219 | 13,750 | 13,000 | 13,000 | 13,000 |
| Construction..... | 3,698 | 6,185 | 5,278 | 6,000 | 6,000 | 7,000 |
| Manufacturing..... | 13,752 | 20,739 | 20,465 | 29,000 | 36,000 | 44,000 |
| Food..... | 862 | 1,107 | 1,436 | 2,000 | 2,000 | 2,000 |
| Textiles..... | 180 | 131 | 191 | a/ | a/ | a/ |
| Paper..... | NA | 433 | 257 | a/ | a/ | a/ |
| Chemicals..... | 482 | 1,600 | 251 | a/ | a/ | a/ |
| Petroleum..... | NA | 148 | 9 | a/ | a/ | a/ |
| Primary Metals..... | NA | 987 | 1,158 | 2,000 | 2,000 | 2,000 |
| Transportation, etc..... | 7,242 | 10,061 | 9,484 | 9,000 | 9,000 | 9,000 |
| Trade..... | 12,716 | 18,811 | 18,650 | 25,000 | 31,000 | 38,000 |
| Finance, etc..... | 1,297 | 1,811 | 2,179 | 3,000 | 5,000 | 5,000 |
| Services..... | 16,838 | 19,991 | 22,669 | 29,000 | 37,000 | 47,000 |
| Public Administration..... | 2,580 | 3,034 | 3,444 | 6,000 | 8,000 | 10,000 |
| Armed Forces..... | 0 | 86 | 118 | a/ | a/ | a/ |
| Population..... | 368,036 | 377,680 | 333,979 | 388,000 | 450,000 | 522,000 |
| Population Per Worker..... | 3.93 | 3.16 | 3.31 | 3.18 | 3.08 | 3.18 |

x/ Entirely within Appalachian Region.

NA Not available.

a/ Data not of sufficient size to warrant projection.

TABLE XXX

POPULATION AND EMPLOYMENT
DEVELOPMENTAL BENCHMARKS
ECONOMIC SUB-REGION 11

| | 1980 | 2000 | 2020 |
|----------------------------|---------|---------|---------|
| Employment..... | 135,000 | 204,000 | 288,000 |
| Agriculture..... | 2,000 | 1,000 | 1,000 |
| Mining..... | 13,000 | 13,000 | 13,000 |
| Construction..... | 7,000 | 9,000 | 12,000 |
| Manufacturing..... | 33,000 | 58,000 | 75,000 |
| Food..... | 2,000 | 3,000 | 3,000 |
| Textiles..... | a/ | a/ | a/ |
| Paper..... | a/ | a/ | a/ |
| Chemicals..... | a/ | a/ | a/ |
| Petroleum..... | a/ | a/ | a/ |
| Primary Metals..... | 2,000 | 3,000 | 3,000 |
| Transportation, etc..... | 10,000 | 13,000 | 16,000 |
| Trade..... | 28,000 | 45,000 | 65,000 |
| Finance, etc..... | 3,000 | 7,000 | 9,000 |
| Services..... | 32,000 | 46,000 | 80,000 |
| Public Administration..... | 7,000 | 12,000 | 17,000 |
| Armed Forces..... | a/ | a/ | a/ |
| Population..... | 388,000 | 536,000 | 744,000 |
| Population Per Worker..... | 2.83 | 2.57 | 2.58 |

a/ Data not of sufficient size to warrant projection.

TABLE XXXI

POPULATION AND EMPLOYMENT
HISTORICAL AND PROJECTED
ECONOMIC SUB-REGION 12 x/

| | 1940 | 1950 | 1960 | 1980 | 2000 | 2020 |
|----------------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| Employment..... | 414,436 | 500,743 | 415,743 | 482,000 | 581,000 | 702,000 |
| Agriculture..... | 77,716 | 54,407 | 18,142 | 5,000 | 2,000 | 1,000 |
| Mining..... | 102,813 | 127,313 | 55,845 | 30,000 | 21,000 | 14,000 |
| Construction..... | 16,308 | 25,211 | 23,759 | 26,000 | 32,000 | 42,000 |
| Manufacturing..... | 56,321 | 77,453 | 89,123 | 114,000 | 139,000 | 175,000 |
| Food..... | 3,977 | 4,819 | 6,465 | 7,000 | 7,000 | 7,000 |
| Textiles..... | 318 | 1,802 | 1,318 | 1,000 | 1,000 | 1,000 |
| Paper..... | NA | 162 | 369 | 1,000 | 1,000 | 2,000 |
| Chemicals..... | 10,074 | 17,416 | 21,676 | 27,000 | 33,000 | 41,000 |
| Petroleum..... | NA | 2,602 | 2,034 | 2,000 | 2,000 | 1,000 |
| Primary Metals..... | NA | 12,427 | 18,307 | 31,000 | 42,000 | 49,000 |
| Transportation, etc..... | 34,067 | 48,066 | 40,398 | 35,000 | 31,000 | 27,000 |
| Trade..... | 49,433 | 77,067 | 78,267 | 107,000 | 138,000 | 166,000 |
| Finance, etc..... | 5,057 | 7,437 | 9,783 | 18,000 | 27,000 | 36,000 |
| Services..... | 62,305 | 69,827 | 84,173 | 120,000 | 155,000 | 193,000 |
| Public Administration..... | 10,213 | 13,404 | 15,206 | 25,000 | 35,000 | 47,000 |
| Armed Forces..... | 203 | 558 | 783 | 1,000 | 1,000 | 1,000 |
| Population..... | 1,595,756 | 1,699,878 | 1,561,995 | 1,711,000 | 1,967,000 | 2,284,000 |
| Population Per Worker..... | 3.85 | 3.39 | 3.76 | 3.55 | 3.38 | 3.25 |

x/ Entirely within Appalachian Region.

NA Not available.

TABLE XXXII

POPULATION AND EMPLOYMENT
DEVELOPMENTAL BENCHMARKS
ECONOMIC SUB-REGION 12

| | 1980 | 2000 | 2020 |
|----------------------------|-----------|-----------|-----------|
| Employment..... | 543,000 | 750,000 | 1,050,000 |
| Agriculture..... | 5,000 | 2,000 | 1,000 |
| Mining..... | 30,000 | 21,000 | 14,000 |
| Construction..... | 30,000 | 45,000 | 70,000 |
| Manufacturing..... | 120,000 | 185,000 | 249,000 |
| Food..... | 8,000 | 11,000 | 13,000 |
| Textiles..... | 1,000 | 2,000 | 2,000 |
| Paper..... | 1,000 | 2,000 | 4,000 |
| Chemicals..... | 27,000 | 35,000 | 42,000 |
| Petroleum..... | 3,000 | 3,000 | 3,000 |
| Primary Metals..... | 31,000 | 48,000 | 57,000 |
| Transportation, etc..... | 40,000 | 45,000 | 50,000 |
| Trade..... | 122,000 | 170,000 | 250,000 |
| Finance, etc..... | 21,000 | 40,000 | 60,000 |
| Services..... | 145,000 | 190,000 | 280,000 |
| Public Administration..... | 29,000 | 51,000 | 75,000 |
| Armed Forces..... | 1,000 | 1,000 | 1,000 |
| Population..... | 1,711,000 | 2,100,000 | 2,750,000 |
| Population Per Worker..... | 3.17 | 2.80 | 2.62 |

TABLE XXXIII

POPULATION AND EMPLOYMENT
HISTORICAL AND PROJECTED
ECONOMIC SUB-REGION 13^{x/}

| | 1940 | 1950 | 1960 | 1980 | 2000 | 2020 |
|----------------------------|---------|---------|---------|---------|-----------|-----------|
| Employment..... | 219,438 | 240,991 | 228,522 | 305,000 | 438,000 | 630,000 |
| Agriculture..... | 114,540 | 93,443 | 51,302 | 23,000 | 15,000 | 12,000 |
| Mining..... | 13,854 | 18,688 | 10,701 | 9,000 | 10,000 | 11,000 |
| Construction..... | 8,300 | 14,492 | 15,637 | 23,000 | 32,000 | 45,000 |
| Manufacturing..... | 10,647 | 20,013 | 34,883 | 71,000 | 121,000 | 198,000 |
| Food..... | 3,255 | 4,321 | 5,620 | 6,000 | 7,000 | 7,000 |
| Textiles..... | 240 | 462 | 266 | a/ | a/ | a/ |
| Paper..... | NA | 15 | 83 | a/ | a/ | a/ |
| Chemicals..... | 88 | 273 | 433 | 1,000 | 2,000 | 2,000 |
| Petroleum..... | NA | 254 | 678 | 1,000 | 1,000 | 2,000 |
| Primary Metals..... | NA | 100 | 449 | 1,000 | 1,000 | 1,000 |
| Transportation, etc..... | 8,802 | 12,459 | 11,993 | 12,000 | 12,000 | 13,000 |
| Trade..... | 21,368 | 30,251 | 37,246 | 60,000 | 90,000 | 130,000 |
| Finance, etc..... | 2,422 | 3,551 | 5,175 | 10,000 | 18,000 | 27,000 |
| Services..... | 33,812 | 39,336 | 50,137 | 78,000 | 112,000 | 157,000 |
| Public Administration..... | 5,193 | 8,545 | 11,162 | 19,000 | 28,000 | 37,000 |
| Armed Forces..... | 0 | 213 | 286 | a/ | a/ | a/ |
| Population..... | 783,817 | 775,983 | 744,550 | 938,000 | 1,280,000 | 1,768,000 |
| Population Per Worker..... | 3.57 | 3.21 | 3.26 | 3.08 | 2.92 | 2.81 |

x/ Includes 15 counties outside the Appalachian Region. Data for the Appalachian Region is shown on the following pages.
 NA Not available.
 a/ Data not of sufficient size to warrant projection.

TABLE XXXIV

POPULATION AND EMPLOYMENT
HISTORICAL AND PROJECTED
ECONOMIC SUB-REGION 13xx/

| | 1940 | 1950 | 1960 | 1980 | 2000 | 2020 |
|----------------------------|---------|---------|---------|---------|---------|---------|
| Employment..... | 127,285 | 132,299 | 103,838 | 119,000 | 160,000 | 220,000 |
| Agriculture..... | 76,458 | 60,200 | 28,716 | 12,000 | 7,000 | 6,000 |
| Mining..... | 13,418 | 18,243 | 10,223 | 9,000 | 9,000 | 10,000 |
| Construction..... | 3,155 | 6,631 | 6,582 | 9,000 | 12,000 | 16,000 |
| Manufacturing..... | 4,634 | 8,403 | 12,812 | 23,000 | 36,000 | 57,000 |
| Food..... | 545 | 746 | 1,398 | 2,000 | 2,000 | 3,000 |
| Textiles..... | 100 | 86 | 124 | a/ | a/ | a/ |
| Paper..... | NA | 5 | 0 | 0 | 0 | 0 |
| Chemicals..... | 29 | 120 | 247 | 1,000 | 1,000 | 1,000 |
| Petroleum..... | NA | 28 | 585 | 1,000 | 1,000 | 1,000 |
| Primary Metals..... | NA | 55 | 352 | a/ | a/ | a/ |
| Transportation, etc..... | 4,305 | 6,251 | 5,253 | 4,000 | 4,000 | 4,000 |
| Trade..... | 9,007 | 12,830 | 15,639 | 25,000 | 37,000 | 51,000 |
| Finance, etc..... | 676 | 1,057 | 1,327 | 2,000 | 4,000 | 5,000 |
| Services..... | 13,575 | 14,856 | 18,861 | 28,000 | 40,000 | 57,000 |
| Public Administration..... | 2,057 | 3,730 | 4,350 | 7,000 | 11,000 | 14,000 |
| Armed Forces..... | 0 | 98 | 75 | a/ | a/ | a/ |
| Population..... | 506,586 | 471,167 | 406,702 | 445,000 | 571,000 | 743,000 |
| Population Per Worker..... | 3.98 | 3.56 | 3.92 | 3.74 | 3.57 | 3.37 |

xx/ Appalachian Portion.

NA Not available.

a/ Data not of sufficient size to warrant projection.

TABLE XXXV

POPULATION AND EMPLOYMENT
DEVELOPMENTAL BENCHMARKS
ECONOMIC SUB-REGION 13

| | 1980 | 2000 | 2020 |
|----------------------------|---------|---------|---------|
| Employment..... | 148,000 | 234,000 | 330,000 |
| Agriculture..... | 12,000 | 7,000 | 6,000 |
| Mining..... | 9,000 | 9,000 | 10,000 |
| Construction..... | 11,000 | 17,000 | 22,000 |
| Manufacturing..... | 33,000 | 65,000 | 104,000 |
| Food..... | 3,000 | 4,000 | 4,000 |
| Textiles..... | a/ | a/ | a/ |
| Paper..... | 0 | 0 | 0 |
| Chemicals..... | 1,000 | 1,000 | 1,000 |
| Petroleum..... | 1,000 | 1,000 | 1,000 |
| Primary Metals..... | a/ | a/ | a/ |
| Transportation, etc..... | 6,000 | 6,000 | 7,000 |
| Trade..... | 28,000 | 47,000 | 67,000 |
| Finance, etc..... | 5,000 | 9,000 | 14,000 |
| Services..... | 35,000 | 59,000 | 81,000 |
| Public Administration..... | 9,000 | 15,000 | 19,000 |
| Armed Forces..... | a/ | a/ | a/ |
| Population..... | 445,000 | 615,000 | 854,000 |
| Population Per Worker..... | 3.01 | 2.63 | 2.58 |

a/ Data not of sufficient size to warrant projection.

TABLE XXXVI

POPULATION AND EMPLOYMENT
HISTORICAL AND PROJECTED
ECONOMIC SUB-REGION 14 x/

| | 1940 | 1950 | 1960 | 1980 | 2000 | 2020 |
|----------------------------|---------|---------|---------|---------|-----------|-----------|
| Employment..... | 198,001 | 228,542 | 245,461 | 329,000 | 445,000 | 600,000 |
| Agriculture..... | 57,335 | 43,617 | 26,559 | 13,000 | 10,000 | 8,000 |
| Mining..... | 2,019 | 1,759 | 1,245 | 1,000 | 1,000 | 1,000 |
| Construction..... | 9,584 | 15,477 | 15,684 | 21,000 | 27,000 | 33,000 |
| Manufacturing..... | 48,359 | 62,659 | 78,450 | 107,000 | 135,000 | 175,000 |
| Food..... | 2,535 | 3,657 | 5,124 | 6,000 | 8,000 | 9,000 |
| Textiles..... | 18,144 | 21,595 | 20,330 | 21,000 | 24,000 | 27,000 |
| Paper..... | NA | 3,485 | 3,580 | 4,000 | 4,000 | 3,000 |
| Chemicals..... | 6,564 | 7,077 | 6,766 | 6,000 | 4,000 | 3,000 |
| Petroleum..... | NA | 61 | 61 | a/ | a/ | a/ |
| Primary Metals..... | NA | 2,200 | 2,900 | 5,000 | 7,000 | 8,000 |
| Transportation, etc..... | 16,400 | 21,786 | 18,975 | 16,000 | 14,000 | 12,000 |
| Trade..... | 23,595 | 34,354 | 39,842 | 64,000 | 97,000 | 141,000 |
| Finance, etc..... | 3,152 | 4,312 | 6,567 | 14,000 | 23,000 | 33,000 |
| Services..... | 33,805 | 38,288 | 50,880 | 81,000 | 121,000 | 172,000 |
| Public Administration..... | 3,752 | 6,068 | 6,833 | 11,000 | 16,000 | 24,000 |
| Armed Forces..... | 0 | 222 | 426 | 1,000 | 1,000 | 1,000 |
| Population..... | 589,258 | 639,160 | 680,490 | 896,000 | 1,193,000 | 1,592,000 |
| Population Per Worker..... | 2.98 | 2.80 | 2.78 | 2.72 | 2.68 | 2.65 |

x/ Includes 11 counties outside the Appalachian Region. Data for the Appalachian Portion is shown on the following pages.

NA Not available.

a/ Data not of sufficient size to warrant projection.

TABLE XXXVII

POPULATION AND EMPLOYMENT
HISTORICAL AND PROJECTED
ECONOMIC SUB-REGION 14 xx/

| | 1940 | 1950 | 1960 | 1980 | 2000 | 2020 |
|----------------------------|---------|---------|---------|---------|---------|---------|
| Employment..... | 39,150 | 46,027 | 42,056 | 60,000 | 80,000 | 105,000 |
| Agriculture..... | 11,139 | 8,472 | 4,384 | 2,000 | 2,000 | 1,000 |
| Mining..... | 1,105 | 1,095 | 634 | 1,000 | 1,000 | 1,000 |
| Construction..... | 2,309 | 3,267 | 1,954 | 4,000 | 5,000 | 6,000 |
| Manufacturing..... | 10,286 | 13,936 | 14,982 | 24,000 | 30,000 | 39,000 |
| Food..... | 354 | 468 | 663 | 1,000 | 1,000 | 1,000 |
| Textiles..... | 2,549 | 2,972 | 2,665 | 3,000 | 3,000 | 4,000 |
| Paper..... | NA | 1,998 | 2,179 | 2,000 | 2,000 | 2,000 |
| Chemicals..... | 2,191 | 3,539 | 3,919 | 4,000 | 3,000 | 3,000 |
| Petroleum..... | NA | 0 | 0 | 0 | 0 | 0 |
| Primary Metals..... | NA | 140 | 206 | 1,000 | 1,000 | 1,000 |
| Transportation, etc..... | 3,556 | 4,777 | 3,807 | 3,000 | 3,000 | 3,000 |
| Trade..... | 3,815 | 6,039 | 7,488 | 10,000 | 16,000 | 22,000 |
| Finance, etc..... | 375 | 590 | 758 | 1,000 | 3,000 | 4,000 |
| Services..... | 5,867 | 6,603 | 7,372 | 13,000 | 17,000 | 25,000 |
| Public Administration..... | 698 | 1,218 | 1,252 | 2,000 | 3,000 | 4,000 |
| Armed Forces..... | 0 | 30 | 121 | a/ | a/ | a/ |
| Population..... | 121,455 | 129,544 | 125,443 | 156,000 | 200,000 | 263,000 |
| Population Per Worker..... | 3.10 | 2.81 | 2.75 | 2.60 | 2.50 | 2.51 |

xx/ Appalachian Portion.
NA Not available.

TABLE XXXVIII
 POPULATION AND EMPLOYMENT
 DEVELOPMENTAL BENCHMARKS
 ECONOMIC SUB-REGION 14

| | 1980 | 2000 | 2020 |
|----------------------------|---------|---------|---------|
| Employment..... | 60,000 | 84,000 | 116,000 |
| Agriculture..... | 2,000 | 2,000 | 1,000 |
| Mining..... | 1,000 | 1,000 | 1,000 |
| Construction..... | 4,000 | 5,000 | 6,000 |
| Manufacturing..... | 24,000 | 30,000 | 40,000 |
| Food..... | 1,000 | 1,000 | 1,000 |
| Textiles..... | 3,000 | 3,000 | 5,000 |
| Paper..... | 2,000 | 3,000 | 3,000 |
| Chemicals..... | 4,000 | 3,000 | 3,000 |
| Petroleum..... | 0 | 0 | 0 |
| Primary Metals..... | 1,000 | 1,000 | 2,000 |
| Transportation, etc..... | 3,000 | 3,000 | 3,000 |
| Trade..... | 10,000 | 13,000 | 26,000 |
| Finance, etc..... | 1,000 | 4,000 | 6,000 |
| Services..... | 13,000 | 23,000 | 29,000 |
| Public Administration..... | 2,000 | 3,000 | 4,000 |
| Armed Forces..... | a/ | a/ | a/ |
| Population..... | 156,000 | 216,000 | 299,000 |
| Population Per Worker..... | 2.60 | 2.57 | 2.58 |

a/ Data not of sufficient size to warrant projection.

TABLE XXXIX

POPULATION AND EMPLOYMENT
HISTORICAL AND PROJECTED
ECONOMIC SUB-REGION 15^{x/}

| | 1940 | 1950 | 1960 | 1980 | 2000 | 2020 |
|----------------------------|---------|---------|-----------|-----------|-----------|-----------|
| Employment..... | 277,637 | 348,261 | 415,692 | 626,000 | 902,000 | 1,263,000 |
| Agriculture..... | 66,873 | 56,534 | 33,152 | 18,000 | 14,000 | 13,000 |
| Mining..... | 790 | 1,038 | 1,217 | 1,000 | 2,000 | 2,000 |
| Construction..... | 10,712 | 20,466 | 24,283 | 41,000 | 61,000 | 91,000 |
| Manufacturing..... | 111,465 | 141,054 | 187,597 | 258,000 | 344,000 | 456,000 |
| Food..... | 2,963 | 4,704 | 7,284 | 10,000 | 14,000 | 16,000 |
| Textiles..... | 61,432 | 68,363 | 79,526 | 97,000 | 122,000 | 150,000 |
| Paper..... | NA | 1,061 | 1,716 | 4,000 | 6,000 | 9,000 |
| Chemicals..... | 893 | 2,898 | 4,531 | 9,000 | 14,000 | 22,000 |
| Petroleum..... | NA | 33 | 55 | a/ | a/ | a/ |
| Primary Metals..... | NA | 462 | 484 | 1,000 | 1,000 | 1,000 |
| Transportation, etc..... | 8,082 | 14,404 | 17,931 | 30,000 | 38,000 | 43,000 |
| Trade..... | 29,232 | 49,220 | 61,295 | 112,000 | 173,000 | 246,000 |
| Finance, etc..... | 4,236 | 6,383 | 11,301 | 30,000 | 56,000 | 87,000 |
| Services..... | 42,131 | 51,358 | 68,327 | 116,000 | 184,000 | 279,000 |
| Public Administration..... | 4,116 | 7,606 | 10,003 | 19,000 | 29,000 | 44,000 |
| Armed Forces..... | 0 | 198 | 586 | 1,000 | 1,000 | 2,000 |
| Population..... | 768,654 | 878,404 | 1,035,300 | 1,573,000 | 2,281,000 | 3,210,000 |
| Population Per Worker..... | 2.77 | 2.52 | 2.49 | 2.51 | 2.53 | 2.54 |

^{x/} Includes 7 counties outside the Appalachian Region. Data for the Appalachian Portion is shown on the following pages.

NA Not available.

^{a/} Data not of sufficient size to warrant projection.

TABLE XL

POPULATION AND EMPLOYMENT
HISTORICAL AND PROJECTED
ECONOMIC SUB-REGION 15 xx/

| | 1940 | 1950 | 1960 | 1980 | 2000 | 2020 |
|----------------------------|---------|---------|---------|---------|---------|-----------|
| Employment..... | 114,116 | 137,493 | 158,544 | 236,000 | 341,000 | 480,000 |
| Agriculture..... | 38,189 | 33,874 | 19,688 | 11,000 | 8,000 | 8,000 |
| Mining..... | 608 | 749 | 902 | 1,000 | 2,000 | 2,000 |
| Construction..... | 4,238 | 8,019 | 9,261 | 16,000 | 23,000 | 35,000 |
| Manufacturing..... | 36,804 | 46,248 | 65,035 | 93,000 | 129,000 | 176,000 |
| Food..... | 1,226 | 1,822 | 2,806 | 4,000 | 6,000 | 6,000 |
| Textiles..... | 13,249 | 15,385 | 21,631 | 29,000 | 39,000 | 51,000 |
| Paper..... | NA | 175 | 320 | 1,000 | 1,000 | 2,000 |
| Chemicals..... | 192 | 250 | 436 | 1,000 | 1,000 | 2,000 |
| Petroleum..... | NA | 5 | 4 | a/ | a/ | a/ |
| Primary Metals..... | NA | 181 | 192 | a/ | a/ | a/ |
| Transportation, etc..... | 2,965 | 5,706 | 7,717 | 14,000 | 18,000 | 20,000 |
| Trade..... | 11,732 | 17,955 | 22,041 | 40,000 | 62,000 | 87,000 |
| Finance, etc..... | 1,532 | 2,159 | 3,411 | 9,000 | 15,000 | 24,000 |
| Services..... | 16,350 | 19,318 | 26,375 | 45,000 | 74,000 | 112,000 |
| Public Administration..... | 1,698 | 3,384 | 3,871 | 7,000 | 10,000 | 16,000 |
| Armed Forces..... | 0 | 81 | 243 | a/ | a/ | a/ |
| Population..... | 348,308 | 374,151 | 418,072 | 617,000 | 888,000 | 1,240,000 |
| Population Per Worker..... | 3.05 | 2.72 | 2.40 | 2.61 | 2.60 | 2.58 |

xx/ Appalachian Portion.

NA Not available.

a/ Data not of sufficient size to warrant projection.

TABLE XLI
POPULATION AND EMPLOYMENT
DEVELOPMENTAL BENCHMARKS
ECONOMIC SUB-REGION 15

| | 1980 | 2000 | 2020 |
|----------------------------|---------|-----------|-----------|
| Employment..... | 241,000 | 392,000 | 629,000 |
| Agriculture..... | 11,000 | 8,000 | 8,000 |
| Mining..... | 1,000 | 2,000 | 2,000 |
| Construction..... | 16,000 | 25,000 | 43,000 |
| Manufacturing..... | 98,000 | 157,000 | 234,000 |
| Food..... | 4,000 | 6,000 | 6,000 |
| Textiles..... | 36,000 | 45,000 | 57,000 |
| Paper..... | 1,000 | 3,000 | 3,000 |
| Chemicals..... | 2,000 | 4,000 | 6,000 |
| Petroleum..... | a/ | a/ | a/ |
| Primary Metals..... | a/ | a/ | a/ |
| Transportation, etc..... | 14,000 | 19,000 | 31,000 |
| Trade..... | 40,000 | 72,000 | 114,000 |
| Finance, etc..... | 9,000 | 18,000 | 30,000 |
| Services..... | 45,000 | 79,000 | 117,000 |
| Public Administration..... | 7,000 | 12,000 | 20,000 |
| Armed Forces..... | a/ | a/ | a/ |
| Population..... | 617,000 | 1,007,000 | 1,624,000 |
| Population Per Worker..... | 2.56 | 2.57 | 2.58 |

a/ Data not of sufficient size to warrant projection.

TABLE XLII

POPULATION AND EMPLOYMENT
HISTORICAL AND PROJECTED
ECONOMIC SUB-REGION 16^{x/}

| | 1940 | 1950 | 1960 | 1980 | 2000 | 2020 |
|----------------------------|---------|---------|---------|---------|-----------|-----------|
| Employment..... | 158,781 | 195,233 | 192,350 | 262,000 | 371,000 | 520,000 |
| Agriculture..... | 55,002 | 45,753 | 26,185 | 14,000 | 11,000 | 10,000 |
| Mining..... | 20,631 | 26,078 | 17,078 | 17,000 | 21,000 | 20,000 |
| Construction..... | 5,930 | 12,072 | 12,522 | 17,000 | 20,000 | 25,000 |
| Manufacturing..... | 29,175 | 40,984 | 49,868 | 70,000 | 99,000 | 142,000 |
| Food..... | 1,766 | 2,742 | 3,759 | 4,000 | 5,000 | 6,000 |
| Textiles..... | 5,632 | 6,007 | 4,521 | 4,000 | 3,000 | 2,000 |
| Paper..... | NA | 1,442 | 1,669 | 2,000 | 2,000 | 3,000 |
| Chemicals..... | 8,557 | 12,864 | 13,707 | 15,000 | 15,000 | 16,000 |
| Petroleum..... | NA | 127 | a/0 | a/ | a/ | a/ |
| Primary Metals..... | NA | 318 | 441 | 1,000 | 1,000 | 1,000 |
| Transportation, etc..... | 7,497 | 11,323 | 11,271 | 13,000 | 14,000 | 16,000 |
| Trade..... | 15,424 | 27,092 | 32,090 | 54,000 | 82,000 | 119,000 |
| Finance, etc..... | 1,417 | 2,299 | 3,864 | 10,000 | 17,000 | 26,000 |
| Services..... | 21,106 | 25,311 | 34,548 | 60,000 | 95,000 | 145,000 |
| Public Administration..... | 2,599 | 4,116 | 4,666 | 7,000 | 12,000 | 17,000 |
| Armed Forces..... | 0 | 205 | 258 | a/ | a/ | a/ |
| Population..... | 585,405 | 649,954 | 647,297 | 827,000 | 1,109,000 | 1,490,000 |
| Population Per Worker..... | 3.69 | 3.33 | 3.37 | 3.16 | 2.99 | 2.87 |

^{x/} Entirely within Appalachian Region.

NA Not available.

a/ Data not of sufficient size to warrant projection.

TABLE XLIII
 POPULATION AND EMPLOYMENT
 DEVELOPMENTAL BENCHMARKS
 ECONOMIC SUB-REGION 16

| | 1980 | 2000 | 2020 |
|----------------------------|---------|-----------|-----------|
| Employment..... | 283,000 | 435,000 | 614,000 |
| Agriculture..... | 14,000 | 11,000 | 10,000 |
| Mining..... | 17,000 | 21,000 | 20,000 |
| Construction..... | 18,000 | 24,000 | 30,000 |
| Manufacturing..... | 76,000 | 117,000 | 169,000 |
| Food..... | 4,000 | 6,000 | 7,000 |
| Textiles..... | 4,000 | 4,000 | 2,000 |
| Paper..... | 2,000 | 2,000 | 4,000 |
| Chemicals..... | 16,000 | 18,000 | 19,000 |
| Petroleum..... | a/ | a/ | a/ |
| Primary Metals..... | 1,000 | 1,000 | 1,000 |
| Transportation, etc..... | 14,000 | 17,000 | 19,000 |
| Trade..... | 59,000 | 97,000 | 140,000 |
| Finance, etc..... | 11,000 | 20,000 | 31,000 |
| Services..... | 66,000 | 114,000 | 174,000 |
| Public Administration..... | 8,000 | 14,000 | 21,000 |
| Armed Forces..... | a/ | a/ | a/ |
| Population..... | 827,000 | 1,142,000 | 1,586,000 |
| Population Per Worker..... | 2.92 | 2.63 | 2.58 |

a/ Data not of sufficient size to warrant projection.

TABLE XLIV

POPULATION AND EMPLOYMENT
HISTORICAL AND PROJECTED
ECONOMIC SUB-REGION 17 x/

| | 1940 | 1950 | 1960 | 1980 | 2000 | 2020 |
|----------------------------|---------|---------|---------|-----------|-----------|-----------|
| Employment..... | 219,190 | 267,969 | 265,579 | 387,000 | 555,000 | 800,000 |
| Agriculture..... | 61,255 | 50,457 | 24,773 | 9,000 | 5,000 | 4,000 |
| Mining..... | 30,492 | 27,579 | 11,649 | 6,000 | 5,000 | 3,000 |
| Construction..... | 8,815 | 20,025 | 18,492 | 23,000 | 31,000 | 38,000 |
| Manufacturing..... | 40,328 | 55,714 | 75,826 | 132,000 | 181,000 | 251,000 |
| Food..... | 3,190 | 4,567 | 7,169 | 10,000 | 12,000 | 14,000 |
| Textiles..... | 13,706 | 10,784 | 11,294 | 13,000 | 13,000 | 15,000 |
| Paper..... | NA | 443 | 521 | 1,000 | 1,000 | 1,000 |
| Chemicals..... | 339 | 8,598 | 17,908 | 41,000 | 72,000 | 116,000 |
| Petroleum..... | NA | 187 | 161 | a/ | a/ | a/ |
| Primary Metals..... | NA | 8,275 | 7,783 | 7,000 | 6,000 | 5,000 |
| Transportation, etc..... | 11,797 | 17,802 | 16,227 | 17,000 | 17,000 | 17,000 |
| Trade..... | 26,060 | 42,276 | 48,654 | 80,000 | 127,000 | 189,000 |
| Finance, etc..... | 2,559 | 3,901 | 6,223 | 15,000 | 26,000 | 41,000 |
| Services..... | 32,279 | 41,281 | 54,540 | 92,000 | 146,000 | 232,000 |
| Public Administration..... | 5,605 | 8,537 | 8,629 | 13,000 | 17,000 | 25,000 |
| Armed Forces..... | 0 | 397 | 566 | a/ | a/ | a/ |
| Population..... | 785,435 | 894,904 | 876,239 | 1,189,000 | 1,617,000 | 2,250,000 |
| Population Per Worker..... | 3.58 | 3.34 | 3.30 | 3.07 | 2.91 | 2.81 |

x/ Entirely within Appalachian Region.

NA Not available.

a/ Data not of sufficient size to warrant projection.

TABLE XLV
 POPULATION AND EMPLOYMENT
 DEVELOPMENTAL BENCHMARKS
 ECONOMIC SUB-REGION 17

| | 1980 | 2000 | 2020 |
|----------------------------|-----------|-----------|-----------|
| Employment..... | 407,000 | 625,000 | 882,000 |
| Agriculture..... | 9,000 | 5,000 | 4,000 |
| Mining..... | 6,000 | 5,000 | 3,000 |
| Construction..... | 24,000 | 35,000 | 42,000 |
| Manufacturing..... | 139,000 | 220,000 | 277,000 |
| Food..... | 11,000 | 14,000 | 15,000 |
| Textiles..... | 14,000 | 15,000 | 17,000 |
| Paper..... | 1,000 | 1,000 | 2,000 |
| Chemicals..... | 43,000 | 81,000 | 128,000 |
| Petroleum..... | a/ | a/ | a/ |
| Primary Metals..... | 9,000 | 7,000 | 6,000 |
| Transportation, etc..... | 18,000 | 19,000 | 19,000 |
| Trade..... | 84,000 | 143,000 | 209,000 |
| Finance, etc..... | 16,000 | 29,000 | 45,000 |
| Services..... | 97,000 | 150,000 | 255,000 |
| Public Administration..... | 14,000 | 19,000 | 28,000 |
| Armed Forces..... | a/ | a/ | a/ |
| Population..... | 1,189,000 | 1,642,000 | 2,280,000 |
| Population Per Worker..... | 2.92 | 2.63 | 2.58 |

a/ Data not of sufficient size to warrant projection.

TABLE XLVI
POPULATION AND EMPLOYMENT
HISTORICAL AND PROJECTED
ECONOMIC SUB-REGION 18 x/

| | 1940 | 1950 | 1960 | 1980 | 2000 | 2020 |
|----------------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| Employment..... | 336,038 | 396,443 | 434,554 | 503,000 | 689,000 | 992,000 |
| Agriculture..... | 144,740 | 114,267 | 64,101 | 31,000 | 23,000 | 19,000 |
| Mining..... | 2,478 | 2,870 | 2,459 | 2,000 | 3,000 | 3,000 |
| Construction..... | 13,732 | 27,671 | 30,058 | 41,000 | 54,000 | 72,000 |
| Manufacturing..... | 46,117 | 64,210 | 96,539 | 124,000 | 194,000 | 298,000 |
| Food..... | 5,587 | 7,808 | 10,128 | 10,000 | 11,000 | 11,000 |
| Textiles..... | 3,943 | 4,284 | 3,721 | 4,000 | 3,000 | 3,000 |
| Paper..... | NA | 572 | 528 | a/ | a/ | a/ |
| Chemicals..... | 6,464 | 8,315 | 7,586 | 6,000 | 4,000 | 3,000 |
| Petroleum..... | NA | 145 | 176 | a/ | a/ | a/ |
| Primary Metals..... | NA | 882 | 927 | 1,000 | 1,000 | 1,000 |
| Transportation, etc..... | 15,029 | 23,354 | 23,811 | 29,000 | 32,000 | 35,000 |
| Trade..... | 39,721 | 60,160 | 73,851 | 84,000 | 117,000 | 179,000 |
| Finance, etc..... | 6,418 | 9,297 | 14,744 | 33,000 | 56,000 | 84,000 |
| Services..... | 59,363 | 68,095 | 89,832 | 105,000 | 139,000 | 207,000 |
| Public Administration..... | 8,440 | 12,872 | 16,296 | 30,000 | 47,000 | 70,000 |
| Armed Forces..... | 0 | 13,647 | 22,863 | 24,000 | 24,000 | 25,000 |
| Population..... | 1,048,129 | 1,103,148 | 1,188,198 | 1,365,000 | 1,842,000 | 2,623,000 |
| Population Per Worker..... | 3.12 | 2.78 | 2.73 | 2.71 | 2.67 | 2.64 |

x/ Includes 31 counties outside the Appalachian Region. Data for the Appalachian Portion is shown on the following pages.

NA Not available.

a/ Data not of sufficient size to warrant projection.

TABLE XLVII
 POPULATION AND EMPLOYMENT
 HISTORICAL AND PROJECTED
 ECONOMIC SUB-REGION 18 xx/

| | 1940 | 1950 | 1960 | 1980 | 2000 | 2020 |
|----------------------------|---------|---------|---------|---------|---------|---------|
| Employment..... | 50,666 | 53,028 | 51,687 | 58,000 | 80,000 | 120,000 |
| Agriculture..... | 36,063 | 28,934 | 16,149 | 8,000 | 6,000 | 5,000 |
| Mining..... | 376 | 929 | 611 | a/ | a/ | a/ |
| Construction..... | 1,296 | 3,216 | 3,694 | 5,000 | 6,000 | 8,000 |
| Manufacturing..... | 3,028 | 6,354 | 13,301 | 20,000 | 32,000 | 48,000 |
| Food..... | 222 | 438 | 637 | 1,000 | 1,000 | 1,000 |
| Textiles..... | 80 | 226 | 61 | a/ | a/ | a/ |
| Paper..... | NA | 20 | 22 | a/ | a/ | a/ |
| Chemicals..... | 9 | 19 | 49 | a/ | a/ | a/ |
| Petroleum..... | NA | 0 | 60 | a/ | a/ | a/ |
| Primary Metals..... | NA | 0 | 18 | a/ | a/ | a/ |
| Transportation, etc..... | 963 | 1,571 | 1,539 | 2,000 | 2,000 | 2,000 |
| Trade..... | 3,285 | 5,065 | 6,794 | 8,000 | 13,000 | 20,000 |
| Finance, etc..... | 220 | 346 | 620 | 2,000 | 3,000 | 4,000 |
| Services..... | 4,616 | 5,511 | 7,638 | 11,000 | 14,000 | 28,000 |
| Public Administration..... | 819 | 1,074 | 1,291 | 2,000 | 4,000 | 5,000 |
| Armed Forces..... | 0 | 28 | 50 | 0 | 0 | 0 |
| Population..... | 185,107 | 172,016 | 152,514 | 161,000 | 207,000 | 299,000 |
| Population Per Worker..... | 3.65 | 3.24 | 2.97 | 2.76 | 2.59 | 2.58 |

xx/ Appalachian Portion.
 NA Not available.
 a/ Data not of sufficient size to warrant projection.

TABLE XLVIII
 POPULATION AND EMPLOYMENT
 DEVELOPMENTAL BENCHMARKS
 ECONOMIC SUB-REGION 18

| | 1980 | 2000 | 2020 |
|----------------------------|---------|---------|---------|
| Employment..... | 61,000 | 86,000 | 120,000 |
| Agriculture..... | 8,000 | 6,000 | 5,000 |
| Mining..... | a/ | a/ | a/ |
| Construction..... | 5,000 | 6,000 | 8,000 |
| Manufacturing..... | 21,000 | 33,000 | 48,000 |
| Food..... | 1,000 | 1,000 | 1,000 |
| Textiles..... | a/ | a/ | a/ |
| Paper..... | a/ | a/ | a/ |
| Chemicals..... | a/ | a/ | a/ |
| Petroleum..... | a/ | a/ | a/ |
| Primary Metals..... | a/ | a/ | a/ |
| Transportation, etc..... | 2,000 | 2,000 | 2,000 |
| Trade..... | 8,000 | 15,000 | 20,000 |
| Finance, etc..... | 2,000 | 3,000 | 4,000 |
| Services..... | 12,000 | 16,000 | 28,000 |
| Public Administration..... | 3,000 | 5,000 | 5,000 |
| Armed Forces..... | a/ | 0 | 0 |
| Population..... | 161,000 | 221,000 | 299,000 |
| Population Per Worker..... | 2.67 | 2.57 | 2.58 |

a/ Data not of sufficient size to warrant projection.

TABLE XLIX

POPULATION AND EMPLOYMENT
HISTORICAL AND PROJECTED
ECONOMIC SUB-REGION 19 x/

| | 1940 | 1950 | 1960 | 1980 | 2000 | 2020 |
|----------------------------|---------|-----------|-----------|-----------|-----------|-----------|
| Employment..... | 345,656 | 423,021 | 479,449 | 633,000 | 877,000 | 1,201,000 |
| Agriculture..... | 77,680 | 55,794 | 23,989 | 8,000 | 4,000 | 2,000 |
| Mining..... | 751 | 593 | 672 | a/ | a/ | a/ |
| Construction..... | 13,439 | 24,048 | 29,253 | 44,000 | 56,000 | 79,000 |
| Manufacturing..... | 137,006 | 174,277 | 208,217 | 265,000 | 313,000 | 388,000 |
| Food..... | 4,645 | 6,228 | 10,150 | 14,000 | 19,000 | 22,000 |
| Textiles..... | 107,398 | 126,435 | 123,527 | 137,000 | 143,000 | 166,000 |
| Paper..... | NA | 747 | 1,936 | 5,000 | 10,000 | 16,000 |
| Chemicals..... | 1,561 | 3,194 | 4,938 | 8,000 | 14,000 | 21,000 |
| Petroleum..... | NA | 113 | 641 | 1,000 | 1,000 | 1,000 |
| Primary Metals..... | NA | 2,014 | 2,185 | 3,000 | 3,000 | 4,000 |
| Transportation, etc..... | 13,131 | 21,914 | 26,137 | 40,000 | 49,000 | 56,000 |
| Trade..... | 37,520 | 62,284 | 76,320 | 113,000 | 182,000 | 262,000 |
| Finance, etc..... | 4,545 | 7,539 | 13,970 | 24,000 | 47,000 | 80,000 |
| Services..... | 56,772 | 66,875 | 90,503 | 120,000 | 197,000 | 290,000 |
| Public Administration..... | 4,812 | 7,699 | 10,023 | 19,000 | 29,000 | 44,000 |
| Armed Forces..... | 0 | 1,998 | 365 | a/ | a/ | a/ |
| Population..... | 928,988 | 1,072,325 | 1,220,721 | 1,616,000 | 2,242,000 | 3,076,000 |
| Population Per Worker..... | 2.69 | 2.53 | 2.55 | 2.55 | 2.56 | 2.56 |

x/ Includes 14 counties outside the Appalachian Region. Data for the Appalachian Portion is shown on the following pages.

NA Not available.

a/ Data not of sufficient size to warrant projection.

TABLE I.
POPULATION AND EMPLOYMENT
HISTORICAL AND PROJECTED
ECONOMIC SUB-REGION 19 xx/

| | 1940 | 1950 | 1960 | 1980 | 2000 | 2020 |
|----------------------------|---------|---------|---------|---------|---------|---------|
| Employment..... | 48,481 | 58,529 | 66,688 | 90,000 | 130,000 | 175,000 |
| Agriculture..... | 14,220 | 10,693 | 4,319 | 1,000 | 1,000 | 1,000 |
| Mining..... | 69 | 68 | 24 | a/ | a/ | a/ |
| Construction..... | 2,096 | 3,019 | 3,780 | 6,000 | 7,000 | 9,000 |
| Manufacturing..... | 19,625 | 26,620 | 34,676 | 48,000 | 63,000 | 78,000 |
| Food..... | 325 | 448 | 942 | 1,000 | 2,000 | 3,000 |
| Textiles..... | 11,645 | 14,125 | 15,746 | 19,000 | 21,000 | 27,000 |
| Paper..... | NA | 51 | 94 | a/ | a/ | a/ |
| Chemicals..... | 19 | 145 | 141 | a/ | a/ | a/ |
| Petroleum..... | NA | 0 | 0 | 0 | 0 | 0 |
| Primary Metals..... | NA | 57 | 96 | a/ | a/ | a/ |
| Transportation, etc..... | 1,089 | 1,626 | 2,057 | 3,000 | 4,000 | 5,000 |
| Trade..... | 3,774 | 6,776 | 8,307 | 12,000 | 19,000 | 29,000 |
| Finance, etc..... | 270 | 483 | 1,072 | 2,000 | 5,000 | 9,000 |
| Services..... | 6,683 | 8,266 | 11,324 | 16,000 | 28,000 | 40,000 |
| Public Administration..... | 655 | 946 | 1,100 | 2,000 | 3,000 | 4,000 |
| Armed Forces..... | 0 | 32 | 29 | a/ | a/ | a/ |
| Population..... | 151,555 | 168,122 | 180,498 | 234,000 | 331,000 | 437,000 |
| Population Per Worker..... | 3.13 | 2.87 | 2.71 | 2.61 | 2.55 | 2.50 |

xx/ Appalachian Portion.

NA Not available.

a/ Data not of sufficient size to warrant projection.

TABLE LI
 POPULATION AND EMPLOYMENT
 DEVELOPMENTAL BENCHMARKS
 ECONOMIC SUB-REGION 19

| | 1980 | 2000 | 2020 |
|----------------------------|---------|---------|---------|
| Employment..... | 90,000 | 151,000 | 222,000 |
| Agriculture..... | 1,000 | 1,000 | 1,000 |
| Mining..... | a/ | a/ | a/ |
| Construction..... | 6,000 | 7,000 | 9,000 |
| Manufacturing..... | 48,000 | 75,000 | 103,000 |
| Food..... | 1,000 | 3,000 | 3,000 |
| Textiles..... | 19,000 | 21,000 | 24,000 |
| Paper..... | a/ | a/ | a/ |
| Chemicals..... | a/ | a/ | a/ |
| Petroleum..... | 0 | 0 | 0 |
| Primary Metals..... | a/ | a/ | a/ |
| Transportation, etc..... | 3,000 | 5,000 | 6,000 |
| Trade..... | 12,000 | 23,000 | 35,000 |
| Finance, etc..... | 2,000 | 6,000 | 11,000 |
| Services..... | 16,000 | 31,000 | 52,000 |
| Public Administration..... | 2,000 | 3,000 | 5,000 |
| Armed Forces..... | a/ | a/ | a/ |
| Population..... | 234,000 | 387,000 | 572,000 |
| Population Per Worker..... | 2.61 | 2.57 | 2.58 |

TABLE LII

POPULATION AND EMPLOYMENT
HISTORICAL AND PROJECTED
ECONOMIC SUB-REGION 20 x/

| | 1940 | 1950 | 1960 | 1980 | 2000 | 2020 |
|----------------------------|---------|---------|---------|---------|---------|---------|
| Employment..... | 89,568 | 109,698 | 113,429 | 155,000 | 209,000 | 280,000 |
| Agriculture..... | 26,369 | 23,844 | 11,236 | 4,000 | 3,000 | 2,000 |
| Mining..... | 1,098 | 849 | 902 | 1,000 | 1,000 | 1,000 |
| Construction..... | 4,557 | 7,661 | 8,228 | 11,000 | 15,000 | 20,000 |
| Manufacturing..... | 20,984 | 28,761 | 38,759 | 60,000 | 78,000 | 100,000 |
| Food..... | 839 | 960 | 1,475 | 2,000 | 3,000 | 3,000 |
| Textiles..... | 7,562 | 9,778 | 11,888 | 15,000 | 17,000 | 20,000 |
| Paper..... | NA | 4,580 | 5,980 | 9,000 | 14,000 | 20,000 |
| Chemicals..... | 2,859 | 2,656 | 4,765 | 9,000 | 15,000 | 23,000 |
| Petroleum..... | NA | 11 | 8 | a/ | a/ | a/ |
| Primary Metals..... | NA | 32 | 71 | 1,000 | 1,000 | 1,000 |
| Transportation, etc..... | 3,971 | 5,765 | 5,180 | 6,000 | 6,000 | 6,000 |
| Trade..... | 10,958 | 16,390 | 19,129 | 29,000 | 42,000 | 57,000 |
| Finance, etc..... | 1,171 | 1,610 | 2,554 | 6,000 | 10,000 | 15,000 |
| Services..... | 18,431 | 21,219 | 23,846 | 33,000 | 48,000 | 70,000 |
| Public Administration..... | 2,029 | 3,506 | 3,502 | 5,000 | 6,000 | 9,000 |
| Armed Forces..... | 0 | 93 | 93 | a/ | a/ | a/ |
| Population..... | 305,653 | 328,374 | 332,369 | 440,000 | 578,000 | 748,000 |
| Population Per Worker..... | 3.41 | 2.99 | 2.94 | 2.84 | 2.77 | 2.72 |

x/ Entirely within Appalachian Region.

NA Not available.

a/ Data not of sufficient size to warrant projection.

TABLE LIII

POPULATION AND EMPLOYMENT
DEVELOPMENTAL BENCHMARKS
ECONOMIC SUB-REGION 20

| | 1980 | 2000 | 2020 |
|----------------------------|---------|---------|---------|
| Employment..... | 163,000 | 236,000 | 327,000 |
| Agriculture..... | 4,000 | 3,000 | 2,000 |
| Mining..... | 1,000 | 1,000 | 1,000 |
| Construction..... | 12,000 | 17,000 | 22,000 |
| Manufacturing..... | 63,000 | 88,000 | 118,000 |
| Food..... | 2,000 | 3,000 | 4,000 |
| Textiles..... | 16,000 | 19,000 | 23,000 |
| Paper..... | 10,000 | 16,000 | 23,000 |
| Chemicals..... | 10,000 | 16,000 | 27,000 |
| Petroleum..... | a/ | a/ | a/ |
| Primary Metals..... | 1,000 | 1,000 | 1,000 |
| Transportation, etc..... | 6,000 | 7,000 | 7,000 |
| Trade..... | 31,000 | 48,000 | 67,000 |
| Finance, etc..... | 6,000 | 11,000 | 18,000 |
| Services..... | 35,000 | 54,000 | 82,000 |
| Public Administration..... | 5,000 | 7,000 | 10,000 |
| Armed Forces..... | a/ | a/ | a/ |
| Population..... | 440,000 | 608,000 | 844,000 |
| Population Per Worker..... | 2.69 | 2.57 | 2.58 |

a/ Data not of sufficient size to warrant projection.

TABLE LIV

POPULATION AND EMPLOYMENT
HISTORICAL AND PROJECTED
ECONOMIC SUB-REGION 21 x/

| | 1940 | 1950 | 1960 | 1980 | 2000 | 2020 |
|----------------------------|---------|---------|---------|-----------|-----------|-----------|
| Employment..... | 200,840 | 237,435 | 253,496 | 356,000 | 503,000 | 699,000 |
| Agriculture..... | 61,471 | 51,511 | 23,099 | 9,000 | 5,000 | 3,000 |
| Mining..... | 4,286 | 4,339 | 3,373 | 3,000 | 3,000 | 3,000 |
| Construction..... | 10,453 | 13,014 | 16,432 | 23,000 | 33,000 | 46,000 |
| Manufacturing..... | 55,125 | 75,241 | 94,693 | 133,000 | 177,000 | 238,000 |
| Food..... | 2,288 | 3,092 | 5,596 | 8,000 | 12,000 | 15,000 |
| Textiles..... | 22,357 | 28,594 | 33,576 | 44,000 | 54,000 | 66,000 |
| Paper..... | NA | 934 | 2,430 | 6,000 | 10,000 | 15,000 |
| Chemicals..... | 926 | 2,876 | 4,550 | 9,000 | 15,000 | 24,000 |
| Petroleum..... | NA | 326 | 138 | a/ | a/ | a/ |
| Primary Metals..... | NA | 4,121 | 3,108 | 2,000 | 1,000 | 1,000 |
| Transportation, etc..... | 8,773 | 13,679 | 14,545 | 18,000 | 20,000 | 22,000 |
| Trade..... | 21,860 | 33,950 | 40,430 | 65,000 | 99,000 | 144,000 |
| Finance, etc..... | 3,034 | 4,639 | 7,525 | 19,000 | 34,000 | 50,000 |
| Services..... | 29,904 | 34,603 | 45,008 | 71,000 | 109,000 | 160,000 |
| Public Administration..... | 4,502 | 6,180 | 8,036 | 15,000 | 23,000 | 33,000 |
| Armed Forces..... | 1,432 | 279 | 355 | a/ | a/ | a/ |
| Population..... | 645,826 | 704,433 | 745,262 | 1,006,000 | 1,383,000 | 1,888,000 |
| Population Per Worker..... | 3.22 | 2.97 | 2.94 | 2.83 | 2.75 | 2.70 |

x/ Entirely within Appalachian Region.

NA Not available.

a/ Data not of sufficient size to warrant projection.

TABLE LV
 POPULATION AND EMPLOYMENT
 DEVELOPMENTAL BENCHMARKS
 ECONOMIC SUB-REGION 21

| | 1980 | 2000 | 2020 |
|----------------------------|-----------|-----------|-----------|
| Employment..... | 371,000 | 535,000 | 747,000 |
| Agriculture..... | 9,000 | 5,000 | 3,000 |
| Mining..... | 3,000 | 3,000 | 3,000 |
| Construction..... | 24,000 | 35,000 | 49,000 |
| Manufacturing..... | 139,000 | 190,000 | 254,000 |
| Food..... | 8,000 | 13,000 | 16,000 |
| Textiles..... | 46,000 | 57,000 | 71,000 |
| Paper..... | 6,000 | 11,000 | 16,000 |
| Chemicals..... | 9,000 | 16,000 | 26,000 |
| Petroleum..... | a/ | a/ | a/ |
| Primary Metals..... | 2,000 | 1,000 | 1,000 |
| Transportation, etc..... | 19,000 | 21,000 | 24,000 |
| Trade..... | 68,000 | 105,000 | 153,000 |
| Finance, etc..... | 20,000 | 36,000 | 55,000 |
| Services..... | 73,000 | 116,000 | 171,000 |
| Public Administration..... | 16,000 | 24,000 | 35,000 |
| Armed Forces..... | a/ | a/ | a/ |
| Population..... | 1,062,000 | 1,389,000 | 1,929,000 |
| Population Per Worker..... | 2.71 | 2.60 | 2.58 |

a/ Data not of sufficient size to warrant projection.

TABLE LVI

POPULATION AND EMPLOYMENT
HISTORICAL AND PROJECTED
ECONOMIC SUB-REGION 22 x/

| | 1940 | 1950 | 1960 | 1980 | 2000 | 2020 |
|----------------------------|---------|---------|---------|---------|-----------|-----------|
| Employment..... | 123,386 | 150,249 | 178,140 | 307,000 | 516,000 | 806,000 |
| Agriculture..... | 64,695 | 58,534 | 25,060 | 9,000 | 5,000 | 3,000 |
| Mining..... | 615 | 542 | 449 | a/ | a/ | a/ |
| Construction..... | 4,305 | 9,559 | 14,900 | 25,000 | 37,000 | 56,000 |
| Manufacturing..... | 16,708 | 25,746 | 51,556 | 104,000 | 173,000 | 255,000 |
| Food..... | 1,122 | 1,910 | 4,948 | 9,000 | 12,000 | 16,000 |
| Textiles..... | 7,484 | 6,714 | 3,684 | 2,000 | 1,000 | 1,000 |
| Paper..... | NA | 339 | 88 | a/ | a/ | a/ |
| Chemicals..... | 897 | 1,926 | 3,281 | 7,000 | 10,000 | 17,000 |
| Petroleum..... | NA | 0 | 85 | a/ | a/ | a/ |
| Primary Metals..... | NA | 3,850 | 5,916 | 10,000 | 12,000 | 14,000 |
| Transportation, etc..... | 4,186 | 7,220 | 9,201 | 13,000 | 20,000 | 25,000 |
| Trade..... | 11,564 | 20,360 | 28,490 | 58,000 | 97,000 | 163,000 |
| Finance, etc..... | 1,272 | 2,127 | 3,767 | 11,000 | 23,000 | 37,000 |
| Services..... | 17,527 | 21,704 | 34,012 | 68,000 | 126,000 | 207,000 |
| Public Administration..... | 2,410 | 4,295 | 6,792 | 15,000 | 31,000 | 56,000 |
| Armed Forces..... | 104 | 162 | 3,913 | 4,000 | 4,000 | 4,000 |
| Population..... | 439,204 | 468,799 | 533,422 | 863,000 | 1,399,000 | 2,145,000 |
| Population Per Worker..... | 3.56 | 3.12 | 2.99 | 2.81 | 2.71 | 2.66 |

x/ Includes 4 counties outside the Appalachian Region. Data for the Appalachian Portion is shown on the following pages.

NA Not available.

a/ Data not of sufficient size to warrant projection.

TABLE LVII

POPULATION AND EMPLOYMENT
HISTORICAL AND PROJECTED
ECONOMIC SUB-REGION 22 x/

| | 1940 | 1950 | 1960 | 1980 | 2000 | 2020 |
|----------------------------|---------|---------|---------|---------|-----------|-----------|
| Employment..... | 100,949 | 126,730 | 154,183 | 275,000 | 467,000 | 733,000 |
| Agriculture..... | 52,384 | 48,375 | 20,185 | 7,000 | 4,000 | 3,000 |
| Mining..... | 585 | 498 | 401 | a/ | a/ | a/ |
| Construction..... | 3,418 | 8,013 | 13,104 | 25,000 | 34,000 | 52,000 |
| Manufacturing..... | 13,167 | 21,339 | 44,112 | 93,000 | 157,000 | 235,000 |
| Food..... | 806 | 1,420 | 3,999 | 8,000 | 10,000 | 14,000 |
| Textiles..... | 6,336 | 5,575 | 2,673 | 1,000 | 1,000 | 1,000 |
| Paper..... | NA | 314 | 52 | a/ | a/ | a/ |
| Chemicals..... | 882 | 1,857 | 3,176 | 7,000 | 10,000 | 17,000 |
| Petroleum..... | NA | 0 | 71 | a/ | a/ | a/ |
| Primary Metals..... | NA | 3,748 | 5,742 | 10,000 | 12,000 | 14,000 |
| Transportation, etc..... | 3,609 | 6,321 | 8,326 | 11,000 | 19,000 | 24,000 |
| Trade..... | 9,678 | 17,751 | 25,215 | 52,000 | 87,000 | 145,000 |
| Finance, etc..... | 1,096 | 1,896 | 3,338 | 10,000 | 21,000 | 35,000 |
| Services..... | 14,805 | 18,527 | 29,501 | 61,000 | 113,000 | 186,000 |
| Public Administration..... | 2,103 | 3,856 | 6,101 | 14,000 | 28,000 | 51,000 |
| Armed Forces..... | 104 | 154 | 3,900 | 4,000 | 4,000 | 4,000 |
| Population..... | 371,108 | 401,736 | 471,081 | 773,000 | 1,265,000 | 1,954,000 |
| Population Per Worker..... | 3.68 | 3.17 | 3.04 | 2.81 | 2.71 | 2.66 |

x/ Entirely within Appalachian Region.

NA Not available.

a/ Data not of sufficient size to warrant projection.

TABLE LVIII

POPULATION AND EMPLOYMENT
DEVELOPMENTAL BENCHMARKS
ECONOMIC SUB-REGION 22

| | 1980 | 2000 | 2020 |
|----------------------------|---------|-----------|-----------|
| Employment..... | 290,000 | 482,000 | 756,000 |
| Agriculture..... | 7,000 | 4,000 | 3,000 |
| Mining..... | a/ | a/ | a/ |
| Construction..... | 24,000 | 35,000 | 53,000 |
| Manufacturing..... | 100,000 | 162,000 | 238,000 |
| Food..... | 9,000 | 11,000 | 15,000 |
| Textiles..... | 2,000 | 1,000 | 1,000 |
| Paper..... | a/ | a/ | a/ |
| Chemicals..... | 7,000 | 9,000 | 17,000 |
| Petroleum..... | a/ | a/ | a/ |
| Primary Metals..... | 10,000 | 12,000 | 15,000 |
| Transportation, etc..... | 12,000 | 19,000 | 23,000 |
| Trade..... | 55,000 | 90,000 | 153,000 |
| Finance, etc..... | 10,000 | 21,000 | 35,000 |
| Services..... | 64,000 | 118,000 | 194,000 |
| Public Administration..... | 14,000 | 29,000 | 53,000 |
| Armed Forces..... | 4,000 | 4,000 | 4,000 |
| Population..... | 773,000 | 1,265,000 | 1,954,000 |
| Population Per Worker..... | 2.66 | 2.63 | 2.58 |

a/ Data not of sufficient size to warrant projection.

TABLE LIX
 POPULATION AND EMPLOYMENT
 HISTORICAL AND PROJECTED
 ECONOMIC SUB-REGION 23 x/

| | 1940 | 1950 | 1960 | 1980 | 2000 | 2020 |
|----------------------------|---------|---------|---------|-----------|-----------|-----------|
| Employment..... | 220,724 | 266,950 | 295,034 | 425,000 | 587,000 | 820,000 |
| Agriculture..... | 63,445 | 38,502 | 14,550 | 4,000 | 1,000 | 1,000 |
| Mining..... | 236 | 279 | 460 | a/ | a/ | a/ |
| Construction..... | 6,542 | 15,817 | 18,203 | 27,000 | 40,000 | 58,000 |
| Manufacturing..... | 79,986 | 110,563 | 132,194 | 184,000 | 233,000 | 311,000 |
| Food..... | 2,145 | 2,924 | 4,286 | 5,000 | 8,000 | 10,000 |
| Textiles..... | 69,119 | 89,966 | 87,630 | 99,000 | 106,000 | 127,000 |
| Paper..... | NA | 406 | 1,135 | 3,000 | 5,000 | 8,000 |
| Chemicals..... | 1,102 | 963 | 1,140 | 1,000 | 1,000 | 2,000 |
| Petroleum..... | NA | 10 | 62 | a/ | a/ | a/ |
| Primary Metals..... | NA | 504 | 447 | a/ | a/ | a/ |
| Transportation, etc..... | 6,117 | 10,954 | 10,859 | 14,000 | 18,000 | 20,000 |
| Trade..... | 21,321 | 36,665 | 43,562 | 71,000 | 107,000 | 156,000 |
| Finance, etc..... | 2,569 | 4,624 | 7,748 | 17,000 | 33,000 | 57,000 |
| Services..... | 37,160 | 44,302 | 57,466 | 93,000 | 137,000 | 193,000 |
| Public Administration..... | 3,348 | 4,988 | 6,100 | 10,000 | 13,000 | 19,000 |
| Armed Forces..... | 0 | 256 | 3,892 | 5,000 | 5,000 | 5,000 |
| Population..... | 620,738 | 686,861 | 749,934 | 1,083,000 | 1,498,000 | 2,098,000 |
| Population Per Worker..... | 2.81 | 2.57 | 2.54 | 2.55 | 2.55 | 2.56 |

x/ Includes 5 counties outside the Appalachian Region. Data for the Appalachian Portion is shown on the following pages.

NA Not available.

a/ Data not of sufficient size to warrant projection.

TABLE LX

POPULATION AND EMPLOYMENT
HISTORICAL AND PROJECTED
ECONOMIC SUB-REGION 23 xx/

| | 1940 | 1950 | 1960 | 1980 | 2000 | 2020 |
|----------------------------|---------|---------|---------|---------|-----------|-----------|
| Employment..... | 164,718 | 207,539 | 237,228 | 348,000 | 485,000 | 678,000 |
| Agriculture..... | 44,312 | 28,088 | 11,050 | 3,000 | 1,000 | 1,000 |
| Mining..... | 225 | 260 | 411 | a/ | a/ | a/ |
| Construction..... | 5,107 | 12,591 | 14,772 | 22,000 | 33,000 | 48,000 |
| Manufacturing..... | 60,367 | 84,407 | 104,598 | 149,000 | 191,000 | 255,000 |
| Food..... | 1,732 | 2,467 | 3,553 | 4,000 | 7,000 | 9,000 |
| Textiles..... | 51,997 | 67,079 | 65,317 | 75,000 | 81,000 | 97,000 |
| Paper..... | NA | 314 | 52 | a/ | a/ | a/ |
| Chemicals..... | 886 | 803 | 1,003 | 1,000 | 1,000 | 1,000 |
| Petroleum..... | NA | 10 | 62 | a/ | a/ | a/ |
| Primary Metals..... | NA | 453 | 412 | a/ | a/ | a/ |
| Transportation, etc..... | 4,837 | 9,107 | 9,007 | 12,000 | 15,000 | 16,000 |
| Trade..... | 17,051 | 30,244 | 36,128 | 59,000 | 90,000 | 131,000 |
| Finance, etc..... | 2,113 | 3,828 | 6,499 | 14,000 | 28,000 | 48,000 |
| Services..... | 28,119 | 34,915 | 45,959 | 76,000 | 112,000 | 158,000 |
| Public Administration..... | 2,587 | 3,874 | 4,951 | 8,000 | 10,000 | 16,000 |
| Armed Forces..... | 0 | 225 | 3,853 | 5,000 | 5,000 | 5,000 |
| Population..... | 471,812 | 534,892 | 597,918 | 883,000 | 1,243,000 | 1,744,000 |
| Population Per Worker..... | 2.86 | 2.58 | 2.52 | 2.54 | 2.56 | 2.57 |

xx/ Appalachian Portion.

NA Not available.

a/ Data not of sufficient size to warrant projection.

TABLE LXI

POPULATION AND EMPLOYMENT
DEVELOPMENTAL BENCHMARKS
ECONOMIC SUB-REGION 23

| | 1980 | 2000 | 2020 |
|----------------------------|---------|-----------|-----------|
| Employment..... | 348,000 | 565,000 | 886,000 |
| Agriculture..... | 3,000 | 1,000 | 1,000 |
| Mining..... | a/ | a/ | a/ |
| Construction..... | 22,000 | 38,000 | 60,000 |
| Manufacturing..... | 149,000 | 223,000 | 336,000 |
| Food..... | 4,000 | 7,000 | 10,000 |
| Textiles..... | 78,000 | 81,000 | 104,000 |
| Paper..... | a/ | a/ | a/ |
| Chemicals..... | 1,000 | 1,000 | 2,000 |
| Petroleum..... | a/ | a/ | a/ |
| Primary Metals..... | a/ | a/ | a/ |
| Transportation, etc..... | 12,000 | 17,000 | 22,000 |
| Trade..... | 59,000 | 105,000 | 172,000 |
| Finance, etc..... | 14,000 | 33,000 | 63,000 |
| Services..... | 76,000 | 130,000 | 207,000 |
| Public Administration..... | 8,000 | 13,000 | 20,000 |
| Armed Forces..... | 5,000 | 5,000 | 5,000 |
| Population..... | 885,000 | 1,454,000 | 2,285,000 |
| Population Per Worker..... | 2.54 | 2.57 | 2.58 |

a/ Data not of sufficient size to warrant projection.

TABLE LXII

POPULATION AND EMPLOYMENT
HISTORICAL AND PROJECTED
ECONOMIC SUB-REGION 24 x/

| | 1940 | 1950 | 1960 | 1980 | 2000 | 2020 |
|----------------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| Employment..... | 443,903 | 545,813 | 663,431 | 1,027,000 | 1,450,000 | 2,139,000 |
| Agriculture..... | 113,333 | 73,190 | 29,791 | 8,000 | 3,000 | 2,000 |
| Mining..... | 1,549 | 2,057 | 1,596 | 2,000 | 2,000 | 2,000 |
| Construction..... | 19,917 | 37,000 | 45,509 | 68,000 | 95,000 | 146,000 |
| Manufacturing..... | 100,332 | 138,371 | 192,760 | 293,000 | 435,000 | 660,000 |
| Food..... | 7,518 | 12,939 | 22,691 | 38,000 | 61,000 | 73,000 |
| Textiles..... | 45,977 | 52,127 | 43,804 | 39,000 | 36,000 | 37,000 |
| Paper..... | NA | 2,758 | 5,716 | 15,000 | 28,000 | 42,000 |
| Chemicals..... | 4,466 | 3,831 | 6,331 | 12,000 | 19,000 | 29,000 |
| Petroleum..... | NA | 435 | 1,160 | 2,000 | 2,000 | 2,000 |
| Primary Metals..... | NA | 3,377 | 4,252 | 5,000 | 7,000 | 7,000 |
| Transportation, etc..... | 24,984 | 40,609 | 50,344 | 72,000 | 88,000 | 98,000 |
| Trade..... | 63,746 | 100,124 | 128,455 | 202,000 | 300,000 | 434,000 |
| Finance, etc..... | 12,228 | 18,470 | 31,502 | 71,000 | 112,000 | 180,000 |
| Services..... | 94,386 | 107,500 | 147,620 | 256,000 | 341,000 | 522,000 |
| Public Administration..... | 11,425 | 24,004 | 30,273 | 50,000 | 69,000 | 91,000 |
| Armed Forces..... | 2,003 | 4,478 | 5,581 | 5,000 | 5,000 | 4,000 |
| Population..... | 1,225,050 | 1,413,059 | 1,741,300 | 2,673,000 | 3,757,000 | 5,530,000 |
| Population Per Worker..... | 2.76 | 2.59 | 2.63 | 2.60 | 2.59 | 2.59 |

x/ Includes 23 counties outside the Appalachian Region. Data for the Appalachian Portion is shown in the following pages.

NA Not available.

TABLE LXIII

POPULATION AND EMPLOYMENT
HISTORICAL AND PROJECTED
ECONOMIC SUB-REGION 24 xx/

| | 1940 | 1950 | 1960 | 1980 | 2000 | 2020 |
|----------------------------|---------|---------|---------|---------|---------|-----------|
| Employment..... | 131,708 | 150,457 | 166,963 | 214,000 | 310,000 | 472,000 |
| Agriculture..... | 55,392 | 37,332 | 14,856 | 4,000 | 1,000 | 1,000 |
| Mining..... | 886 | 837 | 594 | 1,000 | 1,000 | 1,000 |
| Construction..... | 4,092 | 8,827 | 12,811 | 17,000 | 24,000 | 38,000 |
| Manufacturing..... | 36,394 | 50,537 | 66,605 | 88,000 | 135,000 | 205,000 |
| Food..... | 818 | 3,121 | 6,861 | 13,000 | 23,000 | 29,000 |
| Textiles..... | 20,438 | 23,721 | 20,268 | 18,000 | 17,000 | 18,000 |
| Paper..... | 0 | 227 | 1,609 | 5,000 | 10,000 | 15,000 |
| Chemicals..... | 1,826 | 726 | 2,153 | 4,000 | 7,000 | 10,000 |
| Petroleum..... | 0 | 64 | 298 | a/ | a/ | a/ |
| Primary Metals..... | 0 | 312 | 843 | 1,000 | 2,000 | 2,000 |
| Transportation, etc..... | 3,303 | 6,036 | 7,943 | 10,000 | 13,000 | 16,000 |
| Trade..... | 10,977 | 20,252 | 25,933 | 36,000 | 54,000 | 83,000 |
| Finance, etc..... | 988 | 1,886 | 3,982 | 7,000 | 12,000 | 20,000 |
| Services..... | 17,601 | 21,456 | 29,756 | 42,000 | 58,000 | 94,000 |
| Public Administration..... | 2,075 | 3,153 | 4,266 | 7,000 | 10,000 | 13,000 |
| Armed Forces..... | 0 | 141 | 217 | 2,000 | 2,000 | 1,000 |
| Population..... | 401,593 | 422,156 | 461,876 | 580,000 | 835,000 | 1,250,000 |
| Population Per Worker..... | 3.05 | 2.81 | 2.77 | 2.73 | 2.70 | 2.65 |

xx/ Appalachian Portion.

NA Not available.

a/ Data not of sufficient size to warrant projection.

TABLE LXIV
 POPULATION AND EMPLOYMENT
 DEVELOPMENTAL BENCHMARKS
 ECONOMIC SUB-REGION 24

| | 1980 | 2000 | 2020 |
|----------------------------|---------|---------|-----------|
| Employment..... | 243,000 | 348,000 | 484,000 |
| Agriculture..... | 4,000 | 1,000 | 1,000 |
| Mining..... | 1,000 | 1,000 | 1,000 |
| Construction..... | 23,000 | 28,000 | 40,000 |
| Manufacturing..... | 100,000 | 138,000 | 205,000 |
| Food..... | 13,000 | 23,000 | 29,000 |
| Textiles..... | 18,000 | 17,000 | 18,000 |
| Paper..... | 5,000 | 10,000 | 15,000 |
| Chemicals..... | 4,000 | 7,000 | 10,000 |
| Petroleum..... | 1,000 | 1,000 | 1,000 |
| Primary Metals..... | 2,000 | 3,000 | 5,000 |
| Transportation, etc..... | 10,000 | 18,000 | 20,000 |
| Trade..... | 36,000 | 55,000 | 85,000 |
| Finance, etc..... | 7,000 | 12,000 | 17,000 |
| Services..... | 48,000 | 74,000 | 94,000 |
| Public Administration..... | 12,000 | 18,000 | 20,000 |
| Armed Forces..... | 2,000 | 2,000 | 1,000 |
| Population..... | 655,000 | 905,000 | 1,256,000 |
| Population Per Worker..... | 2.70 | 2.60 | 2.58 |

TABLE LXV

POPULATION AND EMPLOYMENT
HISTORICAL AND PROJECTED
ECONOMIC SUB-REGION 25 x/

| | 1940 | 1950 | 1960 | 1980 | 2000 | 2020 |
|----------------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| Employment..... | 364,511 | 443,609 | 456,185 | 642,000 | 889,000 | 1,213,000 |
| Agriculture..... | 101,657 | 72,016 | 28,237 | 9,000 | 4,000 | 2,000 |
| Mining..... | 29,552 | 26,651 | 10,676 | 6,000 | 4,000 | 3,000 |
| Construction..... | 11,750 | 23,486 | 29,605 | 41,000 | 53,000 | 90,000 |
| Manufacturing..... | 79,629 | 113,091 | 132,232 | 195,000 | 268,000 | 334,000 |
| Food..... | 4,708 | 6,272 | 11,309 | 16,000 | 22,000 | 26,000 |
| Textiles..... | 14,153 | 18,008 | 13,306 | 11,000 | 9,000 | 8,000 |
| Paper..... | NA | 2,866 | 4,837 | 11,000 | 18,000 | 27,000 |
| Chemicals..... | 2,151 | 2,284 | 3,665 | 7,000 | 12,000 | 18,000 |
| Petroleum..... | NA | 1,851 | 679 | a/ | a/ | a/ |
| Primary Metals..... | NA | 42,101 | 40,232 | 41,000 | 36,000 | 33,000 |
| Transportation, etc..... | 18,405 | 29,636 | 30,057 | 35,000 | 36,000 | 38,000 |
| Trade..... | 43,051 | 72,273 | 82,605 | 124,000 | 177,000 | 238,000 |
| Finance, etc..... | 7,189 | 11,395 | 16,410 | 34,000 | 55,000 | 80,000 |
| Services..... | 65,476 | 79,594 | 103,516 | 158,000 | 230,000 | 335,000 |
| Public Administration..... | 7,066 | 13,769 | 18,543 | 35,000 | 57,000 | 88,000 |
| Armed Forces..... | 736 | 1,692 | 4,304 | 5,000 | 5,000 | 5,000 |
| Population..... | 1,180,873 | 1,320,311 | 1,386,813 | 1,861,000 | 2,495,000 | 3,328,000 |
| Population Per Worker..... | 3.24 | 2.97 | 3.04 | 2.91 | 2.81 | 2.75 |

x/ Includes two counties that are outside the Appalachian Region. Data for the Appalachian Portion is shown on the following pages.

NA Not available.

a/ Data not of sufficient size to warrant projection.

TABLE LXVI

POPULATION AND EMPLOYMENT
HISTORICAL AND PROJECTED
ECONOMIC SUB-REGION 25 xx/

| | 1940 | 1950 | 1960 | 1980 | 2000 | 2020 |
|----------------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| Employment..... | 348,353 | 431,811 | 446,528 | 629,900 | 872,000 | 1,196,000 |
| Agriculture..... | 88,864 | 64,630 | 24,312 | 7,000 | 3,000 | 2,000 |
| Mining..... | 29,557 | 26,640 | 10,677 | 6,000 | 4,000 | 3,000 |
| Construction..... | 11,493 | 23,117 | 29,087 | 40,000 | 50,000 | 87,000 |
| Manufacturing..... | 79,163 | 112,056 | 130,567 | 189,000 | 263,000 | 325,000 |
| Food..... | 4,632 | 6,140 | 10,422 | 14,000 | 19,000 | 22,000 |
| Textiles..... | 13,987 | 17,791 | 12,970 | 11,000 | 9,000 | 8,000 |
| Paper..... | NA | 2,866 | 4,908 | 11,000 | 18,000 | 27,000 |
| Chemicals..... | 2,127 | 2,256 | 3,566 | 7,000 | 12,000 | 18,000 |
| Petroleum..... | NA | 1,851 | 679 | a/ | a/ | a/ |
| Primary Metals..... | NA | 42,064 | 46,147 | 41,000 | 36,000 | 33,000 |
| Transportation, etc..... | 18,166 | 29,323 | 29,729 | 35,000 | 35,000 | 38,000 |
| Trade..... | 42,436 | 71,327 | 81,529 | 123,000 | 176,000 | 235,000 |
| Finance, etc..... | 7,143 | 11,319 | 16,283 | 33,000 | 53,000 | 80,000 |
| Services..... | 63,904 | 78,162 | 101,736 | 157,000 | 227,000 | 331,000 |
| Public Administration..... | 6,891 | 13,541 | 18,304 | 34,000 | 56,000 | 90,000 |
| Armed Forces..... | 736 | 1,696 | 4,304 | 5,000 | 5,000 | 5,000 |
| Population..... | 1,136,155 | 1,282,997 | 1,353,676 | 1,823,000 | 2,454,000 | 3,278,000 |
| Population Per Worker..... | 3.26 | 2.97 | 3.05 | 2.89 | 2.81 | 2.74 |

xx/ Appalachian Portion.

NA Not available.

a/ Data not of sufficient size to warrant projection.

TABLE LXVII
POPULATION AND EMPLOYMENT
DEVELOPMENTAL BENCHMARKS
ECONOMIC SUB-REGION 25

| | 1980 | 2000 | 2020 |
|----------------------------|-----------|-----------|-----------|
| Employment..... | 629,000 | 959,000 | 1,355,000 |
| Agriculture..... | 7,000 | 3,000 | 2,000 |
| Mining..... | 6,000 | 4,000 | 3,000 |
| Construction..... | 40,000 | 55,000 | 98,000 |
| Manufacturing..... | 189,000 | 280,000 | 401,000 |
| Food..... | 14,000 | 23,000 | 29,000 |
| Textiles..... | 11,000 | 10,000 | 9,000 |
| Paper..... | 11,000 | 19,000 | 30,000 |
| Chemicals..... | 7,000 | 13,000 | 20,000 |
| Petroleum..... | a/ | a/ | a/ |
| Primary Metals..... | 41,000 | 38,000 | 36,000 |
| Transportation, etc..... | 35,000 | 40,000 | 42,000 |
| Trade..... | 123,000 | 187,000 | 261,000 |
| Finance, etc..... | 33,000 | 56,000 | 85,000 |
| Services..... | 157,000 | 268,000 | 362,000 |
| Public Administration..... | 34,000 | 61,000 | 96,000 |
| Armed Forces..... | 5,000 | 5,000 | 5,000 |
| Population..... | 1,823,000 | 2,518,000 | 3,497,000 |
| Population Per Worker..... | 2.89 | 2.63 | 2.58 |

a/ Data not of sufficient size to warrant projection.

TABLE LXVIII

POPULATION AND EMPLOYMENT
HISTORICAL AND PROJECTED
ECONOMIC SUB-REGION 26 x/

| | 1940 | 1950 | 1960 | 1980 | 2000 | 2020 |
|----------------------------|---------|---------|---------|-----------|-----------|-----------|
| Employment..... | 276,493 | 305,578 | 307,644 | 376,000 | 468,000 | 596,000 |
| Agriculture..... | 106,310 | 62,693 | 26,991 | 8,000 | 3,000 | 2,000 |
| Mining..... | 311 | 337 | 522 | a/ | a/ | a/ |
| Construction..... | 8,361 | 16,225 | 16,025 | 19,000 | 21,000 | 25,000 |
| Manufacturing..... | 53,982 | 70,995 | 73,753 | 85,000 | 103,000 | 130,000 |
| Food..... | 3,667 | 4,604 | 8,074 | 10,000 | 14,000 | 15,000 |
| Textiles..... | 34,624 | 41,038 | 37,295 | 41,000 | 45,000 | 53,000 |
| Paper..... | NA | 138 | 311 | 1,000 | 2,000 | 3,000 |
| Chemicals..... | 1,385 | 1,258 | 996 | a/ | a/ | a/ |
| Petroleum..... | NA | 39 | 97 | a/ | a/ | a/ |
| Primary Metals..... | NA | 937 | 1,179 | 2,000 | 2,000 | 2,000 |
| Transportation, etc..... | 8,618 | 12,797 | 12,456 | 13,000 | 13,000 | 14,000 |
| Trade..... | 24,897 | 40,719 | 44,893 | 68,000 | 94,000 | 125,000 |
| Finance, etc..... | 2,977 | 5,377 | 8,213 | 20,000 | 28,000 | 41,000 |
| Services..... | 50,893 | 59,920 | 73,077 | 105,000 | 137,000 | 175,000 |
| Public Administration..... | 8,369 | 11,205 | 16,194 | 28,000 | 43,000 | 62,000 |
| Armed Forces..... | 11,775 | 25,310 | 35,520 | 30,000 | 26,000 | 22,000 |
| Population..... | 751,596 | 798,410 | 845,251 | 1,019,000 | 1,255,000 | 1,584,000 |
| Population Per Worker..... | 2.72 | 2.61 | 2.74 | 2.71 | 2.68 | 2.66 |

x/ Includes 19 counties that are outside the Appalachian Region. Data for the Appalachian Portion is shown on the following pages.

NA Not available.

a/ Data not of sufficient size to warrant projection.

TABLE LXIX

POPULATION AND EMPLOYMENT
HISTORICAL AND PROJECTED
ECONOMIC SUB-REGION 26 ^{xx/}

| | 1940 | 1950 | 1960 | 1980 | 2000 | 2020 |
|----------------------------|---------|---------|---------|---------|----------|----------|
| Employment..... | 55,488 | 54,499 | 51,880 | 64,000 | 81,000 | 106,000 |
| Agriculture..... | 24,874 | 14,153 | 5,003 | 1,000 | a/ a/ | a/ a/ |
| Mining..... | 64 | 62 | 99 | a/ | 4,000 | 5,000 |
| Construction..... | 1,084 | 2,526 | 2,907 | 4,000 | 33,000 | 42,000 |
| Manufacturing..... | 17,210 | 21,060 | 23,450 | 27,000 | 2,000 | 3,000 |
| Food..... | 229 | 343 | 830 | 1,000 | 21,000 | 25,000 |
| Textiles..... | 13,753 | 15,618 | 15,746 | 18,000 | a/ | a/ |
| Paper..... | NA | 4 | 6 | a/ | a/ | a/ |
| Chemicals..... | 119 | 132 | 194 | a/ | a/ | a/ |
| Petroleum..... | NA | 0 | 6 | a/ | a/ | a/ |
| Primary Metals..... | NA | 286 | 620 | 1,000 | 1,000 | 1,000 |
| Transportation, etc..... | 823 | 1,476 | 1,548 | 2,000 | 2,000 | 2,000 |
| Trade..... | 3,073 | 5,439 | 6,346 | 10,000 | 15,000 | 21,000 |
| Finance, etc..... | 252 | 454 | 767 | 2,000 | 3,000 | 4,000 |
| Services..... | 7,345 | 8,153 | 9,969 | 15,000 | 19,000 | 25,000 |
| Public Administration..... | 763 | 1,119 | 1,705 | 3,000 | 5,000 | 7,000 |
| Armed Forces..... | 0 | 57 | 86 | 0 | 0 | 0 |
| Population..... | 159,548 | 147,505 | 138,835 | 173,000 | 209,000 | 259,000 |
| Population Per Worker..... | 2.88 | 2.71 | 2.68 | 2.70 | 2.58 | 2.44 |

^{xx/} Appalachian Portion.

NA Not available.

a/ Data not of sufficient size to warrant projection.

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TABLE LXX
 POPULATION AND EMPLOYMENT
 DEVELOPMENTAL BENCHMARKS
 ECONOMIC SUB-REGION 26

| | 1980 | 2000 | 2020 |
|----------------------------|---------|---------|---------|
| Employment..... | 66,000 | 93,000 | 128,000 |
| Agriculture..... | 1,000 | a/ | a/ |
| Mining..... | a/ | a/ | a/ |
| Construction..... | 4,000 | 4,000 | 6,000 |
| Manufacturing..... | 29,000 | 42,000 | 55,000 |
| Food..... | 1,000 | 2,000 | 3,000 |
| Textiles..... | 18,000 | 21,000 | 25,000 |
| Paper..... | a/ | a/ | a/ |
| Chemicals..... | a/ | a/ | a/ |
| Petroleum..... | 1,000 | 1,000 | 1,000 |
| Primary Metals..... | 2,000 | 3,000 | 4,000 |
| Transportation, etc..... | 10,000 | 15,000 | 23,000 |
| Trade..... | 2,000 | 3,000 | 4,000 |
| Finance, etc..... | 15,000 | 21,000 | 28,000 |
| Services..... | 3,000 | 5,000 | 8,000 |
| Public Administration..... | 0 | 0 | 0 |
| Armed Forces..... | 0 | 0 | 0 |
| Population..... | 173,000 | 239,000 | 332,000 |
| Population Per Worker..... | 2.61 | 2.57 | 2.58 |

a/ Data not of sufficient size to warrant projection.

TABLE LXXI

POPULATION AND EMPLOYMENT
HISTORICAL AND PROJECTED
ECONOMIC SUB-REGION 27 x/

| | 1940 | 1950 | 1960 | 1980 | 2000 | 2020 |
|----------------------------|---------|---------|---------|---------|---------|---------|
| Employment..... | 140,628 | 140,088 | 134,040 | 167,000 | 216,000 | 285,000 |
| Agriculture..... | 88,781 | 72,649 | 32,344 | 16,000 | 15,000 | 14,000 |
| Mining..... | 198 | 175 | 320 | 1,000 | 1,000 | 1,000 |
| Construction..... | 3,756 | 5,497 | 7,887 | 11,000 | 14,000 | 18,000 |
| Manufacturing..... | 11,882 | 16,744 | 33,591 | 57,000 | 75,000 | 99,000 |
| Food..... | 985 | 1,665 | 3,301 | 4,000 | 5,000 | 6,000 |
| Textiles..... | 501 | 679 | 576 | 1,000 | 1,000 | 1,000 |
| Paper..... | NA | 61 | 51 | a/ | a/ | a/ |
| Chemicals..... | 212 | 376 | 472 | 1,000 | 1,000 | 1,000 |
| Petroleum..... | NA | 5 | 51 | a/ | a/ | a/ |
| Primary Metals..... | NA | 80 | 123 | a/ | a/ | a/ |
| Transportation, etc..... | 3,869 | 4,988 | 5,874 | 6,000 | 6,000 | 7,000 |
| Trade..... | 10,388 | 16,036 | 19,008 | 23,000 | 28,000 | 37,000 |
| Finance, etc..... | 785 | 1,146 | 1,930 | 3,000 | 4,000 | 5,000 |
| Services..... | 18,894 | 20,077 | 26,763 | 41,000 | 58,000 | 82,000 |
| Public Administration..... | 2,075 | 2,634 | 3,836 | 6,000 | 12,000 | 19,000 |
| Armed Forces..... | 0 | 142 | 2,487 | 3,000 | 3,000 | 3,000 |
| Population..... | 457,522 | 426,076 | 406,187 | 491,000 | 617,000 | 793,000 |
| Population Per Worker..... | 3.25 | 3.04 | 3.03 | 2.94 | 2.85 | 2.79 |

x/ Entirely within Appalachian Region.

NA Not available.

a/ Data not of sufficient size to warrant projection.

TABLE LXXII

POPULATION AND EMPLOYMENT
DEVELOPMENTAL BENCHMARKS
ECONOMIC SUB-REGION 27

| | 1980 | 2000 | 2020 |
|----------------------------|---------|---------|-----------|
| Employment..... | 203,000 | 300,000 | 400,000 |
| Agriculture..... | 16,000 | 15,000 | 14,000 |
| Mining..... | 1,000 | 1,000 | 2,000 |
| Construction..... | 16,000 | 21,000 | 26,000 |
| Manufacturing..... | 70,000 | 100,000 | 145,000 |
| Food..... | 5,000 | 9,000 | 12,000 |
| Textiles..... | 1,000 | 3,000 | 5,000 |
| Paper..... | 1,000 | 4,000 | 6,000 |
| Chemicals..... | 1,000 | 8,000 | 13,000 |
| Petroleum..... | a/ | a/ | a/ |
| Primary Metals..... | 3,000 | 8,000 | 11,000 |
| Transportation, etc..... | 8,000 | 10,000 | 12,000 |
| Trade..... | 28,000 | 40,000 | 50,000 |
| Finance, etc..... | 4,000 | 11,000 | 14,000 |
| Services..... | 49,000 | 83,000 | 110,000 |
| Public Administration..... | 8,000 | 16,000 | 25,000 |
| Armed Forces..... | 3,000 | 3,000 | 3,000 |
| Population..... | 597,000 | 852,000 | 1,112,000 |
| Population Per Worker..... | 2.94 | 2.84 | 2.78 |

a/ Data not of sufficient size to warrant projection.

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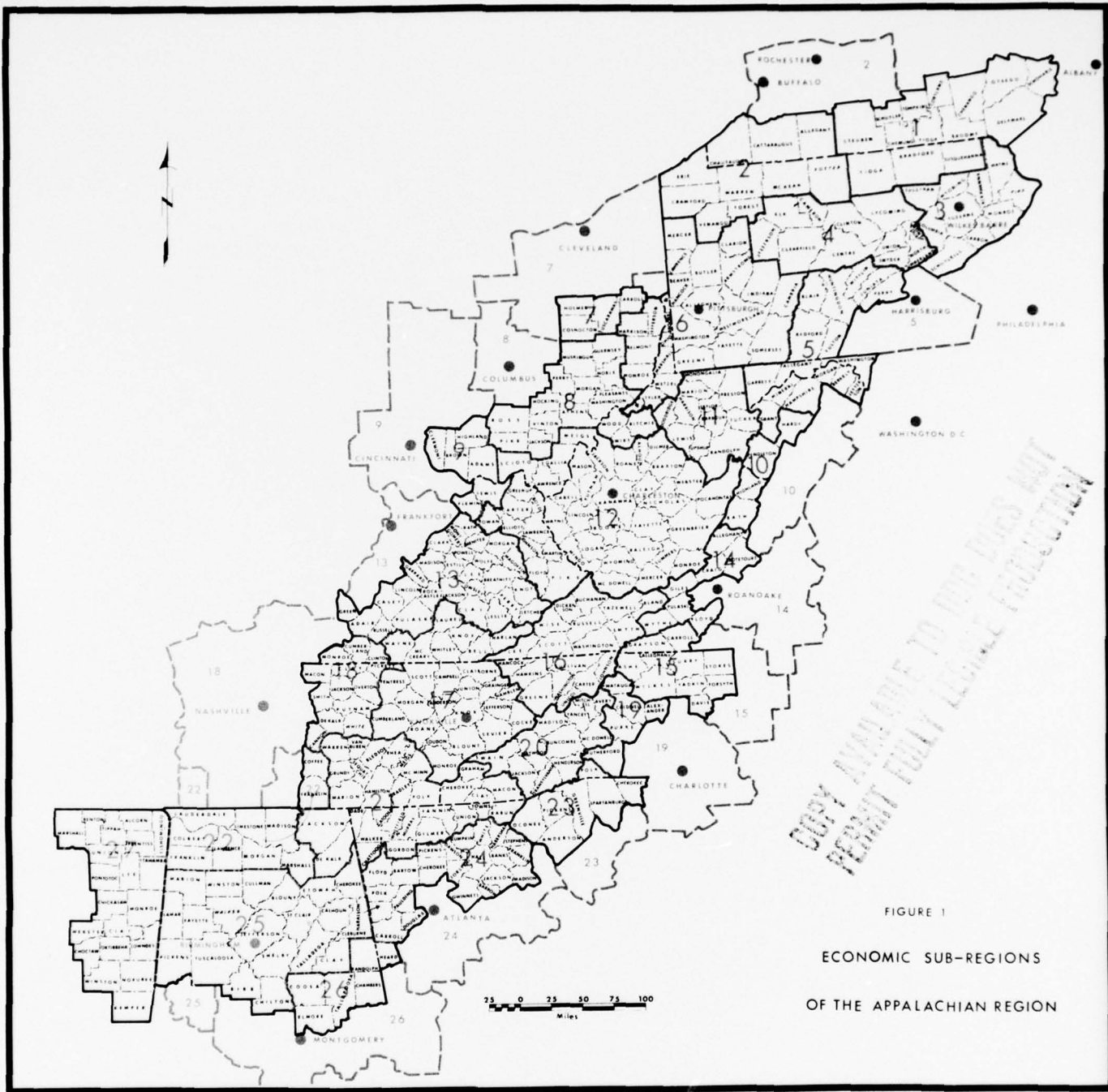


FIGURE 1
ECONOMIC SUB-REGIONS
OF THE APPALACHIAN REGION

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CHAPTER 5

POPULATION AND EMPLOYMENT
WATER SUB-REGIONS AND WATER AREAS
OF THE APPALACHIAN REGION

This chapter contains much of the same data as Chapter 4, the difference being a disaggregation on different boundaries. Water Sub-regions B, D, E, F, G, I and J are further subdivided into Water Areas.

Organization of this chapter is presentation of the historical (1960) and projected population and employment and developmental benchmarks. A map at the end of this chapter shows the boundaries of the Water Sub-regions and Water Areas of the Appalachian Region.

TABLE LXXIII

POPULATION AND EMPLOYMENT
HISTORICAL AND PROJECTED
WATER SUB-REGION A

| | 1960 | 1980 | 2000 | 2020 |
|----------------------------|---------|-----------|-----------|-----------|
| Employment..... | 313,602 | 362,000 | 446,000 | 564,000 |
| Agriculture..... | 7,381 | 4,000 | 4,000 | 4,000 |
| Mining..... | 15,188 | 5,000 | 5,000 | 3,000 |
| Construction..... | 15,196 | 18,000 | 23,000 | 27,000 |
| Manufacturing..... | 119,877 | 142,000 | 162,000 | 197,000 |
| Food..... | 8,721 | 8,000 | 6,000 | 5,000 |
| Textiles..... | 10,017 | 5,000 | 4,000 | 3,000 |
| Paper..... | 765 | 1,000 | 1,000 | 1,000 |
| Chemicals..... | 2,551 | 3,000 | 5,000 | 7,000 |
| Petroleum..... | 158 | a/ | a/ | a/ |
| Primary Metals..... | 6,546 | 8,000 | 10,000 | 11,000 |
| Transportation, etc..... | 23,792 | 18,000 | 13,000 | 10,000 |
| Trade..... | 55,435 | 68,000 | 96,000 | 121,000 |
| Finance, etc..... | 8,483 | 12,000 | 14,000 | 14,000 |
| Services..... | 54,113 | 70,000 | 92,000 | 135,000 |
| Public Administration..... | 13,315 | 24,000 | 36,000 | 52,000 |
| Armed Forces..... | 822 | 1,000 | 1,000 | 1,000 |
| Population..... | 884,381 | 1,004,000 | 1,216,000 | 1,524,000 |

a/ Data not of sufficient size to warrant projection.

TABLE LXXIV
 POPULATION AND EMPLOYMENT
 DEVELOPMENTAL BENCHMARKS
 WATER SUB-REGION A

| | 1980 | 2000 | 2020 |
|----------------------------|-----------|-----------|-----------|
| Employment..... | 372,000 | 522,000 | 775,000 |
| Agriculture..... | 4,000 | 4,000 | 4,000 |
| Mining..... | 5,000 | 5,000 | 3,000 |
| Construction..... | 18,000 | 27,000 | 38,000 |
| Manufacturing..... | 146,000 | 188,000 | 271,000 |
| Food..... | 8,000 | 7,000 | 7,000 |
| Textiles..... | 5,000 | 4,000 | 3,000 |
| Paper..... | 1,000 | 2,000 | 2,000 |
| Chemicals..... | 3,000 | 6,000 | 10,000 |
| Petroleum..... | a/ | a/ | a/ |
| Primary Metals..... | 8,000 | 11,000 | 13,000 |
| Transportation, etc..... | 18,000 | 17,000 | 16,000 |
| Trade..... | 69,000 | 112,000 | 167,000 |
| Finance, etc..... | 12,000 | 16,000 | 19,000 |
| Services..... | 75,000 | 110,000 | 184,000 |
| Public Administration..... | 24,000 | 42,000 | 72,000 |
| Armed Forces..... | 1,000 | 1,000 | 1,000 |
| Population..... | 1,006,000 | 1,420,000 | 1,999,000 |

a/ Data not of sufficient size to warrant projection.

TABLE LXXV

POPULATION AND EMPLOYMENT
HISTORICAL AND PROJECTED
WATER AREA B-1

| | 1960 | 1980 | 2000 | 2020 |
|----------------------------|---------|-----------|-----------|-----------|
| Employment..... | 324,350 | 419,000 | 533,000 | 667,000 |
| Agriculture..... | 28,872 | 19,000 | 17,000 | 16,000 |
| Mining..... | 1,071 | 4,000 | 4,000 | 3,000 |
| Construction..... | 16,911 | 19,000 | 19,000 | 21,000 |
| Manufacturing..... | 119,654 | 156,000 | 195,000 | 250,000 |
| Food..... | 7,383 | 6,000 | 6,000 | 6,000 |
| Textiles..... | 1,923 | a/ | a/ | a/ |
| Paper..... | 1,158 | 1,000 | 1,000 | 1,000 |
| Chemicals..... | 2,269 | 3,000 | 5,000 | 7,000 |
| Petroleum..... | 104 | a/ | a/ | a/ |
| Primary Metals..... | 3,007 | 2,000 | 2,000 | 2,000 |
| Transportation, etc..... | 17,803 | 18,000 | 18,000 | 16,000 |
| Trade..... | 49,250 | 72,000 | 100,000 | 128,000 |
| Finance, etc..... | 7,960 | 15,000 | 22,000 | 27,000 |
| Services..... | 72,206 | 100,000 | 133,000 | 170,000 |
| Public Administration..... | 10,261 | 16,000 | 25,000 | 36,000 |
| Armed Forces..... | 362 | a/ | a/ | a/ |
| Population..... | 878,256 | 1,122,000 | 1,445,000 | 1,772,000 |

a/ Data not of sufficient size to warrant projection.

TABLE LXXVI
POPULATION AND EMPLOYMENT
DEVELOPMENTAL BENCHMARKS
WATER AREA B-1

| | 1980 | 2000 | 2020 |
|----------------------------|-----------|-----------|-----------|
| Employment..... | 440,000 | 717,000 | 1,100,000 |
| Agriculture..... | 19,000 | 17,000 | 16,000 |
| Mining..... | 4,000 | 4,000 | 4,000 |
| Construction..... | 23,000 | 30,000 | 36,000 |
| Manufacturing..... | 157,000 | 266,000 | 400,000 |
| Food..... | 10,000 | 9,000 | 9,000 |
| Textiles..... | a/ | a/ | a/ |
| Paper..... | 1,000 | 1,000 | 1,000 |
| Chemicals..... | 7,000 | 7,000 | 12,000 |
| Petroleum..... | a/ | a/ | a/ |
| Primary Metals..... | 2,000 | 3,000 | 4,000 |
| Transportation, etc..... | 20,000 | 23,000 | 25,000 |
| Trade..... | 84,000 | 140,000 | 220,000 |
| Finance, etc..... | 15,000 | 37,000 | 45,000 |
| Services..... | 101,000 | 162,000 | 290,000 |
| Public Administration..... | 17,000 | 38,000 | 64,000 |
| Armed Forces..... | a/ | a/ | a/ |
| Population..... | 1,172,000 | 1,867,000 | 2,870,000 |

a/ Data not of sufficient size to warrant projection.

TABLE LXXVII
 POPULATION AND EMPLOYMENT
 HISTORICAL AND PROJECTED
 WATER AREA B-2

| | 1960 | 1980 | 2000 | 2020 |
|----------------------------|-----------|-----------|-----------|-----------|
| Employment..... | 353,115 | 451,000 | 571,000 | 761,000 |
| Agriculture..... | 20,189 | 12,000 | 11,000 | 12,000 |
| Mining..... | 12,413 | 6,000 | 5,000 | 3,000 |
| Construction..... | 18,604 | 23,000 | 28,000 | 37,000 |
| Manufacturing..... | 119,214 | 157,000 | 179,000 | 231,000 |
| Food..... | 9,696 | 11,000 | 12,000 | 13,000 |
| Textiles..... | 9,318 | 6,000 | 3,000 | 2,000 |
| Paper..... | 5,110 | 8,000 | 11,000 | 14,000 |
| Chemicals..... | 5,082 | 8,000 | 12,000 | 17,000 |
| Petroleum..... | 176 | a/ | a/ | a/ |
| Primary Metals..... | 21,435 | 23,000 | 23,000 | 22,000 |
| Transportation, etc..... | 32,837 | 29,000 | 25,000 | 24,000 |
| Trade..... | 60,991 | 83,000 | 111,000 | 156,000 |
| Finance, etc..... | 8,155 | 14,000 | 21,000 | 28,000 |
| Services..... | 67,293 | 104,000 | 157,000 | 222,000 |
| Public Administration..... | 12,912 | 23,000 | 34,000 | 48,000 |
| Armed Forces..... | 507 | a/ | a/ | a/ |
| Population..... | 1,048,803 | 1,304,000 | 1,590,000 | 2,119,000 |

a/ Data not of sufficient size to warrant projection.

TABLE LXXVIII
 POPULATION AND EMPLOYMENT
 DEVELOPMENTAL BENCHMARKS
 WATER AREA B-2

| | 1980 | 2000 | 2020 |
|----------------------------|-----------|-----------|-----------|
| Employment..... | 461,000 | 648,000 | 884,000 |
| Agriculture..... | 12,000 | 11,000 | 12,000 |
| Mining..... | 6,000 | 5,000 | 3,000 |
| Construction..... | 23,000 | 30,000 | 40,000 |
| Manufacturing..... | 160,000 | 216,000 | 286,000 |
| Food..... | 11,000 | 13,000 | 13,000 |
| Textiles..... | 6,000 | 3,000 | 3,000 |
| Paper..... | 8,000 | 11,000 | 15,000 |
| Chemicals..... | 8,000 | 12,000 | 17,000 |
| Petroleum..... | a/ | a/ | a/ |
| Primary Metals..... | 24,000 | 24,000 | 23,000 |
| Transportation, etc..... | 30,000 | 27,000 | 28,000 |
| Trade..... | 85,000 | 130,000 | 170,000 |
| Finance, etc..... | 14,000 | 23,000 | 30,000 |
| Services..... | 107,000 | 170,000 | 260,000 |
| Public Administration..... | 24,000 | 36,000 | 55,000 |
| Armed Forces..... | a/ | a/ | a/ |
| Population..... | 1,312,000 | 1,649,000 | 2,253,000 |

a/ Data not of sufficient size to warrant projection.

TABLE LXXIX

POPULATION AND EMPLOYMENT
HISTORICAL AND PROJECTED
WATER AREA B-3

1960 1980 2000 2020

| | 1960 | 1980 | 2000 | 2020 |
|----------------------------|---------|---------|---------|---------|
| Employment..... | 105,011 | 134,000 | 158,000 | 184,000 |
| Agriculture..... | 9,910 | 6,000 | 5,000 | 5,000 |
| Mining..... | 1,593 | 1,000 | 1,000 | 1,000 |
| Construction..... | 6,895 | 10,000 | 11,000 | 12,000 |
| Manufacturing..... | 30,442 | 40,000 | 48,000 | 52,000 |
| Food..... | 2,653 | 3,000 | 4,000 | 4,000 |
| Textiles..... | 2,219 | 1,000 | 1,000 | 1,000 |
| Paper..... | 1,854 | 2,000 | 3,000 | 4,000 |
| Chemicals..... | 4,045 | 5,000 | 5,000 | 5,000 |
| Petroleum..... | 42 | a/ | a/ | a/ |
| Primary Metals..... | 222 | a/ | a/ | a/ |
| Transportation, etc..... | 11,799 | 11,000 | 9,000 | 8,000 |
| Trade..... | 18,084 | 25,000 | 33,000 | 41,000 |
| Finance, etc..... | 2,252 | 4,000 | 6,000 | 8,000 |
| Services..... | 19,847 | 30,000 | 35,000 | 44,000 |
| Public Administration..... | 3,519 | 6,000 | 9,000 | 12,000 |
| Armed Forces..... | 670 | 1,000 | 1,000 | 1,000 |
| Population..... | 316,404 | 376,000 | 436,000 | 503,000 |

a/ Data not of sufficient size to warrant projection.

TABLE LXXX
 POPULATION AND EMPLOYMENT
 DEVELOPMENTAL BENCHMARKS
 WATER AREA B-3

| | 1980 | 2000 | 2020 |
|----------------------------|---------|---------|---------|
| Employment..... | 139,000 | 168,000 | 233,000 |
| Agriculture..... | 6,000 | 5,000 | 5,000 |
| Mining..... | 1,000 | 1,000 | 1,000 |
| Construction..... | 10,000 | 12,000 | 16,000 |
| Manufacturing..... | 44,000 | 51,000 | 65,000 |
| Food..... | 3,000 | 4,000 | 5,000 |
| Textiles..... | 1,000 | 1,000 | 1,400 |
| Paper..... | 2,000 | 3,000 | 4,000 |
| Chemicals..... | 5,000 | 5,000 | 6,000 |
| Petroleum..... | a/ | a/ | a/ |
| Primary Metals..... | a/ | a/ | a/ |
| Transportation, etc..... | 11,000 | 10,000 | 10,000 |
| Trade..... | 26,000 | 35,000 | 52,000 |
| Finance, etc..... | 4,000 | 6,000 | 10,000 |
| Services..... | 30,000 | 38,000 | 58,000 |
| Public Administration..... | 6,000 | 9,000 | 15,000 |
| Armed Forces..... | 1,000 | 1,000 | 1,000 |
| Population..... | 376,000 | 466,000 | 647,000 |

a/ Data not of sufficient size to warrant projection.

TABLE LXXXI
POPULATION AND EMPLOYMENT
HISTORICAL AND PROJECTED
WATER SUB-REGION C

| | 1960 | 1980 | 2000 | 2020 |
|----------------------------|--------|--------|--------|--------|
| Employment..... | 19,739 | 25,000 | 28,000 | 37,000 |
| Agriculture..... | 1,939 | 1,000 | 1,000 | 1,000 |
| Mining..... | 202 | a/ | a/ | a/ |
| Construction..... | 900 | 2,000 | 2,000 | 1,000 |
| Manufacturing..... | 7,120 | 9,000 | 9,000 | 12,000 |
| Food..... | 364 | 1,000 | 1,000 | 1,000 |
| Textiles..... | 883 | 1,000 | 1,000 | 1,000 |
| Paper..... | 2,193 | 2,000 | 2,000 | 2,000 |
| Chemicals..... | 576 | a/ | a/ | a/ |
| Petroleum..... | 0 | 0 | 0 | 0 |
| Primary Metals..... | 20 | 1,000 | 1,000 | 1,000 |
| Transportation, etc..... | 2,607 | 2,000 | 2,000 | 3,000 |
| Trade..... | 2,256 | 3,000 | 4,000 | 7,000 |
| Finance, etc..... | 325 | 1,000 | 1,000 | 1,000 |
| Services..... | 3,631 | 6,000 | 7,000 | 9,000 |
| Public Administration..... | 660 | 1,000 | 2,000 | 3,000 |
| Armed Forces..... | 99 | a/ | a/ | a/ |
| Population..... | 57,085 | 66,000 | 73,000 | 95,000 |

a/ Data not of sufficient size to warrant projection.

TABLE LXXXII
 POPULATION AND EMPLOYMENT
 DEVELOPMENTAL BENCHMARKS
 WATER SUB-REGION C

| | 1980 | 2000 | 2020 |
|----------------------------|--------|--------|---------|
| Employment..... | 29,000 | 35,000 | 42,000 |
| Agriculture..... | 1,000 | 1,000 | 1,000 |
| Mining..... | a/ | a/ | a/ |
| Construction..... | 2,000 | 3,000 | 2,000 |
| Manufacturing..... | 10,000 | 12,000 | 13,000 |
| Food..... | 1,000 | 1,000 | 1,000 |
| Textiles..... | 1,000 | 1,000 | 1,000 |
| Paper..... | 2,000 | 2,000 | 2,000 |
| Chemicals..... | a/ | a/ | a/ |
| Petroleum..... | 0 | 0 | 0 |
| Primary Metals..... | 1,000 | 1,000 | 1,000 |
| Transportation, etc..... | 3,000 | 3,000 | 4,000 |
| Trade..... | 4,000 | 5,000 | 8,000 |
| Finance, etc..... | 1,000 | 1,000 | 1,000 |
| Services..... | 7,000 | 8,000 | 10,000 |
| Public Administration..... | 1,000 | 2,000 | 3,000 |
| Armed Forces..... | a/ | a/ | a/ |
| Population..... | 66,000 | 90,000 | 110,000 |

a/ Data not of sufficient size to warrant projection.

TABLE LXXXIII
 POPULATION AND EMPLOYMENT
 HISTORICAL AND PROJECTED
 WATER AREA D-1

| | 1960 | 1980 | 2000 | 2020 |
|----------------------------|---------|---------|-----------|-----------|
| Employment..... | 217,132 | 334,000 | 476,000 | 654,000 |
| Agriculture..... | 20,833 | 11,000 | 8,000 | 7,000 |
| Mining..... | 694 | 1,000 | 1,000 | 1,000 |
| Construction..... | 13,005 | 21,000 | 30,000 | 45,000 |
| Manufacturing..... | 92,684 | 148,000 | 198,000 | 259,000 |
| Food..... | 3,642 | 5,000 | 8,000 | 9,000 |
| Textiles..... | 38,763 | 50,000 | 61,000 | 76,000 |
| Paper..... | 504 | 1,000 | 2,000 | 4,000 |
| Chemicals..... | 346 | 1,000 | 1,000 | 1,000 |
| Petroleum..... | 4 | a/ | a/ | a/ |
| Primary Metals..... | 284 | 1,000 | 1,000 | 1,000 |
| Transportation, etc..... | 10,186 | 17,000 | 22,000 | 25,000 |
| Trade..... | 31,627 | 52,000 | 80,000 | 111,000 |
| Finance, etc..... | 4,930 | 11,000 | 20,000 | 32,000 |
| Services..... | 37,772 | 64,000 | 103,000 | 154,000 |
| Public Administration..... | 5,133 | 9,000 | 14,000 | 20,000 |
| Armed Forces..... | 268 | a/ | a/ | a/ |
| Population..... | 573,356 | 792,000 | 1,155,000 | 1,622,000 |

a/ Data not of sufficient size to warrant projection.

TABLE LXXXIV
 POPULATION AND EMPLOYMENT
 DEVELOPMENTAL BENCHMARKS
 WATER AREA D-1

| | 1980 | 2000 | 2020 |
|----------------------------|---------|-----------|-----------|
| Employment..... | 348,000 | 519,000 | 816,000 |
| Agriculture..... | 11,000 | 8,000 | 7,000 |
| Mining..... | 1,000 | 1,000 | 1,000 |
| Construction..... | 21,000 | 33,000 | 56,000 |
| Manufacturing..... | 158,000 | 217,000 | 323,000 |
| Food..... | 5,000 | 8,000 | 9,000 |
| Textiles..... | 50,000 | 62,000 | 80,000 |
| Paper..... | 1,000 | 2,000 | 4,000 |
| Chemicals..... | 1,000 | 1,000 | 2,000 |
| Petroleum..... | a/ | a/ | a/ |
| Primary Metals..... | 1,000 | 1,000 | 1,000 |
| Transportation, etc..... | 18,000 | 24,000 | 31,000 |
| Trade..... | 55,000 | 87,000 | 137,000 |
| Finance, etc..... | 11,000 | 27,000 | 40,000 |
| Services..... | 64,000 | 107,000 | 195,000 |
| Public Administration..... | 9,000 | 15,000 | 26,000 |
| Armed Forces..... | a/ | a/ | a/ |
| Population..... | 796,000 | 1,334,000 | 2,106,000 |

a/ Data not of sufficient size to warrant projection.

TABLE LXXXV

POPULATION AND EMPLOYMENT
HISTORICAL AND PROJECTED
WATER AREA D-2

| | 1960 | 1980 | 2000 | 2020 |
|----------------------------|---------|---------|-----------|-----------|
| Employment..... | 250,346 | 365,000 | 514,000 | 726,000 |
| Agriculture..... | 13,039 | 4,000 | 1,000 | 1,000 |
| Mining..... | 423 | a/ | a/ | a/ |
| Construction..... | 15,828 | 24,000 | 36,000 | 53,000 |
| Manufacturing..... | 106,982 | 157,000 | 204,000 | 280,000 |
| Food..... | 4,273 | 6,000 | 9,000 | 12,000 |
| Textiles..... | 65,567 | 75,000 | 81,000 | 96,000 |
| Paper..... | 52 | a/ | a/ | a/ |
| Chemicals..... | 1,027 | 1,000 | 1,000 | 1,000 |
| Petroleum..... | 62 | a/ | a/ | a/ |
| Primary Metals..... | 457 | a/ | a/ | a/ |
| Transportation, etc..... | 9,550 | 12,000 | 16,000 | 18,000 |
| Trade..... | 38,055 | 61,000 | 94,000 | 137,000 |
| Finance, etc..... | 6,758 | 15,000 | 29,000 | 50,000 |
| Services..... | 50,601 | 78,000 | 116,000 | 164,000 |
| Public Administration..... | 5,236 | 8,000 | 12,000 | 17,000 |
| Armed Forces..... | 3,874 | 6,000 | 6,000 | 6,000 |
| Population..... | 630,726 | 927,000 | 1,306,000 | 1,870,000 |

a/ Data not of sufficient size to warrant projection.

TABLE LXXXVI
 POPULATION AND EMPLOYMENT
 DEVELOPMENTAL BENCHMARKS
 WATER AREA D-2

| | 1980 | 2000 | 2020 |
|----------------------------|---------|-----------|-----------|
| Employment..... | 365,000 | 581,000 | 901,000 |
| Agriculture..... | 4,000 | 1,000 | 1,000 |
| Mining..... | a/ | a/ | a/ |
| Construction..... | 24,000 | 39,000 | 66,000 |
| Manufacturing..... | 157,000 | 227,000 | 347,000 |
| Food..... | 6,000 | 10,000 | 13,000 |
| Textiles..... | 75,000 | 85,000 | 101,000 |
| Paper..... | a/ | a/ | a/ |
| Chemicals..... | 1,000 | 2,000 | 2,000 |
| Petroleum..... | a/ | a/ | a/ |
| Primary Metals..... | a/ | a/ | a/ |
| Transportation, etc..... | 12,000 | 18,000 | 23,000 |
| Trade..... | 61,000 | 104,000 | 170,000 |
| Finance, etc..... | 15,000 | 32,000 | 62,000 |
| Services..... | 78,000 | 141,000 | 205,000 |
| Public Administration..... | 8,000 | 13,000 | 21,000 |
| Armed Forces..... | 6,000 | 6,000 | 6,000 |
| Population..... | 930,000 | 1,494,000 | 2,325,000 |

a/ Data not of sufficient size to warrant projection.

TABLE LXXXVII
 POPULATION AND EMPLOYMENT
 HISTORICAL AND PROJECTED
 WATER AREA E-1

| | 1960 | 1980 | 2000 | 2020 |
|----------------------------|---------|---------|---------|---------|
| Employment..... | 86,339 | 115,000 | 176,000 | 279,000 |
| Agriculture..... | 11,519 | 3,000 | 1,000 | 1,000 |
| Mining..... | 1,110 | 1,000 | 1,000 | 1,000 |
| Construction..... | 5,798 | 9,000 | 13,000 | 22,000 |
| Manufacturing..... | 29,317 | 48,000 | 75,000 | 119,000 |
| Food..... | 4,526 | 9,000 | 16,000 | 21,000 |
| Textiles..... | 9,370 | 10,000 | 11,000 | 12,000 |
| Paper..... | 386 | 2,000 | 3,000 | 5,000 |
| Chemicals..... | 532 | 1,000 | 2,000 | 3,000 |
| Petroleum..... | 89 | a/ | a/ | a/ |
| Primary Metals..... | 342 | a/ | a/ | a/ |
| Transportation, etc..... | 4,142 | 5,000 | 7,000 | 8,000 |
| Trade..... | 16,853 | 22,000 | 38,000 | 62,000 |
| Finance, etc..... | 1,362 | 4,000 | 7,000 | 12,000 |
| Services..... | 14,102 | 19,000 | 29,000 | 47,000 |
| Public Administration..... | 2,291 | 4,000 | 5,000 | 7,000 |
| Armed Forces..... | 145 | a/ | a/ | a/ |
| Population..... | 252,444 | 328,000 | 491,000 | 754,000 |

a/ Data not of sufficient size to warrant projection.

TABLE LXXXVIII
 POPULATION AND EMPLOYMENT
 DEVELOPMENTAL BENCHMARKS
 WATER AREA E-1

| | 1980 | 2000 | 2020 |
|----------------------------|---------|---------|---------|
| Employment..... | 130,000 | 207,000 | 296,000 |
| Agriculture..... | 3,000 | 1,000 | 1,000 |
| Mining..... | 1,000 | 1,000 | 1,000 |
| Construction..... | 11,000 | 16,000 | 23,000 |
| Manufacturing..... | 54,000 | 89,000 | 127,000 |
| Food..... | 9,000 | 17,000 | 21,000 |
| Textiles..... | 11,000 | 11,000 | 13,000 |
| Paper..... | 2,000 | 4,000 | 5,000 |
| Chemicals..... | 1,000 | 2,000 | 3,000 |
| Petroleum..... | a/ | a/ | a/ |
| Primary Metals..... | a/ | a/ | a/ |
| Transportation, etc..... | 6,000 | 8,000 | 9,000 |
| Trade..... | 25,000 | 44,000 | 66,000 |
| Finance, etc..... | 4,000 | 8,000 | 13,000 |
| Services..... | 22,000 | 34,000 | 49,000 |
| Public Administration..... | 4,000 | 6,000 | 7,000 |
| Armed Forces..... | a/ | a/ | a/ |
| Population..... | 380,000 | 537,000 | 763,000 |

a/ Data not of sufficient size to warrant projection.

TABLE LXXXIX

POPULATION AND EMPLOYMENT
HISTORICAL AND PROJECTED
WATER AREA E-2

| | 1960 | 1980 | 2000 | 2020 |
|----------------------------|---------|---------|---------|---------|
| Employment..... | 111,465 | 145,000 | 199,000 | 276,000 |
| Agriculture..... | 7,831 | 2,000 | 1,000 | 1,000 |
| Mining..... | 472 | a/ | a/ | a/ |
| Construction..... | 6,810 | 10,000 | 13,000 | 19,000 |
| Manufacturing..... | 49,328 | 64,000 | 87,000 | 116,000 |
| Food..... | 2,396 | 3,000 | 5,000 | 6,000 |
| Textiles..... | 22,818 | 26,000 | 30,000 | 36,000 |
| Paper..... | 1,223 | 4,000 | 8,000 | 12,000 |
| Chemicals..... | 1,903 | 3,000 | 5,000 | 8,000 |
| Petroleum..... | 214 | a/ | a/ | a/ |
| Primary Metals..... | 647 | 1,000 | 1,000 | 1,000 |
| Transportation, etc..... | 5,206 | 6,000 | 7,000 | 8,000 |
| Trade..... | 16,301 | 24,000 | 34,000 | 47,000 |
| Finance, etc..... | 2,526 | 5,000 | 9,000 | 13,000 |
| Services..... | 20,170 | 29,000 | 41,000 | 63,000 |
| Public Administration..... | 2,678 | 4,000 | 6,000 | 8,000 |
| Armed Forces..... | 143 | 1,000 | 1,000 | 1,000 |
| Population..... | 503,319 | 388,000 | 532,000 | 745,000 |

a/ Data not of sufficient size to warrant projection.

TABLE XC
POPULATION AND EMPLOYMENT
DEVELOPMENTAL BENCHMARKS
WATER AREA E-2

| | 1980 | 2000 | 2020 |
|----------------------------|---------|---------|---------|
| Employment..... | 155,000 | 215,000 | 300,000 |
| Agriculture..... | 2,000 | 1,000 | 1,000 |
| Mining..... | a/ | a/ | a/ |
| Construction..... | 10,000 | 15,000 | 21,000 |
| Manufacturing..... | 70,000 | 94,000 | 120,000 |
| Food..... | 4,000 | 7,000 | 8,000 |
| Textiles..... | 26,000 | 30,000 | 37,000 |
| Paper..... | 4,000 | 8,000 | 13,000 |
| Chemicals..... | 3,000 | 6,000 | 8,000 |
| Petroleum..... | a/ | a/ | a/ |
| Primary Metals..... | 1,000 | 1,000 | 2,000 |
| Transportation, etc..... | 6,000 | 8,000 | 12,000 |
| Trade..... | 25,000 | 37,000 | 50,000 |
| Finance, etc..... | 5,000 | 9,000 | 15,000 |
| Services..... | 32,000 | 43,000 | 70,000 |
| Public Administration..... | 4,000 | 7,000 | 10,000 |
| Armed Forces..... | 1,000 | 1,000 | 1,000 |
| Population..... | 420,000 | 592,000 | 773,000 |

a/ Data not of sufficient size to warrant projection.

TABLE XCI

POPULATION AND EMPLOYMENT
HISTORICAL AND PROJECTED
WATER AREA E-3

| | 1960 | 1980 | 2000 | 2020 |
|----------------------------|---------|---------|---------|-----------|
| Employment..... | 140,677 | 199,000 | 278,000 | 388,000 |
| Agriculture..... | 13,041 | 4,000 | 2,000 | 1,000 |
| Mining..... | 242 | a/ | a/ | a/ |
| Construction..... | 8,835 | 13,000 | 17,000 | 27,000 |
| Manufacturing..... | 52,395 | 72,000 | 94,000 | 117,000 |
| Food..... | 2,522 | 4,000 | 6,000 | 7,000 |
| Textiles..... | 21,803 | 25,000 | 27,000 | 31,000 |
| Paper..... | 1,776 | 4,000 | 6,000 | 9,000 |
| Chemicals..... | 546 | 1,000 | 1,000 | 2,000 |
| Petroleum..... | 168 | a/ | a/ | a/ |
| Primary Metals..... | 8,832 | 9,000 | 8,000 | 7,000 |
| Transportation, etc..... | 6,061 | 8,000 | 10,000 | 12,000 |
| Trade..... | 18,334 | 33,000 | 50,000 | 71,000 |
| Finance, etc..... | 2,849 | 7,000 | 11,000 | 17,000 |
| Services..... | 27,537 | 42,000 | 62,000 | 93,000 |
| Public Administration..... | 7,487 | 16,000 | 28,000 | 46,000 |
| Armed Forces..... | 3,896 | 4,000 | 4,000 | 4,000 |
| Population..... | 407,451 | 563,000 | 767,000 | 1,040,000 |

a/ Data not of sufficient size to warrant projection.

TABLE XCII
 POPULATION AND EMPLOYMENT
 DEVELOPMENTAL BENCHMARKS
 WATER AREA E-3

| | 1980 | 2000 | 2020 |
|----------------------------|---------|---------|-----------|
| Employment..... | 207,000 | 299,000 | 419,000 |
| Agriculture..... | 4,000 | 2,000 | 1,000 |
| Mining..... | a/ | a/ | a/ |
| Construction..... | 13,000 | 17,000 | 30,000 |
| Manufacturing..... | 78,000 | 100,000 | 120,000 |
| Food..... | 4,000 | 6,000 | 7,000 |
| Textiles..... | 25,000 | 28,000 | 32,000 |
| Paper..... | 4,000 | 6,000 | 9,000 |
| Chemicals..... | 1,000 | 1,000 | 2,000 |
| Petroleum..... | a/ | a/ | a/ |
| Primary Metals..... | 9,000 | 8,000 | 7,000 |
| Transportation, etc..... | 9,000 | 12,000 | 14,000 |
| Trade..... | 34,000 | 51,000 | 75,000 |
| Finance, etc..... | 6,000 | 12,000 | 18,000 |
| Services..... | 43,000 | 71,000 | 111,000 |
| Public Administration..... | 16,000 | 30,000 | 46,000 |
| Armed Forces..... | 4,000 | 4,000 | 4,000 |
| Population..... | 563,000 | 775,000 | 1,081,000 |

a/ Data not of sufficient size to warrant projection.

TABLE XCIII
 POPULATION AND EMPLOYMENT
 HISTORICAL AND PROJECTED
 WATER AREA E-4

| | 1960 | 1980 | 2000 | 2020 |
|----------------------------|-----------|-----------|-----------|-----------|
| Employment..... | 369,517 | 510,000 | 679,000 | 947,000 |
| Agriculture..... | 19,804 | 5,000 | 3,000 | 2,000 |
| Mining..... | 10,545 | 6,000 | 4,000 | 4,000 |
| Construction..... | 24,019 | 32,000 | 40,000 | 70,000 |
| Manufacturing..... | 104,616 | 143,000 | 199,000 | 255,000 |
| Food..... | 9,112 | 12,000 | 16,000 | 19,000 |
| Textiles..... | 8,279 | 6,000 | 5,000 | 5,000 |
| Paper..... | 3,147 | 7,000 | 12,000 | 18,000 |
| Chemicals..... | 3,257 | 6,000 | 11,000 | 17,000 |
| Petroleum..... | 517 | a/ | a/ | a/ |
| Primary Metals..... | 32,019 | 33,000 | 28,000 | 27,000 |
| Transportation, etc..... | 25,778 | 29,000 | 28,000 | 28,000 |
| Trade..... | 69,404 | 100,000 | 142,000 | 195,000 |
| Finance, etc..... | 14,428 | 29,000 | 46,000 | 70,000 |
| Services..... | 87,620 | 143,000 | 182,000 | 272,000 |
| Public Administration..... | 12,801 | 22,000 | 34,000 | 50,000 |
| Armed Forces..... | 502 | 1,000 | 1,000 | 1,000 |
| Population..... | 1,121,204 | 1,481,000 | 1,925,000 | 2,592,000 |

a/ Data not of sufficient size to warrant projection.

TABLE XCIV
 POPULATION AND EMPLOYMENT
 DEVELOPMENTAL BENCHMARKS
 WATER AREA E-4

| | 1980 | 2000 | 2020 |
|----------------------------|-----------|-----------|-----------|
| Employment..... | 527,000 | 825,000 | 1,100,000 |
| Agriculture..... | 5,000 | 3,000 | 2,000 |
| Mining..... | 6,000 | 4,000 | 3,000 |
| Construction..... | 33,000 | 45,000 | 80,000 |
| Manufacturing..... | 153,000 | 240,000 | 290,000 |
| Food..... | 13,000 | 18,000 | 20,000 |
| Textiles..... | 7,000 | 6,000 | 6,000 |
| Paper..... | 7,000 | 13,000 | 19,000 |
| Chemicals..... | 6,000 | 13,000 | 20,000 |
| Petroleum..... | a/ | a/ | a/ |
| Primary Metals..... | 33,000 | 29,000 | 28,000 |
| Transportation, etc..... | 29,000 | 31,000 | 32,000 |
| Trade..... | 103,000 | 170,000 | 221,000 |
| Finance, etc..... | 29,000 | 50,000 | 77,000 |
| Services..... | 145,000 | 246,000 | 338,000 |
| Public Administration..... | 23,000 | 35,000 | 56,000 |
| Armed Forces..... | 1,000 | 1,000 | 1,000 |
| Population..... | 1,481,000 | 2,095,000 | 2,834,000 |

a/ Data not of sufficient size to warrant projection.

TABLE XCV

POPULATION AND EMPLOYMENT
HISTORICAL AND PROJECTED
WATER AREA E-5

| | 1960 | 1980 | 2000 | 2020 |
|----------------------------|---------|---------|---------|---------|
| Employment..... | 134,040 | 167,000 | 216,000 | 285,000 |
| Agriculture..... | 32,344 | 16,000 | 15,000 | 14,000 |
| Mining..... | 320 | 1,000 | 1,000 | 1,000 |
| Construction..... | 7,887 | 11,000 | 14,000 | 18,000 |
| Manufacturing..... | 33,591 | 57,000 | 75,000 | 99,000 |
| Food..... | 3,301 | 4,000 | 5,000 | 6,000 |
| Textiles..... | 576 | 1,000 | 1,000 | 1,000 |
| Paper..... | 51 | a/ | a/ | a/ |
| Chemicals..... | 472 | 1,000 | 1,000 | 1,000 |
| Petroleum..... | 51 | a/ | a/ | a/ |
| Primary Metals..... | 123 | a/ | a/ | a/ |
| Transportation, etc..... | 5,874 | 6,000 | 6,000 | 7,000 |
| Trade..... | 19,008 | 23,000 | 28,000 | 37,000 |
| Finance, etc..... | 1,930 | 3,000 | 4,000 | 5,000 |
| Services..... | 26,763 | 41,000 | 58,000 | 82,000 |
| Public Administration..... | 3,836 | 6,000 | 12,000 | 19,000 |
| Armed Forces..... | 2,487 | 3,000 | 3,000 | 3,000 |
| Population..... | 406,187 | 491,000 | 617,000 | 793,000 |

a/ Data not of sufficient size to warrant projection.

TABLE XCVI
 POPULATION AND EMPLOYMENT
 DEVELOPMENTAL BENCHMARKS
 WATER AREA E-5

| | 1980 | 2000 | 2020 |
|----------------------------|---------|---------|-----------|
| Employment..... | 203,000 | 300,000 | 400,000 |
| Agriculture..... | 16,000 | 15,000 | 14,000 |
| Mining..... | 1,000 | 1,000 | 1,000 |
| Construction..... | 16,000 | 21,000 | 26,000 |
| Manufacturing..... | 70,000 | 100,000 | 145,000 |
| Food..... | 5,000 | 9,000 | 12,000 |
| Textiles..... | 1,000 | 3,000 | 4,000 |
| Paper..... | a/ | a/ | a/ |
| Chemicals..... | 1,000 | 5,000 | 7,000 |
| Petroleum..... | a/ | a/ | a/ |
| Primary Metals..... | a/ | a/ | a/ |
| Transportation, etc..... | 8,000 | 10,000 | 12,000 |
| Trade..... | 28,000 | 40,000 | 50,000 |
| Finance, etc..... | 4,000 | 11,000 | 14,000 |
| Services..... | 49,000 | 83,000 | 110,000 |
| Public Administration..... | 8,000 | 16,000 | 25,000 |
| Armed Forces..... | 3,000 | 3,000 | 3,000 |
| Population..... | 597,000 | 852,000 | 1,112,000 |

a/ Data not of sufficient size to warrant projection.

TABLE XCVII
 POPULATION AND EMPLOYMENT
 HISTORICAL AND PROJECTED
 WATER AREA F-1

| | 1960 | 1980 | 2000 | 2020 |
|----------------------------|-----------|-----------|-----------|-----------|
| Employment..... | 426,094 | 522,000 | 635,000 | 763,000 |
| Agriculture..... | 21,825 | 11,000 | 9,000 | 9,000 |
| Mining..... | 8,308 | 6,000 | 5,000 | 4,000 |
| Construction..... | 19,911 | 28,000 | 35,000 | 42,000 |
| Manufacturing..... | 168,782 | 191,000 | 216,000 | 242,000 |
| Food..... | 9,108 | 9,000 | 9,000 | 9,000 |
| Textiles..... | 1,650 | 1,000 | 1,000 | 1,000 |
| Paper..... | 4,157 | 4,000 | 4,000 | 4,000 |
| Chemicals..... | 3,268 | 4,000 | 5,000 | 5,000 |
| Petroleum..... | 2,571 | 2,000 | 1,000 | 1,000 |
| Primary Metals..... | 22,980 | 26,000 | 27,000 | 27,000 |
| Transportation, etc..... | 30,236 | 25,000 | 23,000 | 20,000 |
| Trade..... | 72,530 | 96,000 | 121,000 | 151,000 |
| Finance, etc..... | 11,287 | 20,000 | 28,000 | 35,000 |
| Services..... | 81,478 | 124,000 | 167,000 | 215,000 |
| Public Administration..... | 11,285 | 20,000 | 30,000 | 44,000 |
| Armed Forces..... | 452 | 1,000 | 1,000 | 1,000 |
| Population..... | 1,235,674 | 1,491,000 | 1,813,000 | 2,174,000 |

TABLE XCVIII
POPULATION AND EMPLOYMENT
DEVELOPMENTAL BENCHMARKS
WATER AREA F-1

| | 1980 | 2000 | 2020 |
|----------------------------|-----------|-----------|-----------|
| Employment..... | 550,000 | 846,000 | 1,151,000 |
| Agriculture..... | 11,000 | 9,000 | 9,000 |
| Mining..... | 6,000 | 5,000 | 4,000 |
| Construction..... | 30,000 | 47,000 | 64,000 |
| Manufacturing..... | 200,000 | 288,000 | 365,000 |
| Food..... | 11,000 | 12,000 | 14,000 |
| Textiles..... | 1,000 | 1,000 | 1,000 |
| Paper..... | 5,000 | 6,000 | 6,000 |
| Chemicals..... | 4,000 | 6,000 | 8,000 |
| Petroleum..... | 2,000 | 1,000 | 1,000 |
| Primary Metals..... | 35,000 | 36,000 | 40,000 |
| Transportation, etc..... | 30,000 | 30,000 | 30,000 |
| Trade..... | 100,000 | 162,000 | 228,000 |
| Finance, etc..... | 22,000 | 37,000 | 53,000 |
| Services..... | 130,000 | 228,000 | 331,000 |
| Public Administration..... | 20,000 | 39,000 | 66,000 |
| Armed Forces..... | 1,000 | 1,000 | 1,000 |
| Population..... | 1,491,000 | 2,243,000 | 2,970,000 |

a/ Data not of sufficient size to warrant projection.

TABLE XCIX
POPULATION AND EMPLOYMENT
HISTORICAL AND PROJECTED
WATER AREA F-2

| | 1960 | 1980 | 2000 | 2020 |
|----------------------------|-----------|-----------|-----------|-----------|
| Employment..... | 975,910 | 1,184,000 | 1,397,000 | 1,634,000 |
| Agriculture..... | 15,459 | 8,000 | 6,000 | 6,000 |
| Mining..... | 26,379 | 14,000 | 10,000 | 7,000 |
| Construction..... | 51,900 | 65,000 | 79,000 | 93,000 |
| Manufacturing..... | 360,007 | 403,000 | 434,000 | 469,000 |
| Food..... | 25,657 | 24,000 | 24,000 | 24,000 |
| Textiles..... | 619 | a/ | a/ | a/ |
| Paper..... | 3,496 | 4,000 | 4,000 | 4,000 |
| Chemicals..... | 10,944 | 16,000 | 25,000 | 39,000 |
| Petroleum..... | 2,550 | 2,000 | 1,000 | 1,000 |
| Primary Metals..... | 152,327 | 147,000 | 128,000 | 107,000 |
| Transportation, etc..... | 77,171 | 72,000 | 67,000 | 61,000 |
| Trade..... | 179,757 | 232,000 | 283,000 | 329,000 |
| Finance, etc..... | 36,645 | 61,000 | 80,000 | 98,000 |
| Services..... | 191,843 | 273,000 | 359,000 | 467,000 |
| Public Administration..... | 34,832 | 54,000 | 77,000 | 102,000 |
| Armed Forces..... | 1,917 | 2,000 | 2,000 | 2,000 |
| Population..... | 2,883,728 | 3,439,000 | 4,014,000 | 4,602,000 |

a/ Data not of sufficient size to warrant projection.

TABLE C
 POPULATION AND EMPLOYMENT
 DEVELOPMENTAL BENCHMARKS
 WATER AREA F-2

| | 1980 | 2000 | 2020 |
|----------------------------|-----------|-----------|-----------|
| Employment..... | 1,184,000 | 1,530,000 | 1,967,000 |
| Agriculture..... | 8,000 | 6,000 | 6,000 |
| Mining..... | 14,000 | 10,000 | 7,000 |
| Construction..... | 65,000 | 88,000 | 111,000 |
| Manufacturing..... | 403,000 | 485,000 | 626,000 |
| Food..... | 24,000 | 27,000 | 32,000 |
| Textiles..... | a/ | a/ | a/ |
| Paper..... | 4,000 | 4,000 | 6,000 |
| Chemicals..... | 16,000 | 28,000 | 52,000 |
| Petroleum..... | 2,000 | 1,000 | 1,000 |
| Primary Metals..... | 147,000 | 143,000 | 137,000 |
| Transportation, etc..... | 72,000 | 74,000 | 82,000 |
| Trade..... | 232,000 | 320,000 | 370,000 |
| Finance, etc..... | 61,000 | 89,000 | 131,000 |
| Services..... | 273,000 | 370,000 | 500,000 |
| Public Administration..... | 54,000 | 86,000 | 132,000 |
| Armed Forces..... | 2,000 | 2,000 | 2,000 |
| Population..... | 3,439,000 | 4,450,000 | 5,383,000 |

a/ Data not of sufficient size to warrant projection.

TABLE CI
 POPULATION AND EMPLOYMENT
 HISTORICAL AND PROJECTED
 WATER AREA F-3

| | 1960 | 1980 | 2000 | 2020 |
|----------------------------|---------|---------|---------|---------|
| Employment..... | 210,060 | 245,000 | 282,000 | 326,000 |
| Agriculture..... | 7,145 | 3,000 | 2,000 | 2,000 |
| Mining..... | 16,923 | 14,000 | 12,000 | 12,000 |
| Construction..... | 10,827 | 14,000 | 16,000 | 19,000 |
| Manufacturing..... | 66,383 | 79,000 | 87,000 | 97,000 |
| Food..... | 3,595 | 4,000 | 4,000 | 4,000 |
| Textiles..... | 24 | a/ | a/ | a/ |
| Paper..... | 1,402 | 1,000 | 1,000 | 1,000 |
| Chemicals..... | 2,292 | 5,000 | 9,000 | 15,000 |
| Petroleum..... | 98 | a/ | a/ | a/ |
| Primary Metals..... | 28,963 | 29,000 | 26,000 | 23,000 |
| Transportation, etc..... | 17,597 | 16,000 | 15,000 | 15,000 |
| Trade..... | 38,950 | 48,000 | 57,000 | 66,000 |
| Finance, etc..... | 5,256 | 8,000 | 11,000 | 13,000 |
| Services..... | 40,759 | 53,000 | 66,000 | 83,000 |
| Public Administration..... | 6,032 | 10,000 | 16,000 | 19,000 |
| Armed Forces..... | 188 | a/ | a/ | a/ |
| Population..... | 651,610 | 726,000 | 818,000 | 922,000 |

a/ Data not of sufficient size to warrant projection.

TABLE CII
 POPULATION AND EMPLOYMENT
 DEVELOPMENTAL BENCHMARKS
 WATER AREA F-3

| | 1980 | 2000 | 2020 |
|----------------------------|---------|---------|---------|
| Employment..... | 245,000 | 310,000 | 350,000 |
| Agriculture..... | 3,000 | 2,000 | 2,000 |
| Mining..... | 14,000 | 12,000 | 12,000 |
| Construction..... | 14,000 | 17,000 | 20,000 |
| Manufacturing..... | 79,000 | 97,000 | 110,000 |
| Food..... | 4,000 | 4,000 | 4,000 |
| Textiles..... | a/ | a/ | a/ |
| Paper..... | 1,000 | 1,000 | 1,000 |
| Chemicals..... | 5,000 | 9,000 | 15,000 |
| Petroleum..... | a/ | a/ | a/ |
| Primary Metals..... | 29,000 | 26,000 | 23,000 |
| Transportation, etc..... | 16,000 | 16,000 | 16,000 |
| Trade..... | 48,000 | 60,000 | 70,000 |
| Finance, etc..... | 8,000 | 13,000 | 14,000 |
| Services..... | 53,000 | 76,000 | 86,000 |
| Public Administration..... | 10,000 | 17,000 | 20,000 |
| Armed Forces..... | a/ | a/ | a/ |
| Population..... | 726,000 | 850,000 | 975,000 |

a/ Data not of sufficient size to warrant projection.

TABLE CIII

POPULATION AND EMPLOYMENT
HISTORICAL AND PROJECTED
WATER AREA G-1

| | 1960 | 1980 | 2000 | 2020 |
|----------------------------|---------|---------|---------|-----------|
| Employment..... | 160,138 | 209,000 | 281,000 | 368,000 |
| Agriculture..... | 15,374 | 8,000 | 6,000 | 5,000 |
| Mining..... | 6,152 | 4,000 | 4,000 | 3,000 |
| Construction..... | 10,105 | 15,000 | 20,000 | 27,000 |
| Manufacturing..... | 51,547 | 72,000 | 92,000 | 115,000 |
| Food..... | 2,937 | 3,000 | 3,000 | 3,000 |
| Textiles..... | 170 | a/ | a/ | a/ |
| Paper..... | 1,110 | 1,000 | 2,000 | 2,000 |
| Chemicals..... | 1,503 | 3,000 | 5,000 | 9,000 |
| Petroleum..... | 194 | a/ | a/ | a/ |
| Primary Metals..... | 6,721 | 9,000 | 11,000 | 13,000 |
| Transportation, etc..... | 10,904 | 11,000 | 11,000 | 11,000 |
| Trade..... | 27,871 | 40,000 | 53,000 | 74,000 |
| Finance, etc..... | 3,387 | 6,000 | 7,000 | 9,000 |
| Services..... | 29,828 | 45,000 | 76,000 | 106,000 |
| Public Administration..... | 4,921 | 8,000 | 12,000 | 18,000 |
| Armed Forces..... | 99 | a/ | a/ | a/ |
| Population..... | 495,069 | 623,000 | 793,000 | 1,009,000 |

a/ Data not of sufficient size to warrant projection.

TABLE CIV
 POPULATION AND EMPLOYMENT
 DEVELOPMENTAL BENCHMARKS
 WATER AREA G-1

| | 1980 | 2000 | 2020 |
|----------------------------|---------|---------|-----------|
| Employment..... | 218,000 | 343,000 | 437,000 |
| Agriculture..... | 8,000 | 6,000 | 5,000 |
| Mining..... | 4,000 | 4,000 | 3,000 |
| Construction..... | 16,000 | 23,000 | 33,000 |
| Manufacturing..... | 75,000 | 117,000 | 141,000 |
| Food..... | 3,000 | 4,000 | 4,000 |
| Textiles..... | a/ | a/ | a/ |
| Paper..... | 1,000 | 2,000 | 3,000 |
| Chemicals..... | 3,000 | 7,000 | 10,000 |
| Petroleum..... | a/ | a/ | a/ |
| Primary Metals..... | 9,000 | 13,000 | 15,000 |
| Transportation, etc..... | 12,000 | 12,000 | 13,000 |
| Trade..... | 41,000 | 60,000 | 90,000 |
| Finance, etc..... | 6,000 | 8,000 | 11,000 |
| Services..... | 48,000 | 98,000 | 119,000 |
| Public Administration..... | 8,000 | 15,000 | 22,000 |
| Armed Forces..... | a/ | a/ | a/ |
| Population..... | 623,000 | 923,000 | 1,159,000 |

a/ Data not of sufficient size to warrant projection.

TABLE CV
POPULATION AND EMPLOYMENT
HISTORICAL AND PROJECTED
WATER AREA G-2

| | 1960 | 1980 | 2000 | 2020 |
|----------------------------|---------|-----------|-----------|-----------|
| Employment..... | 232,773 | 274,000 | 359,000 | 463,000 |
| Agriculture..... | 21,236 | 9,000 | 6,000 | 5,000 |
| Mining..... | 3,099 | 2,000 | 2,000 | 1,000 |
| Construction..... | 16,285 | 18,000 | 25,000 | 35,000 |
| Manufacturing..... | 72,365 | 85,000 | 109,000 | 141,000 |
| Food..... | 5,851 | 6,000 | 7,000 | 7,000 |
| Textiles..... | 614 | a/ | a/ | a/ |
| Paper..... | 4,405 | 8,000 | 14,000 | 20,000 |
| Chemicals..... | 6,555 | 11,000 | 17,000 | 25,000 |
| Petroleum..... | 2,133 | 2,000 | 2,000 | 1,000 |
| Primary Metals..... | 14,799 | 24,000 | 32,000 | 36,000 |
| Transportation, etc..... | 21,820 | 18,000 | 17,000 | 16,000 |
| Trade..... | 42,031 | 57,000 | 80,000 | 107,000 |
| Finance, etc..... | 5,757 | 11,000 | 16,000 | 20,000 |
| Services..... | 41,846 | 63,000 | 90,000 | 119,000 |
| Public Administration..... | 7,902 | 11,000 | 14,000 | 19,000 |
| Armed Forces..... | 254 | a/ | a/ | a/ |
| Population..... | 778,853 | 1,000,000 | 1,256,000 | 1,598,000 |

a/ Data not of sufficient size to warrant projection.

TABLE CVI
POPULATION AND EMPLOYMENT
DEVELOPMENTAL BENCHMARKS
WATER AREA G-2

| | 1980 | 2000 | 2020 |
|----------------------------|-----------|-----------|-----------|
| Employment..... | 288,000 | 502,000 | 733,000 |
| Agriculture..... | 9,000 | 6,000 | 5,000 |
| Mining..... | 2,000 | 2,000 | 1,000 |
| Construction..... | 19,000 | 35,000 | 55,000 |
| Manufacturing..... | 95,000 | 169,000 | 230,000 |
| Food..... | 6,000 | 7,000 | 15,000 |
| Textiles..... | a/ | a/ | a/ |
| Paper..... | 8,000 | 14,000 | 35,000 |
| Chemicals..... | 11,000 | 21,000 | 35,000 |
| Petroleum..... | 2,000 | 2,000 | 2,000 |
| Primary Metals..... | 24,000 | 41,000 | 61,000 |
| Transportation, etc..... | 18,000 | 21,000 | 25,000 |
| Trade..... | 57,000 | 107,000 | 160,000 |
| Finance, etc..... | 11,000 | 20,000 | 32,000 |
| Services..... | 66,000 | 124,000 | 195,000 |
| Public Administration..... | 11,000 | 18,000 | 30,000 |
| Armed Forces..... | a/ | a/ | a/ |
| Population..... | 1,000,000 | 1,278,000 | 1,893,000 |

a/ Data not of sufficient size to warrant projection.

TABLE CVII
 POPULATION AND EMPLOYMENT
 HISTORICAL AND PROJECTED
 WATER AREA G-3

| | 1960 | 1980 | 2000 | 2020 |
|----------------------------|---------|---------|---------|---------|
| Employment..... | 143,719 | 190,000 | 253,000 | 320,000 |
| Agriculture..... | 4,478 | 2,000 | 1,000 | 1,000 |
| Mining..... | 7,948 | 4,000 | 3,000 | 2,000 |
| Construction..... | 8,989 | 11,000 | 15,000 | 20,000 |
| Manufacturing..... | 43,068 | 58,000 | 76,000 | 97,000 |
| Food..... | 2,332 | 3,000 | 3,000 | 3,000 |
| Textiles..... | 374 | a/ | a/ | a/ |
| Paper..... | 514 | 1,000 | 1,000 | 2,000 |
| Chemicals..... | 21,650 | 24,000 | 29,000 | 13,000 |
| Petroleum..... | 372 | a/ | a/ | a/ |
| Primary Metals..... | 3,630 | 7,000 | 11,000 | 15,000 |
| Transportation, etc..... | 12,144 | 12,000 | 11,000 | 9,000 |
| Trade..... | 27,531 | 44,000 | 60,000 | 75,000 |
| Finance, etc..... | 4,057 | 8,000 | 11,000 | 15,000 |
| Services..... | 26,693 | 39,000 | 58,000 | 73,000 |
| Public Administration..... | 6,591 | 12,000 | 18,000 | 28,000 |
| Armed Forces..... | 385 | a/ | a/ | a/ |
| Population..... | 458,208 | 594,000 | 761,000 | 937,000 |

a/ Data not of sufficient size to warrant projection.

TABLE CVIII
 POPULATION AND EMPLOYMENT
 DEVELOPMENTAL BENCHMARKS
 WATER AREA G-3

| | 1980 | 2000 | 2020 |
|----------------------------|---------|---------|------------|
| Employment..... | 200,000 | 320,000 | 448,000 |
| Agriculture..... | 2,000 | 1,000 | 1,000 |
| Mining..... | 4,000 | 3,000 | 2,000 |
| Construction..... | 11,000 | 16,000 | 29,000 |
| Manufacturing..... | 62,000 | 110,000 | 135,000 |
| Food..... | 3,000 | 3,000 | 4,000 |
| Textiles..... | a/ | a/ | a/ |
| Paper..... | 1,000 | 1,000 | 3,000 |
| Chemicals..... | 24,000 | 29,000 | 13,000 |
| Petroleum..... | a/ | a/ | a/ |
| Primary Metals..... | 7,000 | 14,000 | 21,000 |
| Transportation, etc..... | 12,000 | 12,000 | 13,000 |
| Trade..... | 44,000 | 65,000 | 106,000 |
| Finance, etc..... | 8,000 | 12,000 | 21,000 |
| Services..... | 45,000 | 81,000 | 101,000 |
| Public Administration..... | 12,000 | 20,000 | 40,000 |
| Armed Forces..... | a/ | a/ | a/ |
| Population..... | 594,000 | 820,000 | .1,203,000 |

a/ Data not of sufficient size to warrant projection.

TABLE CIX
 POPULATION AND EMPLOYMENT
 HISTORICAL AND PROJECTED
 WATER AREA G-4

| | 1960 | 1980 | 2000 | 2020 |
|----------------------------|---------|---------|---------|---------|
| Employment..... | 75,314 | 68,000 | 72,000 | 78,000 |
| Agriculture..... | 2,019 | a/ | a/ | a/ |
| Mining..... | 30,062 | 18,000 | 14,000 | 10,000 |
| Construction..... | 3,052 | 4,000 | 4,000 | 6,000 |
| Manufacturing..... | 4,122 | 5,000 | 6,000 | 7,000 |
| Food..... | 847 | 1,000 | 1,000 | 1,000 |
| Textiles..... | 0 | 0 | 0 | 0 |
| Paper..... | 6 | a/ | a/ | a/ |
| Chemicals..... | 73 | a/ | a/ | a/ |
| Petroleum..... | 60 | a/ | a/ | a/ |
| Primary Metals..... | 126 | 0 | 0 | 0 |
| Transportation, etc..... | 5,771 | 4,000 | 3,000 | 2,000 |
| Trade..... | 13,052 | 13,000 | 16,000 | 17,000 |
| Finance, etc..... | 1,091 | 2,000 | 3,000 | 4,000 |
| Services..... | 13,692 | 17,000 | 20,000 | 23,000 |
| Public Administration..... | 2,361 | 5,000 | 6,000 | 9,000 |
| Armed Forces..... | 92 | a/ | a/ | a/ |
| Population..... | 370,652 | 322,000 | 329,000 | 342,000 |

a/ Data not of sufficient size to warrant projection.

TABLE CX

POPULATION AND EMPLOYMENT
DEVELOPMENTAL BENCHMARKS
WATER AREA G-4

2020

2000

1980

| | 1980 | 2000 | 2020 |
|----------------------------|---------|---------|---------|
| Employment..... | 107,000 | 154,000 | 181,000 |
| Agriculture..... | a/ | a/ | a/ |
| Mining..... | 18,000 | 14,000 | 10,000 |
| Construction..... | 10,000 | 11,000 | 12,000 |
| Manufacturing..... | 14,000 | 25,000 | 35,000 |
| Food..... | 3,000 | 3,000 | 8,000 |
| Textiles..... | 0 | 0 | 0 |
| Paper..... | 1,000 | 1,000 | 2,000 |
| Chemicals..... | a/ | a/ | a/ |
| Petroleum..... | a/ | a/ | a/ |
| Primary Metals..... | a/ | a/ | a/ |
| Transportation, etc..... | 8,000 | 9,000 | 10,000 |
| Trade..... | 21,000 | 36,000 | 42,000 |
| Finance, etc..... | 3,000 | 6,000 | 9,000 |
| Services..... | 25,000 | 40,000 | 49,000 |
| Public Administration..... | 8,000 | 13,000 | 14,000 |
| Armed Forces..... | a/ | a/ | a/ |
| Population..... | 375,000 | 423,000 | 490,000 |

a/ Data not of sufficient size to warrant projection.

TABLE CXI
POPULATION AND EMPLOYMENT
HISTORICAL AND PROJECTED
WATER AREA G-5

| | 1960 | 1980 | 2000 | 2020 |
|----------------------------|---------|---------|---------|---------|
| Employment..... | 156,532 | 182,000 | 224,000 | 278,000 |
| Agriculture..... | 13,842 | 5,000 | 3,000 | 2,000 |
| Mining..... | 19,193 | 10,000 | 7,000 | 6,000 |
| Construction..... | 8,919 | 10,000 | 11,000 | 13,000 |
| Manufacturing..... | 37,596 | 49,000 | 64,000 | 81,000 |
| Food..... | 2,284 | 3,000 | 3,000 | 3,000 |
| Textiles..... | 6,660 | 8,000 | 12,000 | 16,000 |
| Paper..... | 75 | a/ | a/ | a/ |
| Chemicals..... | 5,134 | 5,000 | 5,000 | 5,000 |
| Petroleum..... | 28 | a/ | a/ | a/ |
| Primary Metals..... | 2,183 | 2,000 | 2,000 | 1,000 |
| Transportation, etc..... | 11,803 | 11,000 | 10,000 | 9,000 |
| Trade..... | 28,012 | 37,000 | 49,000 | 67,000 |
| Finance, etc..... | 2,797 | 5,000 | 9,000 | 12,000 |
| Services..... | 29,000 | 47,000 | 60,000 | 74,000 |
| Public Administration..... | 5,180 | 8,000 | 11,000 | 14,000 |
| Armed Forces..... | 190 | a/ | a/ | a/ |
| Population..... | 573,445 | 606,000 | 700,000 | 839,000 |

a/ Data not of sufficient size to warrant projection.

TABLE CXII
 POPULATION AND EMPLOYMENT
 DEVELOPMENTAL BENCHMARKS
 WATER AREA G-5

| | 1980 | 2000 | 2020 |
|----------------------------|---------|---------|---------|
| Employment..... | 190,000 | 290,000 | 336,000 |
| Agriculture..... | 5,000 | 3,000 | 2,000 |
| Mining..... | 10,000 | 7,000 | 6,000 |
| Construction..... | 10,000 | 11,000 | 14,000 |
| Manufacturing..... | 54,000 | 75,000 | 98,000 |
| Food..... | 3,000 | 3,000 | 4,000 |
| Textiles..... | 8,000 | 12,000 | 19,000 |
| Paper..... | a/ | a/ | a/ |
| Chemicals..... | 5,000 | 5,000 | 6,000 |
| Petroleum..... | a/ | a/ | a/ |
| Primary Metals..... | 2,000 | 2,000 | 1,000 |
| Transportation, etc..... | 11,000 | 11,000 | 11,000 |
| Trade..... | 34,000 | 75,000 | 79,000 |
| Finance, etc..... | 5,000 | 9,000 | 15,000 |
| Services..... | 53,000 | 81,000 | 93,000 |
| Public Administration..... | 8,000 | 18,000 | 18,000 |
| Armed Forces..... | a/ | a/ | a/ |
| Population..... | 606,000 | 750,000 | 946,000 |

a/ Data not of sufficient size to warrant projection.

TABLE CXIII

POPULATION AND EMPLOYMENT
HISTORICAL AND PROJECTED
WATER SUB-REGION H

| | 1960 | 1980 | 2000 | 2020 |
|----------------------------|---------|---------|---------|---------|
| Employment..... | 68,378 | 79,000 | 107,000 | 146,000 |
| Agriculture..... | 15,348 | 7,000 | 4,000 | 4,000 |
| Mining..... | 8,044 | 7,000 | 7,000 | 8,000 |
| Construction..... | 4,446 | 6,000 | 8,000 | 11,000 |
| Manufacturing..... | 8,131 | 14,000 | 23,000 | 38,000 |
| Food..... | 914 | 1,000 | 1,000 | 2,000 |
| Textiles..... | 102 | a/ | a/ | a/ |
| Paper..... | 0 | 0 | 0 | 0 |
| Chemicals..... | 88 | a/ | a/ | a/ |
| Petroleum..... | 251 | a/ | a/ | a/ |
| Primary Metals..... | 308 | a/ | a/ | a/ |
| Transportation, etc..... | 3,491 | 3,000 | 3,000 | 3,000 |
| Trade..... | 10,296 | 16,000 | 24,000 | 33,000 |
| Finance, etc..... | 960 | 1,000 | 3,000 | 4,000 |
| Services..... | 14,555 | 20,000 | 28,000 | 36,000 |
| Public Administration..... | 3,063 | 5,000 | 7,000 | 9,000 |
| Armed Forces..... | 44 | a/ | a/ | a/ |
| Population..... | 265,867 | 292,000 | 372,000 | 484,000 |

a/ Data not of sufficient size to warrant projection.

TABLE CXIV
 POPULATION AND EMPLOYMENT
 DEVELOPMENTAL BENCHMARKS
 WATER SUB-REGION H

| | 1980 | 2000 | 2020 |
|----------------------------|---------|---------|---------|
| Employment..... | 90,000 | 161,000 | 224,000 |
| Agriculture..... | 7,000 | 4,000 | 4,000 |
| Mining..... | 7,000 | 7,000 | 8,000 |
| Construction..... | 6,000 | 13,000 | 17,000 |
| Manufacturing..... | 24,000 | 35,000 | 58,000 |
| Food..... | 1,000 | 2,000 | 3,000 |
| Textiles..... | a/ | a/ | a/ |
| Paper..... | 0 | 0 | 0 |
| Chemicals..... | a/ | a/ | a/ |
| Petroleum..... | a/ | a/ | a/ |
| Primary Metals..... | a/ | a/ | a/ |
| Transportation, etc..... | 3,000 | 3,000 | 4,000 |
| Trade..... | 16,000 | 36,000 | 50,000 |
| Finance, etc..... | 2,000 | 4,000 | 6,000 |
| Services..... | 20,000 | 48,000 | 65,000 |
| Public Administration..... | 5,000 | 11,000 | 12,000 |
| Armed Forces..... | a/ | a/ | a/ |
| Population..... | 292,000 | 443,000 | 578,000 |

a/ Data not of sufficient size to warrant projection.

TABLE CXV
 POPULATION AND EMPLOYMENT
 HISTORICAL AND PROJECTED
 WATER AREA I-1

| | 1960 | 1980 | 2000 | 2020 |
|----------------------------|---------|---------|---------|---------|
| Employment..... | 84,516 | 88,000 | 113,000 | 154,000 |
| Agriculture..... | 22,337 | 9,000 | 6,000 | 4,000 |
| Mining..... | 9,131 | 5,000 | 4,000 | 3,000 |
| Construction..... | 4,769 | 6,000 | 7,000 | 9,000 |
| Manufacturing..... | 10,329 | 18,000 | 26,000 | 39,000 |
| Food..... | 1,469 | 2,000 | 2,000 | 3,000 |
| Textiles..... | 63 | a/ | a/ | a/ |
| Paper..... | 0 | 0 | 0 | 0 |
| Chemicals..... | 253 | 1,000 | 1,000 | 1,000 |
| Petroleum..... | 381 | a/ | a/ | a/ |
| Primary Metals..... | 107 | a/ | a/ | a/ |
| Transportation, etc..... | 5,140 | 4,000 | 4,000 | 4,000 |
| Trade..... | 13,849 | 19,000 | 27,000 | 38,000 |
| Finance, etc..... | 1,149 | 2,000 | 4,000 | 6,000 |
| Services..... | 15,145 | 21,000 | 29,000 | 43,000 |
| Public Administration..... | 2,598 | 4,000 | 6,000 | 8,000 |
| Armed Forces..... | 69 | a/ | a/ | a/ |
| Population..... | 347,613 | 359,000 | 390,000 | 408,000 |

a/ Data not of sufficient size to warrant projection.

TABLE CXVI
 POPULATION AND EMPLOYMENT
 DEVELOPMENTAL BENCHMARKS
 WATER AREA I-1

| | 1980 | 2000 | 2020 |
|----------------------------|---------|---------|---------|
| Employment..... | 100,000 | 175,000 | 202,000 |
| Agriculture..... | 9,000 | 6,000 | 4,000 |
| Mining..... | 5,000 | 4,000 | 3,000 |
| Construction..... | 6,000 | 11,000 | 12,000 |
| Manufacturing..... | 28,000 | 41,000 | 60,000 |
| Food..... | 2,000 | 4,000 | 4,000 |
| Textiles..... | a/ 0 | a/ 0 | a/ 0 |
| Paper..... | 1,000 | 1,000 | 2,000 |
| Chemicals..... | a/ | a/ | a/ |
| Petroleum..... | a/ | a/ | a/ |
| Primary Metals..... | 4,000 | 6,000 | 6,000 |
| Transportation, etc..... | 19,000 | 41,000 | 45,000 |
| Trade..... | 2,000 | 7,000 | 10,000 |
| Finance, etc..... | 23,000 | 52,000 | 55,000 |
| Services..... | 4,000 | 7,000 | 7,000 |
| Public Administration..... | a/ | a/ | a/ |
| Armed Forces..... | | | |
| Population..... | 363,000 | 422,000 | 521,000 |

a/ Data not of sufficient size to warrant projection.

TABLE CXVII

POPULATION AND EMPLOYMENT
HISTORICAL AND PROJECTED
WATER AREA 1-2

1960 1980 2000 2020

| | 1960 | 1980 | 2000 | 2020 |
|----------------------------|---------|---------|---------|---------|
| Employment..... | 51,119 | 63,000 | 90,000 | 136,000 |
| Agriculture..... | 12,525 | 6,000 | 5,000 | 4,000 |
| Mining..... | 954 | 1,000 | 1,000 | 1,000 |
| Construction..... | 3,512 | 5,000 | 6,000 | 8,000 |
| Manufacturing..... | 16,809 | 21,000 | 33,000 | 53,000 |
| Food..... | 614 | 1,000 | 1,000 | 1,000 |
| Textiles..... | 273 | 1,000 | 1,000 | 2,000 |
| Paper..... | 47 | a/ | a/ | a/ |
| Chemicals..... | 151 | a/ | a/ | a/ |
| Petroleum..... | 60 | a/ | a/ | a/ |
| Primary Metals..... | 88 | a/ | a/ | a/ |
| Transportation, etc..... | 1,571 | 2,000 | 2,000 | 3,000 |
| Trade..... | 6,585 | 10,000 | 16,000 | 26,000 |
| Finance, etc..... | 581 | 2,000 | 3,000 | 4,000 |
| Services..... | 7,223 | 14,000 | 20,000 | 32,000 |
| Public Administration..... | 1,304 | 2,000 | 4,000 | 5,000 |
| Armed Forces..... | 55 | a/ | a/ | a/ |
| Population..... | 156,417 | 184,000 | 246,000 | 362,000 |

a/ Data not of sufficient size to warrant projection.

TABLE CXVIII
 POPULATION AND EMPLOYMENT
 DEVELOPMENTAL BENCHMARKS
 WATER AREA 3-2

| | 1980 | 2000 | 2020 |
|----------------------------|---------|---------|---------|
| Employment..... | 69,000 | 108,000 | 161,000 |
| Agriculture..... | 6,000 | 5,000 | 4,000 |
| Mining..... | 1,000 | 1,000 | 1,000 |
| Construction..... | 5,000 | 6,000 | 8,000 |
| Manufacturing..... | 23,000 | 40,000 | 65,000 |
| Food..... | 1,000 | 1,000 | 1,000 |
| Textiles..... | 1,000 | 1,000 | 2,000 |
| Paper..... | a/ | a/ | a/ |
| Chemicals..... | a/ | a/ | a/ |
| Petroleum..... | a/ | a/ | a/ |
| Primary Metals..... | a/ | a/ | a/ |
| Transportation, etc..... | 2,000 | 2,000 | 3,000 |
| Trade..... | 11,000 | 23,000 | 30,000 |
| Finance, etc..... | 2,000 | 3,000 | 4,000 |
| Services..... | 16,000 | 24,000 | 41,000 |
| Public Administration..... | 3,000 | 4,000 | 5,000 |
| Armed Forces..... | a/ | a/ | a/ |
| Population..... | 184,000 | 285,000 | 416,000 |

a/ Data not of sufficient size to warrant projection.

TABLE CXIX

POPULATION AND EMPLOYMENT
HISTORICAL AND PROJECTED
WATER AREA J-1

| | 1960 | 1980 | 2000 | 2020 |
|----------------------------|---------|---------|-----------|-----------|
| Employment..... | 181,027 | 247,000 | 350,000 | 489,000 |
| Agriculture..... | 24,538 | 13,000 | 10,000 | 9,000 |
| Mining..... | 16,965 | 17,000 | 21,000 | 20,000 |
| Construction..... | 11,848 | 16,000 | 19,000 | 24,000 |
| Manufacturing..... | 45,310 | 64,000 | 90,000 | 129,000 |
| Food..... | 3,532 | 4,000 | 5,000 | 6,000 |
| Textiles..... | 3,994 | 3,000 | 2,000 | 1,000 |
| Paper..... | 1,669 | 2,000 | 2,000 | 3,000 |
| Chemicals..... | 12,628 | 14,000 | 14,000 | 15,000 |
| Petroleum..... | 0 | 0 | 0 | 0 |
| Primary Metals..... | 441 | 1,000 | 1,000 | 1,000 |
| Transportation, etc..... | 10,910 | 12,000 | 14,000 | 16,000 |
| Trade..... | 30,524 | 52,000 | 78,000 | 114,000 |
| Finance, etc..... | 3,715 | 10,000 | 16,000 | 24,000 |
| Services..... | 32,627 | 57,000 | 91,000 | 137,000 |
| Public Administration..... | 4,369 | 6,000 | 11,000 | 16,000 |
| Armed Forces..... | 230 | a/ | a/ | a/ |
| Population..... | 610,249 | 780,000 | 1,046,000 | 1,404,000 |

a/ Data not of sufficient size to warrant projection.

TABLE CXX

POPULATION AND EMPLOYMENT
DEVELOPMENTAL BENCHMARKS
WATER AREA J-1

| | 1980 | 2000 | 2020 |
|----------------------------|---------|-----------|-----------|
| Employment..... | 267,000 | 409,000 | 618,000 |
| Agriculture..... | 13,000 | 10,000 | 9,000 |
| Mining..... | 17,000 | 21,000 | 20,000 |
| Construction..... | 16,000 | 22,000 | 26,000 |
| Manufacturing..... | 74,000 | 105,000 | 170,000 |
| Food..... | 4,000 | 5,000 | 6,000 |
| Textiles..... | 4,000 | 2,000 | 1,500 |
| Paper..... | 2,000 | 2,000 | 3,000 |
| Chemicals..... | 14,000 | 14,000 | 15,000 |
| Petroleum..... | 0 | 0 | 0 |
| Primary Metals..... | 1,000 | 1,000 | 1,000 |
| Transportation, etc..... | 12,000 | 16,000 | 25,000 |
| Trade..... | 56,000 | 92,000 | 130,000 |
| Finance, etc..... | 10,000 | 19,000 | 30,000 |
| Services..... | 62,000 | 110,000 | 189,000 |
| Public Administration..... | 7,000 | 14,000 | 19,000 |
| Armed Forces..... | a/ | a/ | a/ |
| Population..... | 880,000 | 1,077,000 | 1,594,000 |

a/ Data not of sufficient size to warrant projection.

TABLE CXXI
 POPULATION AND EMPLOYMENT
 HISTORICAL AND PROJECTED
 WATER AREA J-2

| | 1960 | 1980 | 2000 | 2020 |
|----------------------------|---------|---------|---------|---------|
| Employment..... | 121,215 | 164,000 | 223,000 | 301,000 |
| Agriculture..... | 14,287 | 5,000 | 4,000 | 2,000 |
| Mining..... | 1,230 | 1,000 | 2,000 | 2,000 |
| Construction..... | 9,309 | 12,000 | 17,000 | 22,000 |
| Manufacturing..... | 37,368 | 59,000 | 78,000 | 101,000 |
| Food..... | 1,567 | 2,000 | 3,000 | 3,000 |
| Textiles..... | 9,622 | 13,000 | 15,000 | 18,000 |
| Paper..... | 5,890 | 9,000 | 14,000 | 20,000 |
| Chemicals..... | 4,778 | 9,000 | 15,000 | 23,000 |
| Petroleum..... | 8 | a/ | a/ | a/ |
| Primary Metals..... | 83 | 1,000 | 1,000 | 1,000 |
| Transportation, etc..... | 5,694 | 7,000 | 7,000 | 7,000 |
| Trade..... | 20,490 | 31,000 | 45,000 | 62,000 |
| Finance, etc..... | 2,639 | 6,000 | 10,000 | 16,000 |
| Services..... | 26,209 | 37,000 | 53,000 | 79,000 |
| Public Administration..... | 3,887 | 6,000 | 7,000 | 10,000 |
| Armed Forces..... | 102 | a/ | a/ | a/ |
| Population..... | 366,384 | 478,000 | 626,000 | 807,000 |

a/ Data not of sufficient size to warrant projection.

TABLE CXXII
 POPULATION AND EMPLOYMENT
 DEVELOPMENTAL BENCHMARKS
 WATER AREA J-2

| | 1980 | 2000 | 2020 |
|----------------------------|---------|---------|---------|
| Employment..... | 178,000 | 258,000 | 353,000 |
| Agriculture..... | 5,000 | 4,000 | 2,000 |
| Mining..... | 1,000 | 2,000 | 2,000 |
| Construction..... | 14,000 | 20,000 | 26,000 |
| Manufacturing..... | 64,000 | 90,000 | 119,000 |
| Food..... | 2,000 | 4,000 | 4,000 |
| Textiles..... | 14,000 | 18,000 | 22,000 |
| Paper..... | 10,000 | 15,000 | 22,000 |
| Chemicals..... | 10,000 | 17,000 | 27,000 |
| Petroleum..... | a/ | a/ | a/ |
| Primary Metals..... | 1,000 | 1,000 | 1,000 |
| Transportation, etc..... | 7,000 | 8,000 | 8,000 |
| Trade..... | 34,000 | 50,000 | 72,000 |
| Finance, etc..... | 7,000 | 12,000 | 19,000 |
| Services..... | 40,000 | 64,000 | 93,000 |
| Public Administration..... | 6,000 | 8,000 | 12,000 |
| Armed Forces..... | a/ | a/ | a/ |
| Population..... | 478,000 | 666,000 | 911,000 |

a/ Data not of sufficient size to warrant projection.

TABLE CXXIII

POPULATION AND EMPLOYMENT
HISTORICAL AND PROJECTED
WATER AREA J-3

| | 1960 | 1980 | 2000 | 2020 |
|----------------------------|---------|---------|-----------|-----------|
| Employment..... | 216,365 | 331,000 | 481,000 | 698,000 |
| Agriculture..... | 18,379 | 7,000 | 4,000 | 3,000 |
| Mining..... | 4,085 | 3,000 | 3,000 | 2,000 |
| Construction..... | 15,600 | 20,000 | 27,000 | 33,000 |
| Manufacturing..... | 68,661 | 118,000 | 161,000 | 222,000 |
| Food..... | 6,155 | 8,000 | 10,000 | 12,000 |
| Textiles..... | 11,037 | 12,000 | 12,000 | 13,000 |
| Paper..... | 496 | 1,000 | 1,000 | 1,000 |
| Chemicals..... | 17,708 | 40,000 | 71,000 | 114,000 |
| Petroleum..... | 114 | a/ | a/ | a/ |
| Primary Metals..... | 7,650 | 7,000 | 6,000 | 5,000 |
| Transportation, etc..... | 12,554 | 14,000 | 14,000 | 14,000 |
| Trade..... | 39,641 | 68,000 | 109,000 | 163,000 |
| Finance, etc..... | 5,433 | 13,000 | 22,000 | 37,000 |
| Services..... | 44,478 | 77,000 | 127,000 | 203,000 |
| Public Administration..... | 7,014 | 11,000 | 14,000 | 21,000 |
| Armed Forces..... | 520 | a/ | a/ | a/ |
| Population..... | 654,237 | 945,000 | 1,365,000 | 2,009,000 |

a/ Data not of sufficient size to warrant projection.

TABLE CXXIV
 POPULATION AND EMPLOYMENT
 DEVELOPMENTAL BENCHMARKS
 WATER AREA J-3

| | 1980 | 2000 | 2020 |
|----------------------------|---------|-----------|-----------|
| Employment..... | 360,000 | 550,000 | 780,000 |
| Agriculture..... | 7,000 | 4,000 | 3,000 |
| Mining..... | 3,000 | 3,000 | 2,000 |
| Construction..... | 20,000 | 28,000 | 37,000 |
| Manufacturing..... | 119,000 | 198,000 | 247,000 |
| Food..... | 8,000 | 11,000 | 13,000 |
| Textiles..... | 12,000 | 13,000 | 15,000 |
| Paper..... | 1,000 | 1,000 | 1,000 |
| Chemicals..... | 40,000 | 71,000 | 127,000 |
| Petroleum..... | a/ | a/ | a/ |
| Primary Metals..... | 7,000 | 6,000 | 6,000 |
| Transportation, etc..... | 14,000 | 15,000 | 16,000 |
| Trade..... | 68,000 | 114,000 | 181,000 |
| Finance, etc..... | 19,000 | 24,000 | 50,000 |
| Services..... | 99,000 | 149,000 | 221,000 |
| Public Administration..... | 11,000 | 15,000 | 23,000 |
| Armed Forces..... | a/ | a/ | a/ |
| Population..... | 945,000 | 1,385,000 | 2,058,000 |

a/ Data not of sufficient size to warrant projection.

TABLE CXXV
 POPULATION AND EMPLOYMENT
 HISTORICAL AND PROJECTED
 WATER AREA J-4

| | 1960 | 1980 | 2000 | 2020 |
|----------------------------|---------|---------|---------|-----------|
| Employment..... | 159,055 | 222,000 | 310,000 | 421,000 |
| Agriculture..... | 7,405 | 3,000 | 2,000 | 1,000 |
| Mining..... | 1,626 | 1,000 | 1,000 | 1,000 |
| Construction..... | 9,887 | 13,000 | 18,000 | 25,000 |
| Manufacturing..... | 58,748 | 77,000 | 99,000 | 129,000 |
| Food..... | 4,077 | 5,000 | 8,000 | 10,000 |
| Textiles..... | 16,120 | 17,000 | 18,000 | 18,000 |
| Paper..... | 2,221 | 5,000 | 9,000 | 14,000 |
| Chemicals..... | 4,212 | 8,000 | 14,000 | 22,000 |
| Petroleum..... | 138 | a/ | a/ | a/ |
| Primary Metals..... | 2,648 | 2,000 | 1,000 | 1,000 |
| Transportation, etc..... | 10,306 | 12,000 | 13,000 | 14,000 |
| Trade..... | 27,140 | 40,000 | 57,000 | 78,000 |
| Finance, etc..... | 6,144 | 15,000 | 27,000 | 39,000 |
| Services..... | 31,880 | 50,000 | 76,000 | 111,000 |
| Public Administration..... | 5,649 | 11,000 | 17,000 | 23,000 |
| Armed Forces..... | 270 | a/ | a/ | a/ |
| Population..... | 452,867 | 604,000 | 820,000 | 1,106,000 |

a/ Data not of sufficient size to warrant projection.

TABLE CXXVI
 POPULATION AND EMPLOYMENT
 DEVELOPMENTAL BENCHMARKS
 WATER AREA J-4

| | 1980 | 2000 | 2020 |
|----------------------------|---------|---------|-----------|
| Employment..... | 222,000 | 325,000 | 454,000 |
| Agriculture..... | 3,000 | 2,000 | 1,000 |
| Mining..... | 1,000 | 1,000 | 1,000 |
| Construction..... | 13,000 | 18,000 | 25,000 |
| Manufacturing..... | 77,000 | 105,000 | 136,000 |
| Food..... | 5,000 | 8,000 | 11,000 |
| Textiles..... | 17,000 | 18,000 | 20,000 |
| Paper..... | 5,000 | 10,000 | 15,000 |
| Chemicals..... | 8,000 | 14,000 | 24,000 |
| Petroleum..... | a/ | a/ | a/ |
| Primary Metals..... | 2,000 | 1,000 | 1,000 |
| Transportation, etc..... | 12,000 | 13,000 | 15,000 |
| Trade..... | 40,000 | 62,000 | 80,000 |
| Finance, etc..... | 15,000 | 27,000 | 40,000 |
| Services..... | 50,000 | 80,000 | 131,000 |
| Public Administration..... | 11,000 | 17,000 | 25,000 |
| Armed Forces..... | a/ | a/ | a/ |
| Population..... | 604,000 | 844,000 | 1,172,000 |

a/ Data not of sufficient size to warrant projection.

TABLE CXXVII

POPULATION AND EMPLOYMENT
HISTORICAL AND PROJECTED
WATER AREA J-5

| | 1960 | 1980 | 2000 | 2020 |
|----------------------------|---------|---------|-----------|-----------|
| Employment..... | 177,305 | 307,000 | 514,000 | 802,000 |
| Agriculture..... | 24,918 | 9,000 | 5,000 | 3,000 |
| Mining..... | 829 | a/ | a/ | a/ |
| Construction..... | 14,869 | 25,000 | 37,000 | 57,000 |
| Manufacturing..... | 51,451 | 105,000 | 177,000 | 263,000 |
| Food..... | 4,329 | 8,000 | 11,000 | 15,000 |
| Textiles..... | 4,473 | 4,000 | 5,000 | 6,000 |
| Paper..... | 61 | a/ | a/ | a/ |
| Chemicals..... | 3,196 | 7,000 | 10,000 | 17,000 |
| Petroleum..... | 71 | a/ | a/ | a/ |
| Primary Metals..... | 5,922 | 10,000 | 12,000 | 14,000 |
| Transportation, etc..... | 9,701 | 14,000 | 22,000 | 27,000 |
| Trade..... | 28,254 | 57,000 | 96,000 | 161,000 |
| Finance, etc..... | 3,665 | 11,000 | 22,000 | 36,000 |
| Services..... | 32,909 | 67,000 | 122,000 | 198,000 |
| Public Administration..... | 6,694 | 15,000 | 29,000 | 53,000 |
| Armed Forces..... | 3,924 | 4,000 | 4,000 | 4,000 |
| Population..... | 546,047 | 875,000 | 1,405,000 | 2,147,000 |

a/ Data not of sufficient size to warrant projection.

TABLE CXXVIII
 POPULATION AND EMPLOYMENT
 DEVELOPMENTAL BENCHMARKS
 WATER AREA J-5

| | 1980 | 2000 | 2020 |
|----------------------------|---------|-----------|-----------|
| Employment..... | 320,000 | 534,000 | 871,000 |
| Agriculture..... | 9,000 | 5,000 | 3,000 |
| Mining..... | a/ | a/ | a/ |
| Construction..... | 25,000 | 37,000 | 60,000 |
| Manufacturing..... | 105,000 | 190,000 | 300,000 |
| Food..... | 8,000 | 12,000 | 15,000 |
| Textiles..... | 4,000 | 5,000 | 6,000 |
| Paper..... | a/ | a/ | a/ |
| Chemicals..... | 7,000 | 10,000 | 18,000 |
| Petroleum..... | a/ | a/ | a/ |
| Primary Metals..... | 10,000 | 12,000 | 14,000 |
| Transportation, etc..... | 14,000 | 22,000 | 27,000 |
| Trade..... | 57,000 | 96,000 | 165,000 |
| Finance, etc..... | 11,000 | 22,000 | 37,000 |
| Services..... | 80,000 | 128,000 | 220,000 |
| Public Administration..... | 15,000 | 30,000 | 55,000 |
| Armed Forces..... | 4,000 | 4,000 | 4,000 |
| Population..... | 875,000 | 1,405,000 | 2,248,000 |

a/ Data not of sufficient size to warrant projection.

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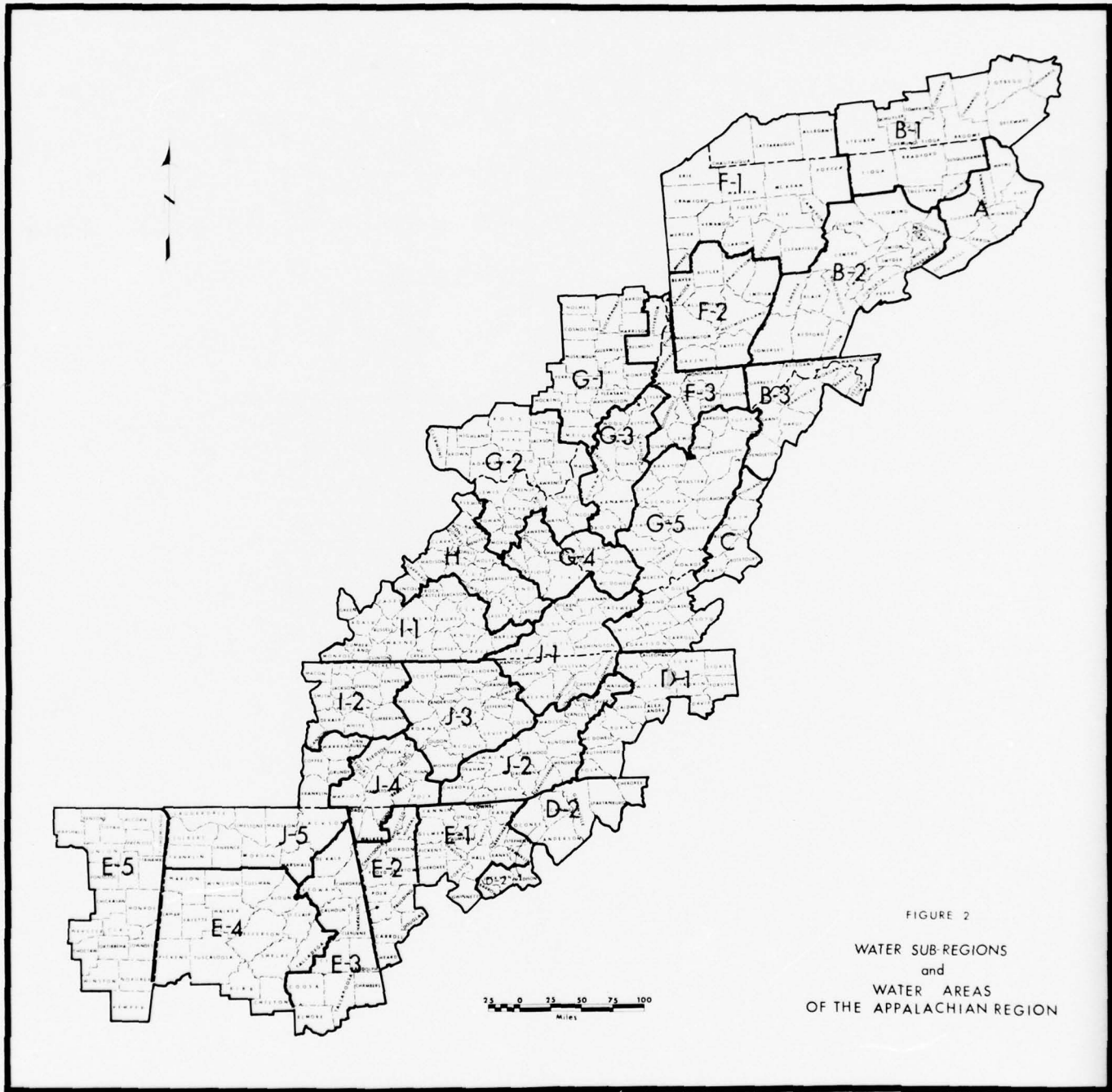


FIGURE 2
WATER SUB-REGIONS
and
WATER AREAS
OF THE APPALACHIAN REGION

CHAPTER 6

POPULATION AND EMPLOYMENT,
59 STATE PLANNING SUB-REGIONS OF APPALACHIA

This chapter contains a disaggregation of the developmental benchmark data contained in Chapters 4 and 5. Most of the water sub-regions and water areas reported in Chapter 5 are a combination of state planning sub-regions.

A map at the end of this chapter shows the boundaries of the planning sub-regions.

TABLE CXXIX
POPULATION AND EMPLOYMENT
DEVELOPMENTAL BENCHMARKS
STATE PLANNING SUB-REGIONS OF APPALACHIA

| State Planning Sub-Regions | 1960 | | 1980 | | 2000 | | 2020 | |
|-------------------------------|-----------|---------|-----------|-----------|-----------|-----------|-----------|-----------|
| | Pop. | Emp. | Pop. | Emp. | Pop. | Emp. | Pop. | Emp. |
| 1 | 480,983 | 173,515 | 607,000 | 244,000 | 939,000 | 362,000 | 1,339,000 | 516,000 |
| 2 | 519,081 | 198,039 | 677,000 | 251,000 | 1,103,000 | 415,000 | 1,616,000 | 650,000 |
| 4 | 721,892 | 247,019 | 871,000 | 310,000 | 1,310,000 | 494,000 | 1,734,000 | 672,000 |
| 5 | 2,883,728 | 975,910 | 3,439,000 | 1,184,000 | 4,450,000 | 1,530,000 | 5,383,000 | 1,967,000 |
| 6 | 244,240 | 81,533 | 295,000 | 110,000 | 444,000 | 168,000 | 589,000 | 228,000 |
| 7 | 510,508 | 160,444 | 639,000 | 225,000 | 803,000 | 315,000 | 1,084,000 | 430,000 |
| 8 | 538,295 | 192,671 | 673,000 | 236,000 | 846,000 | 333,000 | 1,169,000 | 454,000 |
| 9 | 147,740 | 50,511 | 213,000 | 75,000 | 314,000 | 124,000 | 562,000 | 185,000 |
| 10 | 884,381 | 313,602 | 1,006,000 | 372,000 | 1,420,000 | 522,000 | 1,999,000 | 775,000 |
| 11 | 386,395 | 129,669 | 421,000 | 147,000 | 519,000 | 193,000 | 625,000 | 217,000 |
| 12 | 291,739 | 89,757 | 388,000 | 129,000 | 592,000 | 210,000 | 739,000 | 288,000 |
| 13 | 441,406 | 134,625 | 609,000 | 170,000 | 767,000 | 301,000 | 1,174,000 | 453,000 |

TABLE CXXIX (continued)
Sheet 2 of 5

| State Planning Sub-Regions | 1960 | | 1980 | | 2000 | | 2020 | |
|-------------------------------|---------|--------|---------|---------|---------|---------|---------|---------|
| | Pop. | Emp. | Pop. | Emp. | Pop. | Emp. | Pop. | Emp. |
| 14 | 305,250 | 96,066 | 399,000 | 134,000 | 549,000 | 214,000 | 733,000 | 272,000 |
| 15 | 191,905 | 57,887 | 227,000 | 70,000 | 280,000 | 120,000 | 437,000 | 169,000 |
| 16 | 152,958 | 47,653 | 195,000 | 66,000 | 271,000 | 106,000 | 470,000 | 176,000 |
| 17 | 194,380 | 65,710 | 216,000 | 74,000 | 250,000 | 86,000 | 300,000 | 107,000 |
| 18 | 274,164 | 85,061 | 324,000 | 113,000 | 412,000 | 164,000 | 470,000 | 175,000 |
| 19 | 120,596 | 38,502 | 150,000 | 44,000 | 166,000 | 50,000 | 247,000 | 80,000 |
| 20 | 178,674 | 45,679 | 183,000 | 57,000 | 251,000 | 105,000 | 346,000 | 123,000 |
| 21 | 234,987 | 58,374 | 219,000 | 69,000 | 229,000 | 80,000 | 242,000 | 86,000 |
| 22 | 207,507 | 44,130 | 213,000 | 67,000 | 249,000 | 102,000 | 281,000 | 124,000 |
| 23 | 100,212 | 24,437 | 140,000 | 44,000 | 177,000 | 73,000 | 230,000 | 99,000 |
| 24 | 128,016 | 31,454 | 190,000 | 56,000 | 226,000 | 75,000 | 290,000 | 122,000 |
| 25 | 55,220 | 18,072 | 90,000 | 27,000 | 108,000 | 40,000 | 159,000 | 72,000 |
| 26 | 104,845 | 34,151 | 130,000 | 41,000 | 167,000 | 65,000 | 217,000 | 77,000 |
| 27 | 54,939 | 18,317 | 74,000 | 23,000 | 103,000 | 40,000 | 141,000 | 50,000 |

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TABLE CXXIX (continued)
Sheet 4 of 5

| State Planning Sub-Regions | 1960 | | 1980 | | 2000 | | 2020 | |
|-------------------------------|---------|---------|---------|---------|-----------|---------|-----------|---------|
| | Pop. | Emp. | Pop. | Emp. | Pop. | Emp. | Pop. | Emp. |
| 43 | 69,395 | 19,137 | 81,000 | 30,000 | 113,000 | 44,000 | 155,000 | 60,000 |
| 44 | 239,537 | 85,350 | 325,000 | 125,000 | 458,000 | 180,000 | 631,000 | 247,000 |
| 45 | 83,228 | 29,613 | 115,000 | 50,000 | 185,000 | 72,000 | 287,000 | 111,000 |
| 46 | 57,452 | 16,728 | 72,000 | 23,000 | 95,000 | 34,000 | 125,000 | 46,000 |
| 47 | 117,878 | 44,863 | 152,000 | 66,000 | 253,000 | 98,000 | 354,000 | 137,000 |
| 48 | 72,771 | 23,707 | 114,000 | 50,000 | 154,000 | 60,000 | 197,000 | 77,000 |
| 49 | 299,479 | 118,949 | 415,000 | 182,000 | 742,000 | 289,000 | 1,268,000 | 491,000 |
| 50 | 586,521 | 233,356 | 872,000 | 343,000 | 1,426,000 | 555,000 | 2,241,000 | 868,000 |
| 51 | 319,825 | 116,644 | 419,000 | 192,000 | 600,000 | 219,000 | 800,000 | 310,000 |
| 52 | 208,903 | 70,877 | 310,000 | 104,000 | 435,000 | 165,000 | 601,000 | 234,000 |
| 53 | 44,230 | 16,990 | 58,000 | 22,000 | 68,000 | 26,000 | 84,000 | 33,000 |
| 54 | 60,282 | 21,130 | 108,000 | 38,000 | 154,000 | 62,000 | 241,000 | 93,000 |
| 55 | 41,784 | 15,173 | 64,000 | 25,000 | 77,000 | 30,000 | 86,000 | 33,000 |
| 56 | 453,633 | 147,584 | 727,000 | 268,000 | 1,168,000 | 444,000 | 1,868,000 | 724,000 |

TABLE CXXIX (continued)
Sheet 5 of 5

| State Planning Sub-Regions | 1960 | | 1980 | | 2000 | | 2020 | |
|-------------------------------|-----------|---------|-----------|---------|-----------|---------|-----------|-----------|
| | Pop. | Emp. | Pop. | Emp. | Pop. | Emp. | Pop. | Emp. |
| 57 | 261,487 | 86,655 | 397,000 | 146,000 | 530,000 | 204,000 | 742,000 | 288,000 |
| 58 | 145,962 | 54,022 | 166,000 | 61,000 | 245,000 | 95,000 | 339,000 | 131,000 |
| 59 | 1,121,204 | 369,517 | 1,481,000 | 527,000 | 2,095,000 | 825,000 | 2,834,000 | 1,100,000 |
| 60 | 406,187 | 134,040 | 597,000 | 203,000 | 852,000 | 300,000 | 1,112,000 | 400,000 |

NOTE: There is no number three.

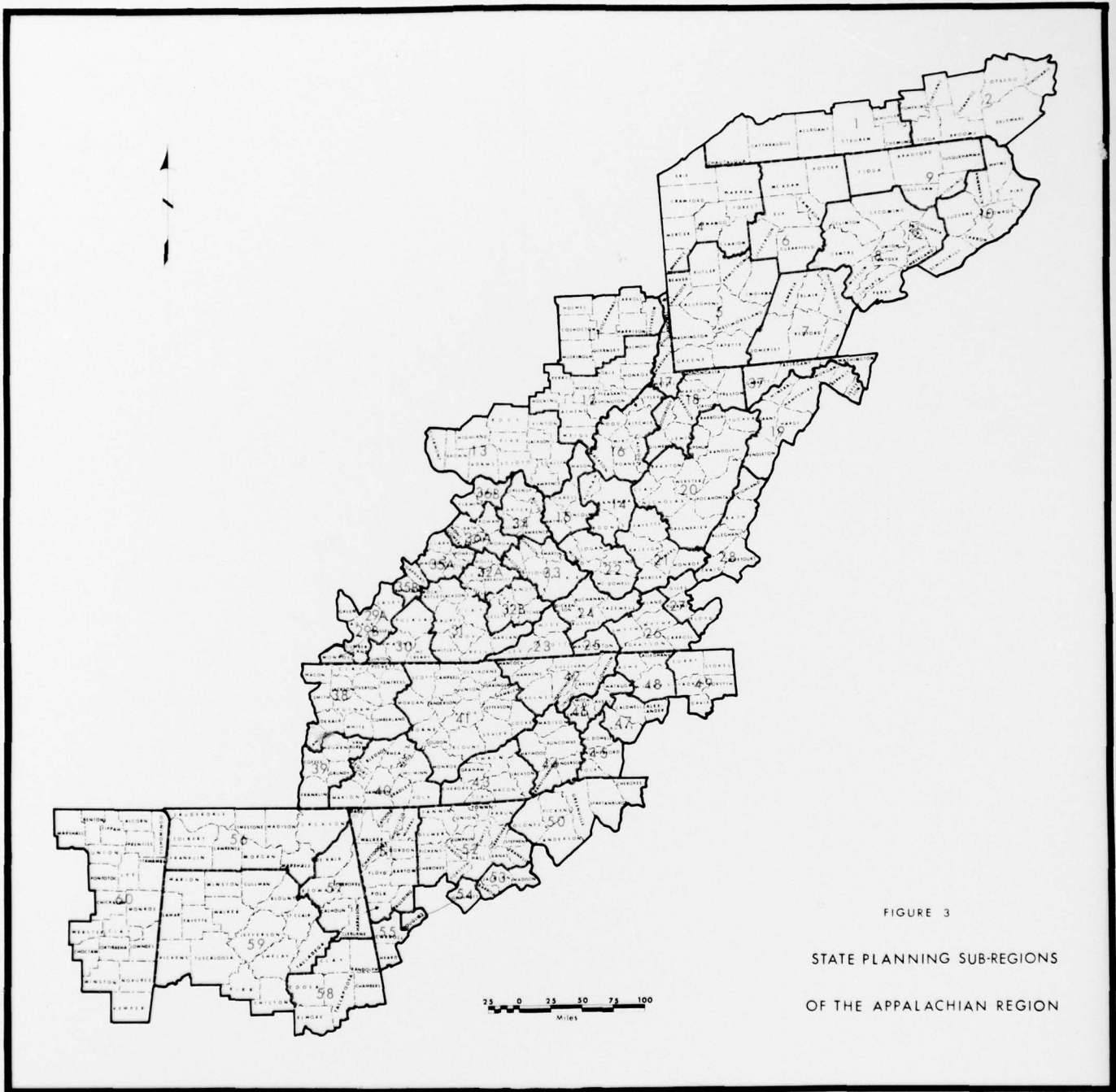


FIGURE 3
 STATE PLANNING SUB-REGIONS
 OF THE APPALACHIAN REGION

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CHAPTER 7

PER CAPITA INCOME

This chapter contains 1960 projections and developmental benchmark per capita income for the 27 economic sub-regions of the Appalachian Region.

TABLE CXXX

PER CAPITA INCOME
HISTORICAL AND PROJECTED
(1954 Dollars)

| | 1940 | 1960 | 1980 | 2000 | 2020 |
|-------------------------|-------|-------|-------|-------|-------|
| UNITED STATES..... | 1,198 | 1,994 | 3,200 | 5,000 | 7,750 |
| Economic Sub-regions... | | | | | |
| 01..... | 1,112 | 1,764 | 2,864 | 4,597 | 7,784 |
| 02..... | 1,170 | 1,727 | 2,598 | 4,447 | 7,885 |
| 03..... | 931 | 1,571 | 2,633 | 4,409 | 7,163 |
| 04..... | 884 | 1,582 | 2,847 | 4,441 | 7,148 |
| 05..... | 895 | 1,530 | 2,633 | 4,393 | 7,391 |
| 06..... | 1,210 | 1,953 | 3,044 | 4,837 | 7,593 |
| 07..... | 748 | 1,444 | 2,540 | 4,491 | 7,373 |
| 08..... | 697 | 1,436 | 2,290 | 3,654 | 6,225 |
| 09..... | 522 | 933 | 1,744 | 3,208 | 5,510 |
| 10..... | 559 | 1,000 | 1,766 | 3,611 | 6,590 |
| 11..... | 702 | 1,345 | 2,381 | 4,156 | 7,330 |
| 12..... | 703 | 1,318 | 2,268 | 3,965 | 7,144 |
| 13..... | 348 | 830 | 1,839 | 3,461 | 6,058 |
| 14..... | 667 | 1,128 | 2,198 | 3,740 | 6,414 |
| 15..... | 616 | 1,500 | 2,685 | 4,485 | 7,235 |
| 16..... | 576 | 1,118 | 2,203 | 3,998 | 6,721 |
| 17..... | 552 | 1,185 | 2,220 | 4,030 | 6,752 |
| 18..... | 324 | 810 | 1,771 | 3,078 | 5,000 |
| 19..... | 539 | 1,158 | 2,256 | 3,701 | 6,180 |
| 20..... | 641 | 1,378 | 2,459 | 4,251 | 7,221 |
| 21..... | 605 | 1,309 | 2,388 | 4,171 | 6,914 |
| 22..... | 424 | 1,359 | 2,600 | 4,400 | 7,210 |
| 23..... | 657 | 1,436 | 2,656 | 4,500 | 7,245 |
| 24..... | 521 | 1,159 | 2,234 | 4,035 | 6,784 |
| 25..... | 723 | 1,537 | 2,583 | 4,369 | 7,125 |
| 26..... | 438 | 1,037 | 1,832 | 3,320 | 5,644 |
| 27..... | 359 | 940 | 1,711 | 2,927 | 4,985 |

TABLE CXXXI
 PER CAPITA INCOME
 DEVELOPMENTAL BENCHMARKS
 (1954 Dollars)

| | 1980 | 2000 | 2020 |
|---------------------------|-------|-------|-------|
| UNITED STATES..... | 3,200 | 5,000 | 7,750 |
| Economic Sub-Regions..... | | | |
| 01..... | 3,040 | 5,000 | 8,138 |
| 02..... | 2,880 | 4,750 | 8,138 |
| 03..... | 2,720 | 4,500 | 7,363 |
| 04..... | 3,040 | 4,500 | 7,363 |
| 05..... | 2,720 | 4,500 | 7,750 |
| 06..... | 3,200 | 5,000 | 7,750 |
| 07..... | 2,560 | 4,500 | 7,750 |
| 08..... | 2,560 | 4,250 | 6,975 |
| 09..... | 2,080 | 4,000 | 6,588 |
| 10..... | 2,080 | 4,000 | 6,975 |
| 11..... | 2,560 | 4,250 | 7,363 |
| 12..... | 2,400 | 4,250 | 7,363 |
| 13..... | 2,080 | 4,000 | 6,588 |
| 14..... | 2,400 | 4,000 | 6,975 |
| 15..... | 2,880 | 4,750 | 7,750 |
| 16..... | 2,240 | 4,250 | 7,363 |
| 17..... | 2,400 | 4,250 | 6,975 |
| 18..... | 2,080 | 3,750 | 6,588 |
| 19..... | 2,560 | 4,500 | 7,750 |
| 20..... | 2,560 | 4,500 | 7,363 |
| 21..... | 2,560 | 4,250 | 7,363 |
| 22..... | 2,720 | 4,500 | 7,363 |
| 23..... | 2,720 | 4,500 | 7,750 |
| 24..... | 2,400 | 4,500 | 7,363 |
| 25..... | 2,720 | 4,500 | 7,363 |
| 26..... | 2,240 | 4,000 | 6,975 |
| 27..... | 2,240 | 4,000 | 6,975 |

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CHAPTER 8

GROSS OUTPUT PER EMPLOYEE

This chapter contains 1960 and projected output per employee for water-sensitive industries in the Appalachian Region and indexes of output per employee for the United States.

TABLE CXXXII

TEXTILES MANUFACTURING
GROSS OUTPUT PER EMPLOYEE (1960 Dollars)

| | 1960 | 1980 | 2000 | 2020 |
|---------------------------|-------|--------|--------|--------|
| UNITED STATES..... | 100 | 183 | 353 | 725 |
| Economic Sub-Regions..... | | | | |
| 01..... | 4,816 | 13,072 | 22,739 | 35,422 |
| 02..... | 5,451 | 13,707 | 23,374 | 36,057 |
| 03..... | 4,904 | 13,165 | 22,832 | 35,515 |
| 04..... | 5,197 | 13,453 | 23,120 | 35,803 |
| 05..... | 5,017 | 13,273 | 22,940 | 35,623 |
| 06..... | 4,237 | 12,493 | 22,160 | 34,843 |
| 07..... | 5,621 | 13,877 | 23,544 | 36,227 |
| 08..... | 7,664 | 15,920 | 25,587 | 38,270 |
| 09..... | 7,664 | 15,920 | 25,587 | 38,270 |
| 10..... | 5,271 | 13,527 | 23,194 | 35,877 |
| 11..... | 3,658 | 11,914 | 21,581 | 34,264 |
| 12..... | 3,658 | 11,914 | 21,581 | 34,264 |
| 13..... | 5,458 | 13,714 | 23,381 | 36,064 |
| 14..... | 5,271 | 13,527 | 23,194 | 35,877 |
| 15..... | 4,372 | 12,628 | 22,295 | 34,978 |
| 16..... | 5,271 | 13,527 | 23,194 | 35,877 |
| 17..... | 4,460 | 12,716 | 22,383 | 35,066 |
| 18..... | 4,672 | 12,928 | 22,595 | 35,278 |
| 19..... | 4,450 | 12,706 | 22,373 | 35,056 |
| 20..... | 4,450 | 12,706 | 22,373 | 35,056 |
| 21..... | 4,460 | 12,716 | 22,383 | 35,066 |
| 22..... | 4,192 | 12,448 | 22,115 | 34,798 |
| 23..... | 4,838 | 13,094 | 22,761 | 35,444 |
| 24..... | 4,328 | 12,584 | 22,251 | 34,934 |
| 25..... | 4,192 | 12,448 | 22,115 | 34,798 |
| 26..... | 4,192 | 12,448 | 22,115 | 34,798 |
| 27..... | 4,192 | 12,448 | 22,115 | 34,798 |

TABLE CXXXIII

CHEMICALS MANUFACTURING

GROSS OUTPUT PER EMPLOYEE (1960 Dollars)

| | 1960 | 1980 | 2000 | 2020 |
|---------------------------|--------|--------|--------|--------|
| UNITED STATES..... | 100 | 225 | 395 | 649 |
| Economic Sub-Regions..... | | | | |
| 01..... | 12,591 | 27,281 | 42,855 | 67,525 |
| 02..... | 10,152 | 24,842 | 40,416 | 65,086 |
| 03..... | 11,431 | 26,121 | 41,695 | 66,365 |
| 04..... | 11,431 | 26,121 | 41,695 | 66,365 |
| 05..... | 11,431 | 26,121 | 41,695 | 66,365 |
| 06..... | 9,679 | 24,369 | 39,943 | 64,613 |
| 07..... | 9,452 | 24,142 | 39,716 | 64,386 |
| 08..... | 12,431 | 27,121 | 42,695 | 67,365 |
| 09..... | 12,992 | 27,682 | 43,256 | 67,926 |
| 10..... | 9,816 | 24,506 | 40,080 | 64,750 |
| 11..... | 15,660 | 30,350 | 45,924 | 70,594 |
| 12..... | 15,660 | 30,350 | 45,924 | 70,594 |
| 13..... | 8,903 | 23,593 | 39,167 | 63,837 |
| 14..... | 9,816 | 24,506 | 40,080 | 64,750 |
| 15..... | 10,718 | 25,408 | 40,982 | 65,652 |
| 16..... | 9,816 | 24,506 | 40,080 | 64,750 |
| 17..... | 10,318 | 25,008 | 40,582 | 65,252 |
| 18..... | 9,725 | 24,415 | 39,989 | 64,659 |
| 19..... | 9,028 | 23,718 | 39,292 | 63,962 |
| 20..... | 9,028 | 23,718 | 39,292 | 63,962 |
| 21..... | 10,318 | 25,008 | 40,582 | 65,252 |
| 22..... | 13,525 | 28,215 | 43,789 | 68,459 |
| 23..... | 11,167 | 25,857 | 41,431 | 66,101 |
| 24..... | 10,242 | 24,932 | 40,506 | 65,176 |
| 25..... | 11,606 | 26,296 | 41,870 | 66,540 |
| 26..... | 13,525 | 28,215 | 43,789 | 68,459 |
| 27..... | 11,606 | 26,296 | 41,870 | 66,540 |

TABLE CXXXIV
 PETROLEUM MANUFACTURING
 GROSS OUTPUT PER EMPLOYEE (1960 Dollars)

| | 1960 | 1980 | 2000 | 2020 |
|---------------------------|--------|--------|---------|---------|
| UNITED STATES..... | 100 | 178 | 310 | 482 |
| Economic Sub-Regions..... | | | | |
| 01..... | 13,145 | 43,911 | 84,411 | 136,831 |
| 02..... | 15,315 | 46,081 | 86,581 | 139,001 |
| 03..... | 13,379 | 44,145 | 84,645 | 137,065 |
| 04..... | 13,379 | 44,145 | 84,645 | 137,065 |
| 05..... | 13,242 | 44,008 | 84,508 | 136,928 |
| 06..... | 12,881 | 43,647 | 84,147 | 136,567 |
| 07..... | 24,421 | 55,187 | 95,687 | 148,107 |
| 08..... | 24,211 | 54,977 | 94,477 | 147,897 |
| 09..... | 23,075 | 53,841 | 94,341 | 146,761 |
| 10..... | -- | -- | -- | -- |
| 11..... | 12,231 | 42,997 | 83,497 | 135,917 |
| 12..... | 12,231 | 42,997 | 83,497 | 135,917 |
| 13..... | 31,984 | 62,750 | 103,250 | 155,670 |
| 14..... | -- | -- | -- | -- |
| 15..... | -- | -- | -- | -- |
| 16..... | -- | -- | -- | -- |
| 17..... | -- | -- | -- | -- |
| 18..... | -- | -- | -- | -- |
| 19..... | -- | -- | -- | -- |
| 20..... | -- | -- | -- | -- |
| 21..... | -- | -- | -- | -- |
| 22..... | 16,853 | 47,619 | 88,119 | 140,539 |
| 23..... | -- | -- | -- | -- |
| 24..... | 15,550 | 46,316 | 86,816 | 139,236 |
| 25..... | 16,853 | 47,619 | 88,119 | 140,539 |
| 26..... | 16,853 | 47,619 | 88,119 | 140,539 |
| 27..... | -- | -- | -- | -- |

TABLE CXXXV
 PRIMARY METALS MANUFACTURING
 GROSS OUTPUT PER EMPLOYEE (1960 Dollars)

| | 1960 | 1980 | 2000 | 2020 |
|---------------------------|-------|--------|--------|--------|
| UNITED STATES..... | 100 | 131 | 166 | 211 |
| Economic Sub-Regions..... | | | | |
| 01..... | 5,677 | 7,662 | 9,822 | 12,619 |
| 02..... | 6,318 | 8,303 | 10,463 | 13,260 |
| 03..... | 5,665 | 7,650 | 9,810 | 12,607 |
| 04..... | 5,665 | 7,650 | 9,810 | 12,607 |
| 05..... | 5,695 | 7,680 | 9,840 | 12,637 |
| 06..... | 5,836 | 7,821 | 9,981 | 12,778 |
| 07..... | 6,437 | 8,422 | 10,582 | 13,379 |
| 08..... | 6,031 | 8,016 | 10,176 | 12,973 |
| 09..... | 6,439 | 8,424 | 10,584 | 13,381 |
| 10..... | 5,711 | 7,696 | 9,856 | 12,653 |
| 11..... | 8,584 | 10,569 | 12,729 | 15,526 |
| 12..... | 8,584 | 10,569 | 12,729 | 15,526 |
| 13..... | 6,986 | 8,971 | 11,131 | 13,928 |
| 14..... | 5,711 | 7,696 | 9,856 | 12,653 |
| 15..... | 5,560 | 7,545 | 9,705 | 12,502 |
| 16..... | 5,711 | 7,696 | 9,856 | 12,653 |
| 17..... | 6,140 | 8,125 | 10,285 | 13,082 |
| 18..... | 6,140 | 8,125 | 10,285 | 13,082 |
| 19..... | 5,560 | 7,545 | 9,705 | 12,502 |
| 20..... | 5,560 | 7,545 | 9,705 | 12,502 |
| 21..... | 6,140 | 8,125 | 10,285 | 13,082 |
| 22..... | 6,170 | 8,155 | 10,315 | 13,112 |
| 23..... | 5,472 | 7,457 | 9,617 | 12,414 |
| 24..... | 3,727 | 5,712 | 7,872 | 10,669 |
| 25..... | 6,750 | 8,735 | 10,895 | 13,692 |
| 26..... | 6,170 | 8,155 | 10,315 | 13,112 |
| 27..... | 6,750 | 8,735 | 10,895 | 13,692 |

TABLE CXXXVI
 FOOD MANUFACTURING
 GROSS OUTPUT PER EMPLOYEE (1960 Dollars)

| | 1960 | 1980 | 2000 | 2020 |
|---------------------------|-------|--------|--------|--------|
| UNITED STATES..... | 100 | 143 | 209 | 386 |
| Economic Sub-Regions..... | | | | |
| 01..... | 9,478 | 11,518 | 14,685 | 18,622 |
| 02..... | 9,813 | 11,853 | 15,020 | 18,957 |
| 03..... | 8,105 | 10,145 | 13,312 | 17,249 |
| 04..... | 8,670 | 10,710 | 13,877 | 17,814 |
| 05..... | 8,129 | 10,169 | 13,336 | 17,273 |
| 06..... | 8,514 | 10,554 | 13,721 | 17,658 |
| 07..... | 8,375 | 10,415 | 13,582 | 17,519 |
| 08..... | 8,985 | 11,025 | 14,192 | 18,129 |
| 09..... | 9,420 | 11,460 | 14,627 | 18,564 |
| 10..... | 6,860 | 8,900 | 12,067 | 16,004 |
| 11..... | 6,775 | 8,815 | 11,982 | 15,919 |
| 12..... | 6,775 | 8,815 | 11,982 | 15,919 |
| 13..... | 9,515 | 11,555 | 14,722 | 18,659 |
| 14..... | 6,860 | 8,900 | 12,067 | 16,004 |
| 15..... | 6,911 | 8,951 | 12,118 | 16,055 |
| 16..... | 6,860 | 8,900 | 12,067 | 16,004 |
| 17..... | 7,836 | 9,876 | 13,043 | 16,980 |
| 18..... | 7,509 | 9,549 | 12,716 | 16,653 |
| 19..... | 6,978 | 9,018 | 12,185 | 16,122 |
| 20..... | 6,978 | 9,018 | 12,185 | 16,122 |
| 21..... | 7,836 | 9,876 | 13,043 | 16,980 |
| 22..... | 6,230 | 8,270 | 11,437 | 15,374 |
| 23..... | 6,253 | 8,293 | 11,460 | 15,397 |
| 24..... | 7,849 | 9,889 | 13,056 | 16,993 |
| 25..... | 6,774 | 8,814 | 11,981 | 15,918 |
| 26..... | 6,230 | 8,270 | 11,437 | 15,374 |
| 27..... | 6,774 | 8,814 | 11,981 | 15,918 |

TABLE CXXXVII
 PAPER MANUFACTURING
 GROSS OUTPUT PER EMPLOYEE (1960 Dollars)

| | 1960 | 1980 | 2000 | 2020 |
|---------------------------|-------|--------|--------|--------|
| UNITED STATES..... | 100 | 131 | 163 | 203 |
| Economic Sub-Regions..... | | | | |
| 01..... | 6,587 | 8,849 | 11,161 | 14,087 |
| 02..... | 6,550 | 8,812 | 11,124 | 14,050 |
| 03..... | 7,079 | 9,341 | 11,653 | 14,579 |
| 04..... | 7,040 | 9,302 | 11,614 | 14,540 |
| 05..... | 6,272 | 8,534 | 10,846 | 13,772 |
| 06..... | 6,516 | 8,778 | 11,090 | 14,016 |
| 07..... | 6,876 | 9,138 | 11,450 | 14,376 |
| 08..... | 6,884 | 9,106 | 11,418 | 14,344 |
| 09..... | 9,568 | 11,830 | 14,142 | 17,068 |
| 10..... | 4,750 | 7,012 | 9,324 | 12,250 |
| 11..... | 4,750 | 9,012 | 9,324 | 12,250 |
| 12..... | 4,649 | 6,911 | 9,223 | 12,149 |
| 13..... | 9,568 | 11,830 | 14,142 | 17,068 |
| 14..... | 6,899 | 9,161 | 11,473 | 14,399 |
| 15..... | 9,568 | 11,830 | 14,142 | 17,068 |
| 16..... | 8,964 | 11,226 | 13,538 | 16,464 |
| 17..... | 6,379 | 8,614 | 10,953 | 13,879 |
| 18..... | 7,266 | 9,528 | 11,840 | 14,766 |
| 19..... | 7,266 | 9,528 | 11,840 | 14,766 |
| 20..... | 8,964 | 11,226 | 13,538 | 16,464 |
| 21..... | 8,380 | 10,642 | 12,954 | 15,880 |
| 22..... | 7,429 | 9,691 | 12,003 | 14,929 |
| 23..... | 7,429 | 9,691 | 12,003 | 14,929 |
| 24..... | 7,769 | 10,031 | 12,343 | 15,269 |
| 25..... | 8,380 | 10,642 | 12,954 | 15,880 |
| 26..... | 7,769 | 10,031 | 12,343 | 15,269 |
| 27..... | 7,769 | 10,031 | 12,003 | 15,269 |