OCS Study
MMS 93-0028

Socioeconomic Impacts of Declining Outer Continental Shelf Oil and Gas Activities in the Gulf of Mexico

MMS U.S. Department of the Interior
Minerals Management Service
Gulf of Mexico OCS Region

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I. INTRODUCTION

This project is the third in a series of phased studies initiated by the Minerals Management Service (MMS) addressing the socioeconomic impact of outer continental shelf (OCS) oil and gas activities in the Gulf of Mexico (GOM). The Phase I study was oriented toward obtaining and analyzing primary data to characterize the OCS work-force and the direct economic impact of OCS-related activities on communities located along the Gulf of Mexico. The Phase II study involved the development of an economic input/output model designed to generate estimates of the indirect economic impact of OCS-related activities in the Gulf of Mexico.

Recent declines in the price of oil and gas have led to corresponding declines in oil and gas activities. This recent price-related decline has contributed to a general economic recession within coastal communities whose economic base is founded on oil and gas activities. The conditions resulting from the recent price-related decline provide a case study scenario upon which future socioeconomic impacts resulting from a resource depletion can be formulated.

Communities along the Gulf of Mexico (GOM) experienced an unprecedented economic boom during the 1970s. Driven by rising prices for oil and gas, the regional economy posted extremely rapid employment and income gains as a result of increased exploration and drilling activity, the manufacture of oil field equipment, expansions at refineries and chemical plants and the relocation of energy company offices to the Gulf Coast (Weinstein et al. 1985).

Population expansions of many Gulf of Mexico communities can be traced directly to the growth in demand for oil and gas. In fact, the economies of these areas became almost completely oriented to this single business while becoming the center of offshore oil and gas exploration and production for the United States. Within the gulf states of Texas, Louisiana, Mississippi and Alabama, hundreds of businesses have formed during the last 40 years to serve the industry with an extensive network of supply and support bases on the nearby land (Davis and Place 1983).

However, in 1982, the Gulf Coast economy went into a tailspin. Job growth slowed markedly in all of the region's metropolitan areas and unemployment rates swelled to well above the U.S. average. Every metropolitan area along the Gulf Coast experienced large declines in manufacturing employment since 1980, with losses ranging from 4.8

percent in Lafayette to 33.3 percent in Lake Charles (Weinstein et al. 1985).

The Gulf of Mexico is the center of offshore oil and gas exploration and production for the United States. Since the Kerr-McGee well was located out of the site of land in 1947 (Davis and Place 1983), more than 20,000 offshore oil and/or gas wells have been drilled. Offshore activities cannot exist without an extensive network of supply and support bases on the nearby land. Previous studies have addressed community impacts associated with the development of Outer Continental Shelf (OCS) resources. This study was designed to analyze impacts associated with the price-related decline in OCS activities. Findings from previous Minerals Management Service (MMS) studies together with the analyses performed under the current effort have led to a better understanding of the geographic relationship between OCS activities and impacts along the Gulf Coast.

A. Study Objectives

The primary objectives of this study are:

- to analyze the socioeconomic impacts of the recent price-related decline in outer continental shelf (OCS) oil and gas activity, and

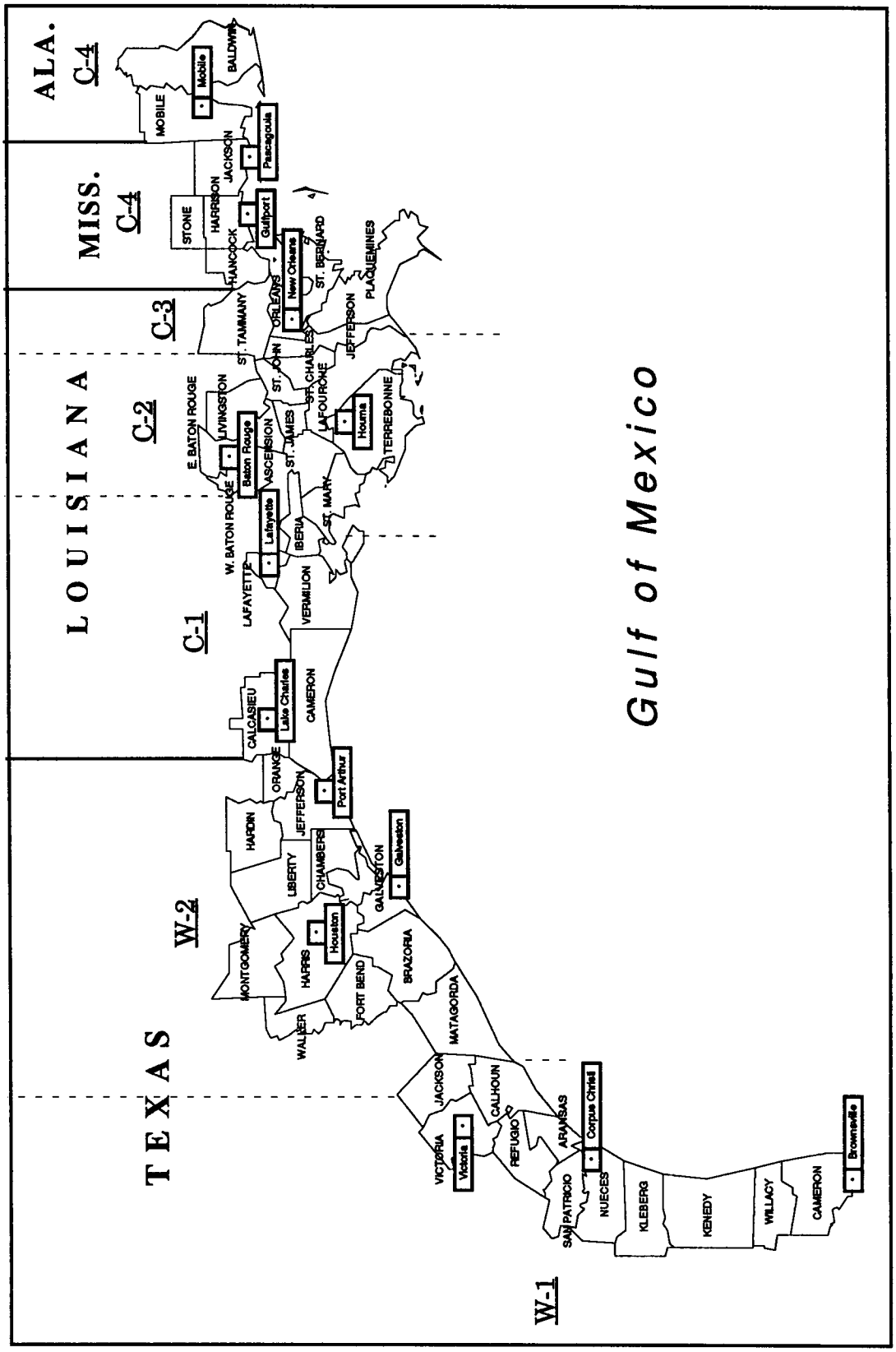
- to formulate a set of conceptual cause-effect models that express the relationships between changes in OCS activities and select socioeconomic attributes.

Socioeconomic changes associated with the recent price-related decline in OCS oil and gas activities provide insight into the nature of changes expected to accompany a secular decline related to resource depletion. Data on the magnitude and expanse of the measurable change experienced were employed to formulate a set of conceptual cause-effect models that express the relationships between OCS activities and socioeconomic characteristics.

B. Description of the Study Area

The study area includes 49 counties and parishes located in four states along the Gulf of Mexico including select inland counties and parishes encompassing adjacent metropolitan areas (Plate 1). The coastal counties

Plate 1. Map of the study area



and parishes extend from Baldwin County in Alabama to Cameron County in southernmost Texas. Inland counties and parishes are included:

- where offshore oil and gas support activities are known to exist (such as Lafayette, Louisiana);

- where offshore-related petroleum industries are established (such as the lower Mississippi River region in Louisiana); and

- to account for all counties and parishes within Standard Metropolitan Statistical Areas (SMSA) boundaries when one county or parish is on the coast.

There are 14 Standard Metropolitan Statistical Areas (SMSA's) in the region (in order from east to west); Alabama: Mobile; Mississippi: Pascagoula-Moss Point, Biloxi-Gulfport; Louisiana: New Orleans, Houma-Thibodaux, Baton Rouge, Lafayette, Lake Charles; Texas: Beaumont-Port Arthur-Orange, Galveston-Texas City, Houston, Victoria, Corpus Christi, Brownsville-Harlingen-San Benito.

The 49 county and parish study area comprises the Central GOM Coastal Analysis Area (CAA) and the Western GOM CAA. The CAA's and their coastal area counties and parishes are:

Central GOM Coastal Analysis Area: This includes the following twenty-six (26) parishes and counties in Louisiana, Mississippi, and Alabama. They are grouped into four coastal areas.

- Coastal Area C-1 (all are Louisiana parishes) - Calcasieu, Cameron, Iberia, Lafayette and Vermilion;

- Coastal Area C-2 (all are Louisiana parishes) - Ascension, East Baton Rouge, Lafourche, Livingston, St. Charles, St. James, St. John the Baptist, St. Mary, Terrebonne, and West Baton Rouge;

- Coastal Area C-3 (all are Louisiana parishes) - Jefferson, Orleans, Plaquemines, St. Bernard, and St. Tammany;

- Coastal Area C-4 (includes both Mississippi and Alabama counties) - Mississippi: Hancock, Harrison, Jackson, and Stone; and Alabama: Baldwin and Mobile.

Western GOM Coastal Analysis Area: This includes the following twenty-three (23) Texas counties. They are grouped into two coastal areas.

- Coastal Area W-1 (all are Texas counties) - Aransas, Calhoun, Cameron, Jackson, Kenedy, Kleberg, Nueces, Refugio, San Patricio, Victoria, and Willacy;

- Coastal Area W-2 (all are Texas counties) - Brazoria, Chambers, Fort Bend, Galveston, Hardin, Harris, Jefferson, Liberty, Matagorda, Montgomery, Orange, and Waller.

C. Methodology

The study objectives were achieved through the application of a methodology which included a compilation and analysis of secondary data, a review of relevant boom-bust phenomena literature, and statistical analyses and associated cause-effect modeling.

Chapter II. "Analysis of Socioeconomic Impacts of the Recent Price-Related Decline in OCS Oil and Gas Activities" involves background data gathering and analysis of measurable socioeconomic attribute indicators and oil and gas activity indicators.

Data were compiled to characterize and analyze baseline conditions within the study area for the years 1960, 1970 and 1980. Each data element used to characterize baseline conditions was a component of a socioeconomic attribute category (SAC).

The data components identified for inclusion in the study were selected based on applicability to the project, availability from secondary sources, consistency of definition across decennial censuses, and uniformity in measurement across counties and parishes. Data which met the selection criteria were assembled from the U. S. Department of Commerce, Bureau of the Census and Bureau of Economic Analysis (BEA).

The data were compiled into automated database files using Lotus Symphony. Each file was indexed to facilitate data access and retrieval. Data used to prepare descriptions of baseline socioeconomic conditions (1960 through 1980) are presented in Appendix A. Local government revenue and expenditure data presented for 1960, 1970 and 1980 are based on the Census of Governments for 1962, 1972 and 1982 respectively. Financial data have been adjusted to 1980 dollars.

Socioeconomic attribute category (SAC) data for 1960, 1970 and 1980 compiled in the database was analyzed to accomplish the following:

- comparison of the 1980 data levels for each socioeconomic attribute category (SAC) component among the study area units,
- comparison of changes from 1960 to 1970 and from 1970 to 1980 among study area units,
- identification and explanation of significant variations among study area units for each SAC component, and
- identification of study area units that have been significantly influenced by OCS and total oil and gas activity and the relationships between OCS and total oil and gas activity and SAC components that reflect on the socioeconomic well-being of the area.

Socioeconomic indicator data for the period 1981-1986 were compiled and integrated into the database. The 1981-1986 data together with select 1960, 1970 and 1980 baseline conditions data were analyzed to identify changes in socioeconomic characteristics and OCS and total oil and gas activity (Appendix B). Federal GOM OCS oil and gas activity data were obtained from the Minerals Management Service (Appendix D).

Chapter III. "Implications of the Recent Decline in OCS Activity for an Eventual Decline Related to Resource Depletion" addresses resource depletion impact scenarios. Statistical analyses were performed to identify relationships between the socioeconomic attribute indicators and the oil and gas activity indicators. The relationships identified along with relevant findings from available "boom-bust" documentation were used to guide the development of the conceptual cause-effect models.

II. ANALYSIS OF SOCIOECONOMIC IMPACTS OF THE RECENT PRICE-RELATED DECLINE IN OCS OIL AND GAS ACTIVITIES

A. Baseline Socioeconomic Conditions, 1960-1980

The Gulf of Mexico (GOM) outer continental shelf oil and gas industry experienced dramatic changes over recent years. These changes impacted socioeconomic conditions in the adjacent coastal communities. The analysis of individual socioeconomic characteristics provides a base of information which illustrates the changed conditions.

Select socioeconomic data for each parish and county in the study area for the years 1960, 1970 and 1980 were inventoried, assembled and tabulated (Appendix A). The data were analyzed to:

- conduct a comparison of the 1980 data levels for each socioeconomic attribute category (SAC) component among the study area units;
- conduct a comparison of the changes from 1960 to 1970 and from 1970 to 1980 among the study area units;
- identify significant variations among the study area units for each SAC component;
- attempt to provide possible explanations for the reasons for study area unit deviations for the average values for the SAC for 1980 data;
- analyze the 1980 data and the 1960 to 1980 trends in data for each SAC component related to oil and gas activity in general and to OCS oil and gas activity in particular; and
- identify study area units significantly influenced by OCS and total oil and gas activity and comment on the relationships between OCS and total oil and gas activity and SAC components that reflect on the socioeconomic well-being of the area.

The reporting, analysis and interpretation of socioeconomic characteristics is accomplished by making reference to specific geographic areas. The

following abbreviated terms are used throughout the text to indicate geographic areas.

The forty-nine county and parish study area is divided into the Central Gulf of Mexico (GOM) Coastal Analysis Area (CAA) and the Western GOM Coastal Analysis Area (CAA) as follows:

Central GOM Coastal Analysis Area: twenty-six (26) parishes and counties in Louisiana, Mississippi, and Alabama grouped into four coastal areas.

- coastal area C1 (all are Louisiana parishes) - Calcasieu, Cameron, Iberia, Lafayette and Vermilion;

- coastal area C2 (all are Louisiana parishes) - Ascension, East Baton Rouge, Lafourche, Livingston, St. Charles, St. James, St. John the Baptist, St. Mary, Terrebonne, and West Baton Rouge;

- coastal area C3 (all are Louisiana parishes) - Jefferson, Orleans, Plaquemines, St. Bernard, and St. Tammany;

- coastal area C4 (includes both Mississippi and Alabama counties) - Mississippi: Hancock, Harrison, Jackson, and Stone; and Alabama: Baldwin and Mobile.

Western GOM Coastal Analysis Area: twenty-three (23) Texas counties grouped into two coastal areas.

- coastal area W1 (all are Texas counties) - Aransas, Calhoun, Cameron, Jackson, Kenedy, Kleberg, Nueces, Refugio, San Patricio, Victoria, and Willacy;

- coastal area W2 (all are Texas counties) - Brazoria, Chambers, Fort Bend, Galveston, Hardin, Harris, Jefferson, Liberty, Matagorda, Montgomery, Orange, and Waller.

1. Population

1980 - The total population of the study area in 1980 was 7,477,124. Nearly half (47.25% or 3,533,156 people) lived in the upper Texas coastal area W2 which includes the City of Houston in Harris County, Texas. In contrast, the southwestern part of Louisiana (coastal area C1) was

populated with only 438,768 people or 5.87 percent of the study area population (See Figure 1).

Changes from 1960-1970 - The study area as a whole experienced a 20.78 percent increase in population between the years 1960 to 1970. Population growth rates for individual coastal areas ranged from 2.44

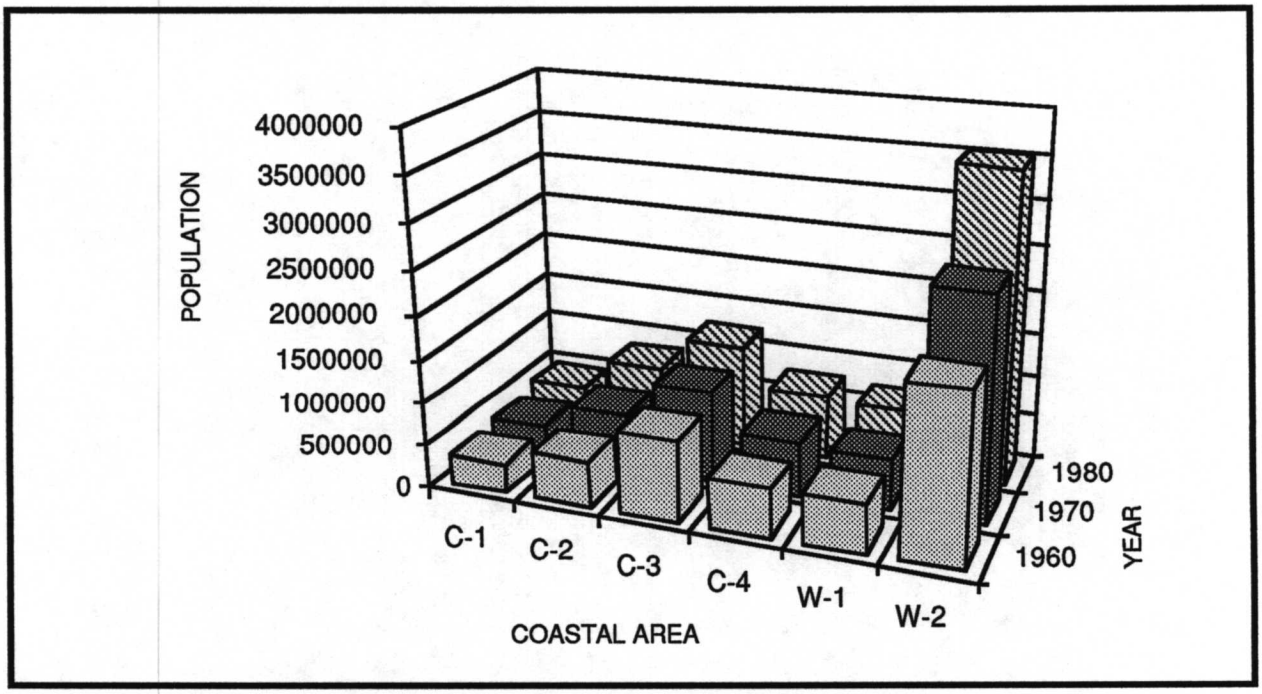


Figure 1. Population by coastal area for 1960, 1970 and 1980

percent in W1 (the lower Texas coast) to 31.88 percent in W2 (the upper Texas coast).

Coastal areas C2 and W2 recorded higher than average percentage of population growth during 1960 to 1970. Coastal area C2, the central Louisiana coast, experienced a 25.19 percent change and W2, the upper Texas coast, had a 31.88 percent change.

The four remaining coastal areas fell below the study area average rate of population growth during the same period and included W1, the lower southeastern Texas coast, which showed a growth of only 2.44 percent. Coastal area C1, the southwestern Louisiana coast, reflected slightly over eleven percent (11.06%) followed by coastal area C4, the Mississippi and Alabama coast, with an 11.67 percent change in population growth.

Coastal area C3, the southeastern Louisiana coast, experienced a 15.21 percent change.

Changes from 1970-1980 - Population in the study area from 1970 to 1980 increased by 27.88 percent. The average annual population growth rate of 2.79 percent was nearly twice the national average of 1.15 percent during the same period (1980 Bureau of the Census).

Individual coastal areas experienced population growth rates ranging from 13.27 percent to 38.27 percent. The highest growth rate (38.27%) occurred in coastal area W2, the upper Texas coast. The central Louisiana coast (coastal area C2) had a population growth of 26.20 percent in the ten years from 1970 through 1980. The other four coastal areas also experienced substantial growth.

Changes from 1960-1980 - The population in the study area increased by 54.46 percent from 1960 to 1980. Total population grew from 4,840,765 to 7,477,124.

Coastal area W2, the Houston area, experienced the greatest change with an increase of 82.35 percent. Coastal area C2, the central Louisiana coast, gained fifty-eight percent during the same twenty year period.

Other coastal areas also increased in population, but at a more gradual pace. The changes ranged from the lower southeastern Texas coastal area of W1 which increased by 26.40 percent, to the southwestern Louisiana coastal area of C1 which increased by 33.96 percent. The two eastern coastal areas of C3, the southeastern Louisiana coast, and C4, the Mississippi and Alabama coast, increased by 30.49 percent and 34.68 percent respectively.

2. Urban Population

Urban population as defined by the U. S. Department of Commerce, Bureau of the Census, includes population located in incorporated places of 2,500 or more inhabitants, census designated places of 2,500 or more inhabitants, and other territory, incorporated or unincorporated, included in urbanized areas.

1980 - In 1980, 6,255,083 of the 7,477,124 people within the study area were classified as urban. Urban population accounted for 83.66 percent of the total study area population (Figure 2).

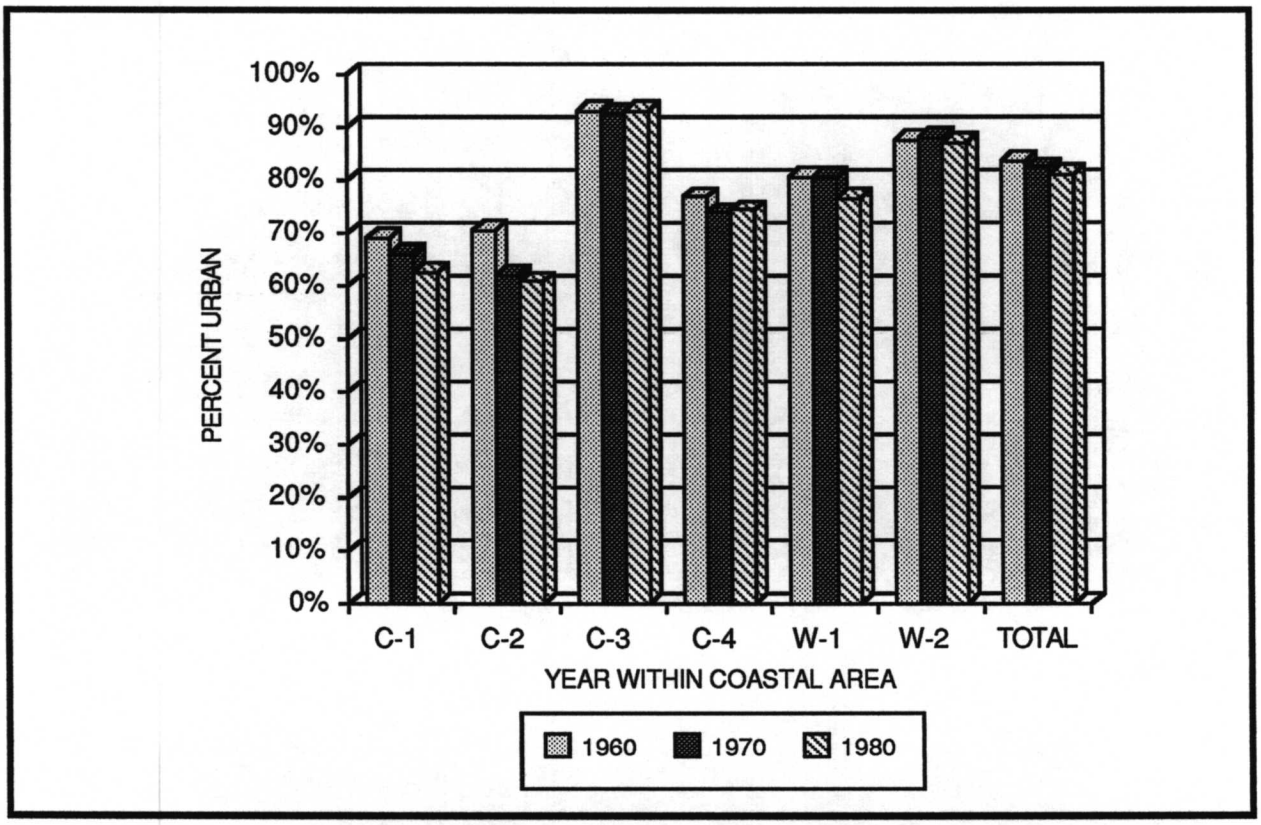


Figure 2. Percent of population classified as "urban" by coastal area for 1960, 1970 and 1980

The intensity of urban population by coastal area within the study area ranged from 92.91 percent in C3 (New Orleans and vicinity) to 68.85 percent in C1 (southwest Louisiana). Although W2 (Houston and vicinity) led the region in total urban population (3,091,650), C3 ranked highest in urban population as a percent of total population.

Changes from 1960-1970 - From 1960 to 1970, the urban population increased at a rate higher than the total population (22.78% versus 20.78%).

Within individual coastal areas, the greatest percent change occurred in the upper Texas (coastal area W2) where urban population grew by 33.38 percent. Coastal area W1, the lower southeastern Texas coast, experienced the lowest (8.09%) change in urban population.

The other four remaining coastal areas had percent changes of 10.90 percent in C4, the Mississippi and Alabama coast, and 14.55 percent in C3, the southeastern Louisiana coast. There was a 17.29 percent change in C1, the southwestern Louisiana coast. Coastal area C2, the central Louisiana

coast, experienced the second highest percent change in urban population with 28.03 percent.

Changes from 1970-1980 - As in the previous ten years, the urban population increased at a higher rate (30.06%) than the total population (27.88%).

Within the individual coastal areas, the highest percent change during this ten year period did not occur in the upper Texas coast (coastal area W2) as it had been from 1960 to 1970. Instead, coastal area C2, the central Louisiana coast, experienced the highest percent change at 43.31 percent. Following closely was W2, the upper Texas coast, with a 37.71 percent increase in urban population. Somewhat less change was recorded in coastal area C1, the southwestern Louisiana coast (25.74%); coastal area C4, the Mississippi and Alabama coast (25.56%), and coastal area W1, the lower southeastern Texas coast (23.32%). Coastal area C3, southeastern Louisiana, experienced the lowest percent (13.61%) change in urban population.

Changes from 1960-1980 - From 1960-1980, urban population increased in the study area by 59.68 percent. The total population increase in the study area during that time was 54.46 percent.

The most notable changes in urban population occurred within coastal areas W2, the upper Texas coast, and in coastal area C2, the central Louisiana coast. Both of these areas experienced an urban population change of more than eighty-three percent from 1960 to 1980. The next highest percent change in urban population was noted in coastal area C1, southwestern Louisiana, which experience a 47.47 percent change.

3. Net Migration

Net migration is a component of population change. The change in population equals the beginning population plus the number of births minus the deaths plus the net migration. Net migration indicates the change in population as a result of movement into or out of an area.

Changes from 1960-1970 - From 1960 to 1970, the study area experienced a positive net migration of 179,279. Three coastal areas (C1, C4 and W1) experienced negative net migration which indicates that more people were moving out than were moving into the counties and parishes

comprising those coastal areas (Figure 3). The other three coastal areas (C2, C3 and W2) experienced positive net migration.

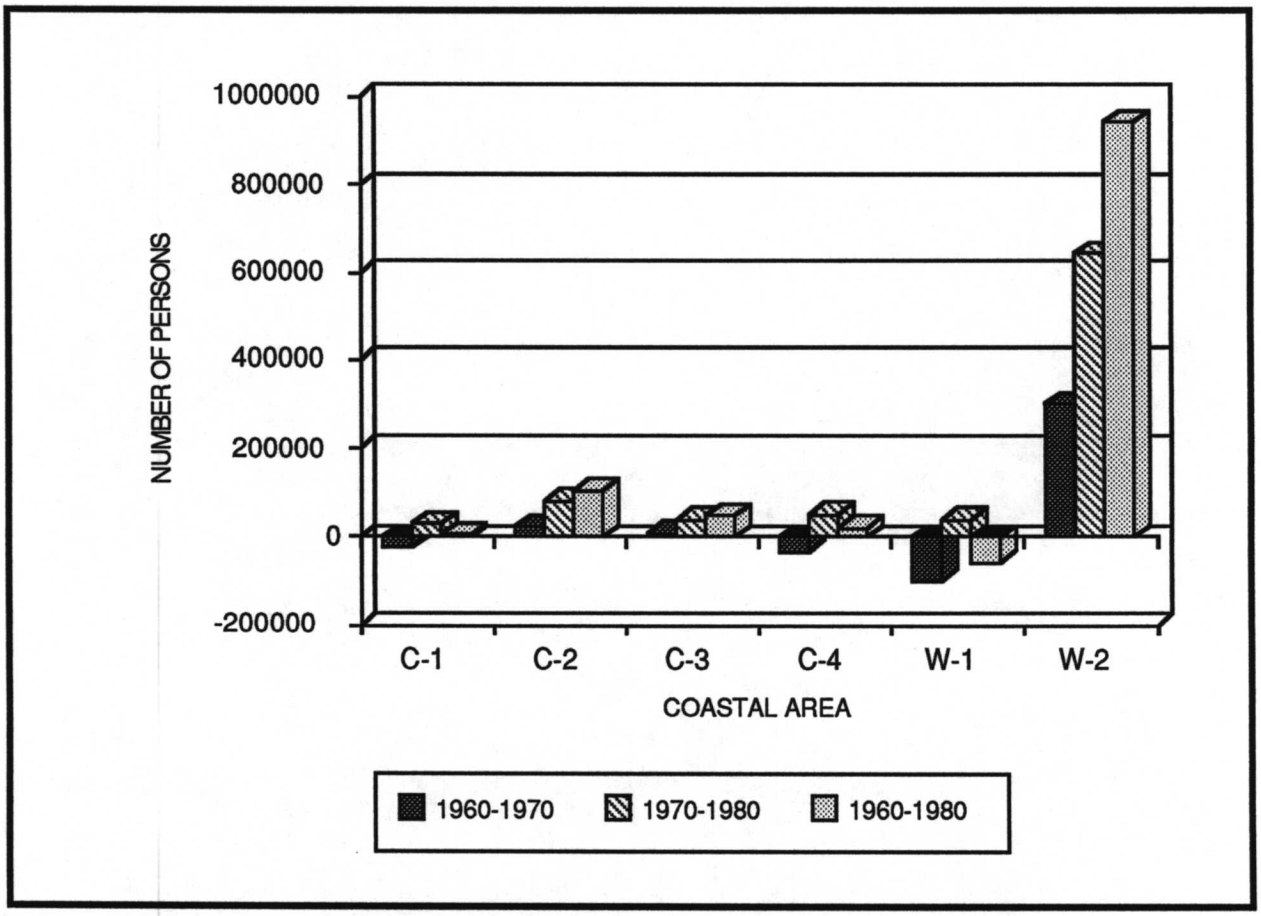


Figure 3. Net migration by coastal area 1960-1970, 1970-1980 and 1960-1980

The lower Texas coastal area (W1) had a negative net migration of 97,274 persons. The Alabama and Mississippi coastal area (C4) recording a negative net migration of 30,985 persons, and the southwestern Louisiana coastal area (C1) experienced a negative net migration of 24,253 persons.

The three coastal areas with positive net migrations ranged from a low of 7,491 in the southeastern Louisiana coastal area (C3) to a high in the upper Texas coastal area (W2) with a net migration of 300,293 persons. The central Louisiana coastal area (C2) had a positive net migration of 24,007 persons.

Changes from 1970-1980 - The net migration for the study area between 1970 and 1980 amounted to 887,577. All six coastal areas experience a positive net migration during the decade of the 1970s.

Coastal area W2, the upper southeastern Texas coast, experienced the largest net migration (643,269). Net migration figures in descending order for individual coastal areas were: coastal area C2, the central Louisiana coast, 80,956; coastal area C4, the Mississippi and Alabama coast, 53,331; coastal area C3, the southeastern Louisiana coast, 40,139; coastal area W1, the lower Texas coast, 39,298; and coastal area C1, the southwestern Louisiana coast, 30,584.

4. Race

Note: Differences in classification between the 1980 census and the 1970 census population totals by race seriously affect the comparability for certain groups, especially Spanish origin persons. In the 1970 census, most persons who self-reported race using the "other" category and wrote a Spanish designation were reclassified as "white". Such persons were not reclassified as "white" in the 1980 census.

1980 - Whites are the predominant racial group in the region. Of the 7,477,124 people in the study area, 5,460,251 (73.03%) were classified in the 1980 census as white (See Figure 4).

Coastal area W1, the lower Texas coast, had the highest proportion of white population (571,961 white out of a total population of 712,633 or 80.26%). Coastal area C3, the southeastern Louisiana coast, had the lowest proportion of white population (794,339 white from a total of 1,213,122 or 65.48%).

Coastal area C1, southwestern Louisiana, also demonstrated a deviation from the average total area population with a white population of 78.41 percent. The central Louisiana coastal area (C2), the Mississippi and Alabama coastal area (C4) and the upper Texas coastal area (W2) had racial population proportion similar to overall study area.

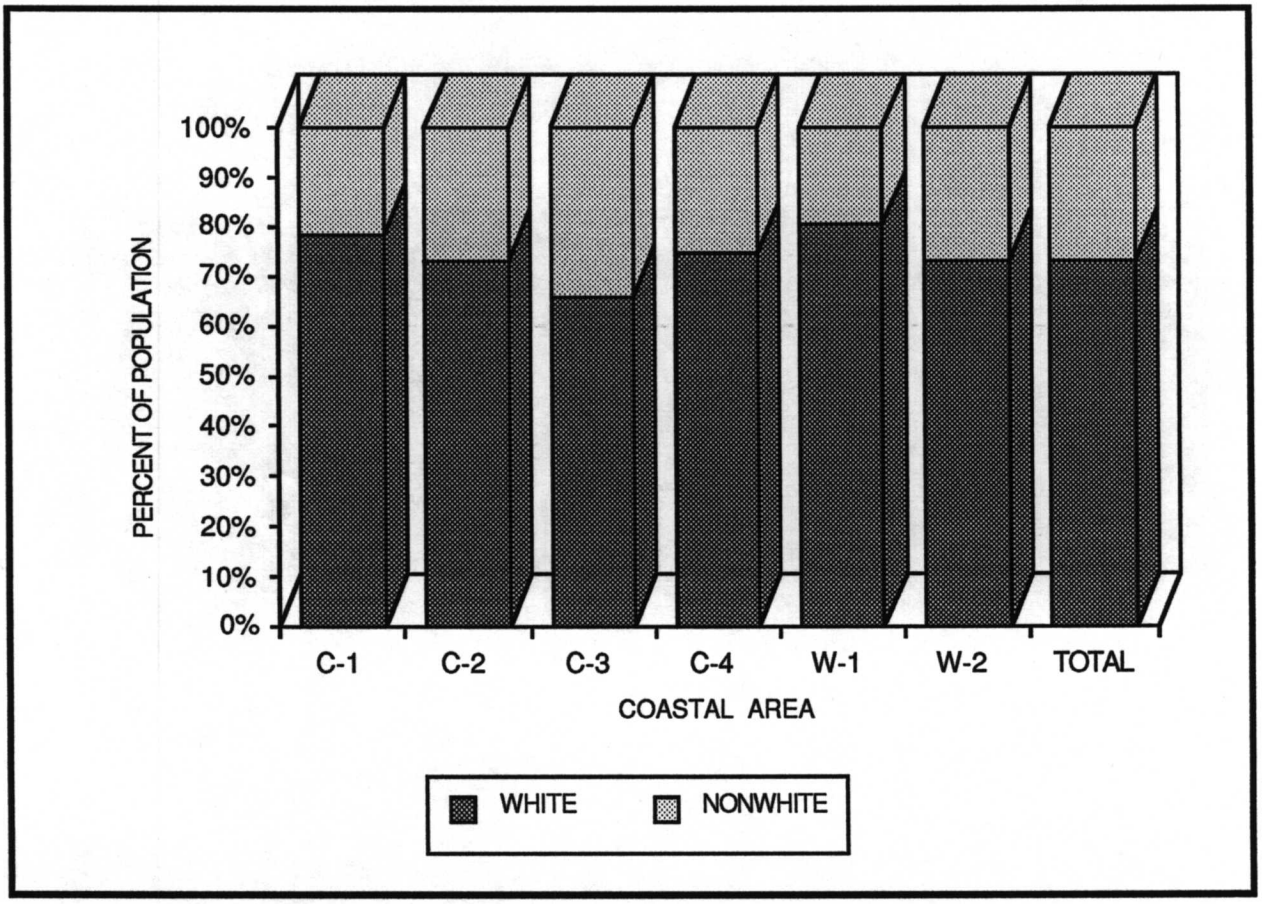


Figure 4. Population by race by coastal area, 1980

Changes from 1960-1970 - The percent change in the number whites and nonwhites in the study area from 1960 to 1970 was about equal (20.88 percent change in the white population and 20.42 percent for the non-white population). The amount of change varied substantially within individual coastal areas.

Coastal area C2, the central Louisiana coast, showed a 30.31 percent change among whites and a 12.72 percent change in the nonwhite population. The lower Texas coastal area of W1 experienced the most significant change. A change of only 1.63 percent was experienced in the white population while the non-white population realized a change of almost 22.84 percent.

Changes from 1970-1980 - During the 1970s, the nonwhite population increased at a greater rate than the white population. Although the racial composition of the region remained predominantly white, the increase in the nonwhite population increased by 56.72 percent compared to an increase among whites of only 19.75 percent. The rate of increase among

nonwhites was greatest in the two western-most coastal areas (431.00 percent in W1, the lower Texas coastal area and 81.86 percent in W2, the upper Texas coast). The large increase in nonwhite population between the 1970 and 1980 is likely an artifact associated with the change in census categorization of Spanish origin persons.

Changes from 1960-1980 - The white population in the study area increased by 44.76 percent compared with a change among nonwhites of 88.72 percent during the twenty years from 1960 to 1980.

Coastal area W1, the lower Texas coast experience the most pronounced change with 552.29 percent increase in nonwhite population compared to only a 5.48 percent change in the white population. Coastal area W2, the upper Texas coast, also experienced a notable change in both the nonwhite population (increase of 141.35 percent) and the white population (67.40 percent increase). As previously noted, the large increase in nonwhite population is likely an artifact of the change in census categorization of Spanish origin persons. Coastal area C3, southeast Louisiana, also had an increase in nonwhite population which exceeded the increase among whites (46.23 percent and 23.48 percent respectively).

In three of the remaining coastal areas, the percent change in the white population was slightly higher than that of the nonwhite population. Coastal area C1, southwest Louisiana, showed a change in the white population of 34.10 percent and 33.44 percent for the nonwhite population. Statistics for coastal area C2, the central Louisiana coast, recorded a percent change of 62.36 percent in the white population compared with 47.36 percent for the nonwhite population. Coastal area C4, the Alabama and Mississippi coast, experienced a 35.55 percent change in the white population and a 32.22 percent in the non-white population.

5. Gender

1980 - Data from the 1980 census indicate that more females than males reside in the study area (3,793,045 females and 3,684,079 males). The number of females exceeded that of males in all six coastal areas.

Changes from 1960-1980 - The increase in male (54.48 percent) and female (54.44 percent) populations was the same over the twenty years beginning in 1960.

6. Age

1980 - Of the 1980 total population of 7,477,124 persons, 2,339,090 were under age eighteen, 4,555,741 were between the ages of 18 and 64, and 582,293 were aged 65 or over.

The highest percentage of working age persons (age 18-64) was in coastal area W2 which includes Houston, Texas. The 2,216,426 persons of working age comprise 62.73 percent of the population in W2. In contrast, the coastal area with the lowest percentage of working age persons was C1, the southwestern Louisiana coast, where the 262,455 persons aged 18-64 made up 59.81 percent of the population (Figure 5).

Changes from 1960-1970 - The study area population increased by 20.78 percent between 1960 and 1970. The 65 and over age group experienced the highest increase (40.53 percent) while the under 18 age group had the lowest increase (14.68 percent).

The number of persons under age 18 within the lower Texas coast (coastal area W1) decreased by 7.13 percent. Coastal areas experiencing a lower than average increase in population under age 18 included C1, the southwestern Louisiana coast, 6.54 percent; C3, southeastern Louisiana, 12.92 percent; and C4, the Mississippi and Alabama coast, 4.64 percent. Coastal area C2, the central Louisiana, experienced a 18.06 percent increase while W2, the upper Texas coast, had a 26.34 percent change.

The population among persons of traditional working age (age 18-64) increased in all six coastal areas. Higher than average increases occurred in the central Louisiana coast area (C2) and the upper Texas coast area (W2).

The three western-most coastal areas (W1, W2 and C1) had higher than average increases in population age 65 and over. The population increase in persons 65 and over exceeded that of the other two age groups in all six coastal areas.

Changes from 1970-1980 - The attraction of working age people to the study area strengthened considerably during the boom decade of the

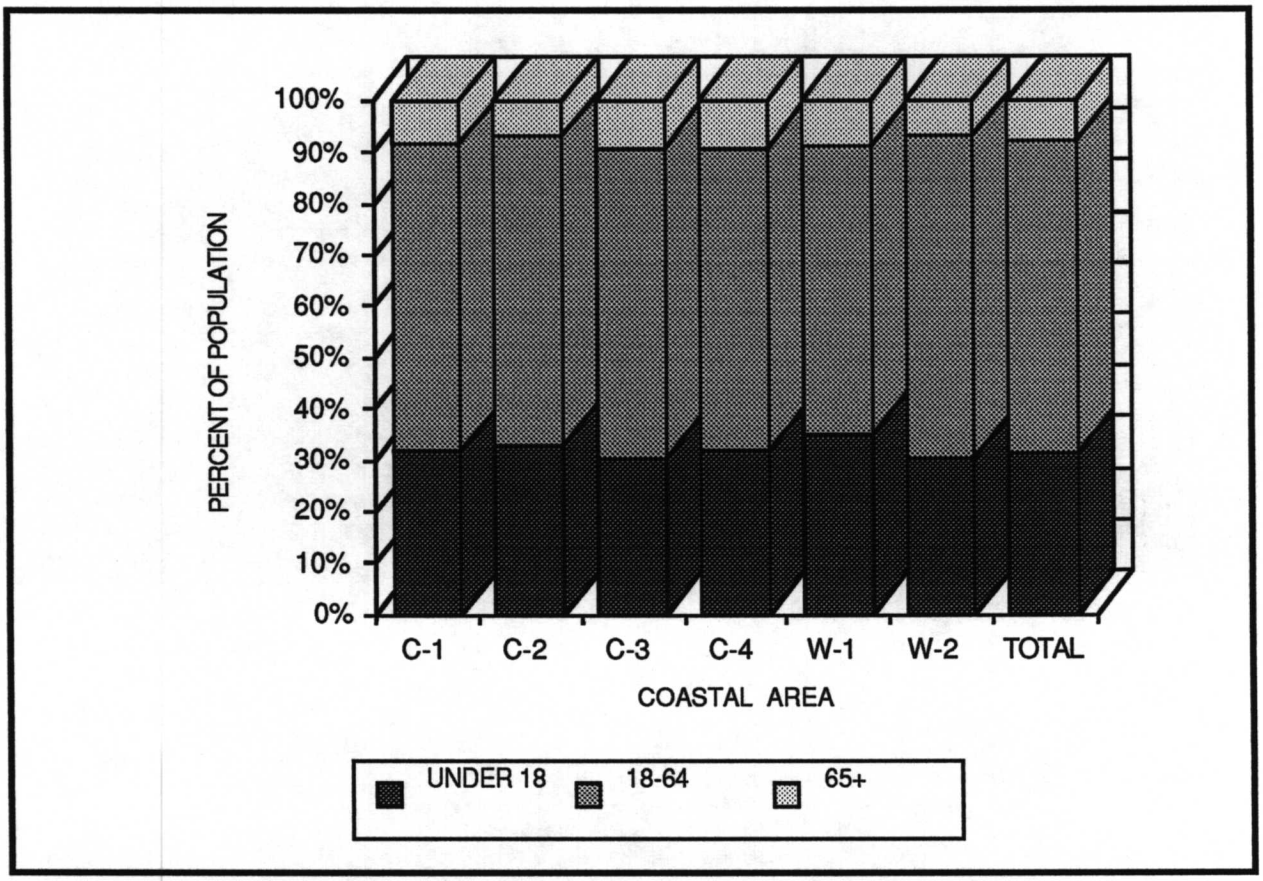


Figure 5. Population by age by coastal area, 1980

1970s. The population age 18-64 increased by 41.42 percent. Total population in the study area increased by 27.88 percent. The highest increase was in the 65 and over age group which grew by 42.36 percent.

The population age under 18 only grew by 5.54 percent. Only the two coastal areas in Texas (W1 and W2) experienced above average increases in the under 18 age population (6.38 percent and 14.01 percent respectively).

The upper Texas coast area (W2) experienced the highest percentage change (53.26 percent) in population age 18-64. Coastal area W2 was the only coastal area where the percentage change in the 18-64 age category exceeded that of persons in the 65 and over group. Coastal area C3, the southeastern Louisiana coast, had the lowest percent change (24.61 percent) in the 18-64 age group.

Changes from 1960-1980 - During the twenty years between 1960 and 1980, the study area population increased by 54.46 percent. The

population age 65 and over population doubled (an increase of 100.05 percent). The population traditionally categorized as "working age" (age 18-64) increased by 74.07 percent. The lowest growth (21.04 percent) in population was among persons under 18 years of age.

Coastal area W1, the lower Texas coast, recorded a percent change of -1.20 percent in the under 18 age population during the twenty year period. Areas C1, the southwestern Louisiana coast, C3, the southeastern Louisiana coast, and C4, the Mississippi and Alabama coast, had only slight changes ranging from 2.68 to 5.20 percent in the under 18 population. The remaining coastal areas (C2, the central Louisiana coast, and W2, the upper Texas coast) showed higher than average percent changes of 21.25 percent and 44.05 percent respectively.

The population age 18-64 more than doubled (increase of 105.28 percent) in coastal area W2, the upper Texas coast. Coastal area C2, the central Louisiana coast, was the only other coastal area to have a higher than average increase in the age 18-64 population group.

Within coastal areas of C2, the central Louisiana coast, and C3, the southeastern Louisiana coast, the population aged 65 and over grew at a rate below the study area average. Higher than average population increases for persons age 65 and over occurred in coastal areas C1, the southwest Louisiana coast; C4, the Mississippi and Alabama coast; W1, the lower Texas coast; and W2, the upper Texas coast.

7. Educational Attainment

Educational attainment data available from the census pertain to persons age 25 and over. Data were compiled by gender for the following categories:

1) persons with four years of high school;
2) persons with 1-3 years of college;
3) persons with four or more years of college; and
4) total number of persons with four years of high school (sum of the previous three groups).

The data deemed most pertinent to this study were the total number of persons that had four years of high school and the total number of persons with four or more years of college.

1980 - High School - The number of persons aged 25 and older with four years of high school in 1980 was 2,634,790 out of the study area population of 4,099,983 or 64.26 percent. The percent of population age 25 and over with four years of high school ranged from a low of 52.78 percent in coastal area W1, the lower Texas coast, to a high of 68.39 percent in coastal area W2, the upper Texas coast (Figure 6).

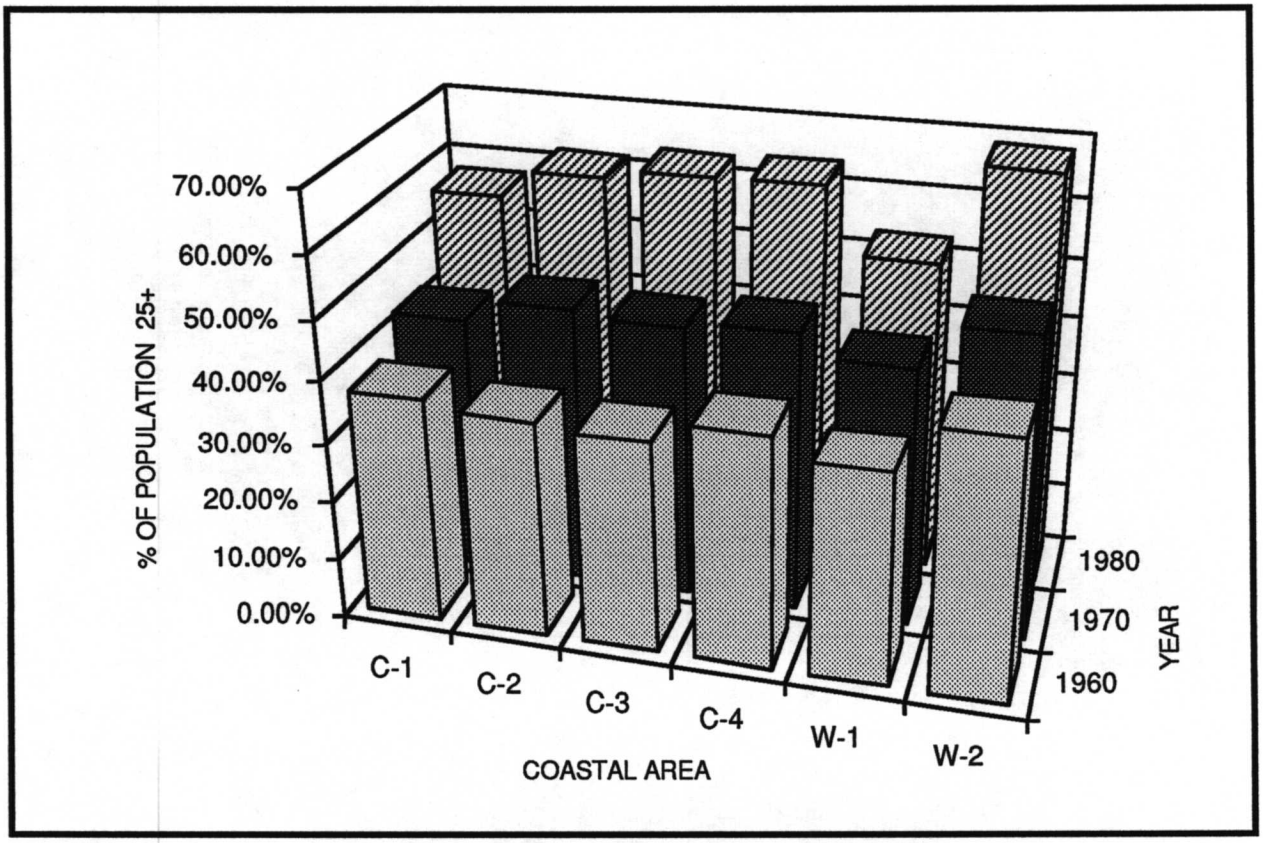


Figure 6. Population age 25+ with four years of high school by coastal area, 1960, 1970 and 1980

College - Approximately one in five (17.39 percent) of the study area population age 25 years and older in 1980 had completed four or more years of college. The highest percentage (20.35 percent) of persons with four or more years of college was in coastal area W2; the lowest (12.45 percent) was in C4 (Figure 7).

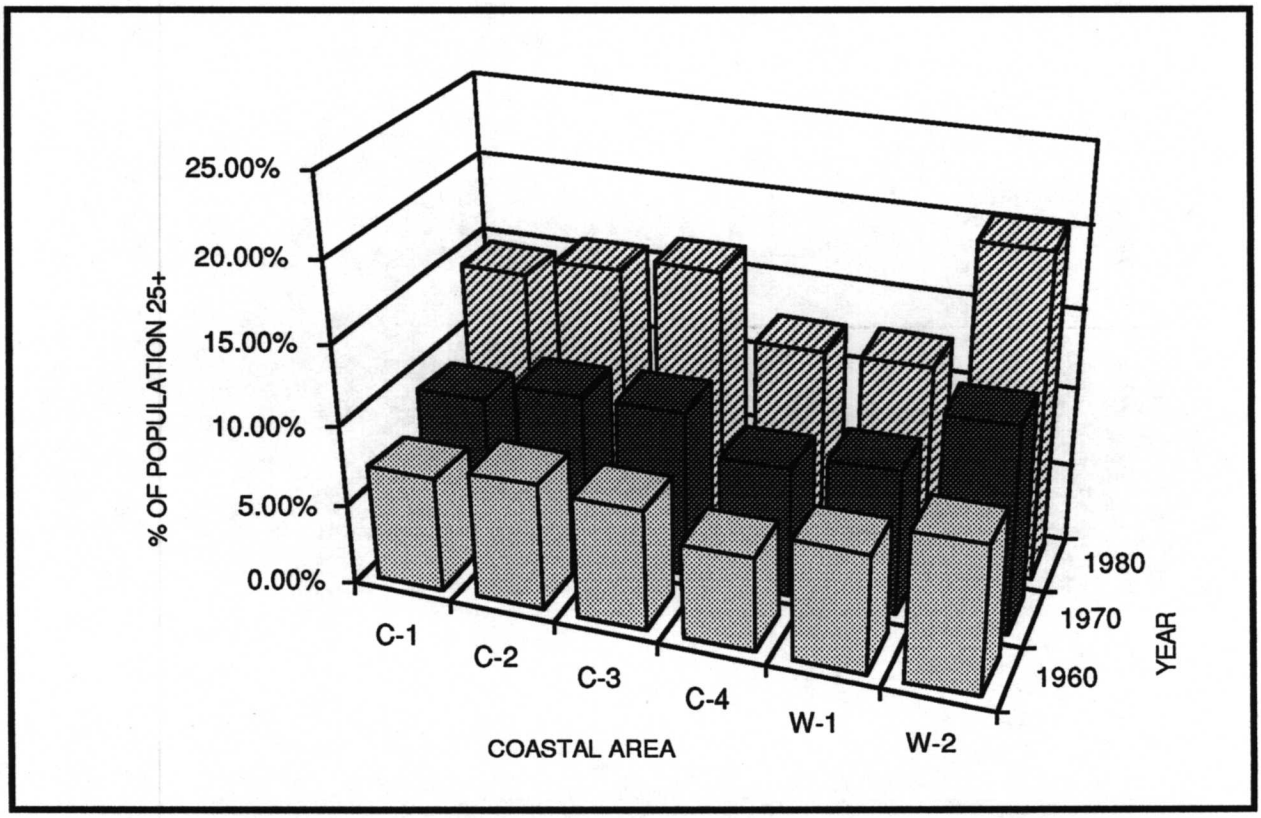


Figure 7. Population age 25+ with four or more years of college by coastal area, 1960, 1970 and 1980

Changes from 1960-1970

High School - In 1960, 956,347 out of 2,459,989 persons (38.88 percent) in the study area aged twenty-five years and older had completed four years of high school. By 1970, about half (1,396,579 out of 2,939,693 or 47.51 percent) of the persons age 25 and over had completed four years of high school.

In 1960, coastal area W2 was the only area to have more than four of ten (42.52 percent) persons age 25 and over completing four years of high school. By 1970, at least forty percent of the population age 25 and over in all coastal areas had completed four years of high school and over half (50.21 percent) of the population age 25 and over in W2 had completed four years of high school.

College - Only 8.00 percent of the persons 25 years and older in the study area had four or more years of college in 1960. That percent had increased to 11.02 percent by 1970. The percent of persons age 25 and

over having had four or more years of college increased in all six coastal areas between 1960 and 1970.

Coastal area W2, the upper Texas coast, had the highest percentage of people completing four years of college in both 1960 (9.13 percent) and in 1970 (12.79 percent). The 25 year old and over population in C4, Alabama and Mississippi coast, was the group which had the lowest percentage of members attending college for at least four years (5.81 percent and 8.02 percent for 1960 and 1970 respectively).

Changes from 1970-1980

High School - The proportion of persons aged twenty-five and over with four years of high school increased from 47.51 percent in 1970 to 64.26 percent in 1980. All six coastal area populations experienced an increase in the proportion of people attending high school for four years.

The population within coastal area W2, the upper Texas coast, continued to have the highest proportion (68.39 percent) attending high school for four years. The neighboring coastal area, W1, had the lowest proportion (52.78 percent).

College - The percentage of persons 25 years and older in the study area with four or more years of college increased from 11.02 percent in 1970 to 17.39 percent in 1980. All coastal area populations had an increase in people attending college for four or more years. People in coastal area W2 were most likely to have attended college for four or more years; those in C4 were least likely.

Changes from 1960-1980

High School - The percent of people age 25 and over having four years of high school grew from 38.88 percent in 1960 to 64.26 percent in 1980. This progression of growth occurred in all six coastal areas. The population within coastal area W2 continually exceeded that of the other areas in terms of people with four or more years of high school.

College - The proportion of persons 25 years and older with four or more years of college more than doubled from 1960 (8.00 percent) to 1980 (17.39 percent). Coastal area W2 had the highest percentage of people with four or more years of college for 1960, 1970 and 1980.

8. Labor Force Participation

Persons age 16 and over are included in the labor force if they had a job or business, were on layoff, or were available for and actively seeking work. Although an extensive array of labor force participation data are available, attention in this section is given to the number of persons in the labor force and unemployment within the labor force. These information presented in this section are based self-reported data compiled for the respective decennial censuses. Labor force statistics are presented in terms of people rather than jobs and are based on each person's place of residence.

1980 - The 1980 civilian labor force unemployment rate for the study area was 4.71 percent (163,941 out of 3,480,664 persons)(Figure 8). Unemployment among the 1,400,529 females in the work was 5.30 percent compared to an unemployment rate of 4.31 percent among the 2,080,135 labor force males.

Coastal area C4, the Alabama and Mississippi coast, recorded the highest unemployment rate (7.62 percent) in the study area, while coastal area W2, the upper Texas coast, recorded the lowest unemployment rate (3.70 percent) in the study area. The unemployment rate for females in the civilian labor force was higher than that for males in all coastal areas.

Changes from 1960-1970 - In 1960, the civilian labor force consisted of 1,187,126 males and 542,280 females. The unemployment rate for the study area was 5.44 percent (Figure 9). By 1970, the civilian labor force had increased to 2,190,959 (1,409,550 males and 781,409 females) and unemployment had dropped to 4.13 percent. Although the labor force had increased by 26.69 percent (17.53 percent for males and 44.10 percent for females), fewer workers were unemployed in 1970 compared to 1960 (Figure 10).

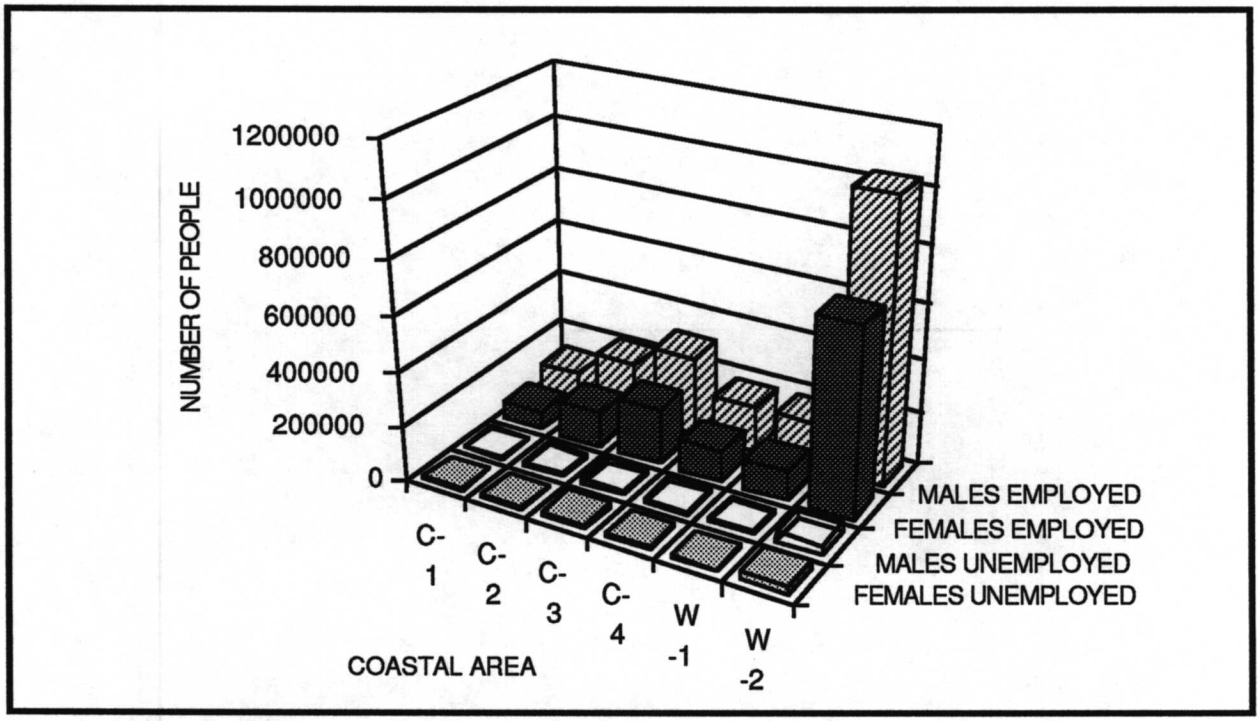


Figure 8. Civilian labor force by coastal area, 1980

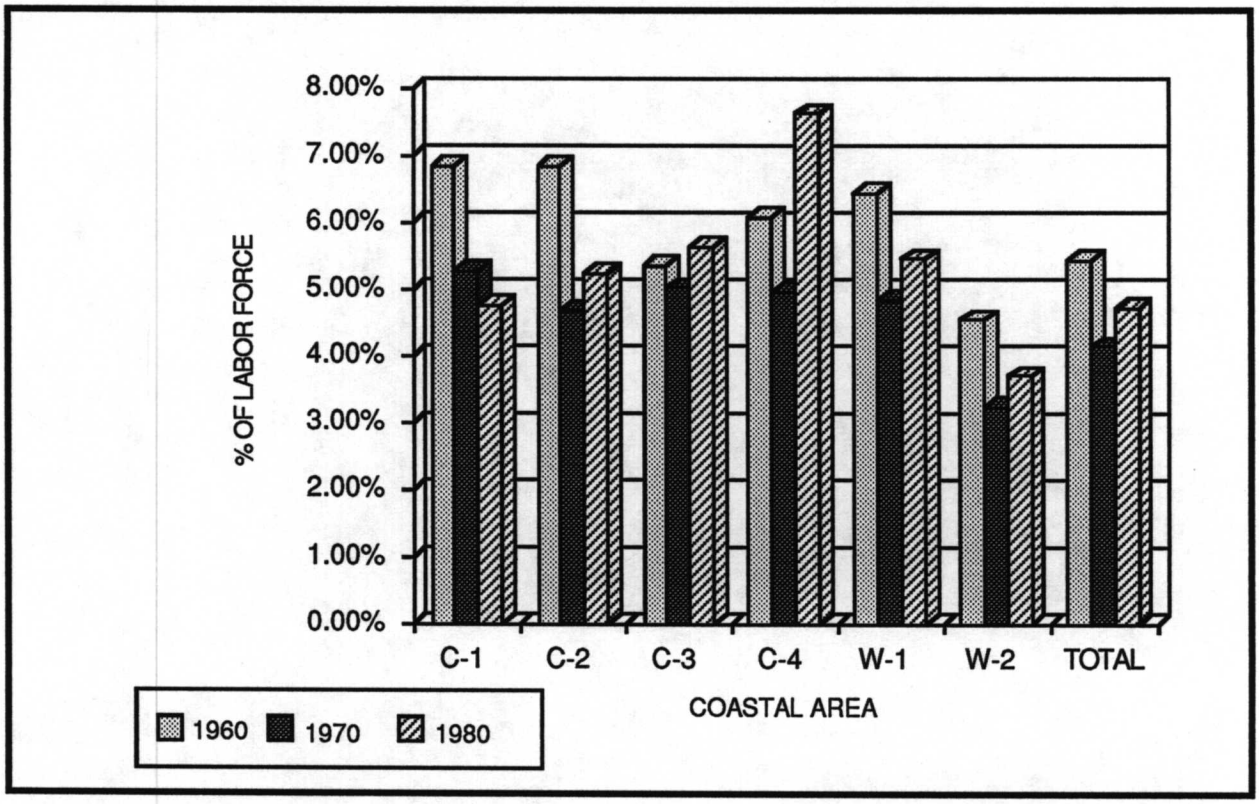


Figure 9. Civilian labor force unemployment, by coastal area, 1960, 1970 and 1980

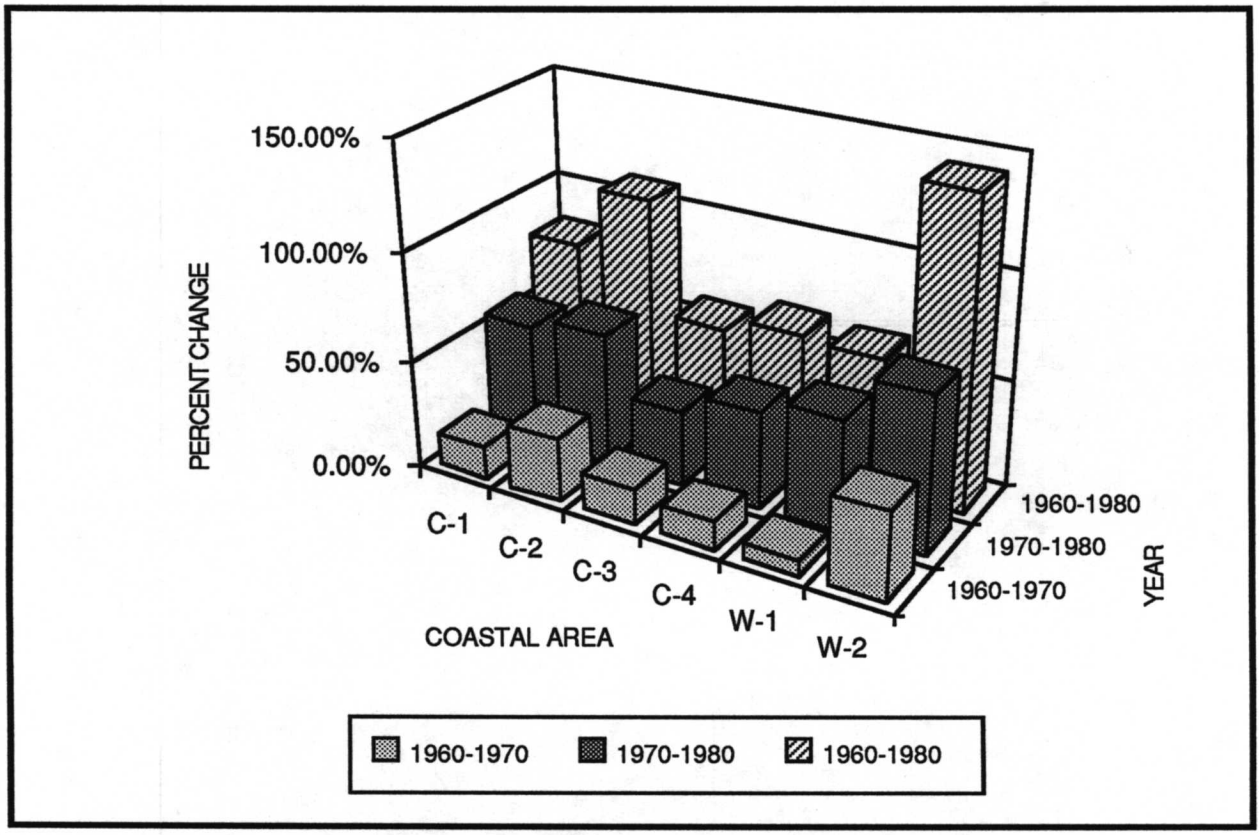


Figure 10. Percent change in size of the civilian labor force by coastal area, 1960-1970, 1970-1980 and 1960-1980

The size of the civilian labor force increased in all six coastal areas within the study area. Coastal areas that experienced higher than average increases between 1960 and 1970 included C2, the central Louisiana coast (29.43 percent) and W2, the upper Texas coast (40.51 percent). The growth of the civilian labor force in coastal area W1, the lower Texas coast, was the lowest (7.00 percent) in the study area.

Changes from 1970-1980 - During the decade of the 1970s the civilian labor force grew at a rate more than double that experienced in the 1960s. By 1980, the civilian labor force totaled 3,480,664 (2,080,135 male and 1,400,529 female) which represented a 58.86 percent increase in size since 1970. The increase among females in the civilian labor force was 79.23 percent while the increase among males was 47.57 percent.

Unemployment among the civilian labor force increased from 4.13 percent in 1970 to 4.71 percent in 1980. Of the six coastal areas within the study area, only C1 experienced a decrease in unemployment for 1970 (5.28 percent) compared to 1980 (4.77 percent).

Changes from 1960-1980 - Between 1960 and 1980, the size of the civilian labor force in the study area increased by 101.26 percent. The number of females in the labor force increased by 158.27 percent compared to an increase of 75.22 percent for males. Unemployment among the civilian labor force decreased from 5.44 percent in 1960 to 4.71 percent in 1980. Unemployment among males decreased from 5.64 percent in 1960 to 4.31 percent in 1980 while the unemployment rate among females increased from 5.00 percent to 5.30 percent.

The lowest unemployment (3.70 percent in 1980) and the highest increase in the civilian labor force (141.87 percent) occurred in W2, the upper Texas coast. In 1970, the unemployment rate among males in coastal area W2 was only 2.60 percent, and by 1980, the rate was only 3.45 percent. From 1960 to 1980, the number of males in the civilian labor force in W2 had increased by 109.74 percent and the increase for females was 212.84 percent.

9. Jobs by Major Industry

The number of jobs (full-time and part-time) by major industry were derived from data collected by the U. S. Department of Commerce, Bureau of Economic Analysis (BEA). Unlike labor force data from the census, jobs are assigned geographically by county or parish to the place where the work is performed. The person occupying a particular job may or may not reside within the county or parish where the job is located. Mining jobs were of particular concern since oil and gas activity jobs are generally classified as "mining".

1980 - Approximately one in five (21.19 percent) of the jobs in the study area in 1980 were in the services industry. Other industries which accounted for ten or more percent of all jobs included: retail trade (15.83 percent), government (14.09 percent), and manufacturing (13.47 percent).

Over half (50.72 percent) of the 3,884,539 jobs in the study area were in coastal area W2, the upper Texas coast which includes the Houston metropolitan area (Figure 11). Coastal area C1, the southwest Louisiana coast, had the lowest percentage (6.01 percent) of all jobs in the study area, but the highest intensity of mining jobs.

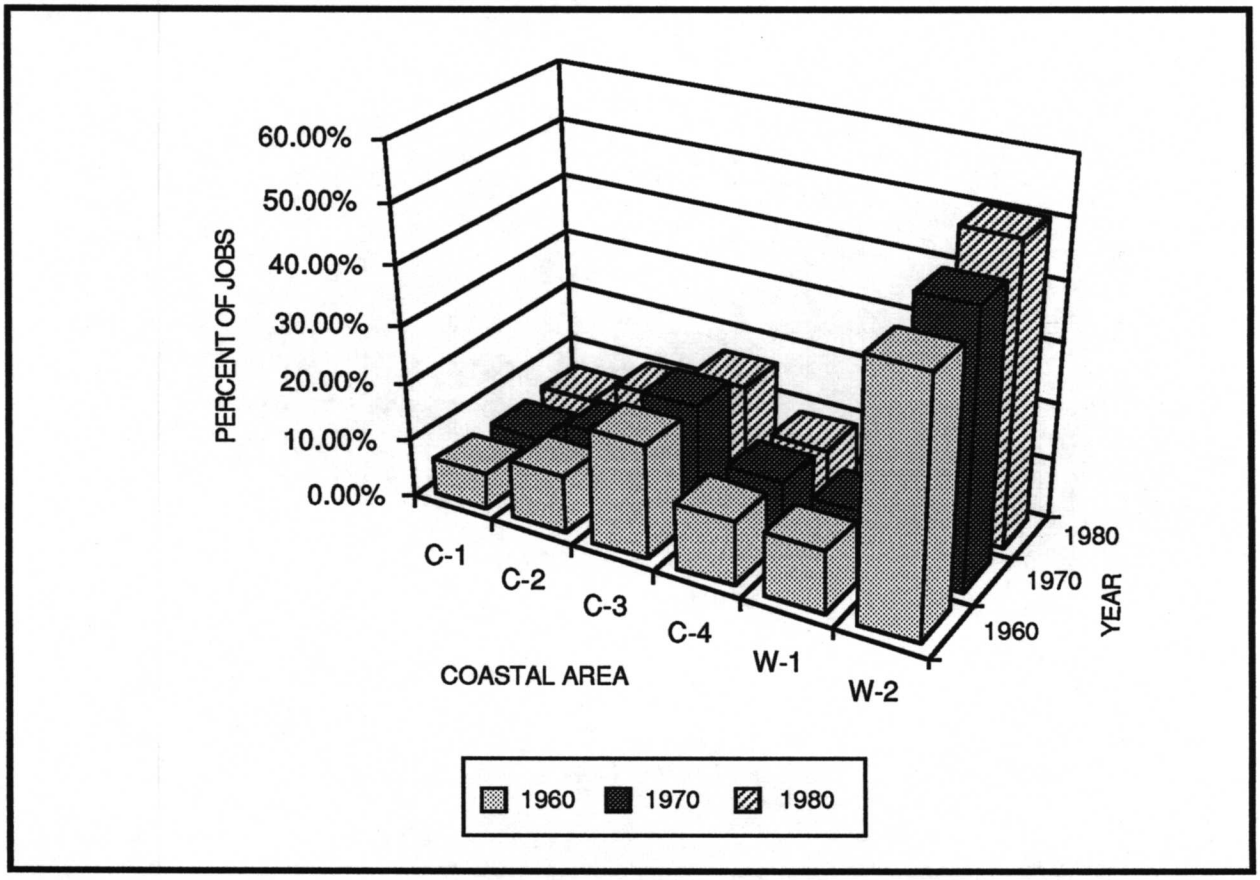


Figure 11. Percent of jobs in study area by coastal area, 1960, 1970 and 1980

The 189,262 mining industry jobs in the study area accounted for 4.87 percent of all jobs in 1980. In coastal area C1, 11.67 percent of all jobs were mining industry jobs (Figure 12). Only 0.45 percent of the jobs in coastal area C4, the Alabama and Mississippi coast, were mining sector jobs.

Changes from 1960-1970 - Between 1960 and 1970 the number of jobs in the study area increased by 58.97 percent (from 1,562,799 to 2,484,438) (Figure 13). Higher than average growth was experienced in the following major industries: government (180.82 percent); wholesale trade (112.32 percent); finance, insurance and real estate (88.46 percent); mining (66.99 percent); and services (60.62 percent).

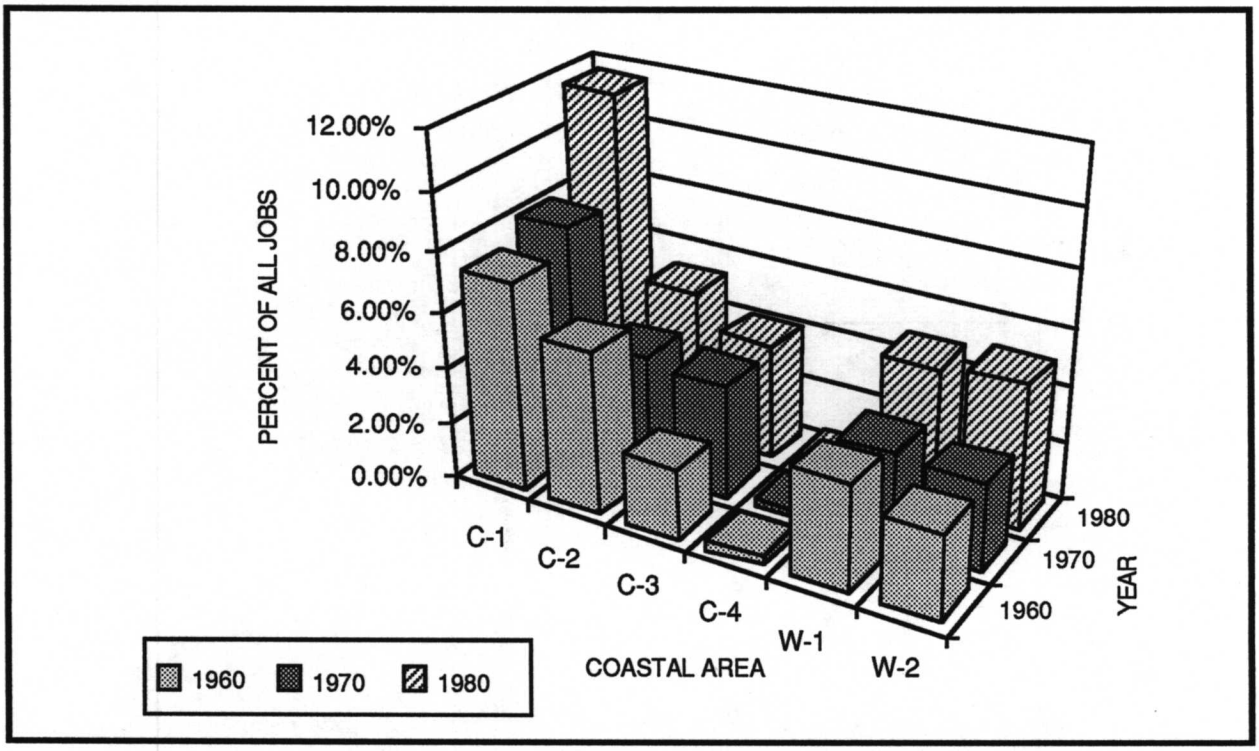


Figure 12. Mining jobs as a percent of all jobs by coastal area, 1960, 1970 and 1980

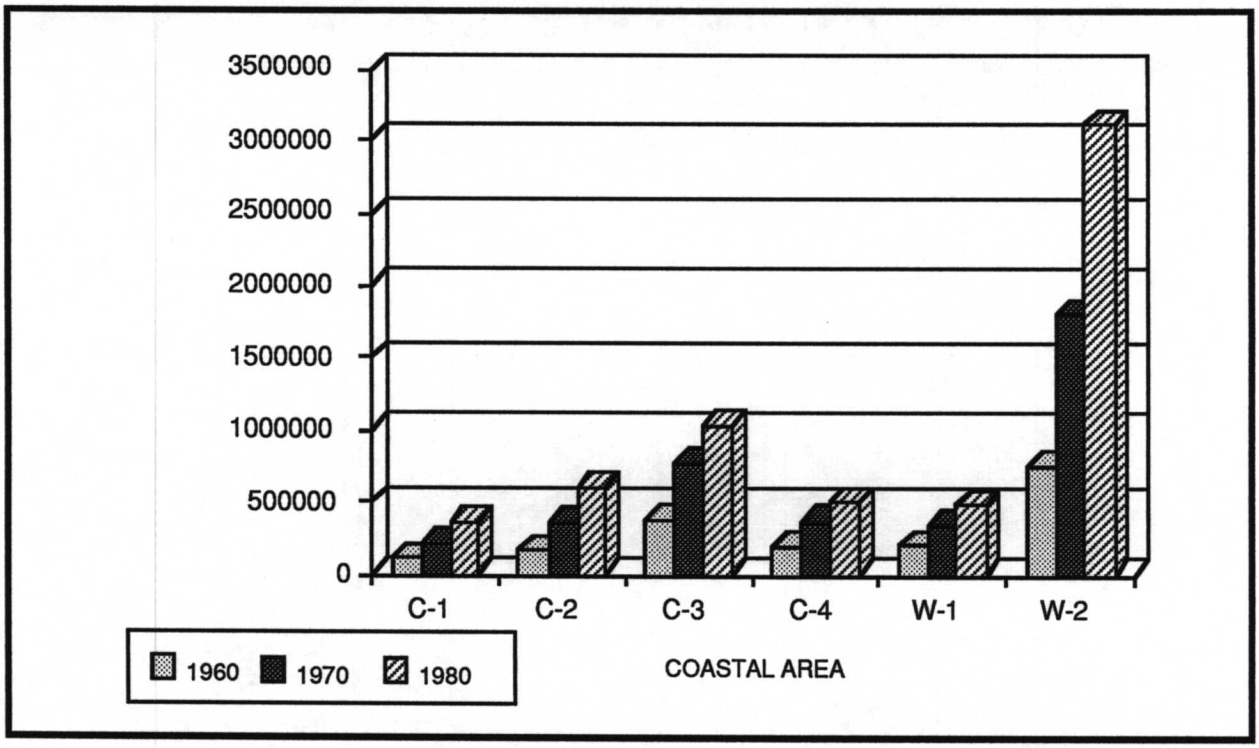


Figure 13. Total number of jobs by coastal area, 1960, 1970, and 1980

The 71.34 percent increase in the number of jobs in coastal area W2 exceeded the study area average. Although all other coastal areas experienced an increase in jobs, the rate of increase was below the study area average of 58.97 percent.

The growth in mining industry jobs between 1960 and 1970 was most pronounced in coastal area C3 (increase of 156.94 percent), southeast Louisiana including the New Orleans metropolitan area, and coastal area W2 (75.25 percent), the upper Texas coast (Figure 14). The number of mining industry jobs in C4, the Alabama and Mississippi coast, decreased by 7.85 percent during the 1960s.

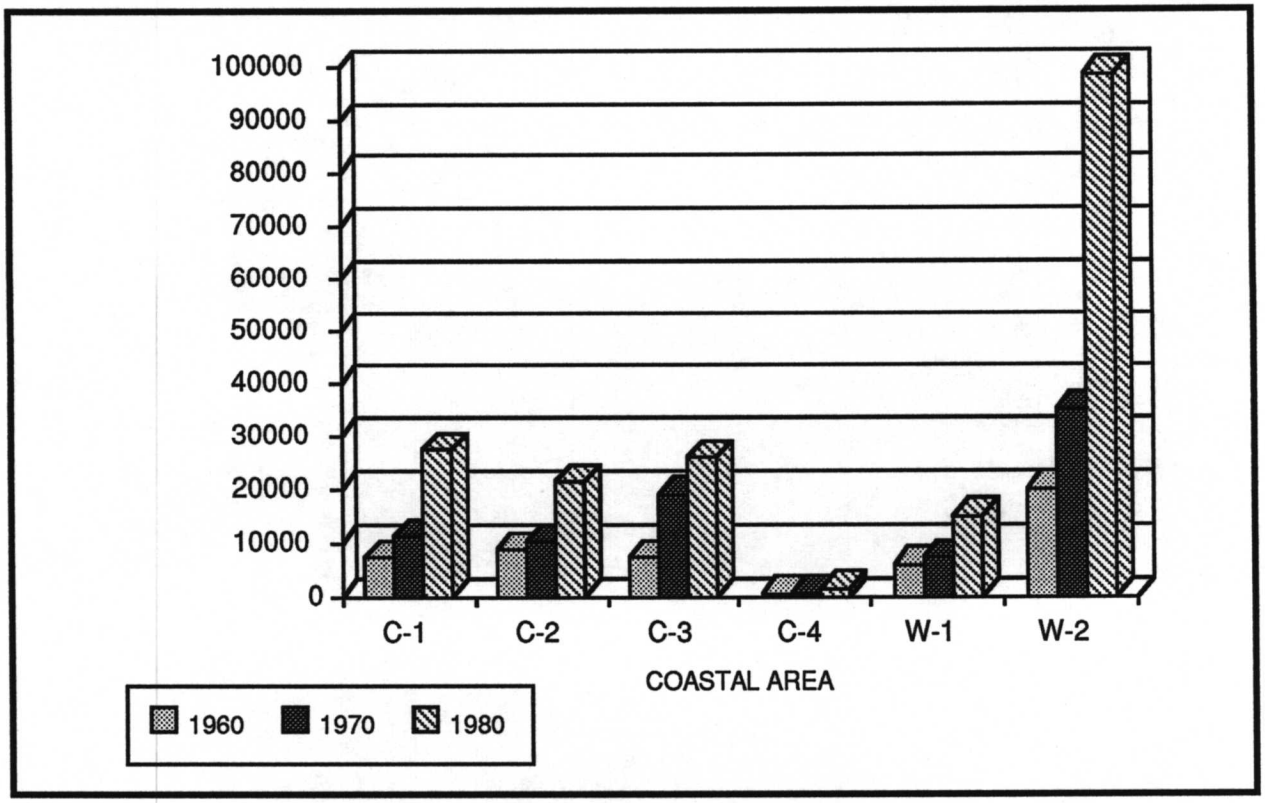


Figure 14. Number of mining industry jobs, by coastal area, 1960, 1970 and 1980

Changes from 1970-1980 - The number of jobs in the study area grew by 56.35 percent from 1970 to 1980. Higher than average increases in jobs between 1970 and 1980 occurred in W2 (71.90 percent), the upper Texas coast, C1 (68.24 percent), southwest Louisiana, and C2 (64.54 percent), the central Louisiana coastal area.

Mining industry jobs increased by 126.54 percent (Figure 14). The highest percentage growth (187.31 percent) in mining industry jobs occurred in C4, the Alabama and Mississippi coast, where the number of jobs increased from 528 in 1970 to 1,517 in 1980. Mining industry jobs in the upper Texas coast, coastal area W2, increased by 180.52 percent (from 35,124 to 98,529).

Changes from 1960-1980 - Between 1960 and 1980, the number of jobs in the study area increased from 1,562,799 to 3,884,539 (an increase of 148.56 percent). Only the increase in government jobs (278.33 percent) exceeded the growth of mining industry jobs (278.31 percent increase).

10. Earnings by Major Industry

1980 - Earnings from the 3,884,539 jobs in the study area in 1980 amounted to $66,115,510,000. Manufacturing jobs were responsible for 19.26 percent of the earnings within the area. Service industry jobs accounted for 17.68 percent of total earning. Mining industry jobs (4.87 percent of all jobs) generated 7.89 percent of total area earnings.

Over half (55.57 percent) of the total earnings were in coastal area W2, the upper Texas coast (Figure 15). W2 was the only coastal area within the study area where the proportion of earnings was greater than the proportion of jobs.

Earnings associated with mining industry jobs was most pronounced in coastal area C1, southwest Louisiana, where 16.87 percent of all earnings came from mining jobs (Figure 16). Mining jobs produced only 0.77 percent of earnings in coastal area C4, the Alabama and Mississippi coast, where manufacturing contributed to 25.85 percent of earnings.

Changes from 1960-1980 - The 148.56 percent increase in jobs in the study area was accompanied by a 159.48 percent increase in earnings. The percentage increase in earnings exceeded the increase in jobs in coastal areas C1, southwest Louisiana, C2, central Louisiana, and W2, upper Texas coast.

Across the study area, earnings from mining industry jobs increased by 237.06 percent. During that same period, the number of mining jobs increased by 278.31 percent. Mining job earnings increases exceeded the growth in mining jobs in coastal areas C1, C2 and C4.

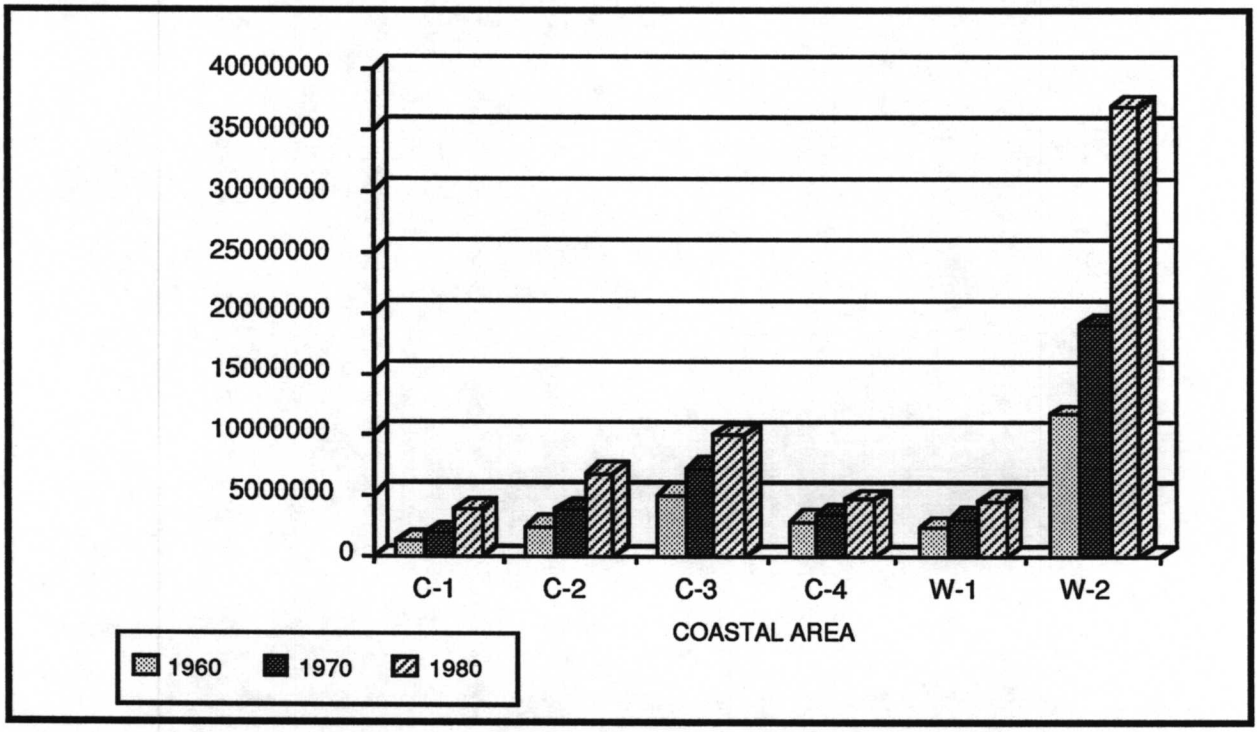


Figure 15. Total earnings by coastal area, 1960, 1970 and 1980

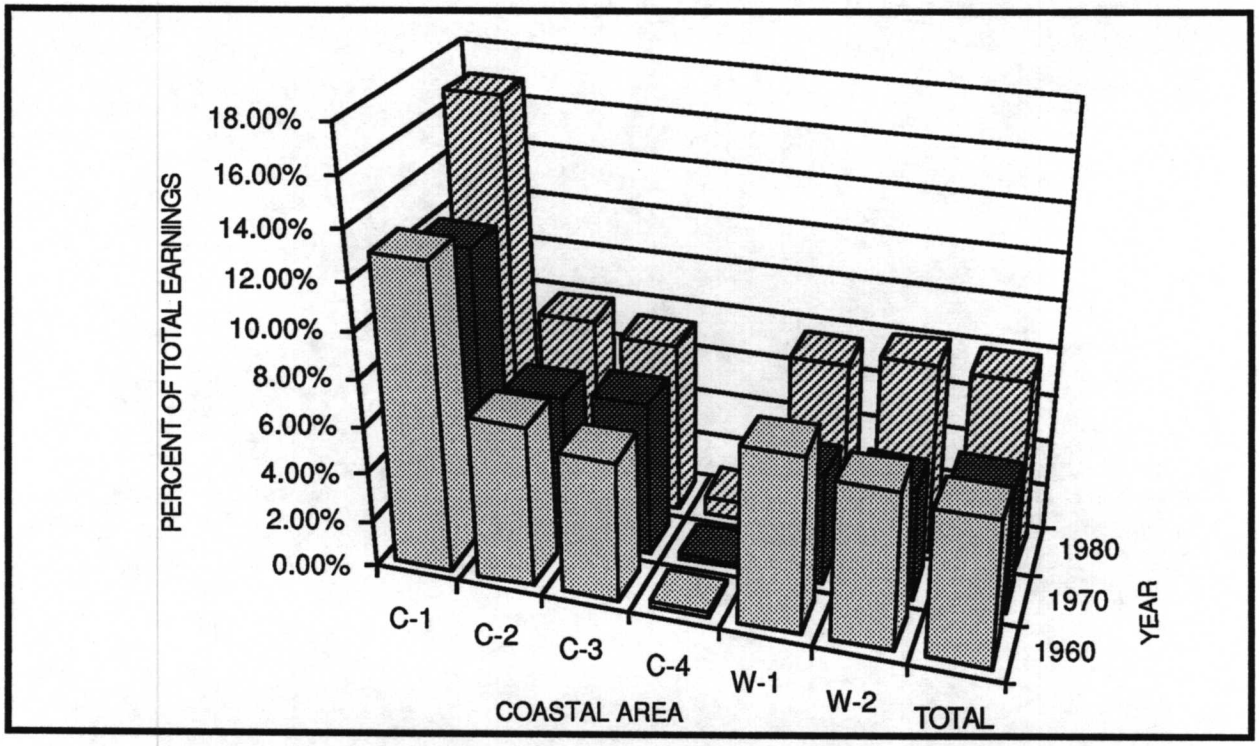


Figure 16. Mining industry job earnings as a percent of total earnings by coastal area, 1960, 1970 and 1980

11. Personal Income

1980 - The per capita income for the study area in 1980 was $10,402. The per capita income ranged from a low of $7,821 in coastal area C4, the Alabama and Mississippi coast, to a high of $11,918 in coastal area W2, the upper Texas coast (Figure 17).

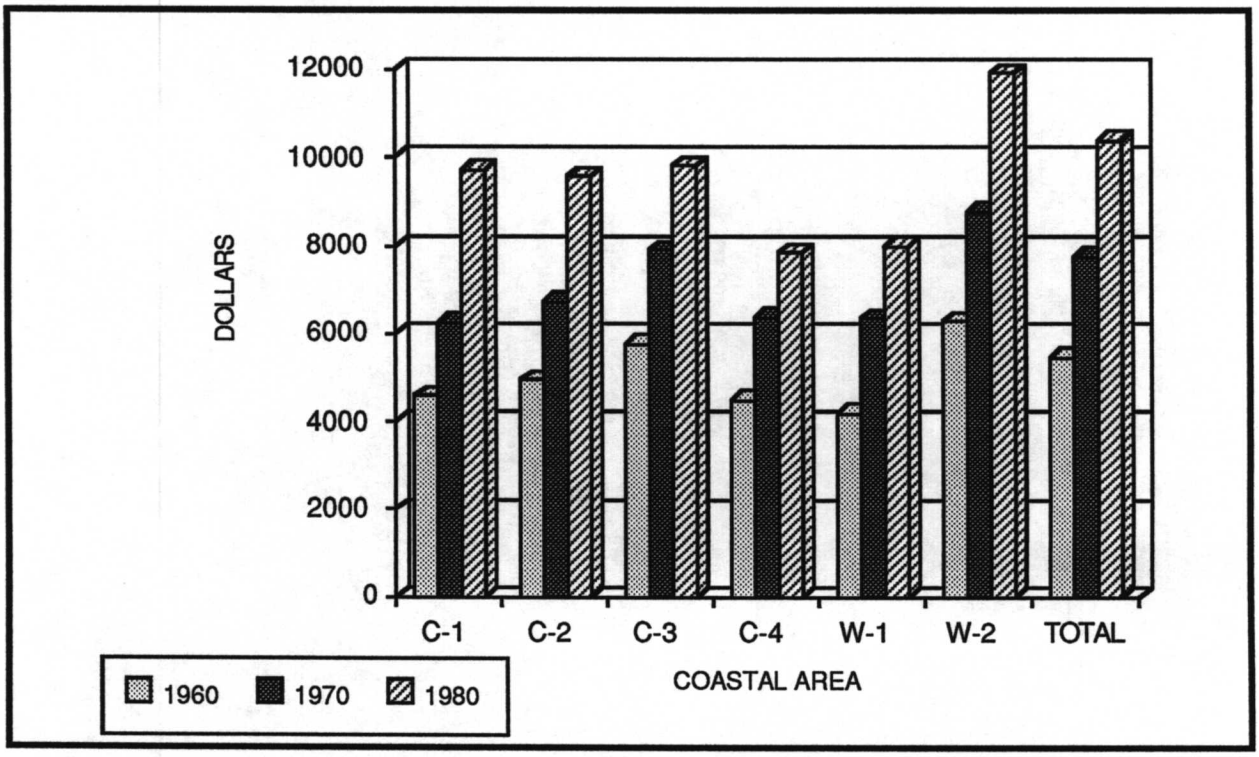


Figure 17. Per capita income by coastal area, 1960, 1970 and 1980

Changes from 1960-1980 - Per capita income in the study area increased by 90.15 percent between 1960 and 1980. The largest increase (112.08 percent) occurred in coastal area C1, the southwest Louisiana coast where the per capita income increased from $4,588 in 1960 to $9,731 in 1980 (Figure 18).

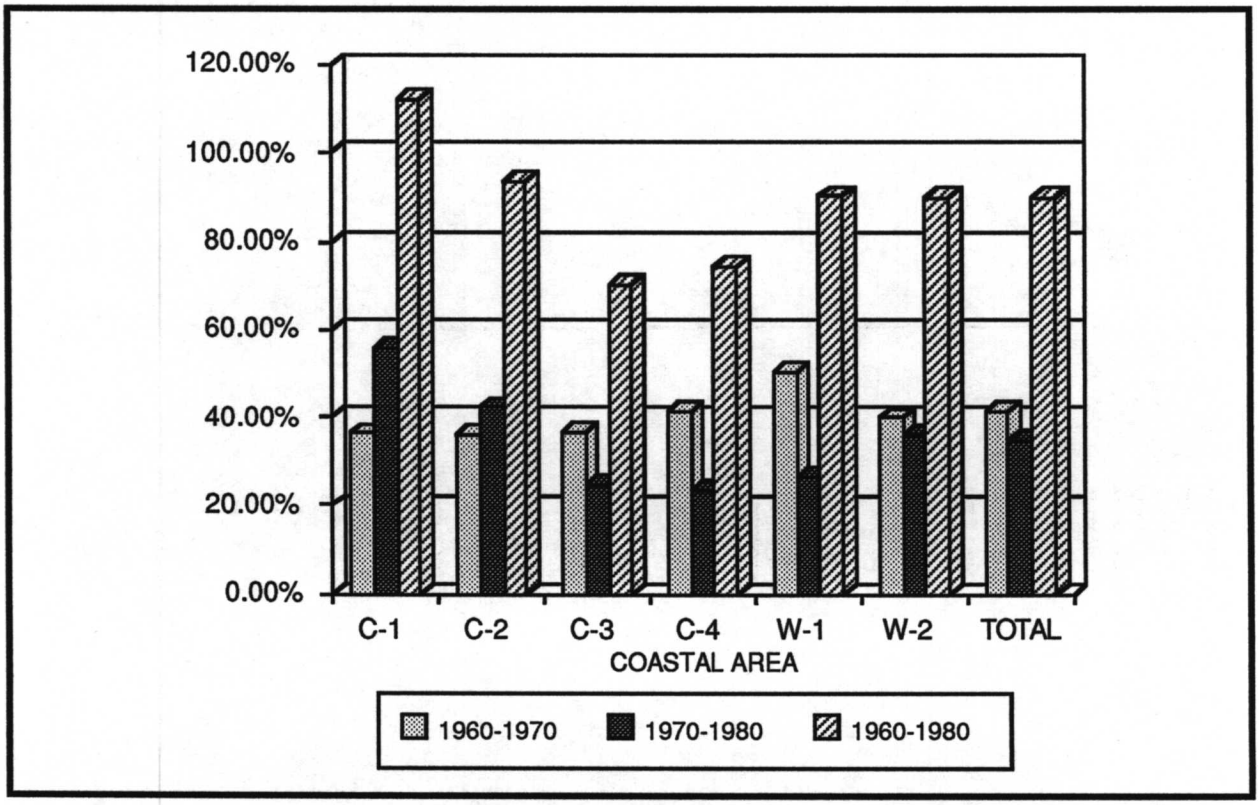


Figure 18. Percent change in per capita income, 1960-1970, 1970-1980 and 1960-1980

12. Local Government Revenue by Source

1980 - Local governments within the study area derived approximately two-thirds (66.90 percent) of their general revenue from local sources (Figure 19). Local taxes were responsible for the generation of 41.24 percent of local governmental revenue. Property taxes were used to raise

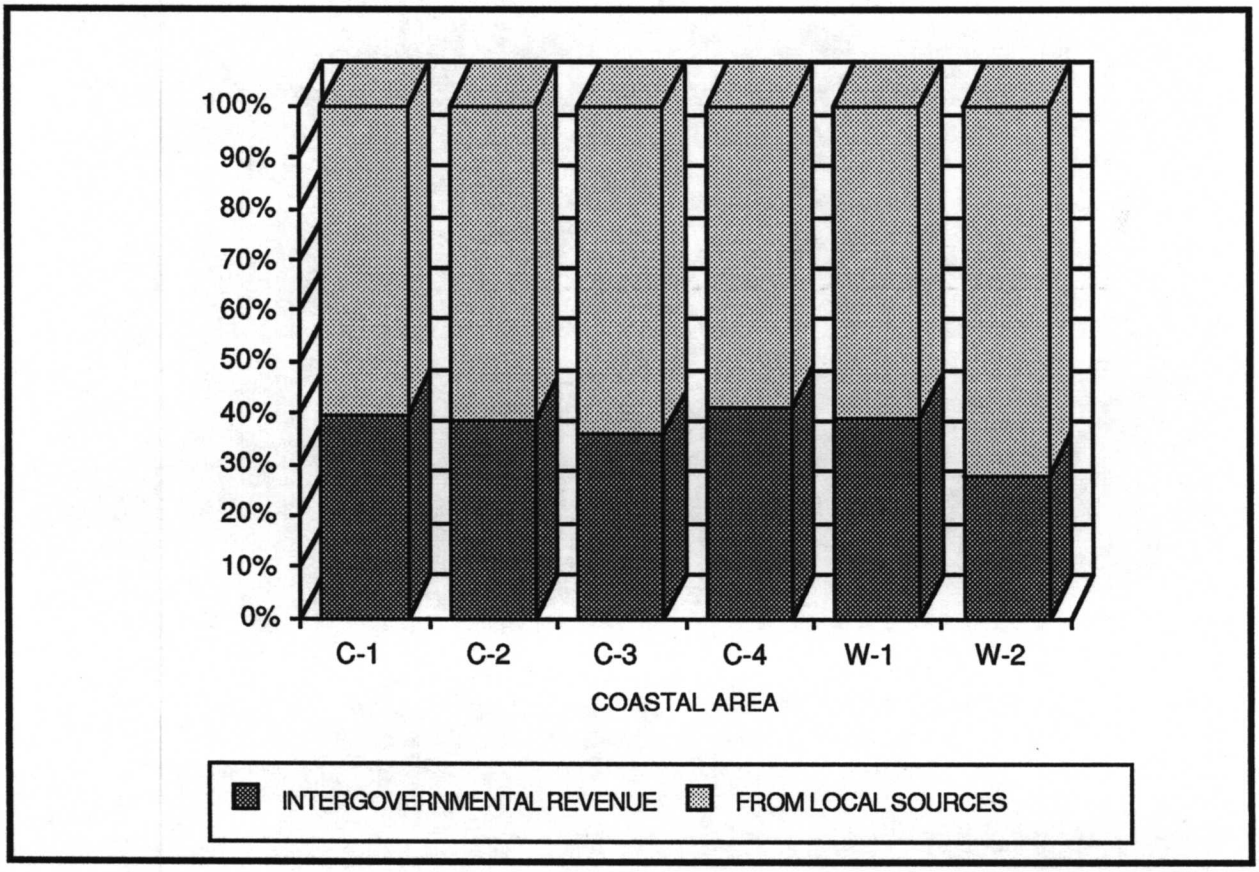
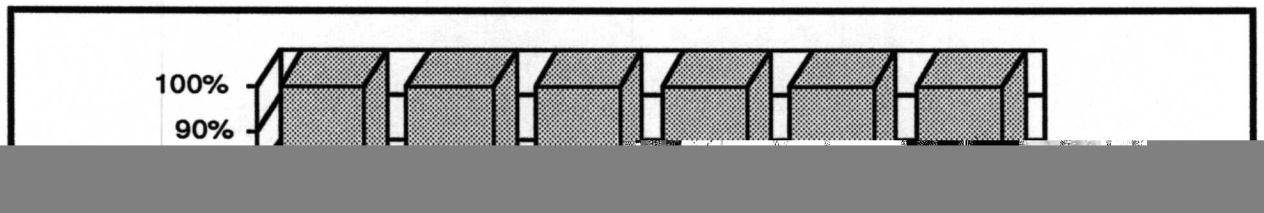


Figure 19. Local government revenue by source by coastal area, 1980

28.78 percent of local revenues while other taxes brought in another 12.45 percent. Miscellaneous fees and charges accounted for 25.66 of local government revenue (Figure 20).

Intergovernmental revenue from state and federal sources accounted for 33.10 percent of general fund revenues. Revenue from federal sources comprised 6.06 percent of local government revenue (Figure 21). State sources contributed 27.04 percent.

The proportion of local government revenue raised through property tax ranged from a high of 41.82 percent in coastal area W2, the upper Texas coast, to a low of 12.12 percent in coastal area C1, the southwest Louisiana coast. The percentage of total revenue due to local taxes other than


100%
90%

property taxes ranged from a high of 23.85 percent in coastal area C2, central Louisiana coast, to a low of 5.62 percent in coastal area W1, lower Texas coast.

Changes from 1960 to 1980 - By 1980, general revenue for local government in the study area had increased by 224.33 percent over the 1960 amounts.

The rate of increase between 1960 and 1970 amounted to 89.94 percent. Revenue from intergovernmental sources increased by 111.07 percent while revenue from local sources increased by 80.95 percent. The amount of federal funds going into local government budgets increased by 473.78 percent. Local revenue from taxes other than property taxes increased by 222.45 percent.

From 1970 to 1980, local government revenue increased 70.75 percent. The increase in state and federal intergovernmental revenue (70.40 percent) was comparable to from local sources (70.92 percent). Revenue from federal sources increased by 110.19 percent compared to 63.46 percent from state sources. Local government tax revenue only increased by 50.78 percent (37.93 percent for property taxes and 92.12 percent for taxes other than property taxes). Revenues from property taxes decreased in coastal areas C1, southwest Louisiana(-13.79 percent), C2, central Louisiana coast (-5.87 percent), C3, southeast Louisiana (-8.23 percent) and C4, the Alabama and Mississippi coast (-0.24 percent).

13. Local Government Expenditures by Function

1980 - Direct general expenditures by local government in the study area amounted to $7,414,046,000 in 1980. Over fifty percent of that amount was expended by local governments located in coastal area W2, the upper Texas coast (Figure 22).

Across the study area, 44.48 percent of local government expenditures were for education (Figure 23). Health and hospital related expenditures accounted for 8.61 percent of money spent by local government; 5.86 percent went for highways; and 5.35 percent for police protection.

Collectively, local governments in the study area had a general outstanding debt of $10,085,741,000. Interest on general debt accounted for 6.23 percent of local government expenditures.

Changes from 1960-1980

Direct general expenditures increased by 186.64 percent from 1960 to 1980. Comparable increases in expenditures were made for education (184.33 percent), fire protection (186.26 percent), interest on general debt (188.81 percent) and other expenditures not elsewhere classified (189.03 percent).

Lower than average expenditure increases were made for highways (66.91 percent) and housing (86.38 percent).

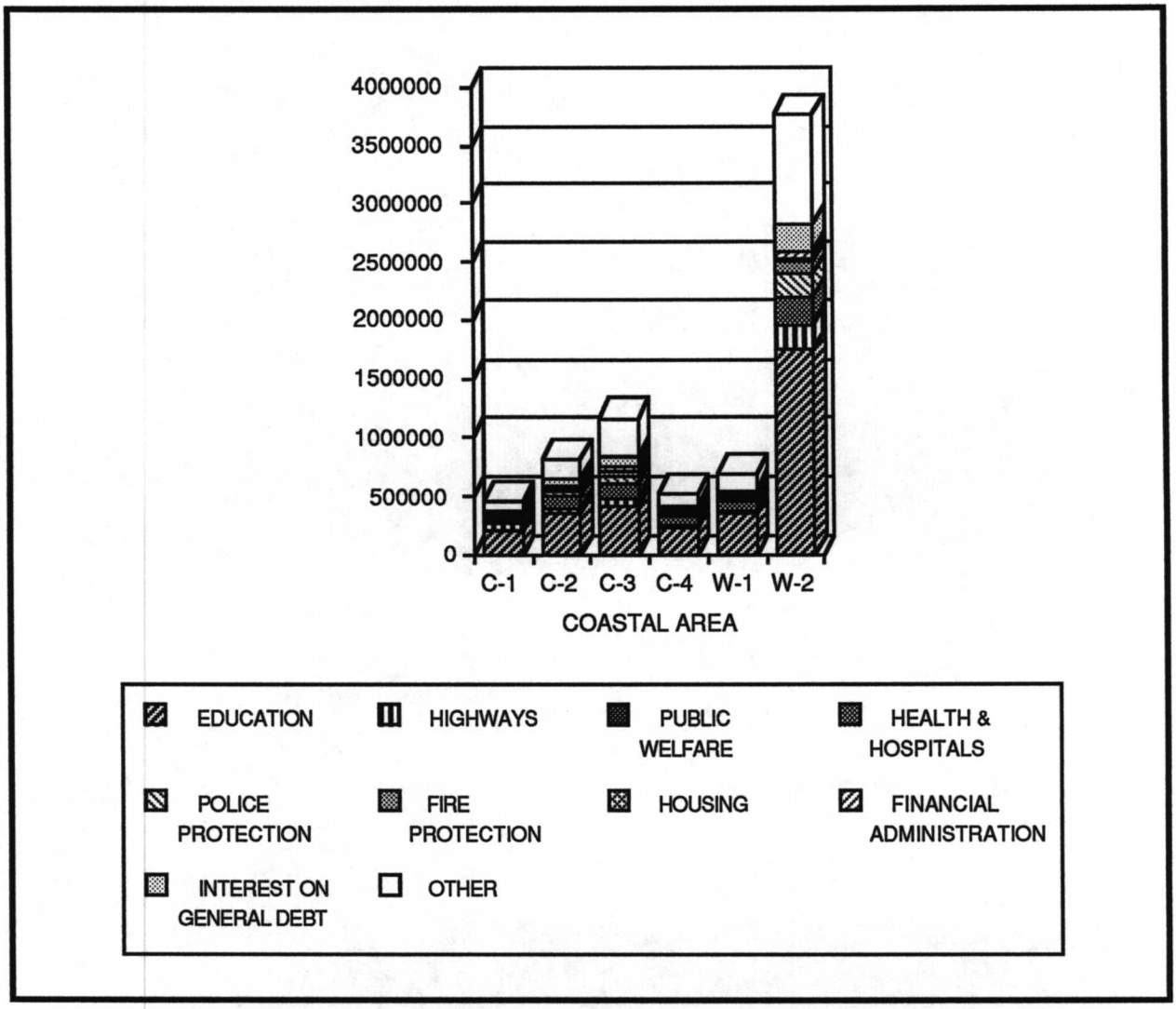


Figure 22. 1980 Direct local government general expenditures by source

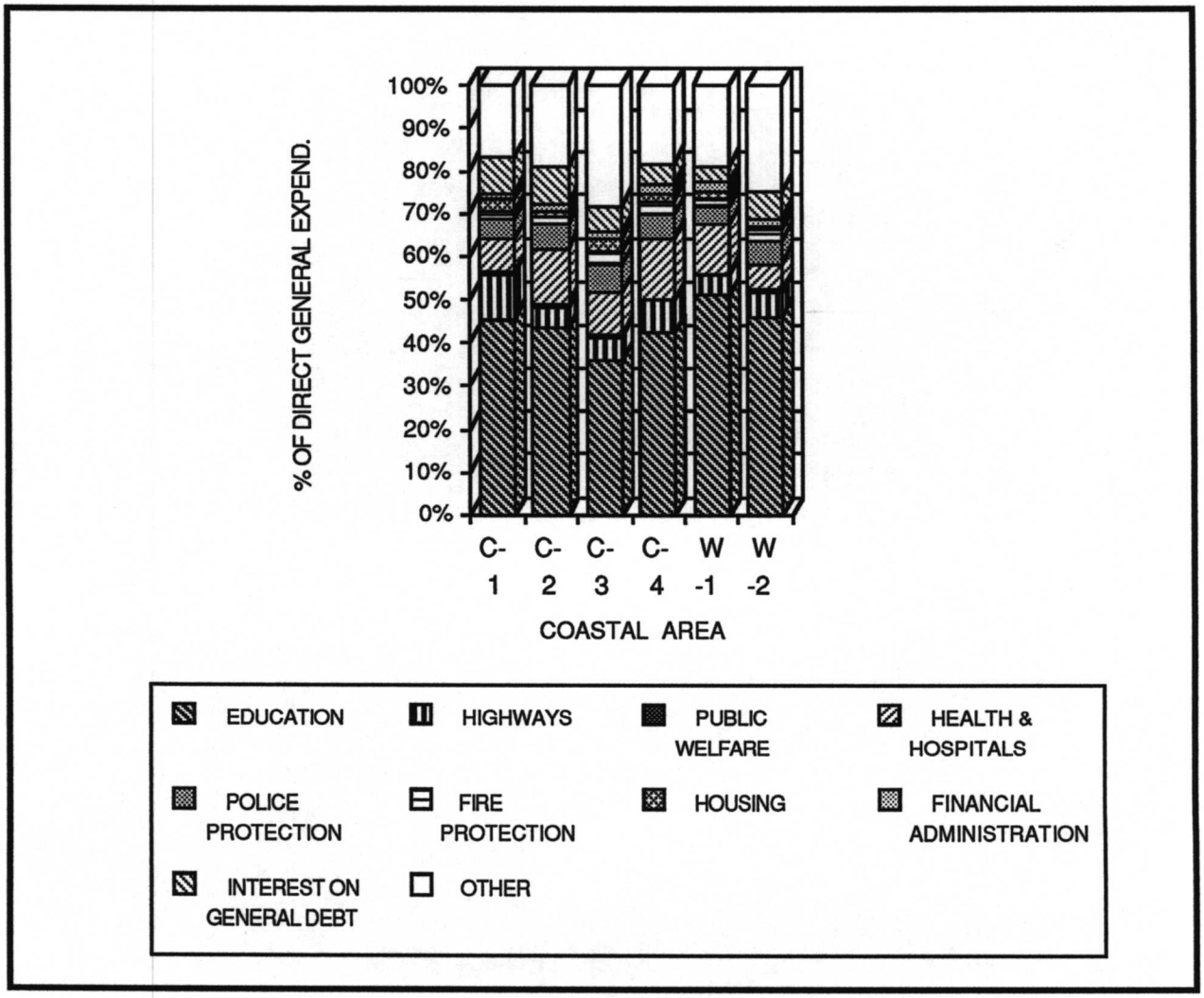


Figure 23. Percent of direct local government general expenditures by source within coastal area, 1980

Above average increases in expenditures were associated with public welfare (200.01 percent), health and hospitals (404.40 percent), police protection (249.92 percent) and financial administration (266.68 percent).

General debt outstanding increased by 98.31 percent from 1960 to 1980. Three coastal areas (C1, southwest Louisiana; C2, central Louisiana coast; and W2, upper Texas coast) experienced higher than average outstanding indebtedness (169.85 percent, 153.83 percent, and 146.20 percent respectively). The increase in general debt outstanding in the three other coastal areas ranged from 14.43 percent in C3, southeast Louisiana, to 25.30 percent in coastal area W1, the lower Texas coast.

14. Summary

The decades of the 1960s and 1970s were a period of growth within the 49 county and parish study area. During that time, the population increased from 4,840,765 to 7,477,124 an increase of 54.46 percent. Higher than average population growth occurred in coastal area W2, the upper Texas coast, and C2, the central Louisiana coast.

The increase in population due to net migration between 1960 and 1980 amounted to 1,066,856. This means that during that twenty year span, 1,066,856 more people moved into the study area than moved out of the area.

The size of the civilian labor force, which more than doubled from 1960 to 1980, grew at a rate far higher than the population. The number of workers in the civilian labor force increased by 101.26 percent. The increase in females in the civilian labor force (158.27 percent) was double the rate of growth among males (75.22 percent).

The number of jobs available in the study area increased from 1,562,799 in 1960 to 3,884,539 in 1980, an increase of 148.56 percent. Government jobs showed the highest percentage increase (278.33 percent). Mining industry jobs increased by 278.31 percent. Mining jobs in the upper Texas coast (coastal area W2) increased by an astounding 391.61 percent. In 1960, there were 50,028 mining jobs in the study area. By 1980, the number of mining jobs had swelled to 189,262.

B. Analysis of Recent Price-Related Decline (1981-1986)

Outer Continental Shelf (OCS) oil and gas activities in the Gulf of Mexico (GOM) changed due to a decline in the price during the period from 1981 through 1986. In 1960, the average wellhead price for a barrel of oil was slightly less than three dollars (Table 1). The price of oil remained relatively stable and increased to slightly over three dollars a barrel by the close of the decade.

Table 1.
Crude oil and natural gas prices, 1960, 1970, 1980-1986

Year	Oil $/bbl	Gas $/mcf
1960	2.88	0.14
1970	3.18	0.17
1980	21.59	1.59
1981	31.77	1.98
1982	28.52	2.46
1983	26.19	2.59
1984	25.88	2.66
1985	24.08	2.48
1986	12.45	1.94

Following the oil embargo and accompanying fuel shortage of 1973, the price of oil rose. Prices continued to rise and reached $12.64 by the end of 1979. The price of oil nearly doubled during 1980 breaking twenty dollars a barrel. The price peaked during 1981 when crude oil sold for over thirty-five dollars a barrel.

The price declines experienced in the early 1980s would prove minor compared to the price crash between 1985 and 1986. The initial price decline following the 1981 peak was relatively gradual. Optimism of ever increasing prices weakened as the price for oil dropped approximately ten percent from 1981 to 1982. Although prices fluctuated during the year, the overall downward trend continued. By 1983, the wellhead price had slipped below thirty dollars a barrel. The price continued to slide until the bottom literally fell out in the later part of 1985. The price of oil in 1986 was only slightly more than half the price from 1985.

Data were gathered and compiled on the levels of OCS oil and gas activity throughout the 1981-1986 period. These annual data formed the basis to characterize the impacts of the price-related decline in oil and gas

activities on the GOM coastal region. Changes in Federal OCS oil and gas activity were based on available Minerals Management Service (MMS) data.

Socioeconomic changes occurring within the 49 county and parish study area were based on data from the U. S. Bureau of the Census and the U. S. Bureau of Economic Analysis. Data were collected and analyzed to identify changes in the following categories: population, jobs, personal income by source, local government revenue, and local government expenditures from 1981 to 1986. Attribute data available on an annual basis consistent with comparable data elements used to define 1960 to 1980 baseline conditions were obtained.

1. OCS Oil and Gas Activity

Data were collected for oil and gas activity in the central planning area (CPA) and the western planning area (WPA). Exploratory wells drilled, barrel equivalents of oil and gas production and value of oil and gas produced were used as Federal OCS oil and gas activity indicators. Data on each of the three indicators from the central and western GOM planning areas for the years 1960, 1970 and 1980 through 1987 were provided by MMS.

An onshore impact allocation model developed by MMS was used to allocate activity within each of the seven planning analysis areas (three in the WPA and four in the CPA) to the six coastal analysis areas.

Exploratory wells drilled was selected as an indicator of pre-production activity. Barrel equivalents was selected as a measure representative of crude oil and natural gas production activity. The volume of natural gas produced was converted into barrel equivalents using a conversion factor of 5.62 thousand cubic feet (mcf) of natural gas being equal to one barrel of oil. The value of production, expressed in constant 1980 dollars, was obtained by adding the value of crude oil produced and the value of natural gas produced.

The number of exploratory wells drilled increased from 319 in 1981 to 559 in 1984 (Figure 24 and Appendix D). The impact of the price-related decline on exploratory wells became evident in 1985 when only 483 wells

were drilled. By 1986, the number of exploratory wells drilled in the central and western Gulf of Mexico dropped to 260; less than half the number drilled in 1984.

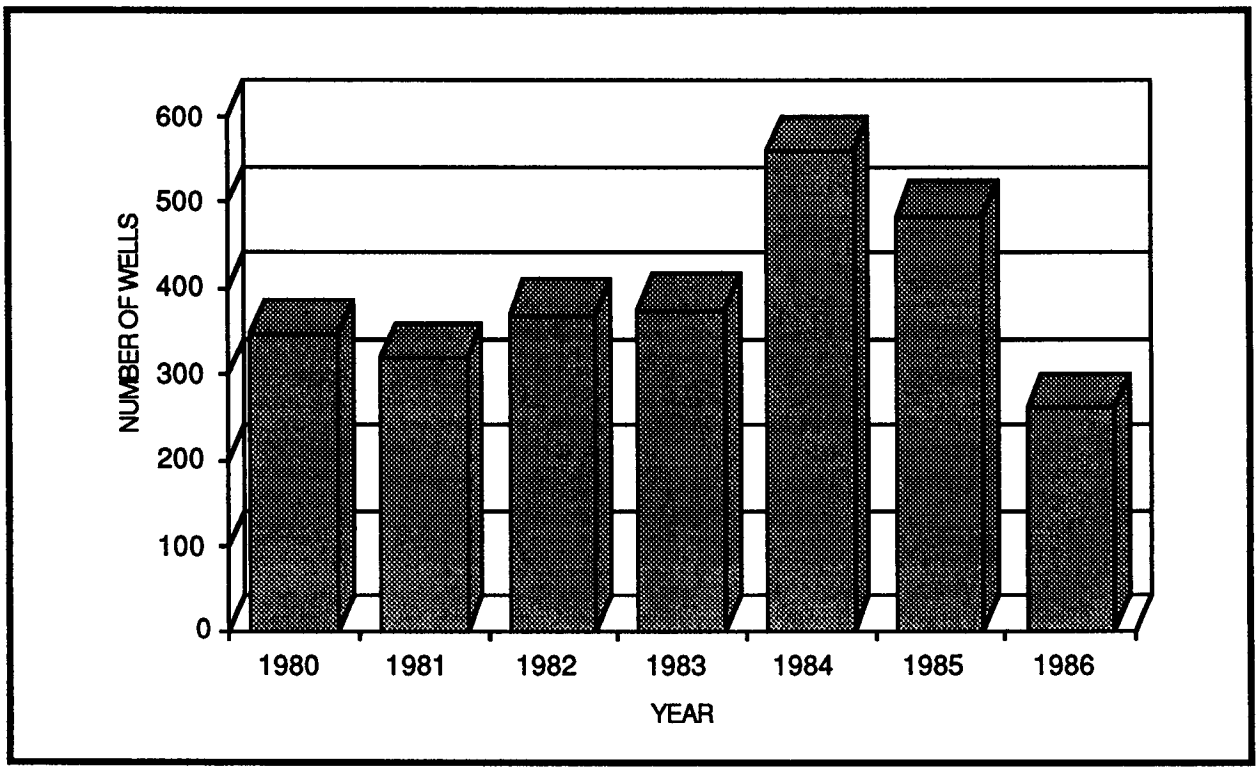


Figure 24. Number of exploratory wells drilled in the Central and Western Gulf of Mexico, OCS, 1980-1986

OCS production reached a peak of 27,744,580,221 barrel equivalents in 1981 (Figure 25). By 1986, production was 23,093,918,299 barrel equivalents. Although barrel equivalent production levels held relatively steady, the value of the oil and gas produced decreased significantly.

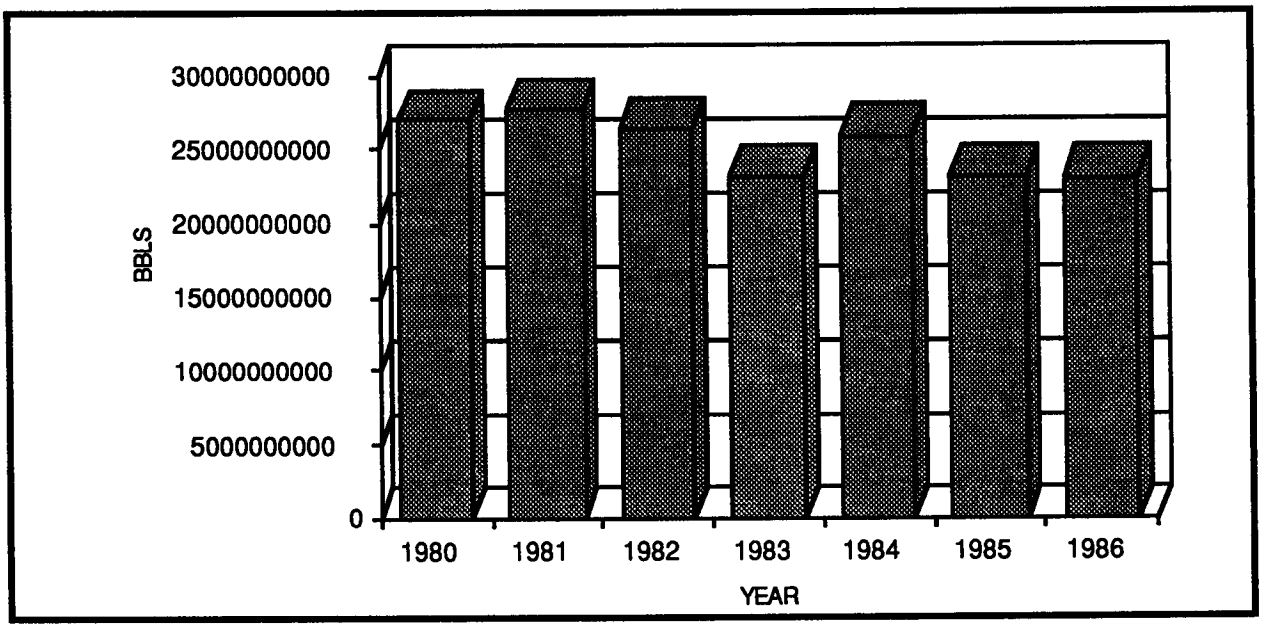


Figure 25. Barrel equivalent production, Central and Western Gulf of Mexico, OCS, 1980-1986

The value of OCS production from the central and western planning areas peaked in 1984 at $17,042,633,443 (constant 1980 dollars) (Figure 26). Within two years, the value of production had dropped by 45 percent to $9,329,620,795. The decline in production value and activity associated with exploration contributed to substantial impacts onshore.

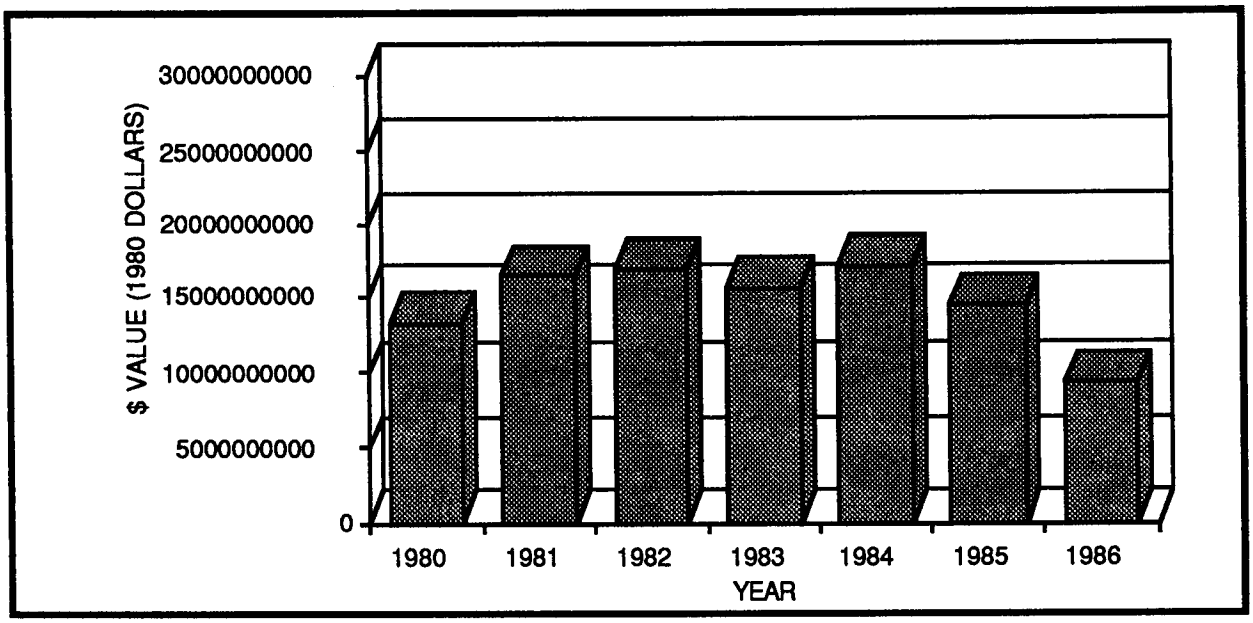


Figure 26. Value of production, Central and Western Gulf of Mexico, OCS, 1980-1986

2. Changes in Socioeconomic Attributes

a. Population

The impact of the price-related decline in oil and gas activities on population within the study area was swift and dramatic. From 1981 to 1982, the population in the study area increased by 4.01 percent, which was nearly four times the national rate (1.03 percent) of population change (Figure 27 and Appendix B). Two years later, the rate of population change in the study area (0.48 percent) was half that of the United States (0.94 percent).

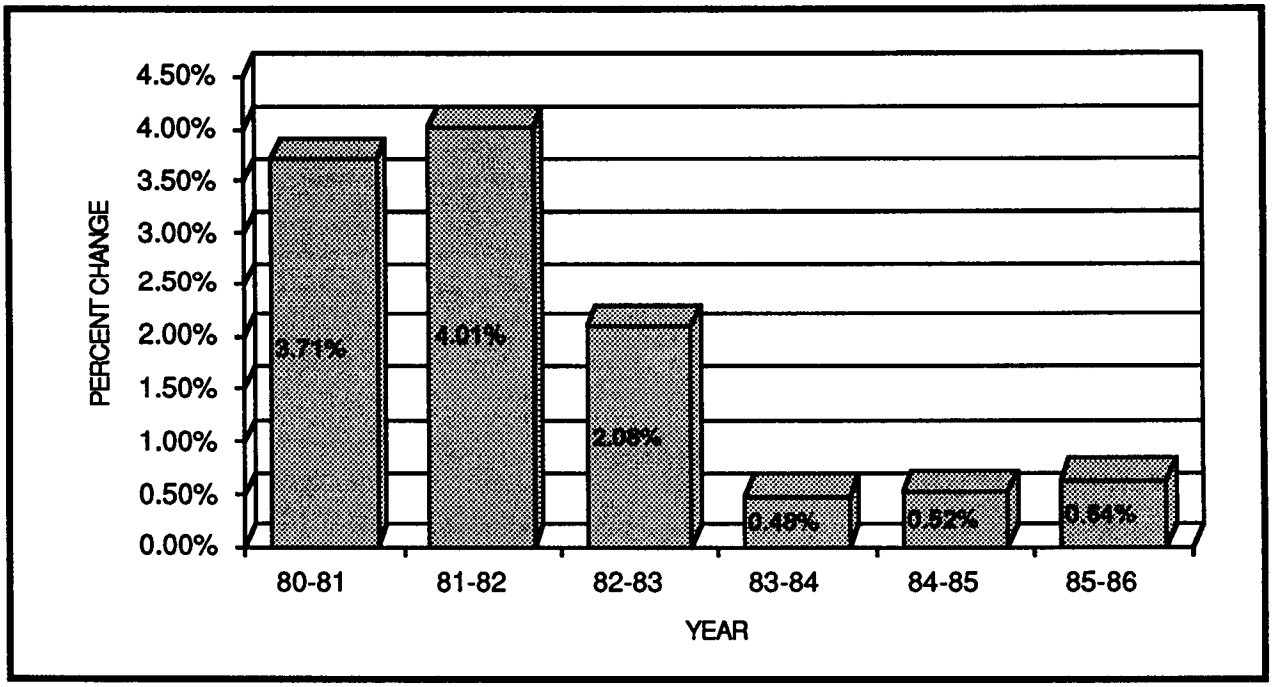


Figure 27. Annual population change, study area 1980-1986

Population changes for several of the coastal areas within the study area further evidence the dramatic reversal of growth along Gulf of Mexico communities. In southwest Louisiana (coastal area C1), the 1981-1982 percent change (3.33 percent) in population shifted from a rate three times the national average to a net population loss within two years. Along the upper Texas coast which includes the Houston metropolitan area (coastal area W2), the population growth rate was five times the national average in 1982 but was reduced to one-third the national average by 1985.

During the four years from the initial decline in oil prices in 1982 until 1986, the population of the study area increased by 3.76 percent. The two

smallest changes in population from 1982 to 1986 occurred in coastal area C1, southwest Louisiana (1.71 percent), and C3, southeast Louisiana (1.63 percent). The two geographically extreme coastal areas experienced the two highest levels of population change within the study area. Coastal area W1, the lower Texas coast, experienced a 5.91 percent change in population and coastal area C4 experienced a 5.20 percent change from 1982 to 1986.

b. Net Migration

Between 1981 and 1982, the net change in population due to migration was 208,322 (Figure 28). Net migration decreased to 63,972 between 1982 and 1983. In the following year, 60,978 more people were moving out of the study area than were moving into the area.

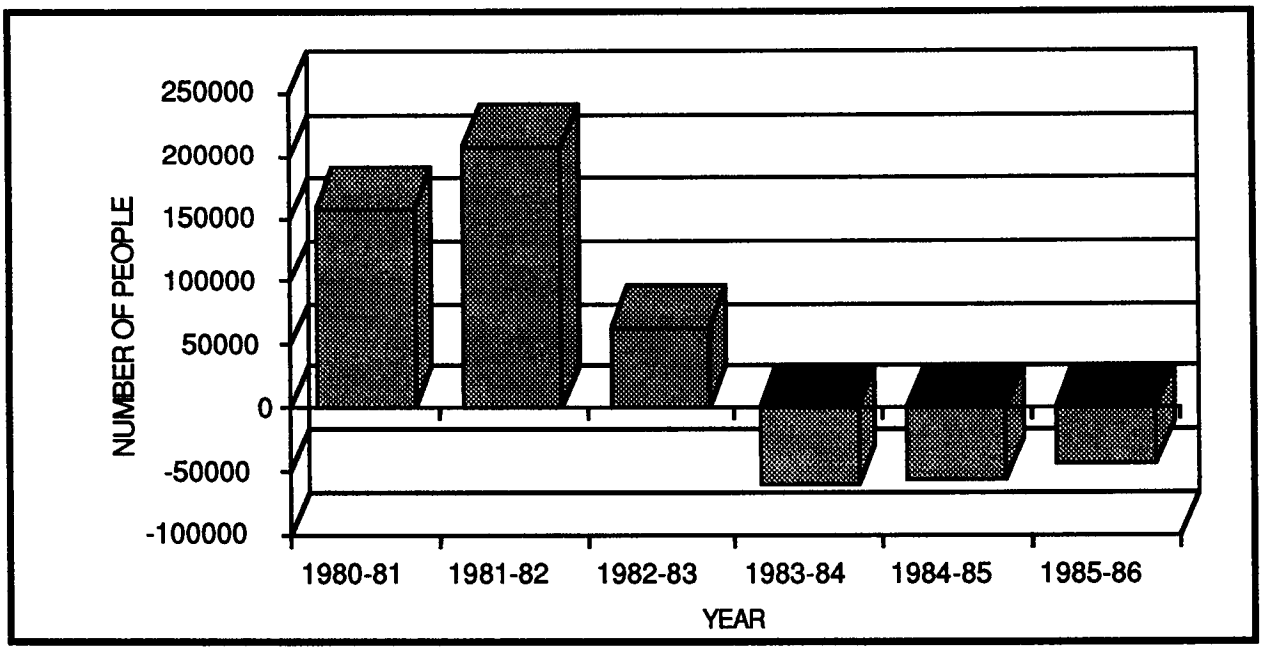


Figure 28. Net migration, study area 1980-1986

In 1981, five of the 49 counties and parishes within the study area experienced negative net migration. By 1984, the number of counties and parishes experiencing negative net migration had increased to 35.

c. Jobs and Job Earnings

Data from U. S. Department of Commerce's Bureau of Economic Analysis indicate that the number of jobs in the study area reached a peak of 4,403,182 in 1981 (Figure 29). Within a year, the number of jobs had dropped by 6.04 percent to 4,137,382 (Figure 30). From 1982 to 1986, the total number of jobs decreased by 3.11 percent with the mining industry loosing the highest proportion of jobs.

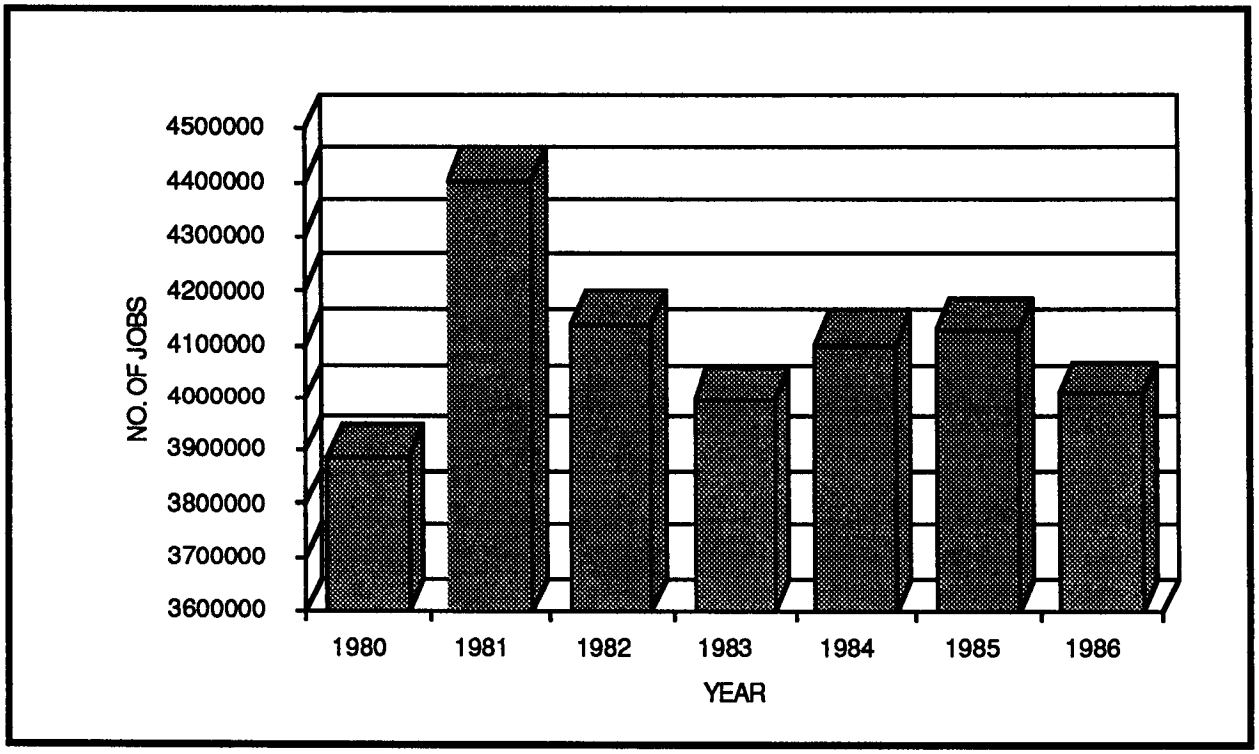


Figure 29. Total number of jobs, study area 1980-1986

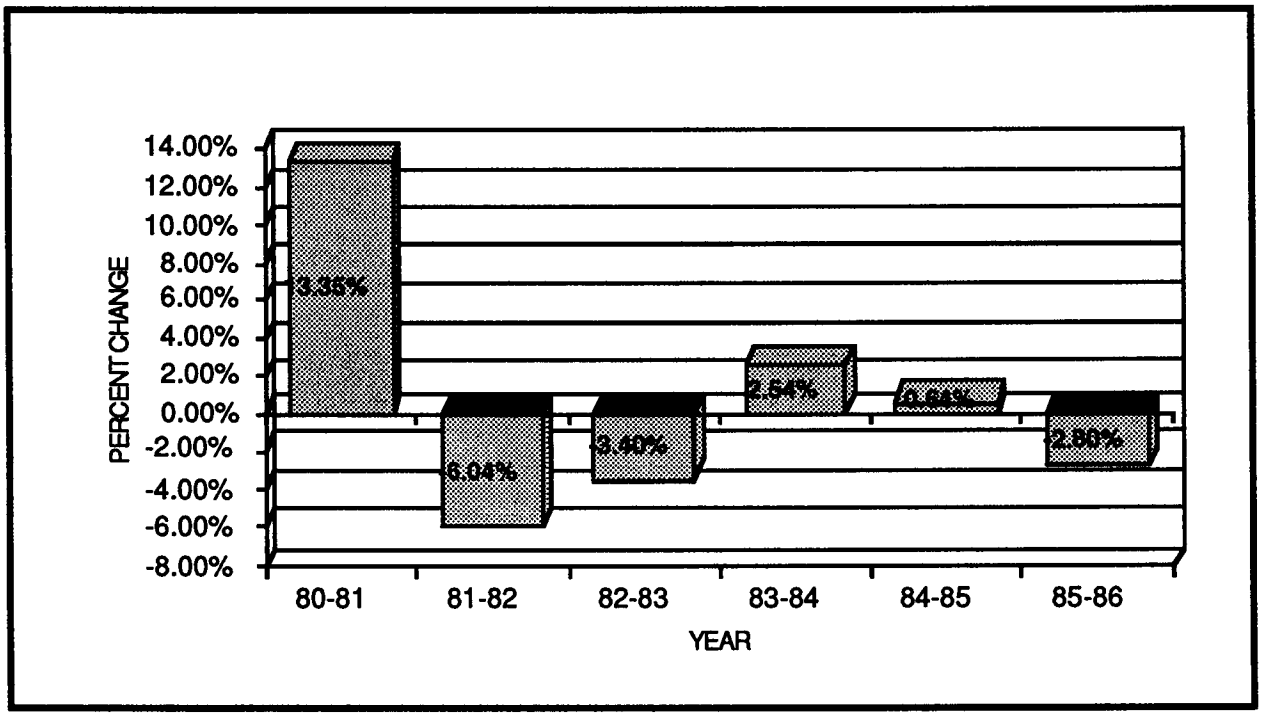


Figure 30. Percent change in number of total jobs 1980-1986

Jobs associated with oil and gas extraction are accounted in the mining industry classification. The number of mining industry jobs within the study area peaked at 231,768 in 1982 (Figure 31). More than half (131,455) of the jobs were geographically located in coastal area W2, the upper Texas coast. In a twelve month period between 1982 and 1983, one in eight (12.52 percent) mining jobs ceased to exist (Figure 32). Of the 29,005 mining jobs lost between 1982 and 1983, 3,379 were reestablished the following year. Over the next two years, 40,737 mining jobs were abolished. Between 1982 and 1986, the number of mining jobs in the study area decreased by 28.63 percent.

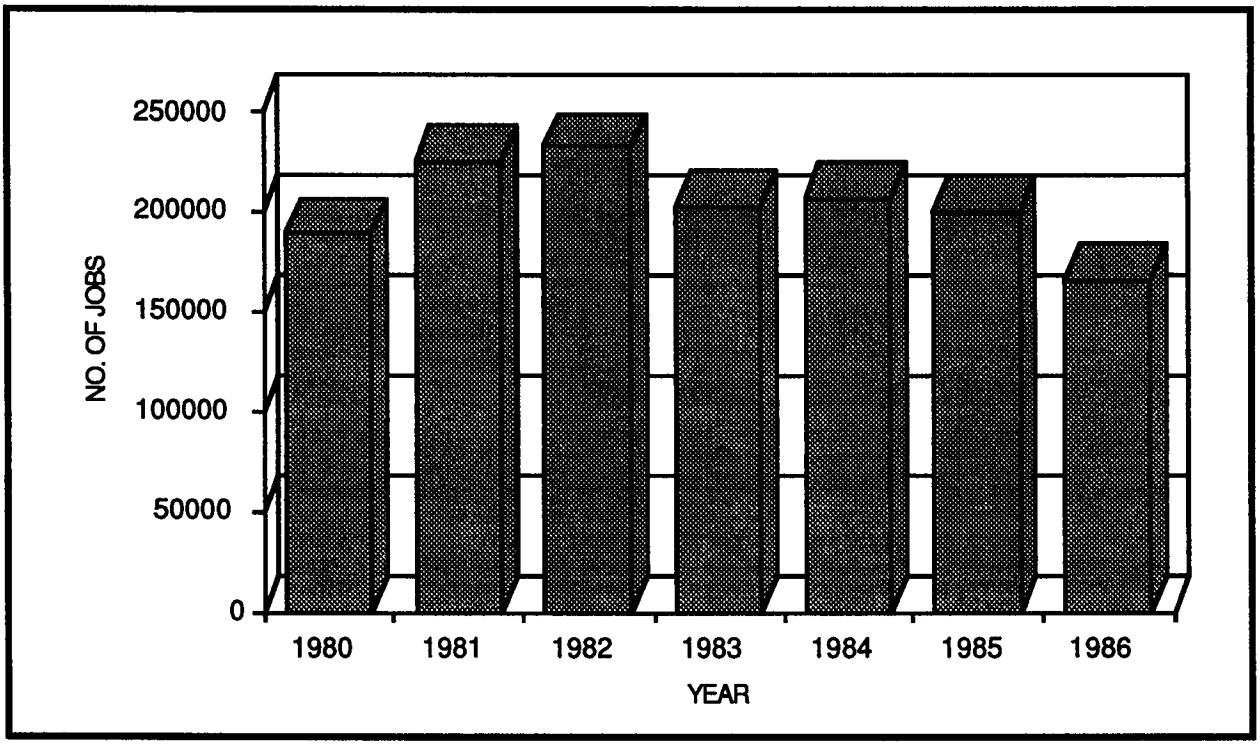


Figure 31. Number of mining jobs in the study area 1980-1986

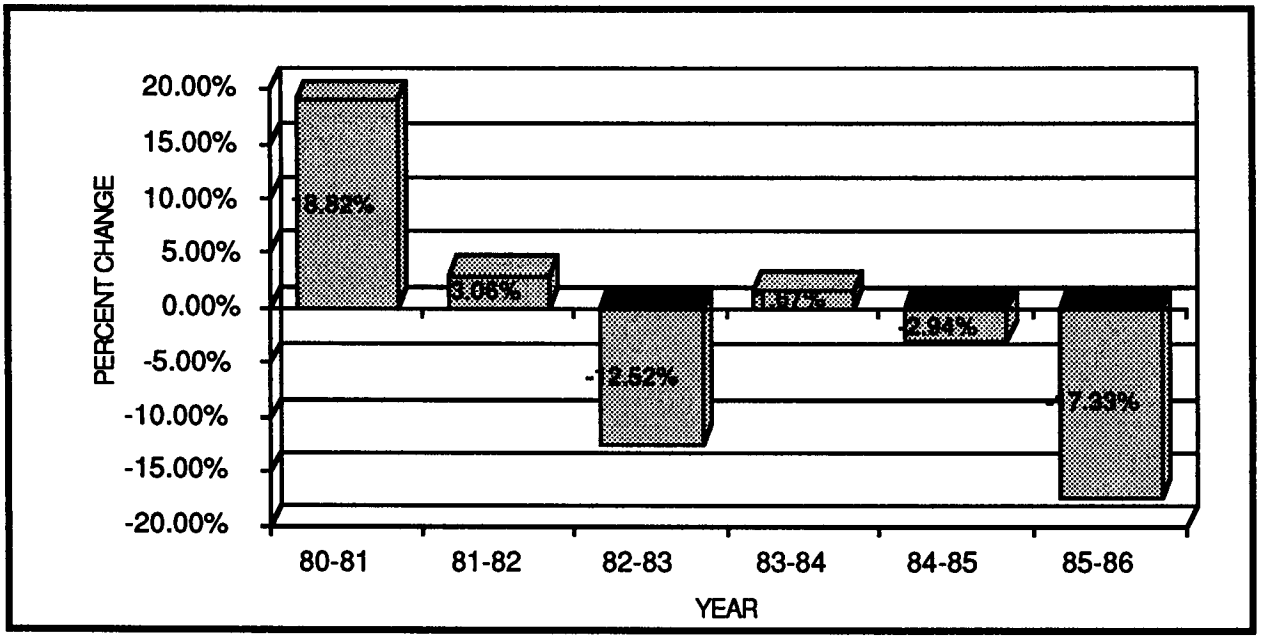


Figure 32. Percent change in number of mining jobs 1980-1986

Mining was not the only industry sector experiencing substantial reductions in jobs. The number of manufacturing jobs in the area

decreased by 25.2 percent from 1982 to 1986. One in five (20.10 percent) construction industry jobs were lost.

Industries which experienced an increase in the number of jobs by ten percent or more included: finance, insurance and real estate, 13.76 percent; services, 11.45 percent; and federal civilian government, 10.96 percent.

A decline in job earnings within the study followed oil price declines in 1982 and 1985 (Figure 33). By 1986, the amount of job earnings in the study area was less than that reported in 1980 even though the number of jobs in 1986 exceeded the number of jobs existing in 1980. Although the number of jobs in the study area decreased by 3.11 percent from 1982 to 1986, job earnings decreased by 7.50 percent during that same period.

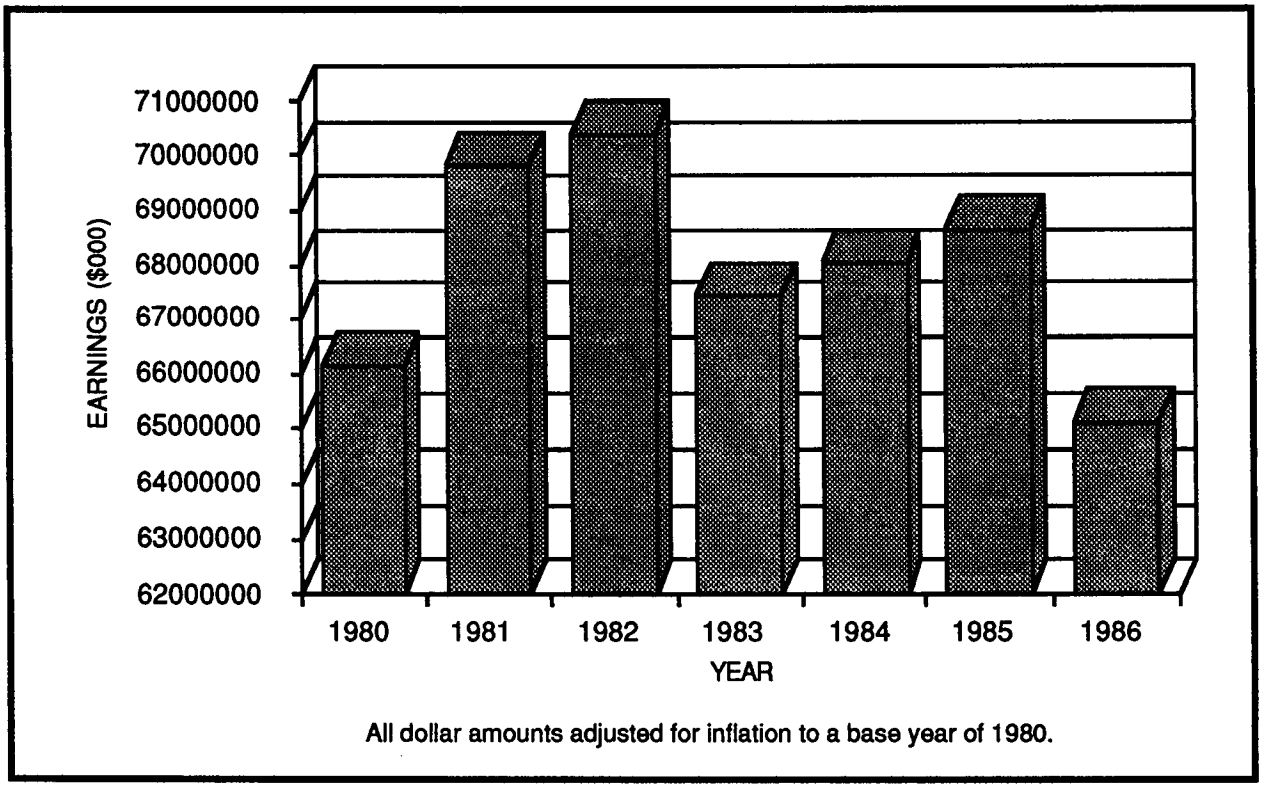


Figure 33. Earnings from all jobs 1980-1986

Mining job earnings decreased by 27.54 percent between 1982 and 1986 (Figure 34). Between 1980 and 1981, earnings from mining jobs in the study area increased by 21.52 percent. The mining job earnings increase grew by only 4.73 percent from 1981 to 1982. The following year earnings dropped by 10.77 percent.

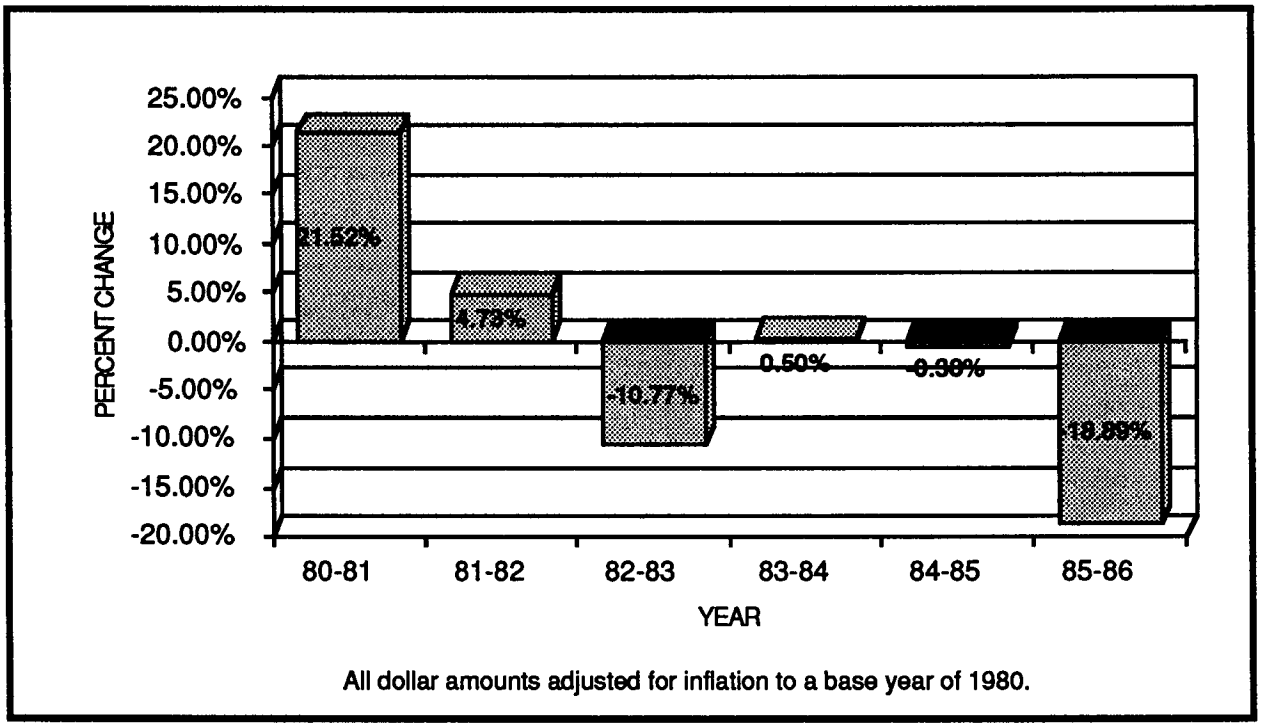


Figure 34. Percent change in earnings from mining jobs 1980-1986

The greatest decrease in job earnings from 1982 to 1986 was in the construction sector. Construction job earnings declined by 28.03 percent. Mining job earnings had the second highest decrease (27.54 percent) and manufacturing was third in earnings decrease (24.66 percent).

Non-farm industry sectors with the top three net job earning increases were: finance, insurance and real estate (18.74 percent); state and local government (13.83 percent); and services (12.46 percent).

d. Personal Income by Source

From 1982 to 1986, residents within the study area experienced a 1.34 percent decline in total personal income (Table 2 and Appendix B). The change in total personal income ranged from a decline of 9.23 percent among residents in southwest Louisiana (coastal analysis area C1) to an increase of 9.04 percent among residents along the Alabama-Mississippi coast (coastal analysis area C4). Areas with total personal income decreases included C2 (the central Louisiana coast, -3.19 percent) and W2 (the upper Texas coast, -2.82 percent).

Table 2.
Percent change in personal income, 1982 to 1986,
by coastal area

Income Source	Coastal Area C1	C2	C3	C4	W1	W2	ALL
Total Personal Income	-9.23	-3.19	1.04	9.04	3.32	-2.82	-1.34
Net Earnings	-17.35	-9.92	-5.14	6.82	-3.39	-8.27	-7.17
Dividend, Interest, Rent	10.62	15.21	16.44	14.71	16.56	15.29	15.25
Transfer Payments	22.37	24.52	19.25	13.78	23.86	26.58	22.77
Per Capita Income	-10.76	-6.18	-0.58	3.64	-2.44	-6.66	-4.92

Net earnings decreased by 7.17 percent in the years between 1982 and 1986. In southwest Louisiana, coastal area C1 which had the highest proportion of mining jobs, net earnings decreased by 17.35 percent. Higher than average net earning decreases also occurred in coastal areas C2, the central Louisiana coast (-9.92 percent) and W2, the upper Texas coast (-8.27).

Personal income derived from dividend, interest and rent payments and transfer payments increased by 15.25 and 22.77 percent respectively from 1982 to 1986.

Per capita income dropped 4.92 percent from 1982 to 1986. The decrease in per capita income was greatest (-10.76 percent) among residents in the coastal area with the highest proportion of mining jobs; coastal area C1, the southwest Louisiana coast. The per capita income among residents in the upper Texas Coast decreased by 6.66 percent from 1982 to 1986. Per capita income decreased in all coastal areas except the Alabama-Mississippi coast where an increase of 3.64 percent occurred.

e. Local Government Revenue

Local government revenue and expenditure data for all 49 counties and parishes in the study area are available from the 1962, 1972 and 1982 Census of Governments. Annual data for 1984, 1985 and 1986 are only available for counties and parishes with populations of at least 100,000 from the U. S. Bureau of the Census, Local Government Finances, Major County Areas. In order to analyze change in local government revenue

and expenditure, only data for counties and parishes with at least 100,000 population are used.

In 1982, revenues for local government in study area counties and parishes with populations of at least 100,000 amounted to $6.442 billion (Table 3 and Appendix B). By 1986, revenues for those same local governments had increased by 31.44 percent to $8.467 billion.

Table 3.
Percent change in local government revenues by source, 1982 to 1986, by coastal area*

	Coastal Area						
	C1	C2	C3	C4	W1	W2	ALL
Local Government Revenue	4.17	6.72	13.32	33.85	41.35	40.43	31.44
From State Sources	-3.18	-8.03	-3.37	27.08	47.14	22.16	17.11
From Federal Sources	-51.37	-19.31	-21.83	-7.88	8.46	-21.58	-19.34
From Local Sources	14.83	18.80	25.35	42.19	42.60	50.29	41.83
Local Taxes	11.32	21.88	23.75	34.26	40.00	43.55	37.49
Local Charges	19.01	13.98	27.43	49.87	45.51	64.12	49.03

*Counties and parishes of 100,000+ population.

Higher than average increases in local government revenue occurred in the two Texas coastal areas (W1 and W2, 41.35 percent and 40.43 percent respectively) and the Alabama-Mississippi coastal area (C4, 33.85 percent). The southwest Louisiana area (C1) had the lowest increase (4.17 percent) in local government revenue.

Revenues from local sources accounted for approximately two-thirds (67.56 percent) of local government revenues in 1982. The balance of the revenue was derived from state (25.94 percent) and federal (6.50 percent) intergovernmental revenue.

Revenue from local sources increased by 41.83 percent from 1982 to 1986. All coastal areas experienced net increases in revenue from local sources. Within the study area, revenue from state sources increased by 17.11 percent. All three coastal areas (C1, C2 and C3) located in Louisiana experienced a decrease in revenue from state sources ranging from -8.03 to -3.17 percent. Revenue from federal sources decreased by 19.34 percent. Only coastal area W1, the lower Texas coast, had a net increase in federal revenue between 1982 and 1986. The most extreme change in

revenue from federal sources was recorded in southwest Louisiana, coastal area C1, which experienced a decrease of 51.37 percent.

f. Local Government Expenditures

While per capita income, net personal earnings and job income decreased within the study area from 1982 to 1986, local government expenditures increased by 30.39 percent from $6.174 billion to $8.050 billion. Louisiana coastal areas experienced relatively low increases in local government expenditures ranging from 3.95 percent to 17.13 percent. Expenditures by local governments in the two coastal areas along the Texas coast increased by 36.95 percent and 46.3 percent. Spending by local government in counties with populations of 100,000 or more in the Alabama-Mississippi coastal area increased by 31.78 percent.

Most decreases in major categorical local government expenditures within the study area occurred in southwest Louisiana and in central coastal Louisiana (coastal areas C1 and C2) (Table 4). In both of these areas expenditure cuts were made for education, public welfare, and housing. The central Louisiana coastal area (C2) also experienced expenditure cuts in health and hospitals and police protection.

Table 4.
Percent change in total and select categorical local government expenditures, 1982 to 1986, by coastal area*

	Coastal Area						
	C1	C2	C3	C4	W1	W2	ALL
Local Govt. Expenditures	3.95	5.19	17.13	31.78	46.30	36.95	30.39
Education	-13.91	-2.08	8.11	26.80	51.75	26.22	22.25
Highways	1.86	12.56	18.88	26.50	39.08	55.10	40.10
Public Welfare	-18.67	-68.05	24.42	65.43	24.87	5.19	3.71
Health and Hospitals	1.43	-17.08	14.60	32.28	4.25	44.10	28.21
Police Protection	46.31	-10.54	23.09	4.85	40.03	47.25	34.72
Fire Protection	27.70	13.26	19.53	-1.90	30.60	25.52	21.76
Housing	-50.90	-44.49	-0.53	61.68	35.64	39.93	10.74
Financial Administration	29.90	5.42	35.79	4.31	31.17	51.99	39.83
Interest on Debt	39.13	4.69	34.33	183.99	203.22	125.31	98.90

*Counties and parishes of 100,000+ population.

Decreases in local government expenditures in areas other than coastal areas C1 and C2 were reported for the following: a 1.9 percent decrease in expenditure for fire protection in C4, a 5.19 percent decrease in expenditures for public welfare in W2, and a 0.53 percent decrease in housing in C3.

All six coastal areas within the study area experienced an increase in local government expenditures for interest on debt, highways, and financial administration between 1982 and 1986. Local government expenditures for interest on debt increased by 98.9 percent during the period from 1982 to 1986. Expenditures by local governments for highways grew by 40.1 percent.

3. Summary

The years between 1981 and 1986 constitutes what is referred to in this report as "the recent price-related decline period". It is the period when the oil boom culminated and the bust occurred.

At the beginning of the decade of the 1980s, the oil and gas industry was experiencing an unprecedented boom fueled by spiraling increases in oil prices. Rising from slightly over three dollars a barrel at the beginning of the 1970s, the price of oil peaked at just over thirty-five dollars a barrel in 1981. The slogan "85 by 85" ($85 a barrel by 1985) reflected the optimism that prevailed in the oil patch. By 1985, rather than the price of a barrel of oil reaching $85, the price had dropped to about one-third that amount.

Communities along the Gulf of Mexico with economies strongly tied to the oil and gas industry were ill prepared for the radical changes which were to occur from 1981 to 1986. Population growth within the study area dropped to a fraction of the national rate.

The onset of the "bust" cycle was heralded by a massive net migration reversal. Communities which had prospered from the increased activity associated with increasing oil prices were geared for accommodating large influxes of families moving into the area. Almost literally overnight, these same communities were faced with a net loss of families due to out migration. In 1984, 35 of the 49 counties and parishes within the study area experienced a negative net migration. Between 1983 and 1984, 60,978 more people moved from the study area than moved into it; a

sharp contract to the net population gain of 208,322 due to migration between 1981 and 1982.

During the transition from boom to bust (1982 to 1986), the total number of jobs in the study area decreased by 3.11 percent. The number of mining industry jobs decreased by 28.63 percent. Approximately one in four (25.2 percent) of the manufacturing jobs were lost as were one in five (20.10 percent) construction jobs. Comparable losses in job earnings also occurred.

III. IMPLICATIONS OF THE RECENT DECLINE IN OCS ACTIVITY FOR AN EVENTUAL DECLINE RELATED TO RESOURCE DEPLETION

Minerals Management Service (MMS) projections indicate a decline in Gulf of Mexico (GOM) Outer Continental Shelf (OCS) oil and gas production during the next several decades as existing reserves are depleted. The future impacts of this decline are difficult to accurately evaluate because of uncertainties about the extent of undiscovered reserves in the GOM OCS, the development of new technologies that could reduce offshore production costs, and changes in the structure of the regional economy.

The recent price-related decline in OCS oil and gas activity provided a basis for approximating probable socioeconomic effects associated with the predicted secular decline due to resource depletion. Efforts were directed toward the formulation of conceptual cause-effect models based on relationships between OCS oil and gas activity indicators and selected socioeconomic attribute categories components. These models were also based on a review and analysis of relevant literature, reports, and data on the effects of a declining resource base on local socioeconomic conditions in other areas. Literature written on 'boom-bust' phenomena in mining areas was evaluated for relevance to OCS decline impacts in the GOM.

A. Boom-Bust Phenomena

1. Overview

A review of the literature reveals an abundance of writings on 'boom-bust' phenomena, especially concerning the mining areas of the western United States. Relevant material is presented in this section to provide a basic characterization of 'boom-bust' from a historical perspective. Boom-bust impacts associated with western United States mining and Gulf of Mexico regional oil and gas extraction experiences are described.

Nearly all literature related to the mining industry focuses on the growth and development aspects of the extractive enterprise. The mining industry is, however, cyclic as product prices fluctuate, demand changes, and with time, the resource is exhausted.

Bust cycles are an unfortunate counterpart of the resource business. In most cases the bust cycle is an inevitable part of the process. For example, anthracite coal has been part of Pennsylvania's economic history for more than 150 years. The story was one based on economic prosperity for its first century of development. In the last half century, the industry has

had to deal with dwindling reserves and declining employment and the associated socioeconomic effects on the region have been severe (Deasy and Griess 1965). The copper producing Keweenaw province of Michigan's upper peninsula is another example. The copper country is now a skeleton as are numerous other mining communities (Rozin 1979). The same scenario has happened in the forest products industry (Silcox 1936; Root 1986).

Areas impacted by energy development have experienced major population increases. The new residents have changed the lifestyle of the locals. These areas experience what sociologists call "hyperurbanization", a process that strains the capacity of local government's ability to provide essential services (deBuys and Doughty 1982).

The boomtown has become a major source of social tension. It developed into the middle player between individual states and the federal government. "Confusion about the future, as well as about dealing with present growth problems, is widespread" (Gilmore 1976). Local communities were not prepared for the enormous growth and responsibilities associated with providing necessary community services. Most of the required ancillary services were absent and local revenues could not support building up these services (Fradkin 1977).

As these support centers became more urbanized, the surrounding land was required to meet the residential needs of the expanding population. People wanted their own home on large lots. Housing is a real issue. Local contractors cannot keep up with demand. As a result, mobile homes are the only alternative. Often called "mobile ghettos" (Morgenthaler 1974), they are most prevalent and the fastest growing form of housing. These mobile home parks were a necessary part of the regional growth that accompanied the rapid influx of new residents. Mobile homes are, therefore, standard housing in boomtown areas, whether "out west" or along the Gulf coast.

The boom contributes to divorce, absenteeism, delinquency, crime, mental illness, wife and child abuse, drug and alcohol abuse and single-car accidents (Pitman 1981). Psychologists describe this phenomena as "The Gillette Syndrome" involving the "4-Ds" - drunkenness, depression, delinquency, and divorce (Chadwick 1982).

These social concerns are associated with many "boom" areas. For example, in Gillette/Campbell County Wyoming one out of every 260 people has attempted suicide; one out of every eight has developed a

drinking problem (Chadwick 1982; Freudenburg 1984). Between 1975 and 1978 the mental health center's case load increased by 100 percent. Health care is an issue of major concern since there is approximately one physician for every 4000 inhabitants. The average in Wyoming is about 1 to 1000 (Gilmore and Duff 1975; U.S. Department of the Interior, Bureau of Land Management 1984).

Though dramatic, these numbers should be viewed carefully. As the "base" population in the pre-boom years was quite small, large percentages are relatively easily obtained. Regardless of how the data are analyzed, change has occurred. For example, research in western boomtowns shows construction hiring tripled high school dropouts (Gilmore 1976). Analysis of the socioeconomic sections contained in the environmental impacts statements associated with energy development, clearly reveal that these issues are ignored, or have such severe limitations that they cannot be utilized (Murdock et al. 1984).

To overcome some of these concerns, many western states have expanded their taxes on minerals, channeling these revenues into the boomtowns to ease the strain. For example, 33 states imposed a tax on minerals or coal produced within their borders. Montana's severance tax as 30% or $2.08 a ton is the Nation's highest. With 75% of the state's reserves on federal land, the tax benefits the state considerably. Wyoming has the Nation's second largest severance tax - 17 1/2%. In Montana the "new" tax is responsible for 20% of the state's budget (Montana: Treasure State's Treasure Trove 1981). A portion of Wyoming's severance tax is passed to the State Farm Loan Board. This agency provides grants and loans to energy-impact communities (U.S. Department of the Interior, Bureau of Land Management 1979). In addition, Wyoming developed a remedial planning program called "impact alleviation" to mitigate the problems associated with rapid growth. The purpose is to try and keep the boom communities normal (Bush 1978).

Most mineral-producing states did not build up a treasury that would allow them to underwrite a boomtown's regional growth. It is difficult to predict the amount of capital investment required, but these states need to plan for the cyclic behavior to the mineral-extraction business. Many socioeconomic problems can be solved, however, by more direct federal policies related to energy development. Gilmore (1976:539) suggests: "federal policy ... should make it clear that the beneficiaries of growth and development of western energy resources shall pay the public and social costs of that development, thus protecting the bystanders, who merely live in the vicinity, from increased costs." Currently, most of these

communities cannot provide the services and facilities that accompanied their growth and are now unable to maintain the amenities the population requests.

The socioeconomic impacts have been well documented (Gilmore and Duff 1975; Christiansen and Clark 1976). Virtually no town or county revenue system can cope with boom growth, much less small towns where the revenue-cost balance is tenuous and fragile. The major difficulties are financial as most of the impacted communities must establish the necessary infrastructure required to support their new citizens.

Social consequences of boom areas are partly a manifestation of financial hardships. They are expected to absorb their financial deficits, but must reduce their services and often lower their standards of living to accomplish this goal. They are not equipped to handle the social consequences of rapid growth (Rock 1976). They have quickly gone from debt-free communities to municipal complexes that face complicated financial issues (Slocum 1977). Unfortunately, in the United States, national and state efforts to cope with the socioeconomic effects produced by the cyclic behavior of the extractive industry are limited in their extent or non-existent.

2. Gulf of Mexico Boom Cycle

Like the western states, Gulf of Mexico communities have felt the effects of boom-cycle hyperurbanization. Their populations changed with the transient character of the labor force. Unlike mining towns in the western United States, communities of the Gulf coastal wetlands had to use their limited natural levees to provide the offshore developers with their required services.

Discovery, in 1901, of marketable hydrocarbon in south Louisiana was a milestone event. From this beginning grew a massive industry upon which many Gulf coast communities' economic life flourished. It marked not only the industry's beginning within the region, but also produced sensational socio-economic change. This change was accelerated after 1947 when the first producing well, out-of-sight-of-land, was completed off Louisiana's coast.

The Gulf of Mexico undersea mineral province cannot function without logistic support facilities. Unlike western coal states, that can be supplied via federally subsidized roads and railroads, offshore exploration and development firms had to create their own transportation system.

Equipment cannot be imported easily; it must be built locally and shipped to exploration and/or development sites. Consequently, virtually every community with direct access to the Gulf of Mexico serves one or more support services.

The offshore oil and gas transportation system does not involve one, two or three railroads, as is the case in the western states, but more than 1000 major pipelines corridors and thousands of miles of canals. Each right-of-way represents an independent unit, characterized by tributary feeder systems that have evolved into an integrated, complex, network of transportation arteries. Whereas Burlington Northern constructed a 127-mile trunk line to meet the transportation requirements of the Powder River Basin coal companies, Louisiana's alluvial wetlands alone are laced with an subaqueous pipeline network that is larger than this route by a factor of at least 100 times.

Construction of this system has been in direct response to drilling activity in the Gulf of Mexico. With aggressive exploration, the transportation routes had to expand, resulting in one of the most complex pipeline/canal networks in the world. The interconnected system is utilized by more than 50 companies to move mineral fluids to processing plants, refineries, residential markets, tank storage sites and ultimately to transport areas where the fuels are shipped nationwide. The pipeline/canal transportation network is a maze, whose linear geometry is a product of the outer continental shelf's mineral resources. It as constructed by the industry and represents one element in an intricate network of connecting links required to find, develop, process and market the area's hydrocarbon reserves.

In an economic context, resource development in the western states is compact. All necessary exploration and mining tools are imported and assembled at the site. Specialized excavation equipment can be provided by manufacturing firms outside of the region. There is no elaborate infrastructure required to operate the mine. Once the equipment is in place and in most cases plugged into an electrical source the mine is operational. As long as the mine has electricity and the trucks roll, the mine is in production. This type of mining is relatively simple when compared to supporting Gulf offshore mining operations.

Everything associated with the offshore mining operation has to originate from supply bases onshore. Equipment cannot be imported easily; it must be built locally and shipped to the exploration and/or development site. Consequently, exploration and development in the subaqueous habitats

offshore, requires space and influences local industrial, land-use, and land-cover patterns more than terrestrial mining.

Shipyards have to fabricate vessels capable of operating in the open waters of the Gulf of Mexico. Numerous ports and harbors have developed to provide the Gulf marine service fleet with access to the offshore zone. Casing, mud, pipe, cement and other expendables are moved from on shore bases to the job site by a continuous ferry system.

If exploratory drilling discovers economically recoverable hydrocarbons, stationary platforms are installed to drill the development structures pinned to the floor of the Gulf of Mexico. Often as tall as a skyscraper, the completed rig must be built locally and manufacturing sites are part of land-based logistic support services. Each site often requires more than one-square mile.

Whether mining engineers are planning a coal, uranium, molybdenum or gold mine, the support center rarely involves more than 200 acres. In south Louisiana, the collective support sites involve thousands of acres. A pipe supply yard may encompass more than 100 acres while oil field-related transportation facilities parallel all of the region's major waterways and wharf space is difficult to find.

Numerous oil-related businesses are centered in Gulf coast communities. These cities meet the managerial demands of the energy boom. In the west, Denver exploded with growth as oil in the Overthrust Belt and coal in the surrounding states was developed. The energy business initiated a building boom that changed the city's character (Morgenthaler 1982). Between 1973 and 1977 the number of energy-related firms headquartered in Denver increased from 350 to more than 1000. The city provides the energy exploration and development teams with virtually all of their needs (Murray 1977). The inner city witnessed a resurgence (Kronhole 1979). Houston, Lafayette, New Iberia, Houma and New Orleans have experienced the same growth. The industry is not localized, as is the case in Denver. Denver's growth as a support center supersedes all other cities for regional dominance. In Gulf coastal communities, there is a hierarchy of importance, but the impacts are universal. Communities within the region have all witnessed the impact of thousands of energy-related businesses. All of these are tied directly or indirectly to retrieving mineral fluids from submerged locations.

Oil-related firms along the Gulf Coast consolidated into industrial complexes or development corridors to form distinct patterns, typical of

the petroleum industry's regional dominance. It is expected that these support facilities will continue to serve the offshore market for the remainder of the century. Both sides of many of the access highways in these communities are dotted with metal buildings vying for valuable space. Prefabricated structures house the companies that cater to every aspect of the maritime-petroleum business, turning the Gulf's coastal settlement clusters into major logistic support centers.

Jobs and people have come with this elaborate infrastructure. The population base increased dramatically between 1950 and the early 1980s. In cities, now considered major support centers, population expanded by as much as 50 percent. Men were hired to operate equipment and meet production schedules. In the early phases of mineral exploitation, petroleum entrepreneurs used individuals from other areas. Locals were added gradually to the labor pool. Even so, the boom benefited everyone.

3. Gulf of Mexico Bust Cycle

An unprecedented economic boom was experienced among communities within the Texas-Louisiana Gulf Coast during the 1970s. Rising prices for oil and gas drove an economy characterized by rapidly growing employment and income gains associated with increased exploration, drilling, and production activity (Weinstein et al. 1985). Optimism created by the rapid rise in the price of oil between 1979 and 1981 was dampened by the price decline experienced in 1982. Belief that the price decline would prevail for only a short term was shattered as prices plummeted in early 1986.

Conditions began to deteriorate following the price decline in 1982. A report prepared for the Subcommittee on Economic Goals and Intergovernmental Policy of the Joint Economic Committee of the Congress of the United States revealed that by 1985 "every metropolitan area along the Gulf Coast has experienced large declines in manufacturing employment since 1980, with losses ranging from 4.8 percent in Lafayette to 33.3 percent in Lake Charles" (Weinstein et al. 1985). Unemployment rates within the area exceeded the national average; a condition which continued throughout most of the decade. The last sentence of the report's Executive Summary states: "Industrial diversification has become an imperative for economic survival."

The international supply and demand relationship for crude oil exerts a major influence on domestic oil production (Weinstein et al. 1985). The international market price for crude oil--the OPEC "benchmark price" or

the price for "Saudi Light" is the greatest influence on the supply-demand relationship. The economic boom experienced along the Gulf Coast during the 1970s resulted primarily from rising oil prices. In 1982 prices dropped in response to the oil glut in the world market. A second major reduction in oil prices occurred in 1985 in response to production increases by Saudi Arabia. World oil prices were about $40 per barrel in 1981. By December 1985 the price had dropped to $28 per barrel, and during July 1986, the price dropped below $10 per barrel (U.S. Congress, OTA 1987).

The price-related decline impact on the domestic oil industry was catastrophic. Industry employment dropped from a 1982 high of 708,000 to 422,000 in September 1986. During that period oil field service employment dropped from 435,000 to 206,000. Exploration and production capital spending decreased from $50 billion in 1981 to $16 billion in 1986. The fiscal optimism evidenced by the popular early 1970s oil patch slogan "$85 by '85" (meaning oil prices of $85 per barrel by 1985) quickly faded into oblivion as Gulf Coast communities came to grips with the unexpected reality of economic recession and net population decreases (U.S. Congress, OTA 1987).

The negative effects caused by low oil prices impacted the national economy but were largely concentrated in a few key oil-producing states including Texas and Louisiana. The sustained level of low oil prices resulted in a drop in investments in exploration and development, loss of business to industries servicing oil producers, financial damage caused by widespread company failures and loan defaults, unemployment, and loss of tax receipts (U.S. Congress, OTA 1987).

Every time the price of oil drops $1 a barrel, Louisiana's government loses at least $50 million in taxes, royalties and bonuses. The "dizzy" decline in the per barrel price, meant Louisiana, for example, was looking at, in 1986, a shortfall of at least $500 million (Redman 1986). In addition, for every $1 decline in oil prices, 3000 Louisiana workers lose their jobs (Judice and McQuaid 1986).

Petroleum has been the driving force behind much of the central and western Gulf coast's economy. Unfortunately, without diversified industries income is linked directly to the fortunes of the oil and gas extraction business. Oil-related money is drying up, and the associated upheaval is leaving massive social and psychological scars. In addition, faced with huge deficits, Texas and Louisiana have been forced to take belt-tightening measures, thereby reducing the availability of badly needed social programs.

Families that at one time depended on renewable resources were making a good living on nonrenewable resources. However, in less than five years the industry collapsed, along with the inflated wages associated with a booming economy. On the business side, the unwritten slogan was "Stay Alive until '85," that changed to "Chapter 11 in '87," referring to Chapter 11 bankruptcy proceedings. Bankruptcies, bank foreclosures (Smith 1987), business failures, and the inability to pay mounting debts were common. Since 1985 they dramatically increased but stabilized by 1987 (Lamb 1988). The "bust" was particularly difficult, as the region does not have a diversified economy. There were no jobs for the unemployed and many people were having financial problems for the first time in their lives.

When oil prices first began to move down, it became apparent there would be some unemployment. No one was ready for the large number of people who lost their jobs. The thought was the industry will come back. It always has; but the recovery is not complete. The jobless rate has reached the point where workers are leaving the economically depressed region looking for jobs elsewhere. There is a heightened level of despair among the unemployed workers who cannot sell their homes. If they find a potential buyer, they must take a significant loss. Both situations are unacceptable. The exception are those individuals who lived in mobile homes. Out-migration has been so great entire trailer parks have moved to new areas (McRae 1985).

Price-related decline scenarios are far more unpredictable than eventual declines resulting from resource depletion. Communities along the Gulf of Mexico were ill prepared to contend with the severe, unexpected economic and demographic impacts resulting from the price-related decline. The prosperity attained from a viable oil and gas industry contributed to a false sense of security, which was shattered as oil and gas prices plummeted. The need to diversify the region's economic base was not readily apparent until it was too late. Communities were ill prepared to contend with the magnitude and intensity of redevelopment required to maintain the economy as the population base began to diminish and jobs began decreasing.

B. Relationship between OCS Oil and Gas Activities and Socioeconomic Conditions

Recent declines in the price of oil and gas have led to corresponding declines in oil and gas activities. This recent price-related decline has contributed to a general economic recession within coastal communities whose economic base is founded on oil and gas activities. The conditions resulting from the recent price-related decline provide a case study scenario upon which future socioeconomic impacts resulting from a resource depletion can be explored.

Correlation and simple linear regression were the statistical methods employed to identify relationships between OCS oil and gas activities and the socioeconomic conditions of the study area. Following exploratory data analysis, stepwise multiple linear regression was used to formulate definitions for an overall global model describing the relationships between OCS oil and gas activity (independent variables) and socioeconomic change (dependent variables). The formulation of such a model depends heavily on substantive theory. Therefore, a number of theoretical questions had to be answered before an appropriate model could be specified. These questions included:

1. What are the relationships between OCS and non-OCS activity and how do each of these influence the socioeconomic conditions within the study area?
2. Does a distinction need to be made between oil and gas production and oil and gas development since these two types of activity may have differing economic impacts?
3. What is the actual area of impact? Are all regions within the study area equally affected by the decline in OCS production?

The regression equations for the proposed model will take the form:

$$Y = f(X_1, X_2, X_3 \ldots X_n)$$

such that the dependent variable Y is a function of the effects of the independent variable X. This equation can be used to make predictions. That is, under the assumption that there is a statistical relationship between the independent and dependent variables, the value of the dependent variable can be estimated when given the value of the independent variable.

1. Variables Defined

a. Independent Variables

The independent variables for the model were examined first. The following four indicators of OCS oil and gas activity were examined:

- number of exploratory wells drilled (EXPWEL#2),
- development wells drilled (DEVWEL#2)
- OCS oil and gas production in barrel equivalents (BBLEQV#2)
- value OCS of oil and gas produced (PRD$8CA2).

Two non-OCS (State) oil and gas activity indicators, value of production and oil and gas production (barrel equivalents), were also examined.

- state oil and gas production in barrel equivalents (SBBLEQV#2)
- value state of oil and gas produced (STPRD80$).

Data on the four indicators from the central and western GOM planning areas for the years 1960, 1970 and 1980 through 1987 were provided by MMS. The non-OCS, state data were obtained from the respective states in the study area.

b. Onshore Impact Allocation Model

Before relationships between OCS activities and socioeconomic conditions of the study area could be identified it was necessary to assign OCS activities by planning area to one or more coastal areas onshore.

An onshore impact allocation model was used to assign Outer Continental Shelf (OCS) Central and Western Planning Areas (offshore) oil and gas activity to Central and Western Coastal Analysis Areas (onshore) (Table 5.). The allocation impact model was developed by the Minerals Management Service based on data from a sample of plans of exploration.

Table 5.
Proportion of OCS planning area activity
allocated to coastal analysis areas

COASTAL ANALYSIS AREA	PLANNING AREA						
	C1	C2	C3	C4	W 1	W 2	W 3
C1	.48	.06	.02			.31	.66
C2	.44	.61	.13			.08	.34
C3	.03	.33	.83	.11			
C4				.89			
W 1					.82	.07	
W 2	.05		.02		.18	.54	

Activities associated with the OCS oil and gas activities (independent variables) occur offshore. The impacts of these activities (dependent variables) occur onshore. The onshore impact allocation model provides the means to assign offshore activity by planning area to one or more coastal areas onshore. For example, looking at Table 5., 89 percent of the OCS oil and gas activity occurring in planning area C4 (.89C4) is associated with onshore coastal area C4. The balance of activity occurring in planning area C4 (.11C4) is assigned to onshore coastal area C3. Coastal area C3 is also allocated three percent of the activity from planning area C1, 33 percent of the activity from planning area C2, and 83 percent of the activity from planning area C3. Therefore the overall impact assigned to coastal area C3 is presented in the onshore impact allocation model by the following formula: C3 = (.03C1 + .33C2 + .83C3 + .11C4).

c. Dependent Variables

The dependent variables were then examined. Measurable socioeconomic attributes associated with population, earnings, jobs, local government revenue and local government expenditures served as dependent variables. Only variables which had data available by county or parish on an annual basis for the years 1960, 1970, and 1980 through 1986 were selected. A single dependent variable for each model considered was used since multiple dependent variables would make the models difficult to interpret. The variables were selected based on theoretical meaning and statistical analysis.

2. Preliminary Data Analysis

a. Correlation Among Variables

It was necessary to inspect the data to determine if some variables provided redundant information. For example, areas of declining employment showed declining sales tax revenues for local governments. This condition of high correlation (providing redundant information) is known as multicollinearity and has implications for the reliability of the statistical results.

Correlation was used initially for exploratory data analysis to detect multicollinearity among potential independent and dependent variables and to investigate patterns of relationships among subgroups of similar variables.

For the correlation coefficient tables presented, the correlation coefficient is given first. and is followed by the level of significance (p). If $p > .05$, then the correlation is not considered significant and is assumed to be equal to zero, i.e., there is no relationship. The number of cases used to compute the coefficients is given in the title of each table. Exceptions to the number of cases used is noted were applicable.

The correlation among the indicators of OCS and non-OCS (state land and water bottom) oil and gas production are shown in Table 6. The OCS variables are all highly related indicating multicollinearity. The non-OCS variables and the OCS variables have low to zero correlation (.4413 is the highest), indicating that non-OCS production is not substantially related to OCS production. This would seem to imply that non-OCS declines may have differential impacts on socioeconomic changes compared to OCS declines.

Table 6.
OCS and non-OCS oil and gas activity indicators:
correlation matrix

CORRELATION COEFFICIENTS/ONE-TAILED SIGNIFICANCE
(NUMBER OF CASES=60)

	EXPWEL#2	BBLEQV#2	PRD$8CA2	STPRD80$
BBLEQV#2	.8715 P=.000			
PRD8$CA2	.8962 P=.000	.9067 P=.000		
STPRD80$	.4413 P=.000	.4403 P=.000	.3928 P=.001	
SBBLEQUI	.1365 P=.149	.2254 P=.042	.0152 P=.454	.5928 P=.000

Table 7 shows correlation among employment variables for various segments of the labor market. All correlations were statistically significant. The majority of correlation are moderately high to high, indicating high levels of redundancy for this information. The low correlation between number of federal military jobs and number of jobs in other areas seems reasonable as employment in the federal military is not dependent on local economies.

Correlation among categories of local government spending are shown in Table 8. All correlation are significant and high (.7128 is the lowest), indicating high levels of multicollinearity.

Correlation among categories of local government revenues are in Table 9. All correlation are significant and high (.8594 is the lowest), indicating high levels of multicollinearity.

Table 7.
Major industry job components; correlation matrix

CORRELATION COEFFICIENTS/ONE-TAILED SIGNIFICANCE
(NUMBER OF CASES=60)

	FARM*	AGSER*	CONSTRU	MINE	MANUFAC	TRANSUTI	WHOLESAL	RETAIL	FININSRE	SERVICE	FEDCIL	FEDMIL	STATELC
AGSER*	.7589												
	P=.000												
CONSTRU	.6045	.8680											
	P=.000	P=.000											
MINE	.5653	.8032	.9561										
	P=.000	P=.000	P=.000										
MANUFAC	.6233	.8455	.9711	.8966									
	P=.000	P=.000	P=.000	P.000									
TRANSUTI	.4413	.7979	.9608	.9280	.9357								
	P=.001	P=.000	P=.000	P=.000	P=.000								
WHOLESAL	.5414	.8452	.9860	.9559	.9586	.9865							
	P=.000	P=.000	P=.000	P=.000	P=.000	P=.000							
RETAIL	.5505	.8870	.9738	.9398	.9370	.9797	.9897						
	P=.000	P=.000	P=.000	P=.000	P=.000	P=.000	P=.000						
FININSRE	.5310	.8846	.9588	.9345	.9082	.9689	.9786	.9956					
	P=.000	P=.000	P=.000	P=.000	P=.000	P=.000	P=.000	P=.000					
SERVICE	.5124	.8714	.9548	.9305	.9090	.9748	.9798	.9957	.9988				
	P=.000	P=.000	P=.000	P=.000	P=.000	P=.000	P=.000	P=.000	P=.000				
FEDCIL	.3763	.7786	.7785	.6967	.8024	.8538	.8438	.8581	.8480	.8599			
	P=.004	P=.000	P=.000	P=.000	P=.000	P=.000	P=.000	P=.000	P=.000	P=.000			
FEDMIL	.1623	.3863	.2326	.0675	.3480	.2294	.2596	.2817	.2765	.2771	.5817		
	P=.135	P=.003	P=.056	P=.324	P=.008	P=.058	P=.037	P=.026	P=.029	P=.028	P=.000		
STATELC	.5026	.8707	.9681	.9191	.9243	.9741	.9733	.9868	.9862	.9849	.8221	.2336	
	P=.000	P=.000	P=.000	P=.000	P=.000	P=.000	P=.000	P=.000	P=.000	P=.000	P=.000	P=.055	
TTLJOBS	.5559	.8782	.9832	.9465	.9512	.9825	.9949	.9983	.9918	.9917	.8485	.2833	.9847
	P=.000	P=.000	P=.000	P=.000	P=.000	P=.000	P=.000	P=.000	P=.000	P=.000	P=.000	P=.025	P=.000

*NUMBER OF CASES=48

Table 8.
Local government expenditure components; correlation matrix

CORRELATION/COEFFICIENTS/ONE-TAILED SIGNIFICANCE
(NUMBER OF CASES=42)

	DRGNEX8$	ED80$	HGWYS80$	PUBWEL8$	HLTHHS8$	POLPRT8$	FIREPR8$	HOUSE80$	FINADM8$	INTDT80$
ED80$	.9949									
	P=.000									
HGWYS80$	.9868	.9786								
	P=.000	P=.000								
PUBWEL8$	.9468	.9292	.9392							
	P=.000	P=.000	P=.000							
HLTHHS8$	.9758	.9547	.9629	.9519						
	P=.000	P=.000	P=.000	P=.000						
POLPRT8$	.9957	.9828	.9807	.9525	.9818					
	P=.000	P=.000	P=.000	P=.000	P=.000					
FIREPR8$	.9958	.9912	.9851	.9593	.9707	.9921				
	P=.000	P=.000	P=.000	P=.000	P=.000	P=.000				
HOUSE80$	.7315	.6814	.7382	.7896	.8066	.7545	.7265			
	P=.000	P=.000	P=.000	P=.000	P=.000	P=.000	P=.000			
FINADAM8$	.9963	.9902	.9793	.9276	.9744	.9935	.9882	.7191		
	P=.000	P=.000	P=.000	P=.000	P=.000	P=.000	P=.000	P=.000		
INTDT80$	.9764	.9654	.9600	.8816	.9554	.9792	.9589	.7128	.9844	
	P=.000	P=.000	P=.000	P=.000	P=.000	P=.000	P=.000	P=.000	P=.000	
GENDT80$	.7732	.7343	.8136	.7304	.8087	.7851	.7526	.8109	.7686	.8034
	P=.000	P=.000	P=.000	P=.000	P=.000	P=.000	P=.000	P=.000	P=.000	P=.000

Table 9.
Local government revenue components;
correlation matrix

CORRELATION COEFFICIENTS/ONE-TAILED SIGNIFICANCE
(NUMBER OF CASES=42)

	GENRV80$	STATE80$	FED80$	LOCAL80$	TAXES80$
STATE80$	.9958 P=.000				
FED80$	.9346 P=.000	.9384 P=.000			
LOCAL80$	.9993 P=.000	.9921 P=.000	.9247 P=.000		
TAXES80$	.9957 P=.000	.9863 P=.000	.9137 P=.000	.9975 P=.000	
PROP80$	.9757 P=.000	.9643 P=.000	.8594 P=.000	.9801 P=.000	.9889 P=.000

Table 10 shows correlation among earnings from various sectors of the labor market. Zero correlation between earnings in federal job sectors (civilian and military) and earnings dependent on local economies are theoretically reasonable. Some low correlation exist between earnings from farming/agricultural services and other sectors such as manufacturing, mining, and service. If earnings in areas like mining and construction are related to oil and gas decline, it may be that agricultural-related earnings were not affected by such declines.

The correlation between state population and migration is statistically significant but moderate. Inspection of raw data shows that population gradually increased over time, while migration figures increased and decreased in variable patterns across coastal areas (Table 11).

Table 11.
Population by net migration;
correlation matrix

CORRELATION COEFFICIENTS/ONE-TAILED SIGNIFICANCE
(NUMBER OF CASES=48)

	POPULATN
MIGRATN	.3779 P=.004

Table 10.
Major industry job earnings; correlation matrix

CORRELATION COEFFICIENTS/ONE-TAILED SIGNIFICANCE
(NUMBER OF CASES=60)

	FARM80$*	AGSER80$*	MINE80$	CNSTR80$	MANFC80$	TRNUTL8$	WHLSL80$	RTAIL80$	FNINST8$	SRVCE80$	FEDCV80$	FEDML80$*	STLOC80$	TOTAL80$	TTLPSIN8	
AGSER80$*	.2231															
	P=.052															
MINE80$	.2758	.4449														
	P=.022	P=.000														
CNSTR80$	.3153	.5597	.9648													
	P=.010	P=.000	P=.000													
MANFC80$	.3499	.5508	.9348	.9874												
	P=.005	P=.000	P=.000	P=.000												
TRNUTL8$	.3502	.2550	.5775	.5907	.6296											
	P=.005	P=.031	P=.000	P=.000	P=.000											
WHLSL80$	.2901	.5381	.9707	.9865	.9775	.6178										
	P=.017	P=.000	P=.000	P=.000	P=.000	P=.000										
RTAIL80$	.3134	.4906	.9605	.9734	.9640	.6297	.9919									
	P=.011	P=.000	P=.000	P=.000	P=.000	P=.000	P=.000									
FNINST8$	.2884	.4305	.9320	.9255	.9106	.5785	.9569	.9737								
	P=.017	P=.001	P=.000	P=.000	P=.000	P=.000	P=.000	P=.000								
SRVCE80$	.2575	.4567	.9510	.9425	.9245	.5683	.9723	.9856	.9842							
	P=.030	P=.000	P=.000	P=.000	P=.000	P=.000	P=.000	P=.000	P=.000							
FEDCV80$*	.2151	.4219	.7838	.8147	.8240	.4970	.8699	.8914	.8658	.8819						
	P=.059	P=.001	P=.000	P=.000	P=.000	P=.000	P=.000	P=.000	P=.000	P=.000						
FEDML80$*	.0755	-.0459	-.2218	-.1409	-.0581	-.1073	-.1109	-.0842	-.0749	-.0883	.2387					
	P=.294	P=.371	P=.054	P=.155	P=.338	P=.220	P=.212	P=.272	P=.295	P=.263	P=.041					
STLOC80$	.2666	.4336	.9413	.9487	.9221	.5349	.9580	.9776	.9765	.9855	.8491	-.1233				
	P=.026	P=.001	P=.000	P=.000	P=.000	P=.000	P=.000	P=.000	P=.000	P=.000	P=.000	P=.187				
TOTAL80$	.3262	.4941	.9627	.9770	.9732	.6859	.9914	.9945	.9664	.9764	.8625	-.0992	.9662	1.0000		
	P=.008	P=.000	P=.000	P=.000	P=.000	P=.000	P=.000	P=.000	P=.000	P=.000	P=.000	P=.238	P=.000	P=.		
TTLPSIN8	.2968	.4917	.9634	.9759	.9654	.6016	.9914	.9973	.9770	.9907	.8785	-.0830	.9824	.9930		
	P=.015	P=.000	P=.000	P=.000	P=.000	P=.000	P=.000	P=.000	P=.000	P=.000	P=.000	P=.275	P=.000	P=.000		
PERCPT$8	- .1929	.3466	.7210	.6875	.6304	.3029	.6844	.6811	.6501	.7074	.5320	-.2977	.7171	.6716	.6964	
	P=.081	P=.005	P=.000	P=.000	P=.000	P=.009	P=.000	P=.000	P=.000	P=.000	P=.000	P=.014	P=.000	P=.000	P=.000	

*NUMBER OF CASES=54

Tables 12 and 13 exhibit correlation between indicators of oil and gas production and selected dependent variables. A clear pattern emerges. Nonsignificant correlation exist between OCS oil and gas activity indicators and all dependent variables except per capita income. Small but significant correlation exist between non-OCS production value and dependent variables. This indicates that non-OCS activity had more impact than OCS activity.

Table 12.
OCS and non-OCS oil and gas activity indicators by local government expenditures, local government revenue, total jobs, total personal income and per capita income;
correlation matrix

CORRELATION COEFFICIENTS/ONE-TAILED SIGNIFICANCE
(NUMBER OF CASES=60)

	DRGNEX8$*	GENRV80$*	TTLJOBS	TOTAL80$	PERCPT$8
EXPWEL#2	-.0936	-.0799	-.0811	-.0880	.4112
	P=.278	P=.308	P=.269	P=.252	P=.001
BBLEQV#2	-.0859	-.0760	-.0754	-.0709	.4501
	P=.294	P=.316	P=.283	P=.295	P=.000
PRD$8CA2	-.0842	-.0709	-.0646	-.0674	.4731
	P=.298	P=.328	P=.312	P=.304	P=.000
STPRD80$	.2585	.2598	.4088	.4151	.5244
	P=.049	P=.048	P=.001	P=.000	P=.000
SBBLEQUI	.0127	.0076	.0809	.0851	.0048
	P=.468	P=.481	P=.270	P=.259	P=.485

*NUMBER OF CASES=42

Table 13.
OCS and non-OCS oil and gas activity indicators by population, net migration, mining jobs and mining job earnings; correlation matrix

CORRELATION COEFFICIENTS/ONE-TAILED SIGNIFICANCE
(NUMBER OF CASES=60)

	POPULATN	MIGRATN	MINE	MINE80$
EXPWEL#2	-.1153	-.1263	0.0271	.0042
	P=.190	P=.196	P=.419	P=.487
BBLEQV#2	-.1161	-.0828	.607	.0311
	P=.189	P=.288	P=.322	P=.407
PRD$8CA2	-.1051	-.1142	.0345	.0169
	P=.212	P=.220	P=.397	P=.449
STPRD80$	.3675	.3746	.5581	.5208
	P=.002	P=.004	P=.000	P=.000
SBBLEQUI	.0712	.1520	.1711	.1374
	P=.294	P=.151	P=.096	P=.148

In summary, results indicated that the variables are highly multicollinear, i.e., they have high correlation. Thus the variables are providing redundant information. For example, the high correlation between the number of jobs in the wholesale sector and jobs in the retail market is reflective of the interdependency of theses two sectors. When employment is depressed or elevated in one sector, it is similarly depressed or elevated in the other sector as well.

Multicollinearity presents particular problems in the development of cause-effect models as redundant information will not aid in explaining variation in the independent or dependent variables. In addition, multicollinearity contributes to imprecise estimates of regression coefficients and has adverse effects on the estimation of standard errors and thus on statistical significance testing.

The information from the first stage of the correlation analysis indicated that initial hypotheses (high degrees of relationship between OCS oil and gas activity and socioeconomic indicators) could not be confirmed. Thus, the second stage of the exploratory analysis began with the inspection of scatter plots. The plots were constructed using the regression format of SPSS PLOT procedures, such that significance levels and figures on levels of explained variance could be reviewed as well. The objectives were to answer the following questions:

(1) If there were not significant linear relationships between independent and dependent variables, what were the relationships?

(2) Were there observations in the data set that were unlike the bulk of the observations and thus were contributing to unusually low correlation?

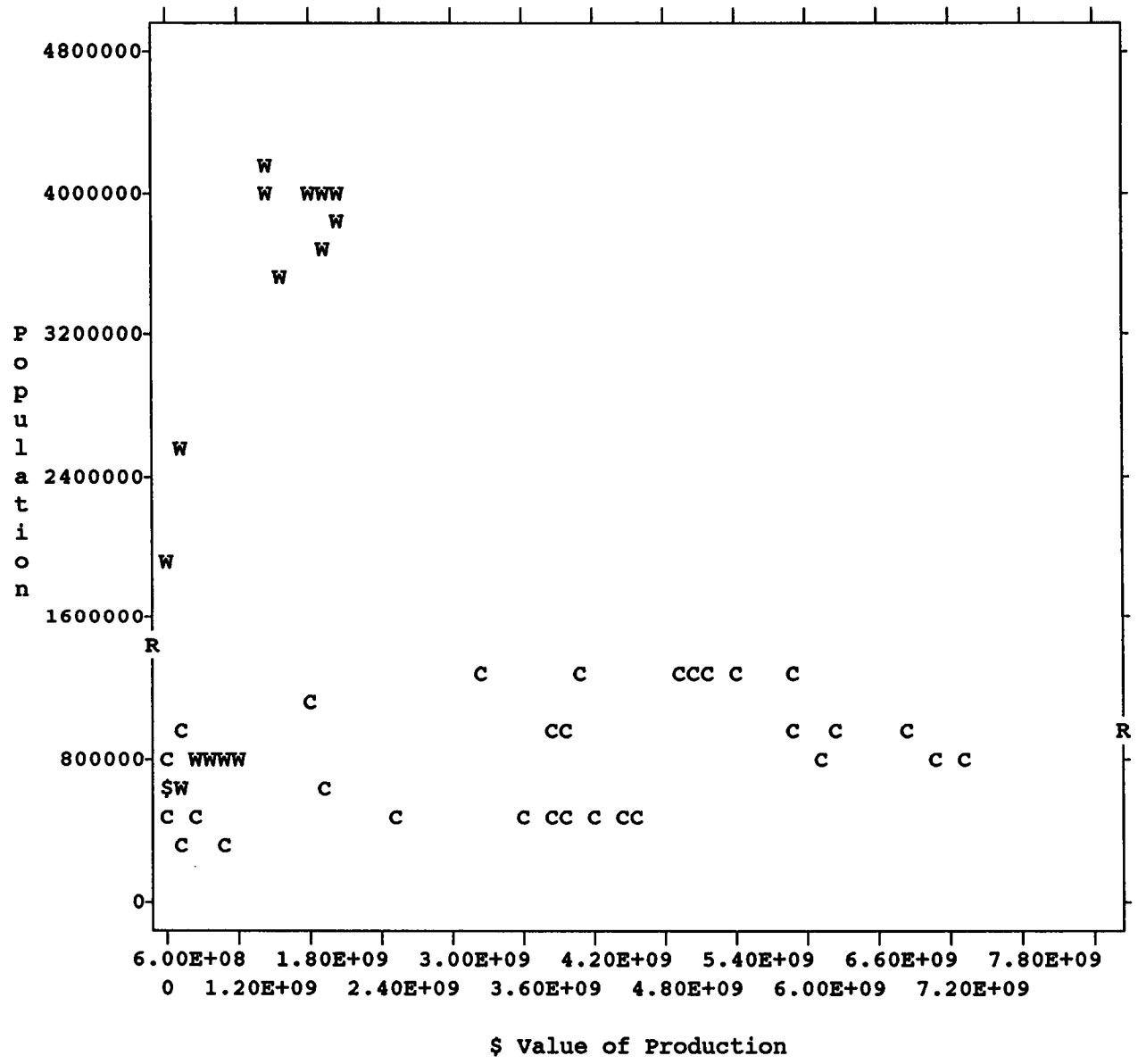
b. Homogeneity of Data Values

Simple scatter plots were constructed with the dependent variable on the vertical axis and the independent variable on the horizontal axis to identify the homogeneity of data between coastal analysis areas.. Figures 35 - 42 display a representative set of scatter plots using various socioeconomic indicators and the variable PRD$8CA, dollar value of OCS production. Similar results were obtained for other pairs of dependent and independent variables. This would be expected since the subsets of variables are highly multicollinear.

In all cases, a distinctive pattern was noted. Data points in coastal area W2 (the upper Texas coast) were extremely different from data points in the other coastal areas. These types of extreme points are known as outliers. An outlier is a plotted value that deviates from the bulk of the observations in a data set. Outliers have the effect of diminishing the measure of linear relationships. In a preliminary analysis, the presence of outliers must be substantively examined, that is, a theoretical explanation for the deviant points needs to be explored in order to determine how to treat that data in the rest of the analysis.

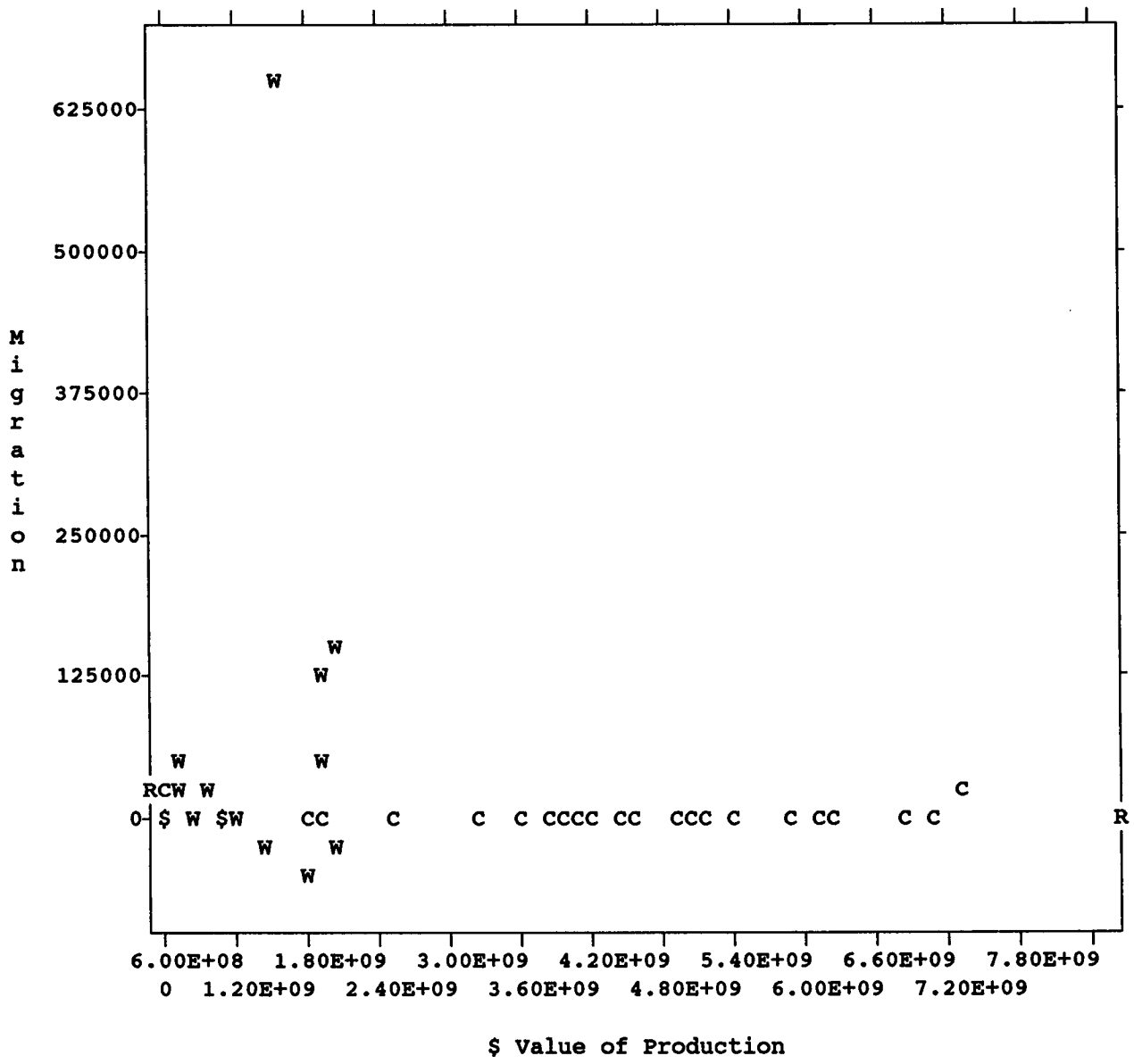
Thus, this repeated pattern led to another question: What geographic area was actually impacted by the declines in offshore oil and gas production? The project study area as originally defined by MMS consisted of 49 counties and parishes that bordered the Gulf of Mexico or were part of metropolitan areas near the Gulf. Selection of the study area was based primarily on proximity rather than on actual economic impact.

The findings from the initial statistical analysis pointed to the need to reconsider the defined impact area within the study area and to only include those counties and parishes impacted by OCS activity in further analyses.



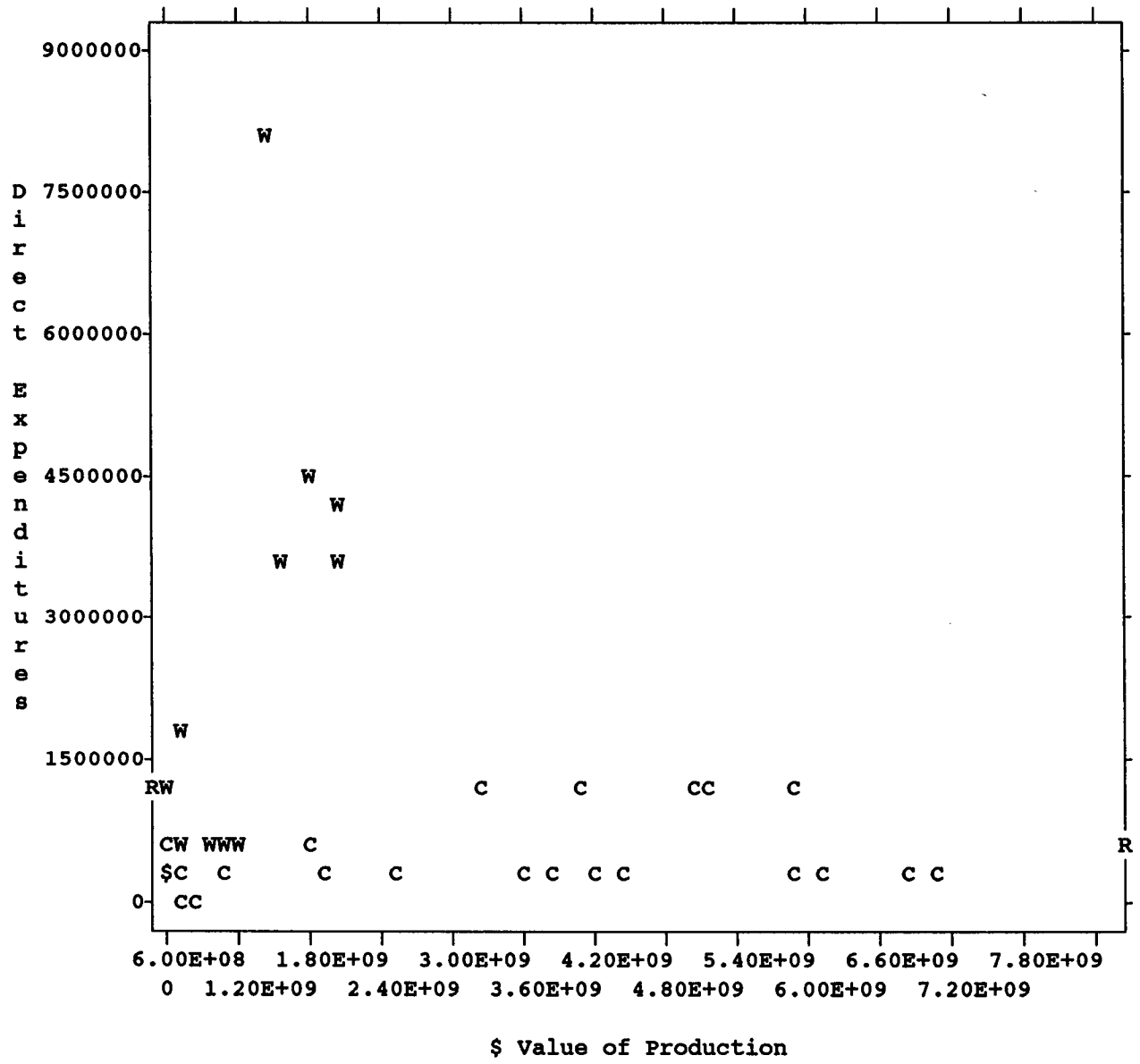
60 cases plotted. Regression statistics of POPULATN on PRD$8CA2:
Correlation -.10506 R Squared .01104 S.E. of Est 1121833.87 Sig. .4244
Intercept(S.E.) 1368988.90(199771.42) Slope(S.E.) -.00006(.00007)
Use first character of CAA as plotting symbol and $ for multiple occurrence.

Figure 35. Population as a function of dollar value of OCS production



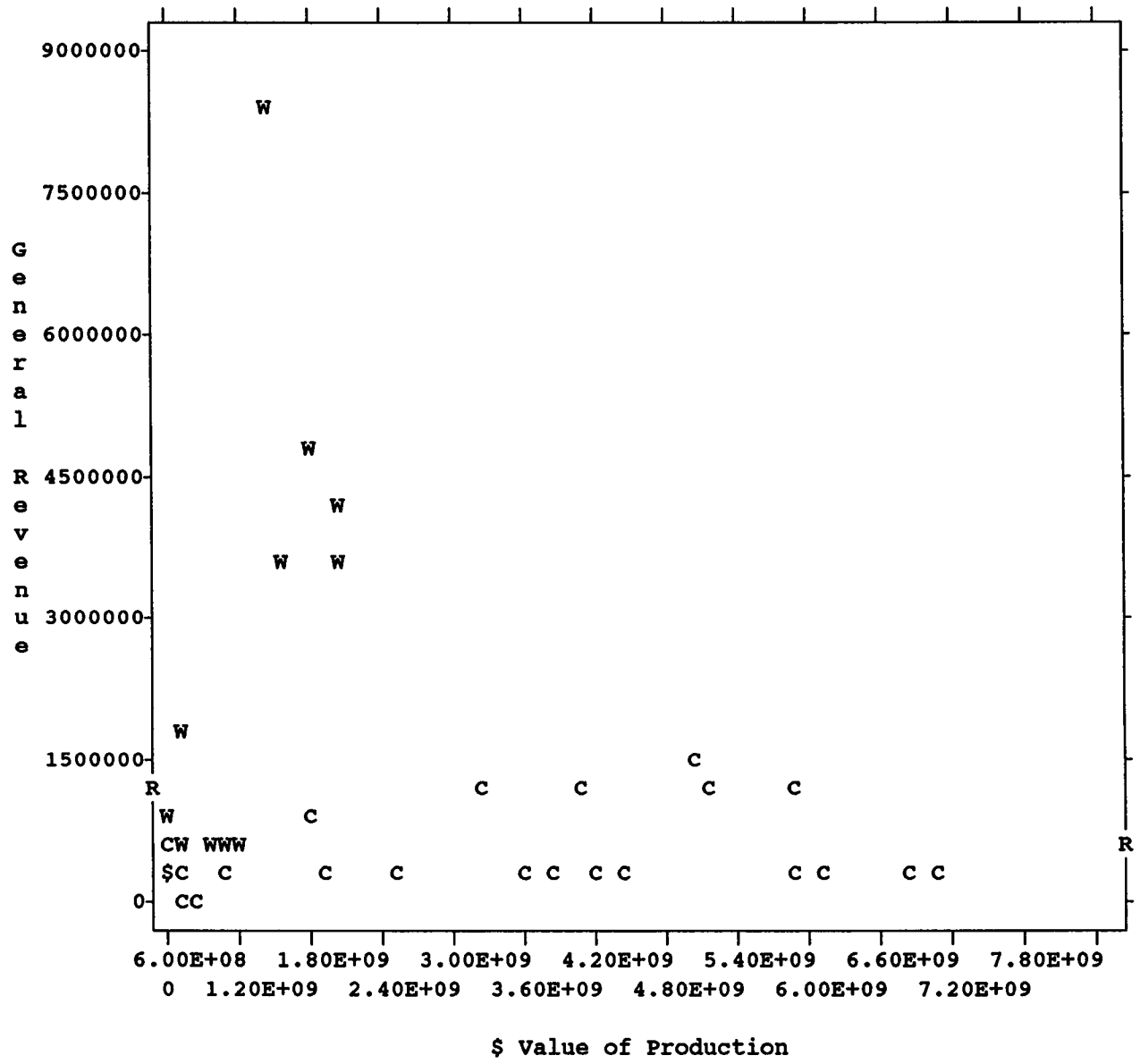
48 cases plotted. Regression statistics of MIGRATN on PRD$8CA2:
Correlation -.11417 R Squared .01303 S.E. of Est 97371.1104 Sig. .4397
Intercept(S.E.) 32116.7666(20343.361) Slope(S.E.) -.00001(.00001)
Use first character of CAA as plotting symbol and $ for multiple occurrence.

Figure 36. Migration as a function of dollar value of OCS production



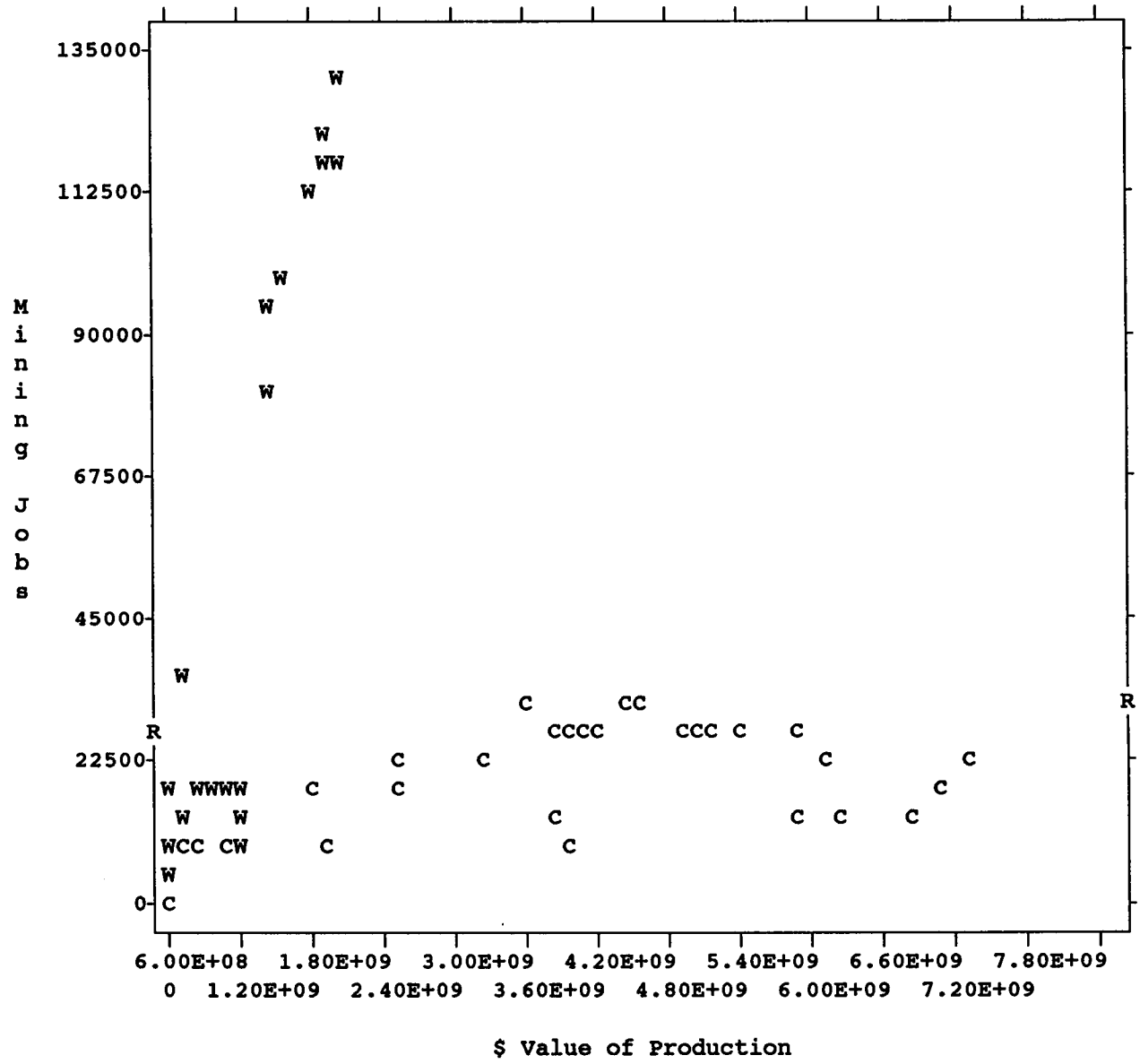
42 cases plotted. Regression statistics of DRGNEX8$ on PRD$8CA2:
Correlation -.08418 R Squared .00709 S.E. of Est 1556912.55 Sig. .5961
Intercept(S.E.) 1166800.82(320987.09) Slope(S.E.) -.00006(.00012)
Use first character of CAA as plotting symbol and $ for multiple occurrence.

Figure 37. Local government direct expenditures as a function of dollar value of OCS production



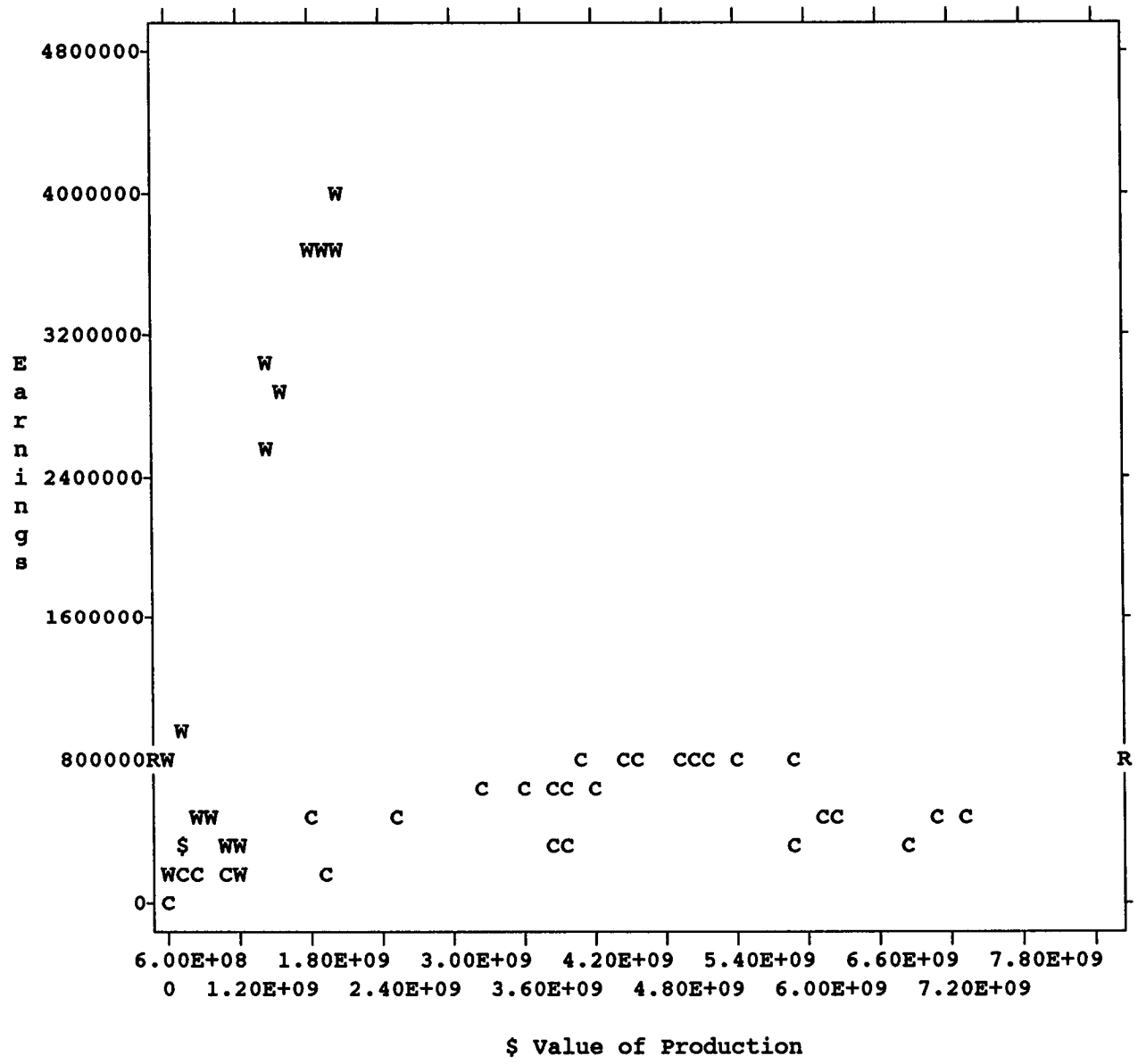

```
42 cases plotted. Regression statistics of GENRV80$ on PRD$8CA2:
Correlation -.07090 R Squared  .00503  S.E. of Est 1638622.62 Sig.  .6555
Intercept(S.E.) 1197410.22(337833.16)  Slope(S.E.)    -.00006(   .00013)
Use first character of CAA as plotting symbol and $ for multiple occurrence.
```

Figure 38. Local government general revenue as a function of dollar value of OCS production



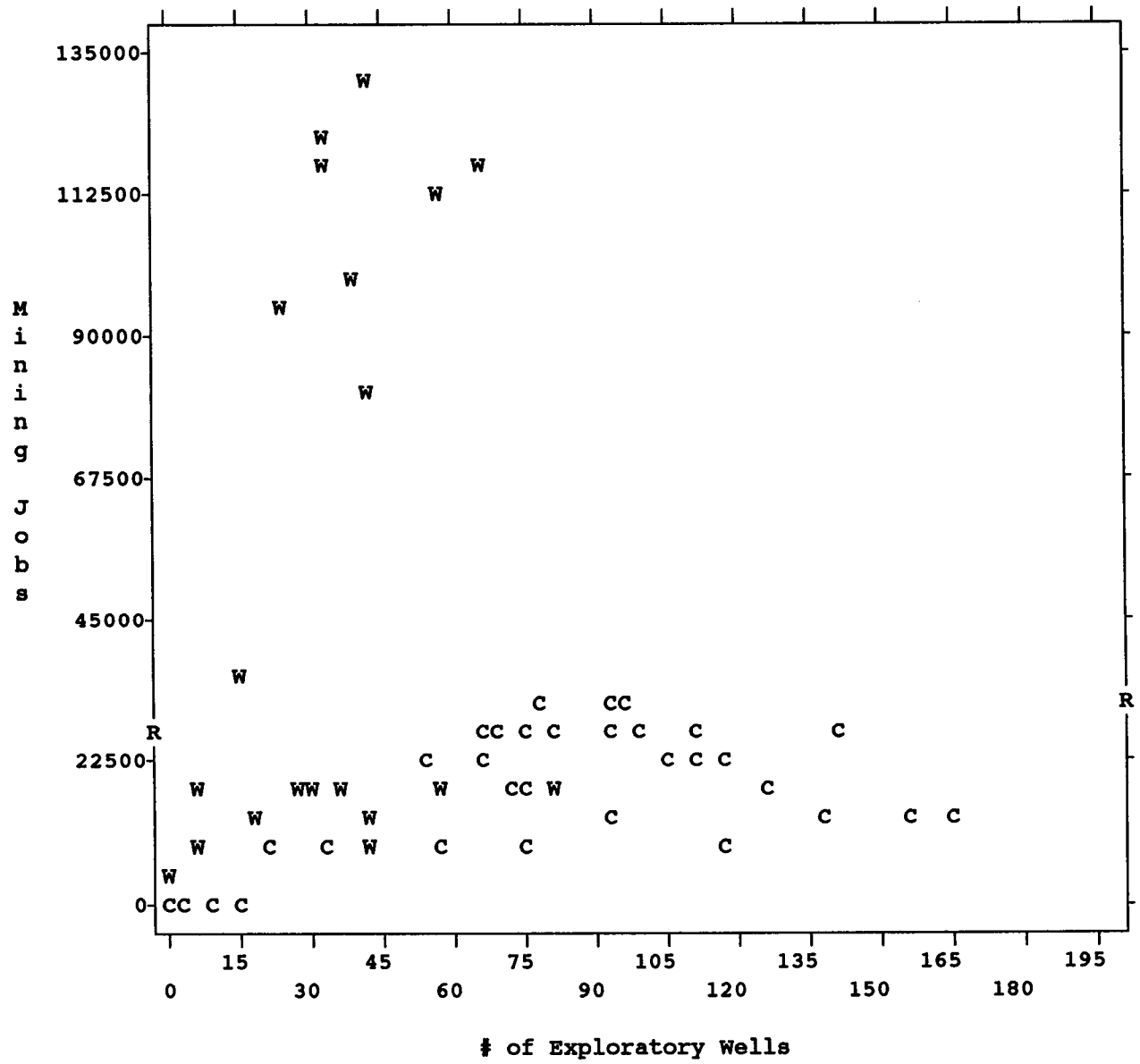
60 cases plotted. Regression statistics of MINE on PRD$8CA2:
Correlation .03445 R Squared .00119 S.E. of Est 33963.3829 Sig. .7938
Intercept(S.E.) 27172.2837(6048.0552) Slope(S.E.) .00000(.00000)
Use first character of CAA as plotting symbol and $ for multiple occurrence.

Figure 39. Number of mining jobs as a function of dollar value of OCS production



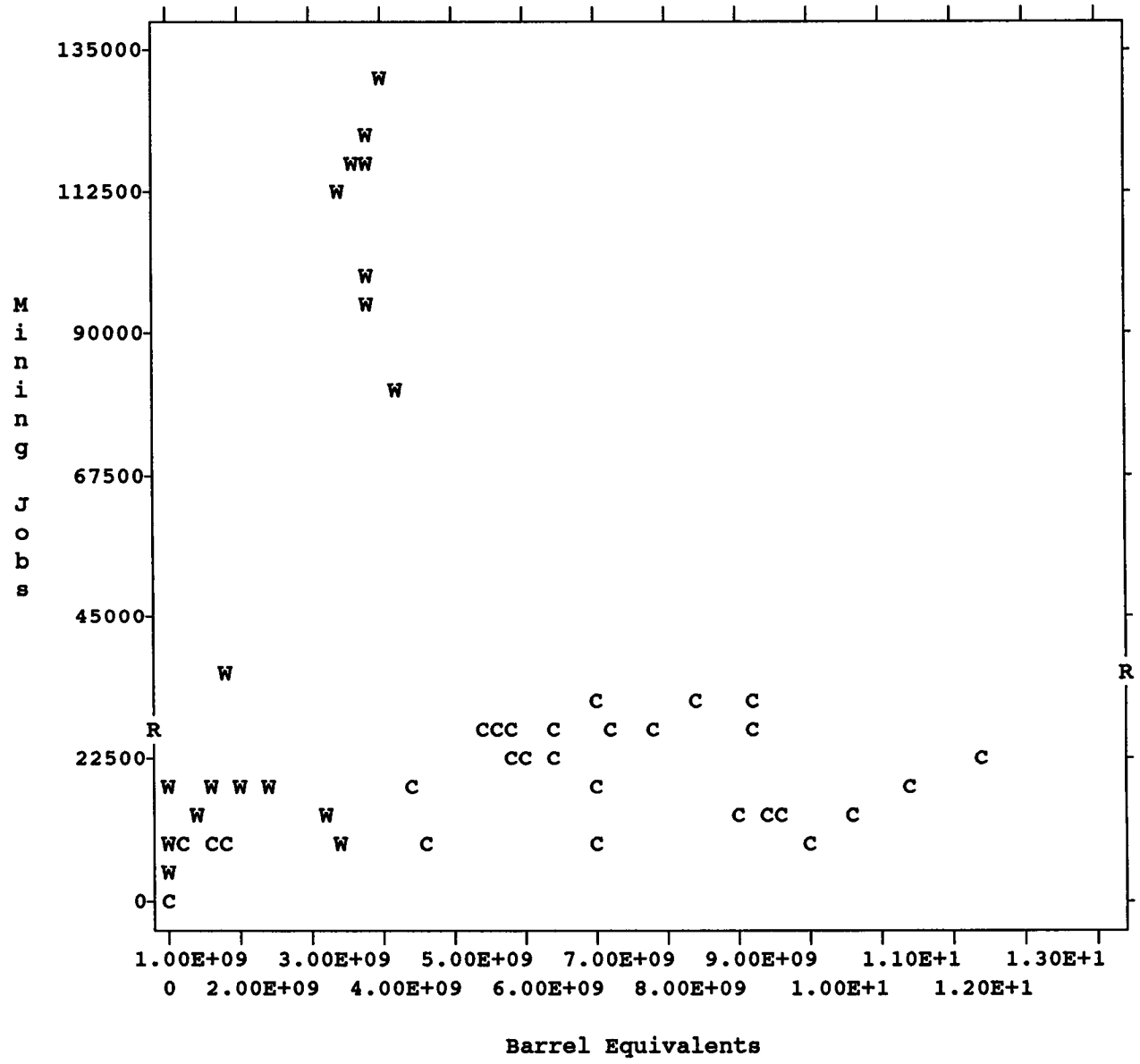
60 cases plotted. Regression statistics of MINE80$ on PRD$8CA2:
Correlation .01691 R Squared .00029 S.E. of Est 1077832.61 Sig. .8980
Intercept(S.E.) 787507.434(191935.86) Slope(S.E.) .00001(.00007)
Use first character of CAA as plotting symbol and $ for multiple occurrence.

Figure 40. Earnings from mining jobs as a function of dollar value of OCS production



60 cases plotted. Regression statistics of MINE on EXPWEL#2:
Correlation .02710 R Squared .00073 S.E. of Est 33971.0835 Sig. .8372
Intercept(S.E.) 27082.0829(7220.0601) Slope(S.E.) 20.72924(100.41929)
Use first character of CAA as plotting symbol and $ for multiple occurrence.

Figure 41. Number of mining jobs as a function of exploratory wells drilled



60 cases plotted. Regression statistics of MINE on BBLEQV$2:
Correlation .06071 R Squared .00369 S.E. of Est 33920.8703 Sig. .6449
Intercept(S.E.) 26047.8974(6488.9224) Slope(S.E.) .00000(.00000)
Use first character of CAA as plotting symbol and $ for multiple occurrence.

Figure 42. Number of mining jobs as a function of barrel equivalents produced

3. Impact Area Reconsideration

U.S. Bureau of Economic Analysis mining sector employment (by place of work) data was assembled to assess the magnitude and distribution of oil and gas industry employment within the study area. Of the 206,140 mining sector jobs in the study area during 1984, nearly half (100,173) were in Harris County, Texas (Houston). Other high concentrations of mining sector jobs were reported in Lafayette Parish, Louisiana (19,009), and in Orleans Parish, Louisiana (16,283).

The study entitled Indicators of the Direct Economic Impacts Due to Oil and Gas Development in the Gulf of Mexico (Centaur Associates, Inc. 1986) contains offshore-related production employment data for member companies of the Offshore Operators Committee. The extrapolated data indicate an estimated 23,935 person-years of employment associated with GOM offshore (both OCS and non-OCS) oil and gas activities by production companies.

Of the 22,824 person-years offshore production jobs identifiable by work site, most are located in Louisiana. The New Orleans area was identified as the work site for 45 percent (10,219) of the offshore production workers. Other areas with relatively large proportions of workers included: St. Mary Parish, 3,577; Plaquemines Parish, 2,439; Lafourche Parish, 1,669; and Lafayette Parish, 1,289. Only one percent, 301 workers, were identified as having their work site located in Harris County, Texas.

When offshore production related jobs are expressed as a percent of all mining sector jobs by place of work, it becomes apparent that many mining industry jobs in the study area are not directly associated with OCS activities. The low proportion of offshore production jobs as a percent of all mining sector jobs in coastal area W2 was determined to account for the outliers on the scatter plots. Many mining industry jobs are in the W2 coastal area, but relatively few are associated directly with Gulf of Mexico OCS activity (Table 14).

The Centaur study was especially beneficial since data were provided on offshore production worker place of residence. Of the total offshore production workers covered in the Centaur study, 78 percent (18,682) were reported to resided in the 49 county and parish study area. Over half, 9,678 or 52 percent, of the workers resided within the New Orleans metropolitan area (Orleans, Jefferson and St. Tammany Parishes). Other

Table 14.

Select findings from the Year 1 Study, offshore production workers, jobs and earnings by place of residence and place of work, 1984

Coastal Analysis Area	County Parish	State	1984 Census and Bureau of Economic Analysis: Population	Total Jobs	Mining Jobs	Mining as a % of all Jobs	Net Earnings '($000)	Year One Study of Offshore Employees: Employees' Place of Residence Count	Percent	Earnings '$(000)	% of All Earnings
C1	CALCASIEU	LA	175100	72256	2709	3.75	1308964	439	2.35	15530	1.19
C1	CAMERON	LA	10000	5486	1057	19.27	76307	232	1.24	7088	9.29
C1	IBERIA	LA	68500	30479	3579	11.74	488162	619	3.31	22211	4.55
C1	LAFAYETTE	LA	168800	110303	19009	17.23	1811701	1524	8.16	57078	3.15
C1	VERMILION	LA	52700	19232	2455	12.77	330960	496	2.65	17301	5.23
C2	ASCENSION	LA	57300	21347	199	0.93	453656	69	0.37	2339	0.52
C2	E BATON ROUGE	LA	390100	210988	849	0.40	3772566	243	1.30	8249	0.22
C2	LAFOURCHE	LA	87800	30606	1617	5.28	687591	974	5.21	33385	4.86
C2	LIVINGSTON	LA	69500	13273	133	1.00	471038	384	2.06	16009	3.40
C2	ST CHARLES	LA	41600	19022	219	1.15	405860	468	2.51	16675	4.11
C2	ST JAMES	LA	22300	10443	147	1.41	173051	15	0.08	430	0.25
C2	ST JOHN	LA	39700	11507	150	1.30	329132	112	0.60	3277	1.00
C2	ST MARY	LA	65000	35841	4589	12.80	467580	879	4.71	30192	6.46
C2	TERREBONNE	LA	101200	47917	7226	15.08	812630	440	2.36	15614	1.92
C2	W BATON ROUGE	LA	20600	7621	184	2.41	148449	9	0.05	290	0.20
C3	JEFFERSON	LA	478500	211947	5495	2.59	4628750	3665	19.62	130192	2.81
C3	ORLEANS	LA	561000	351908	16283	4.63	4568639	4524	24.22	168162	3.68
C3	PLAQUEMINES	LA	26700	22980	4309	18.75	230135	577	3.09	17762	7.72
C3	ST BERNARD	LA	68100	19382	249	1.28	561000	243	1.30	6254	1.11
C3	ST TAMMANY	LA	135300	39926	361	0.90	1293359	1489	7.97	64307	4.97
C4	BALDWIN	AL	87100	32489	236	0.73	535640	79	0.42	2680	0.50
C4	HANCOCK	MS	28900	10908	46	0.42	170847	87	0.47	2773	1.62
C4	HARRISON	MS	168000	83630	122	0.15	1134504	129	0.69	4445	0.39
C4	JACKSON	MS	125400	46955	81	0.17	829216	44	0.24	1492	0.18
C4	MOBILE	AL	373300	164506	1194	0.73	2589098	150	0.80	4720	0.18
C4	STONE	MS	10000	3723	42	1.13	55151	9	0.05	319	0.58

Table 14.

Select findings from the Year 1 Study, offshore production workers, jobs and earnings by place of residence and place of work, 1984 (continued)

			1984 Census and Bureau of Economic Analysis					Year One Study of Offshore Employees			
Coastal Analysis Area	County Parish	State	Population	Total Jobs	Mining Jobs	Mining as a % of all Jobs	Net Earnings '($000)	Employees' Place of Residence Count	Percent	Earnings '$(000)	% of All Earnings
W1	ARANSAS	TX	17000	6751	320	4.74	104168	0	0.00	0	0.00
W1	CALHOUN	TX	21600	10378	247	2.38	155602	0	0.00	0	0.00
W1	CAMERON	TX	246500	84018	219	0.26	1053240	4	0.02	133	0.01
W1	JACKSON	TX	13700	5855	639	10.91	101851	0	0.00	0	0.00
W1	KENEDY	TX	600	382	96	25.13	2973	0	0.00	0	0.00
W1	KLEBERG	TX	35200	14557	1085	7.45	241937	0	0.00	0	0.00
W1	NUECES	TX	295000	150457	8848	5.88	2460259	16	0.09	504	0.02
W1	REFUGIO	TX	9200	4104	750	18.27	72978	0	0.00	0	0.00
W1	SAN PATRICIO	TX	61700	19072	1025	5.37	454547	5	0.03	129	0.03
W1	VICTORIA	TX	75000	38225	3548	9.28	714273	19	0.10	626	0.09
W1	WILLACY	TX	18800	5114	36	0.70	86047	0	0.00	0	0.00
W2	BRAZORIA	TX	185300	73686	2406	3.27	2010546	66	0.35	2111	0.10
W2	CHAMBERS	TX	19400	8298	797	9.60	178552	11	0.06	341	0.19
W2	FORT BEND	TX	180800	51628	2123	4.11	2325134	33	0.18	1165	0.05
W2	GALVESTON	TX	212200	85192	1074	1.26	2145306	49	0.26	1341	0.06
W2	HARDIN	TX	43300	11479	742	6.46	349083	15	0.08	525	0.15
W2	HARRIS	TX	2775300	1646715	100173	6.08	32647426	435	2.33	16727	0.05
W2	JEFFERSON	TX	255800	129008	2234	1.73	2299215	43	0.23	1320	0.06
W2	LIBERTY	TX	54100	17761	2083	11.73	415731	10	0.05	423	0.10
W2	MATAGORDA	TX	39500	16154	1018	6.30	313279	10	0.05	383	0.12
W2	MONTGOMERY	TX	169900	48789	3496	7.17	1672735	33	0.18	1634	0.10
W2	ORANGE	TX	87200	27728	447	1.61	724360	33	0.18	1153	0.16
W2	WALLER	TX	23400	8333	194	2.33	169406	1	0.01	53	0.03
		TOTAL	8273000	4098359	206140			18682			

areas with relatively large numbers of workers included: Lafayette Parish (1,524); Lafourche Parish (974); St. Mary Parish (879); and Harris County (435).

Earnings from offshore production work was expressed as a percent of total earnings by place of residence to obtain a measure of the relative economic impact on the local economy. The values ranged from a low of zero in several counties in coastal area W1 (lower Texas coast) to 9.29 percent in Cameron Parish. Thirteen counties located in coastal areas W1 and W2 had values of 0.05 percent or less.

A revised definition of the OCS impact area was prepared by deleting the 13 counties where earnings from offshore production work accounted for 0.05 percent or less of total earnings by place of residence. The 0.05 percent threshold was selected since the previously identified outliers were contained within that limit.

4. Regression Analysis Based on Revised Impact Area

Deletion of the 13 counties where earnings from offshore projection work accounted for 0.05 percent or less of total earnings by place of residence resulted in stronger correlation between OCS indicators and socioeconomic changes.

In the third stage of analysis, the redefined set of data (36 counties and parishes) was used. Correlation coefficients and scatter plots were examined to determine if the pattern observed in the original set of data changed. Overall, no distinctive groups of outliers were found.

Correlation coefficients found in Table 15 indicate that socioeconomic indicators such as DIRECT GENERAL EXPENDITURES and GENERAL REVENUES are not related to non-OCS oil and gas activity. The variables MINE and MINE80$ are most highly related to the independent variables.

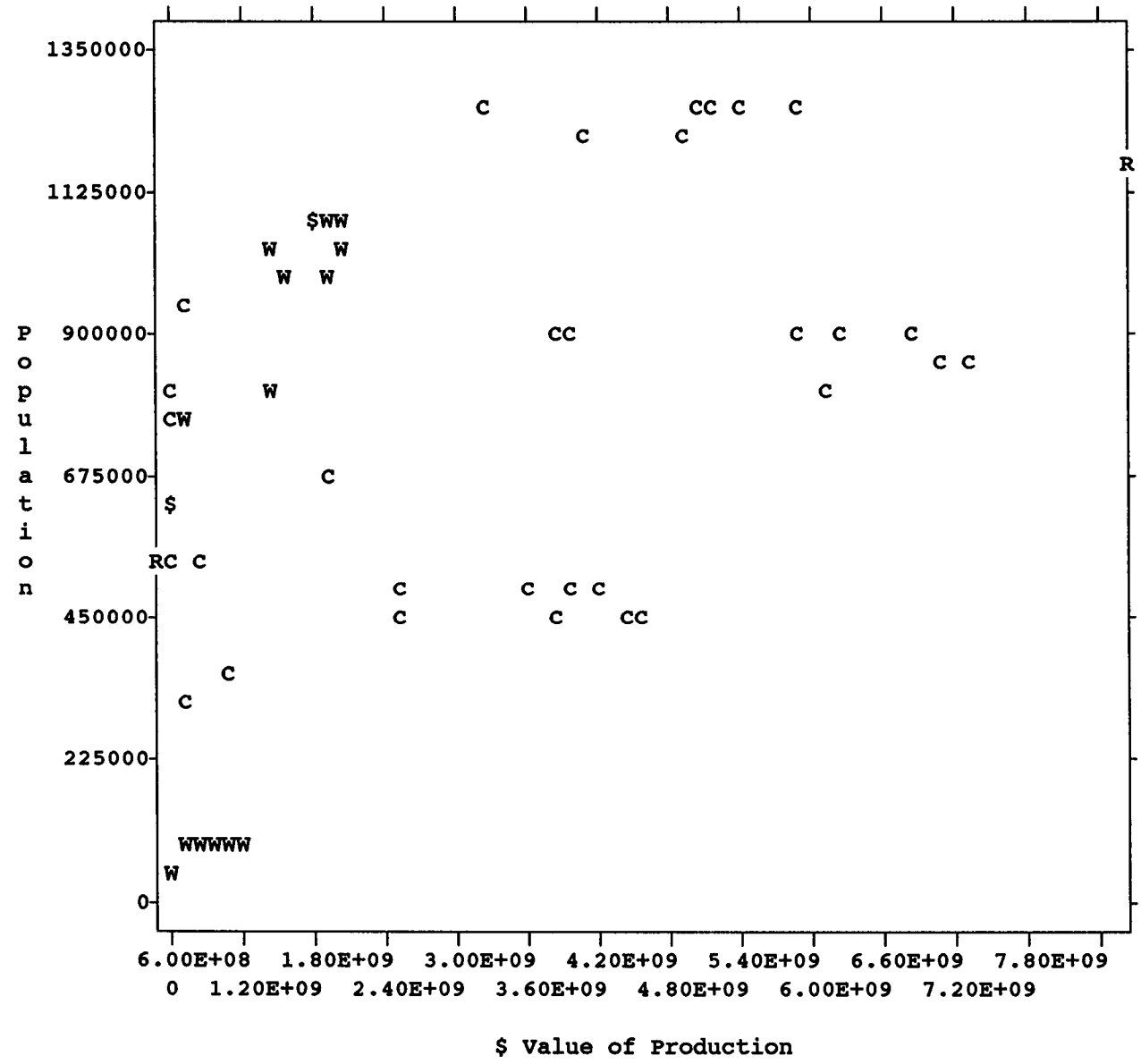
Table 15.
OCS and non-OCS oil and gas activity indicators by mining jobs, population, local government expenses, local government revenue, farm jobs, mining job earnings and per capita income; correlation matrix

CORRELATION COEFFICIENTS/ONE-TAILED SIGNIFICANCE
(NUMBER OF CASES=60)

	MINE	POPULATN	DRGNEX8$*	GENRV80$*	FARM**	MINE80$	PERCPT$8
EXPWEL#2	.6987	.3221	.1236	.1657	-.1240	.6932	.3862
	P=.000	P=.006	P=.240	P=.171	P=.201	P=.000	P=.001
BBLEQV#2	.7347	.2696	-.0433	-.0088	-.0091	.6945	.3570
	P=.000	P=.019	P=.402	P=.480	P=.476	P=.000	P=.003
PRD$8CA2	.7823	.4314	.1880	.2313	-.0964	.7935	.3745
	P=.000	P=.000	P=.140	P=.091	P=.257	P=.000	P=.002
STPRD80$	.6941	.4880	.0556	.0711	.2449	.6537	.2058
	P=.000	P=.000	P=.376	P=.342	P=.047	P=.000	P=.057
SBBLEQUI	.2956	.0861	-.3017	-.3001	.1706	.2271	-.1594
	P=.011	P=.256	P=.039	P=.040	P=.123	P=.041	P=.112

*NUMBER OF CASES=35
**NUMBER OF CASES=48

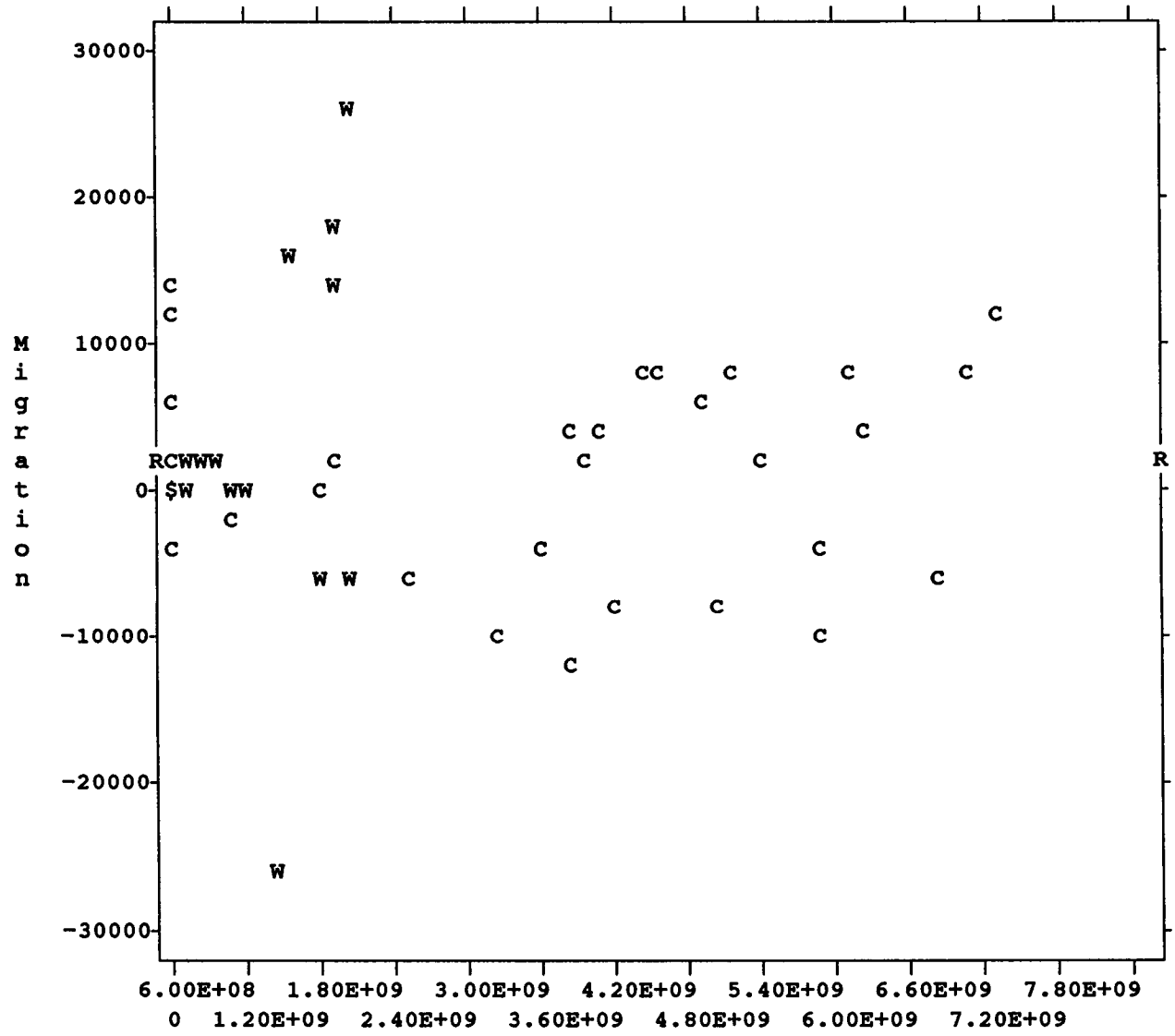
Scatter plots were generated using various socioeconomic indicators and the independent variable PRD$8CA2 (Figures 43 - 46). In all cases, the points are rather evenly distributed about the line of best fit. The OFFSHORE OIL AND GAS PRODUCTION - DOLLAR VALUE variable was a significant predictor of mining employment and earnings from mining employment (Figures 47 and 48).



60 cases plotted. Regression statistics of POPULATN on PRD$8CA2:
Correlation .43137 R Squared .18608 S.E. of Est 346407.058 Sig. .0006
Intercept(S.E.) 551194.842(61686.699) Slope(S.E.) .00008(.00002)
Use first character of CAA as plotting symbol and $ for multiple occurrence.

Figure 43. Population as a function of dollar value of OCS production

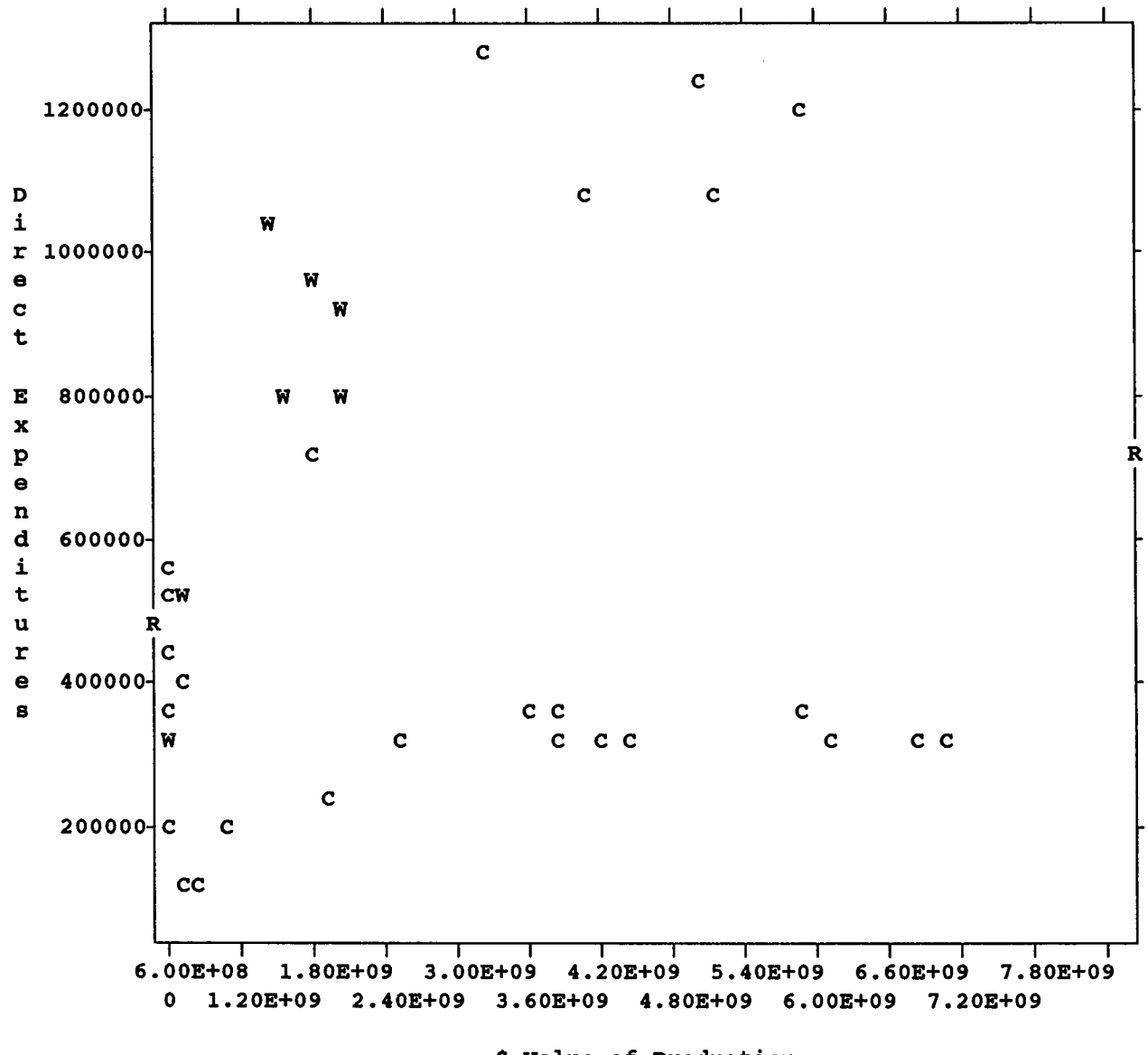
(Revised impact area - 36 Counties and Parishes)



48 cases plotted. Regression statistics of MIGRATN on PRD$8CA2:
Correlation .00783 R Squared .00006 S.E. of Est 8771.37899 Sig. .9579
Intercept(S.E.) 1404.11592(1832.5696) Slope(S.E.) .00000(.00000)
Use first character of CAA as plotting symbol and $ for multiple occurrence.

Figure 44. Migration as a function of dollar value of OCS production

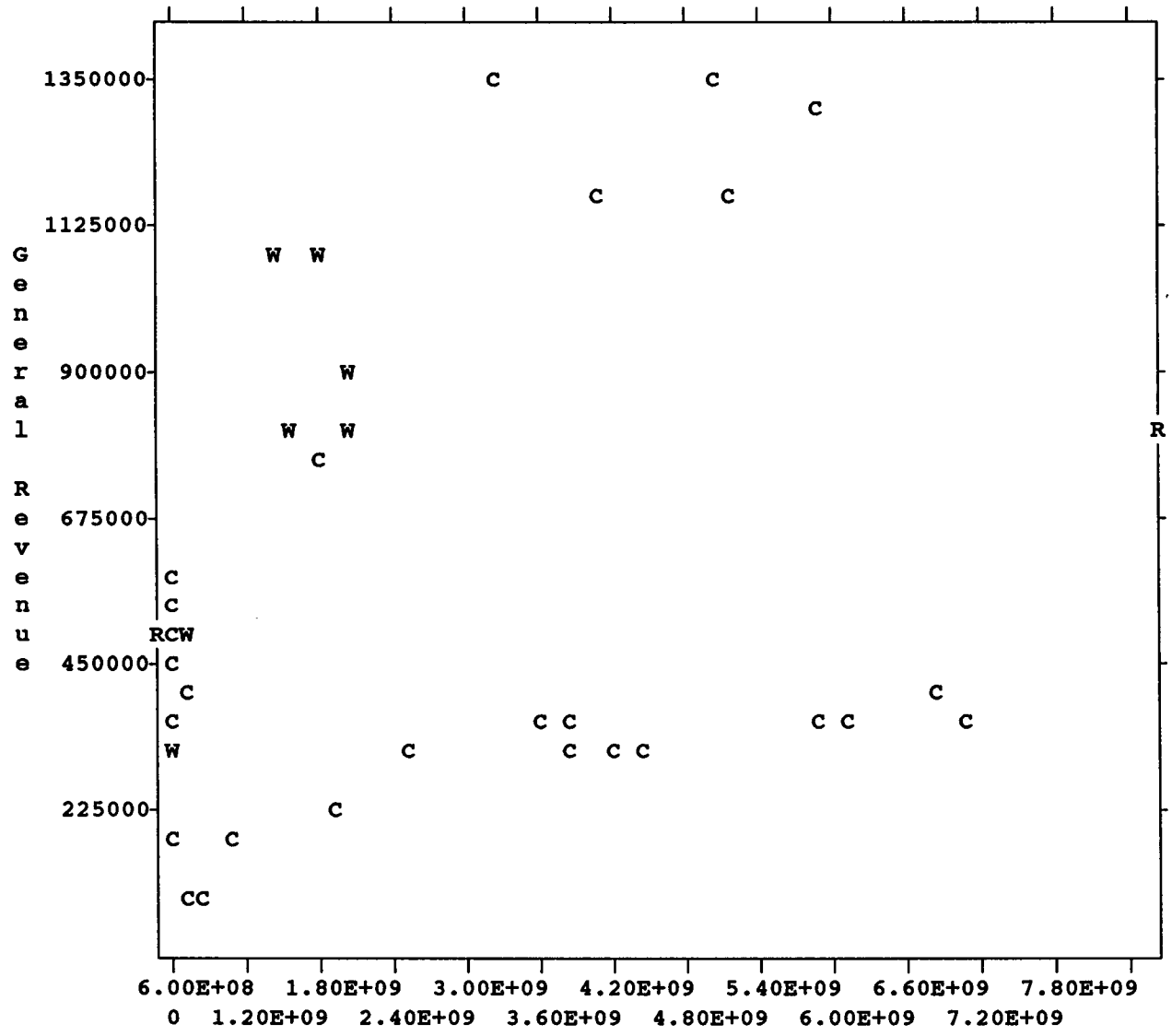
(Revised impact area - 36 Counties and Parishes)



35 cases plotted. Regression statistics of DRGNEX8$ on PRD$8CA2:
Correlation .18797 R Squared .03533 S.E. of Est 342087.679 Sig. .2796
Intercept(S.E.) 492086.928(81634.477) Slope(S.E.) .00003(.00003)
Use first character of CAA as plotting symbol and $ for multiple occurrence.

Figure 45. Local government direct expenditures as a function of dollar value of OCS production

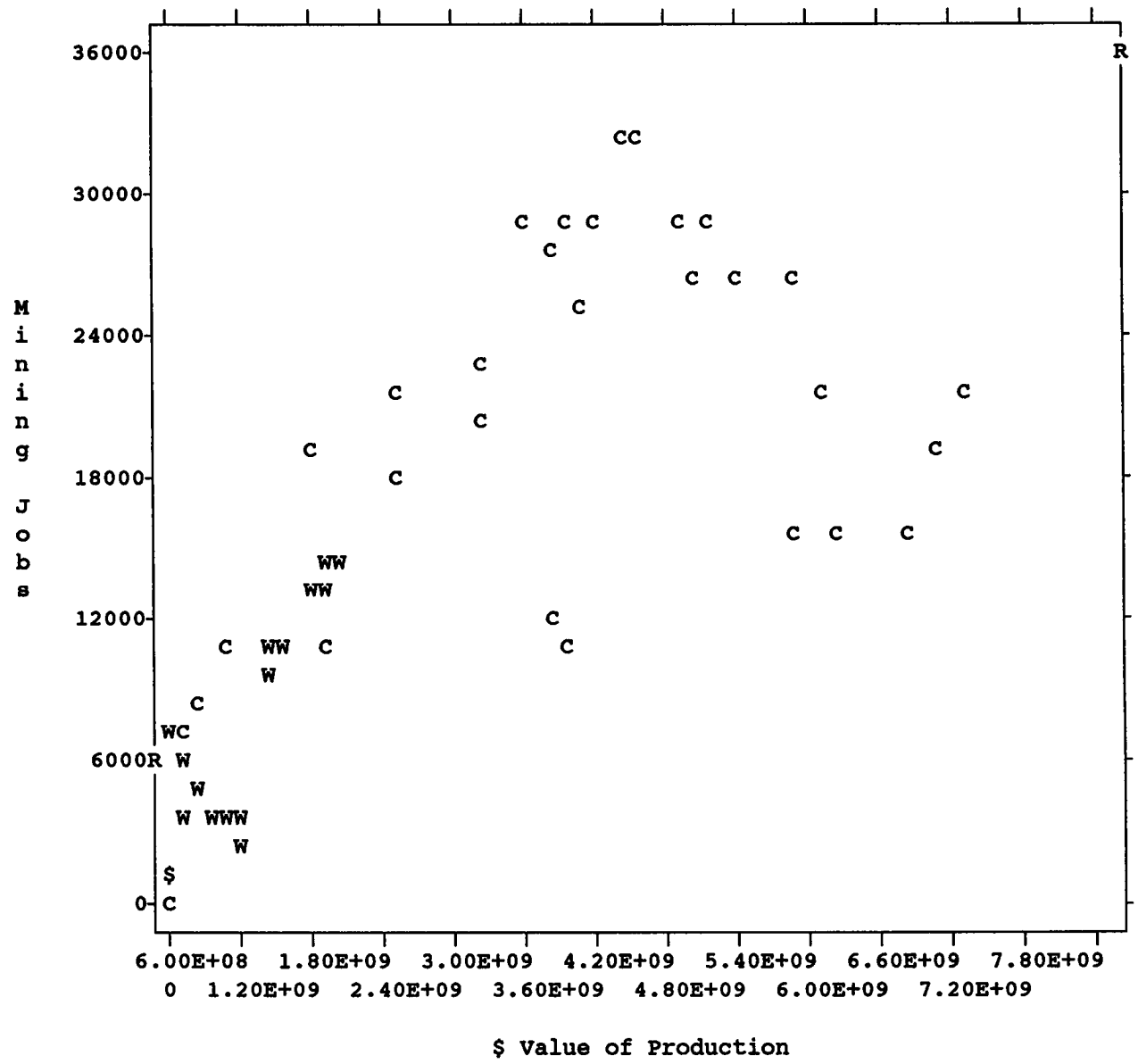
(Revised impact area - 36 Counties and Parishes)



35 cases plotted. Regression statistics of GENRV80$ on PRD$8CA2:
Correlation .23127 R Squared .05349 S.E. of Est 370231.749 Sig. .1813
Intercept(S.E.) 494936.165(88350.664) Slope(S.E.) .00004(.00003)
Use first character of CAA as plotting symbol and $ for multiple occurrence.

Figure 46. Local government general revenue as a function of dollar value of OCS production

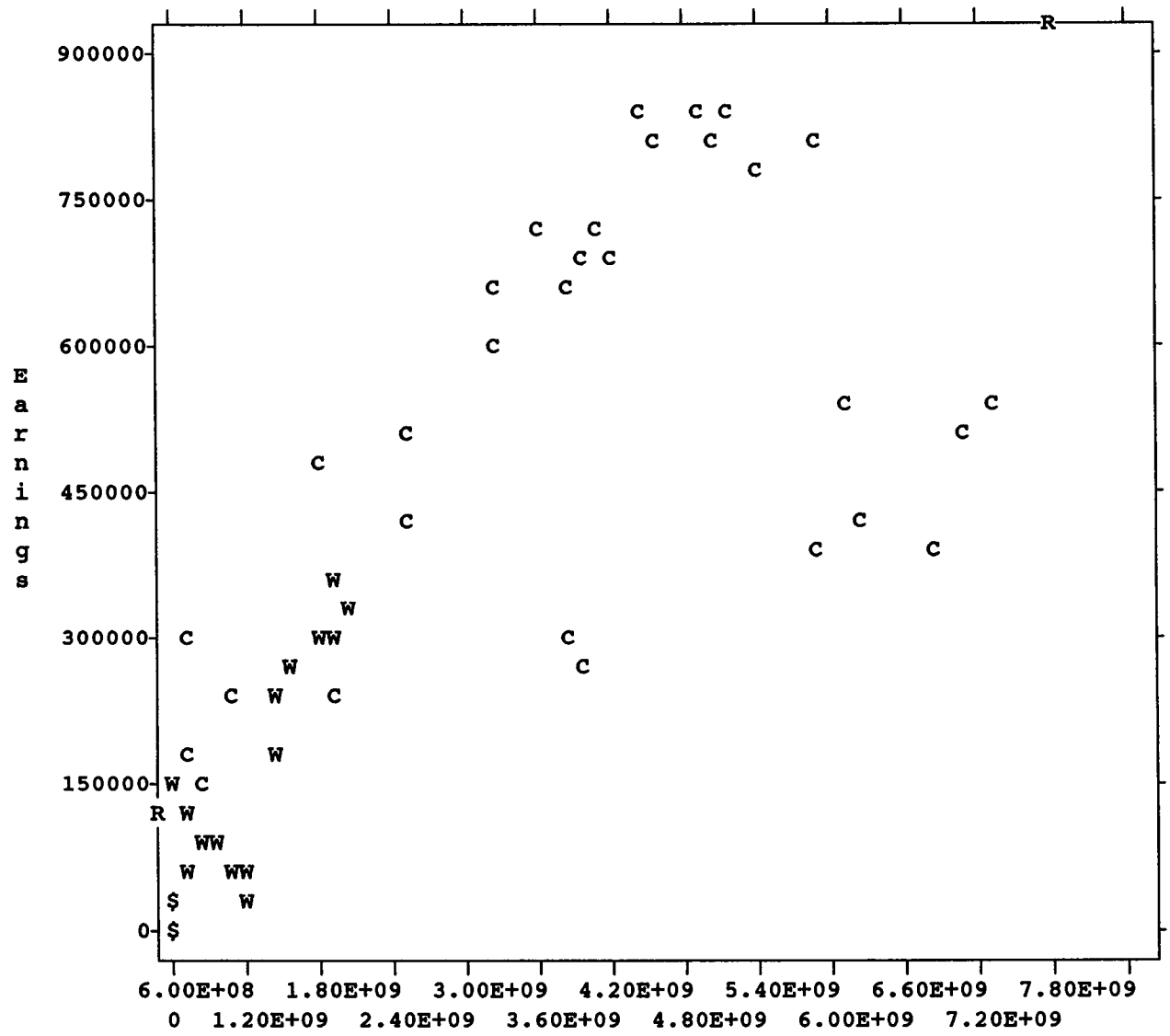
(Revised impact area - 36 Counties and Parishes)



60 cases plotted. Regression statistics of MINE on PRD$8CA2:
Correlation .78233 R Squared .61205 S.E. of Est 6318.43252 Sig. .0000
Intercept(S.E.) 5509.69436(1125.1597) Slope(S.E.) .00000(.00000)
Use first character of CAA as plotting symbol and $ for multiple occurrence.

Figure 47. Mining jobs as a function of dollar value of OCS production

(Revised impact area - 36 Counties and Parishes)



60 cases plotted. Regression statistics of MINE80$ on PRD$8CA2:
Correlation .79349 R Squared .62963 S.E. of Est 171000.483 Sig. .0000
Intercept(S.E.) 120270.246(30451.041) Slope(S.E.) .00011(.00001)
Use first character of CAA as plotting symbol and $ for multiple occurrence.

Figure 48. Earnings from mining jobs as a function of dollar value of OCS production

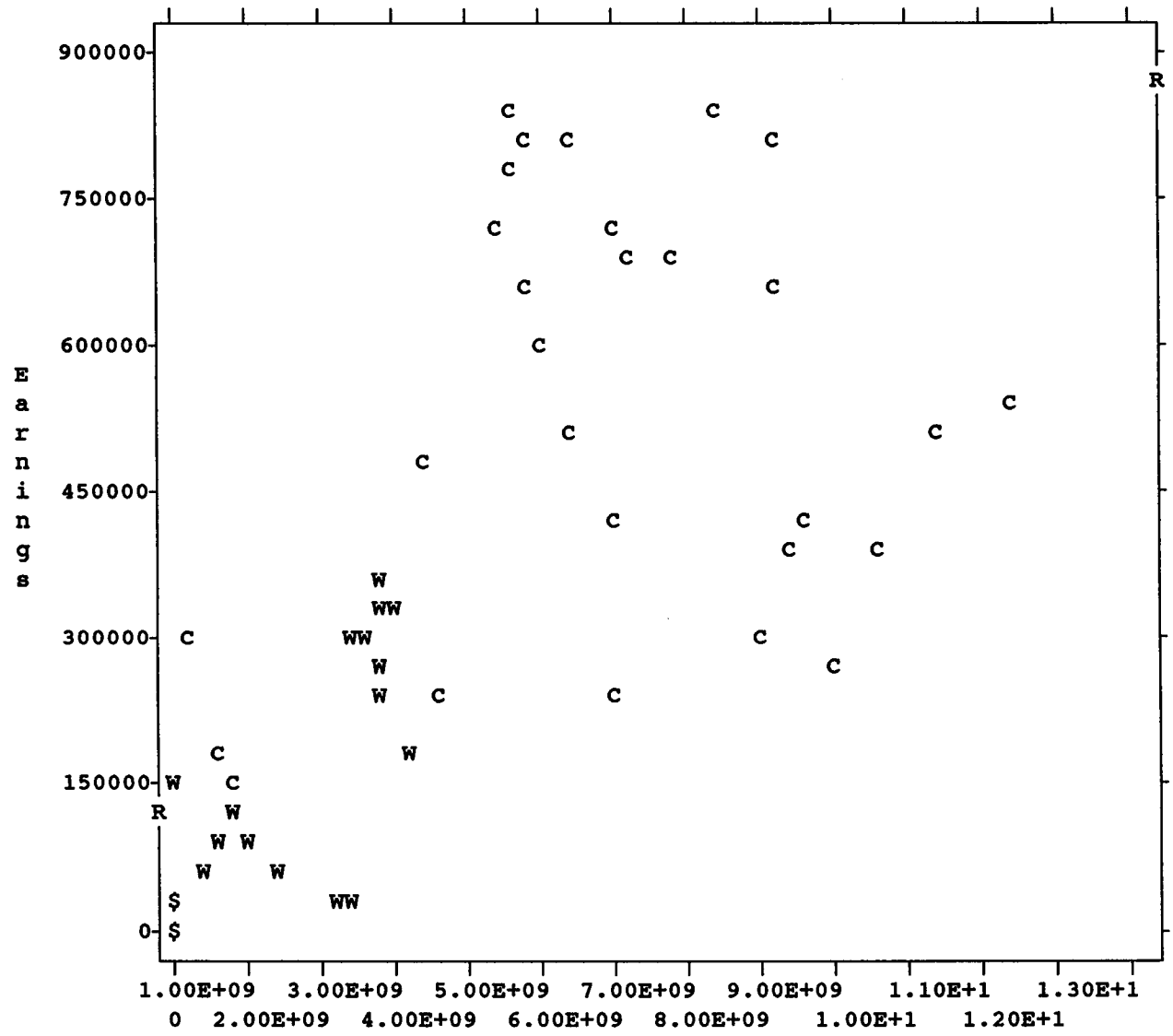
(Revised impact area - 36 Counties and Parishes)

Similar results were found for the independent variable BBLEQV#2 which is a measure of the amount of OCS oil and gas production. No consistent outliers were found, and the only substantial and significant regression equations were for the prediction of mining employment and earnings from mining employment (Figures 49 and 50). A statistically significant regression coefficient was calculated for the effect of BBLEQV#2 on population (Figure 51), but only a small proportion of variance (7%) is explained. BBLEQV#2 indicated no significant impact (less than 1%) on the remaining independent variables of migration, local government direct expenditures and general revenue (Figures 52 - 54).

In examining the effects of State (non-OCS) oil and gas production, similar patterns of results were found. STPRD80$, which is a measure of the dollar value of non-OCS production, was a statistically significant predictor of mining employment, earnings from mining employment, and population (Figures 55, 56 and 57). Percentages of variance explained were 48 percent, 43 percent, and 24 percent, respectively. This can be compared to percentages of 61 percent, 63 percent, and 19 percent for PRD$8CA2. Thus OCS production value is more highly related to mining employment and earnings from mining employment, while population is more highly related to non-OCS production value.

STPRD80$ was not found to be a statistically significant predictor of Local Government General Revenue (Figure 58).

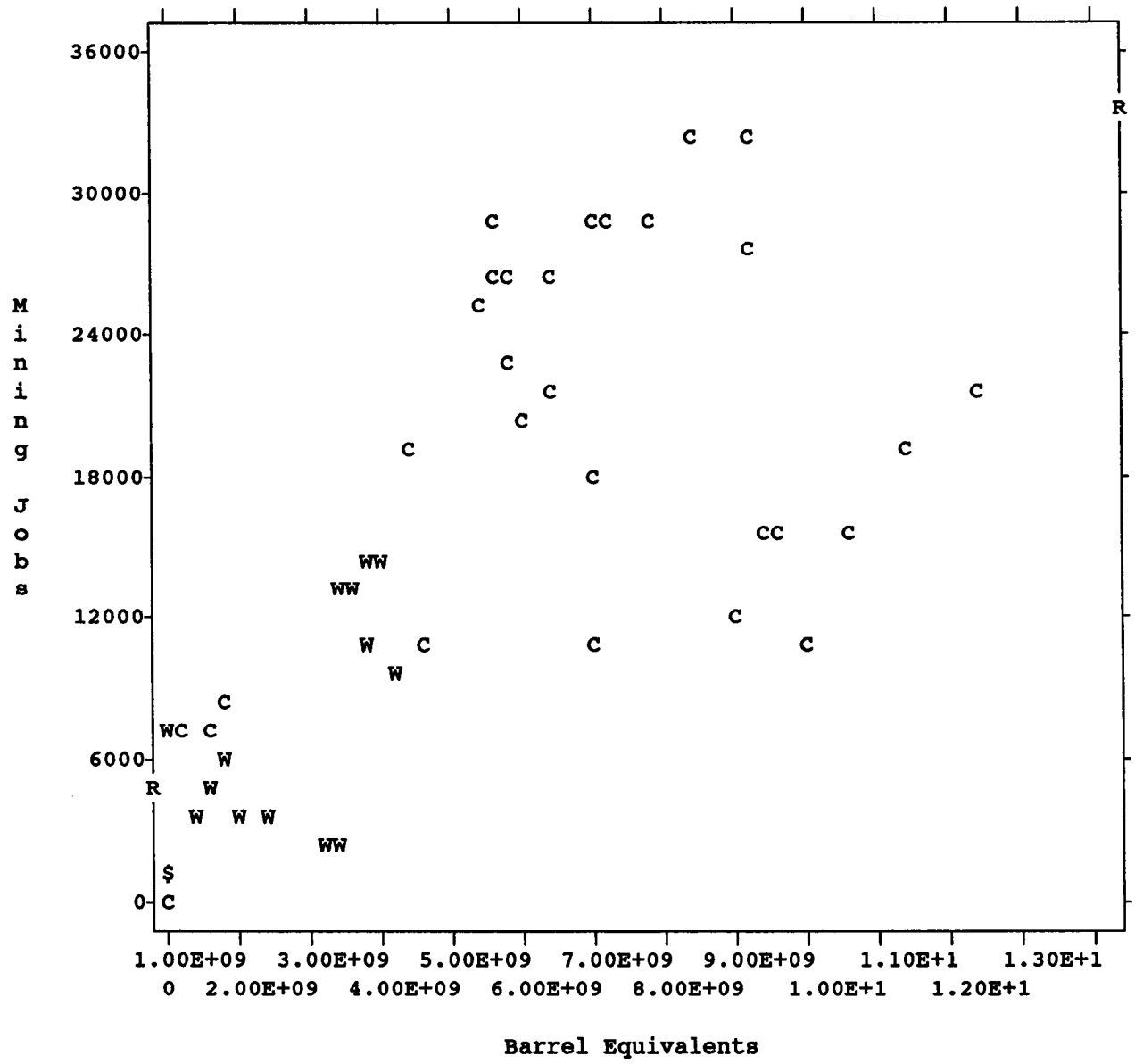
The independent variable SBBLEQUIV, barrel equivalents of State (non-OCS) was also examined as an independent variable. However, it was not a significant predictor of population and was a much weaker predictor of mining employment and earnings from mining employment than STPRD80$ (Figures 59 - 64).



60 cases plotted. Regression statistics of MINE80$ on BBLEQV$2:
Correlation .69450 R Squared .48233 S.E. of Est 202164.429 Sig. .0000
Intercept(S.E.) 118744.141(38673.219) Slope(S.E.) .00006(.00001)
Use first character of CAA as plotting symbol and $ for multiple occurrence.

Figure 49. Earnings from mining jobs as a function of barrel equivalent of OCS production

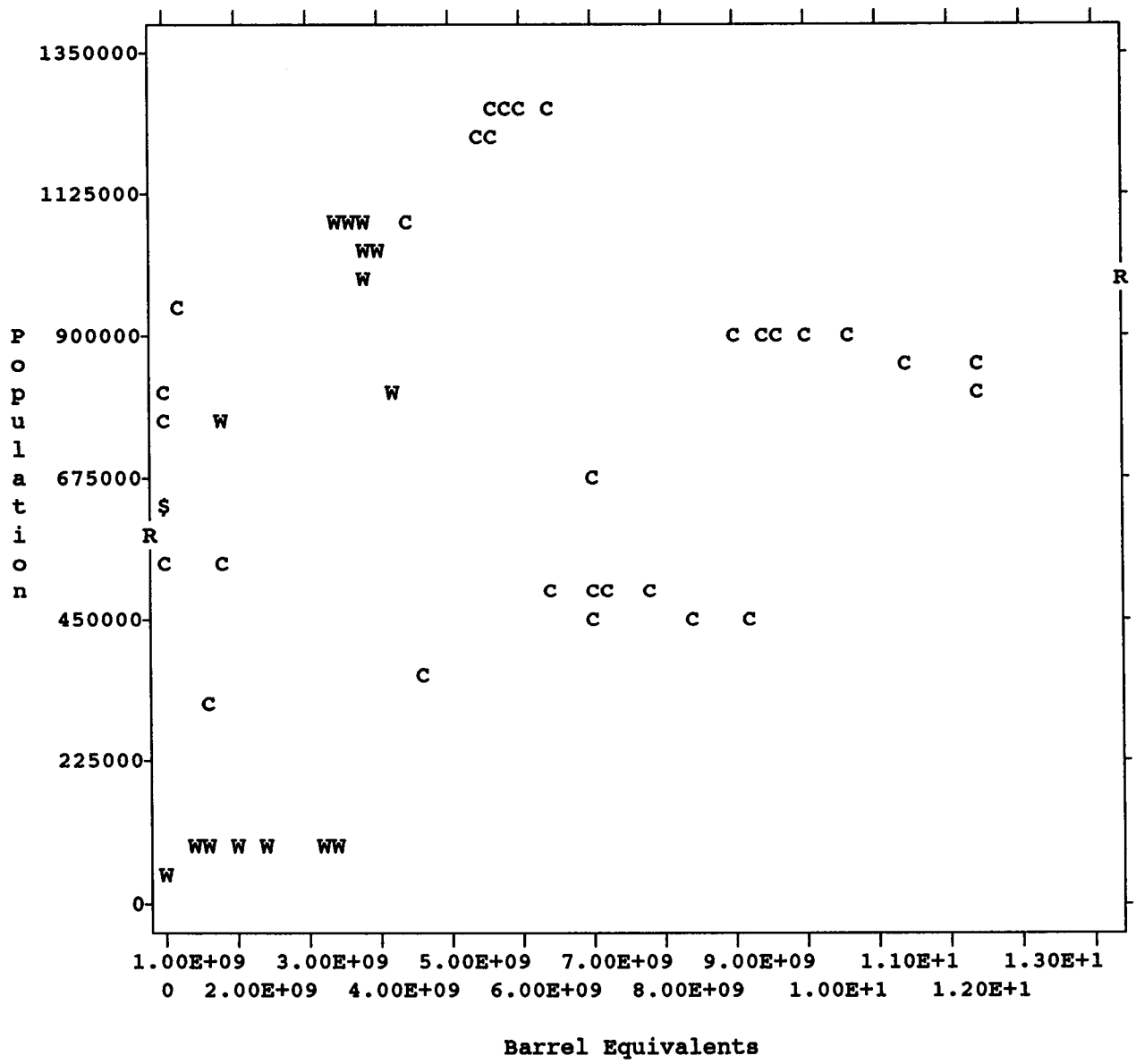
(Revised impact area - 36 Counties and Parishes)



60 cases plotted. Regression statistics of MINE on BBLEQV$2:
Correlation .73475 R Squared .53986 S.E. of Est 6881.25200 Sig. .0000
Intercept(S.E.) 4909.95453(1316.3551) Slope(S.E.) .00000(.00000)
Use first character of CAA as plotting symbol and $ for multiple occurrence.

Figure 50. Mining jobs as a function of barrel equivalents of OCS production

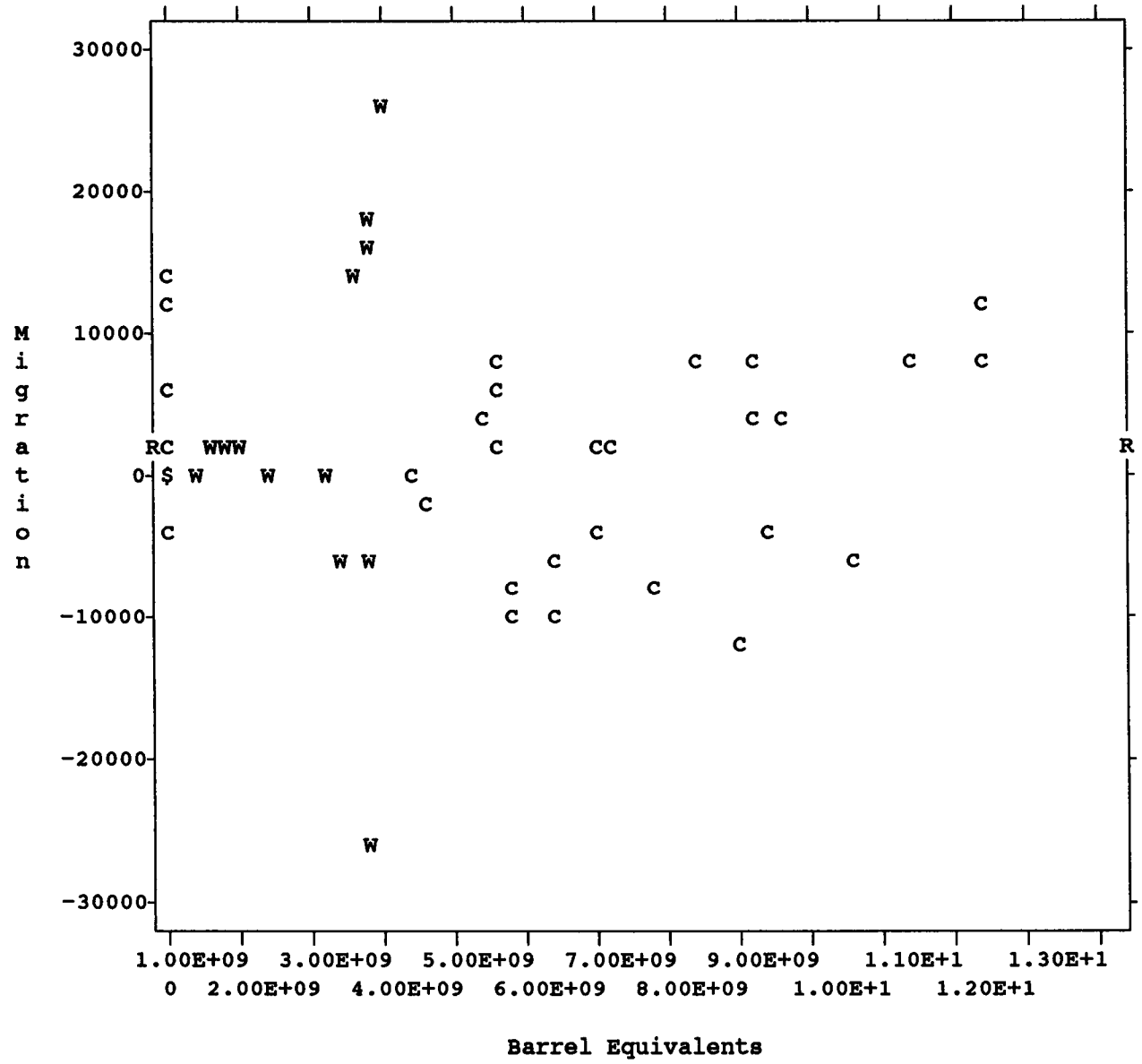
(Revised impact area - 36 Counties and Parishes)



60 cases plotted. Regression statistics of POPULATN on BBLEQV$2:
Correlation .26959 R Squared .07268 S.E. of Est 369753.265 Sig. .0373
Intercept(S.E.) 594631.434(70732.273) Slope(S.E.) .00003(.00001)
Use first character of CAA as plotting symbol and $ for multiple occurrence.

Figure 51. Population as a function of barrel equivalents of OCS production

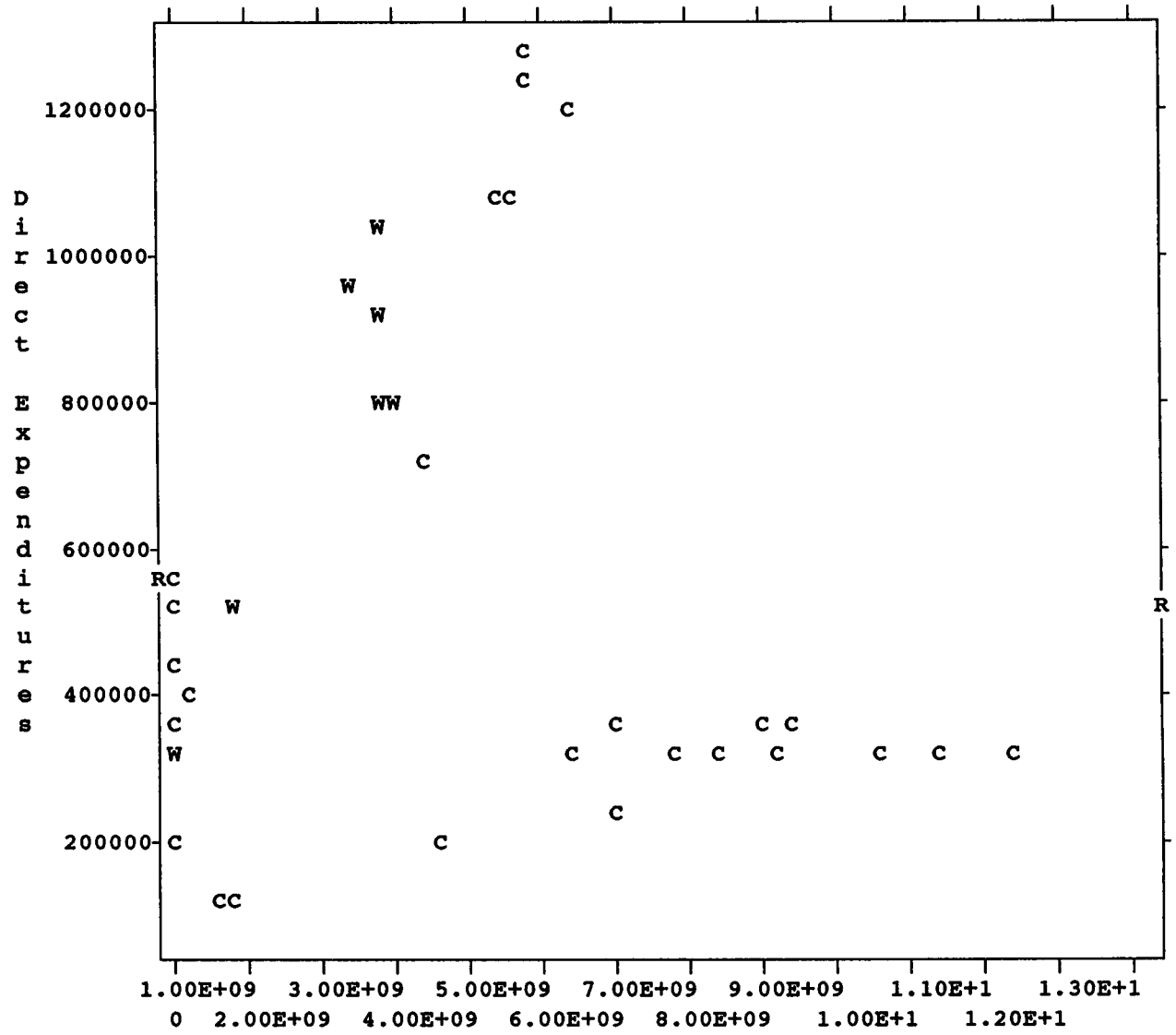
(Revised impact area - 36 Counties and Parishes)



48 cases plotted. Regression statistics of MIGRATN on BBLEQV#2:
Correlation .00340 R Squared .00001 S.E. of Est 8771.59733 Sig. .9817
Intercept(S.E.) 1439.84095(1964.6313) Slope(S.E.) .00000(.00000)
Use first character of CAA as plotting symbol and $ for multiple occurrence.

Figure 52. Migration as a function of barrel equivalents of OCS production

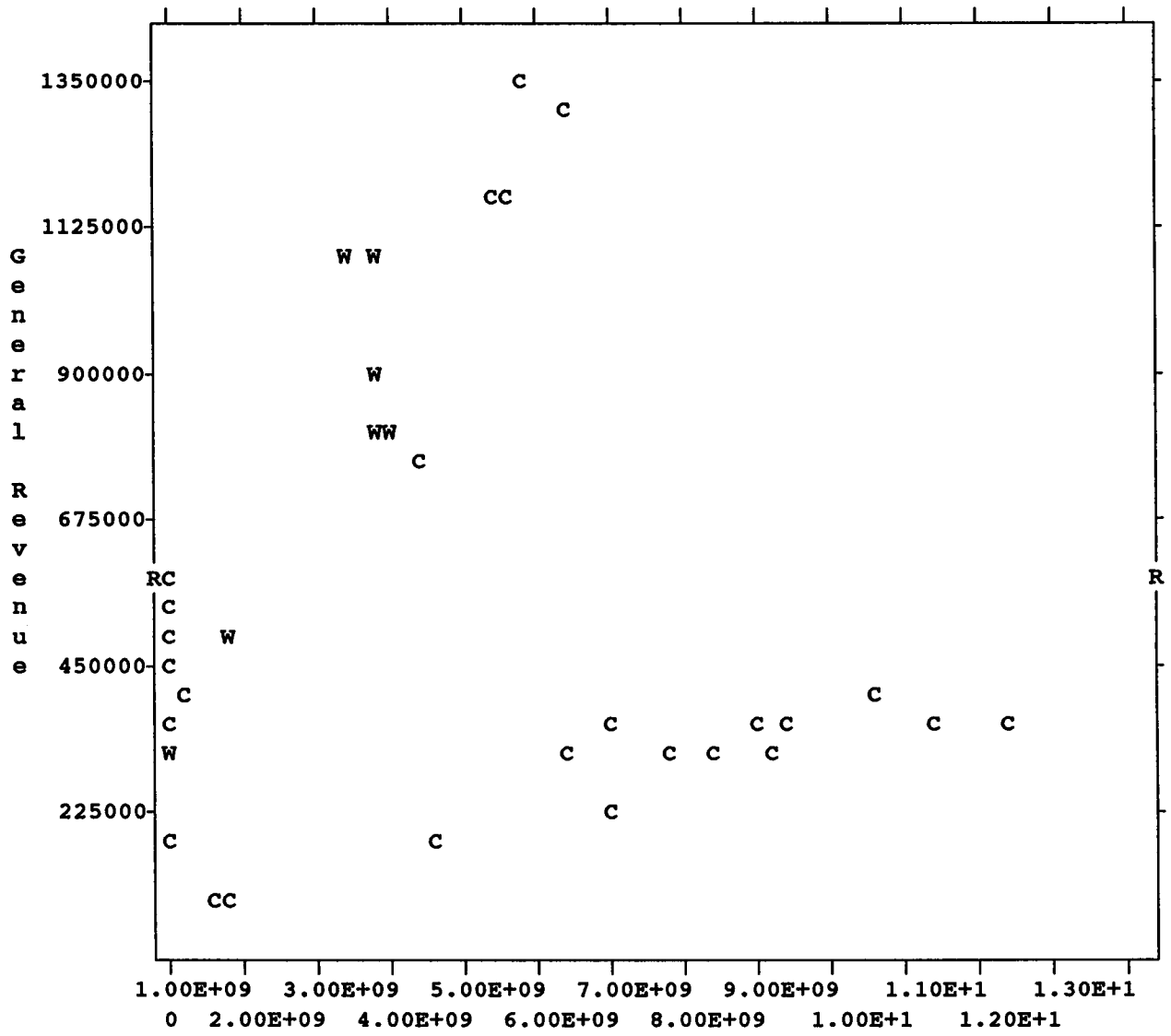
(Revised impact area - 36 Counties and Parishes)



35 cases plotted. Regression statistics of DRGNEX8$ on BBLEQV$2:
Correlation -.04331 R Squared .00188 S.E. of Est 347969.260 Sig. .8049
Intercept(S.E.) 572211.414(89419.023) Slope(S.E.) .00000(.00002)
Use first character of CAA as plotting symbol and $ for multiple occurrence.

Figure 53. Local government direct expenditures as a function of barrel equivalents of OCS production

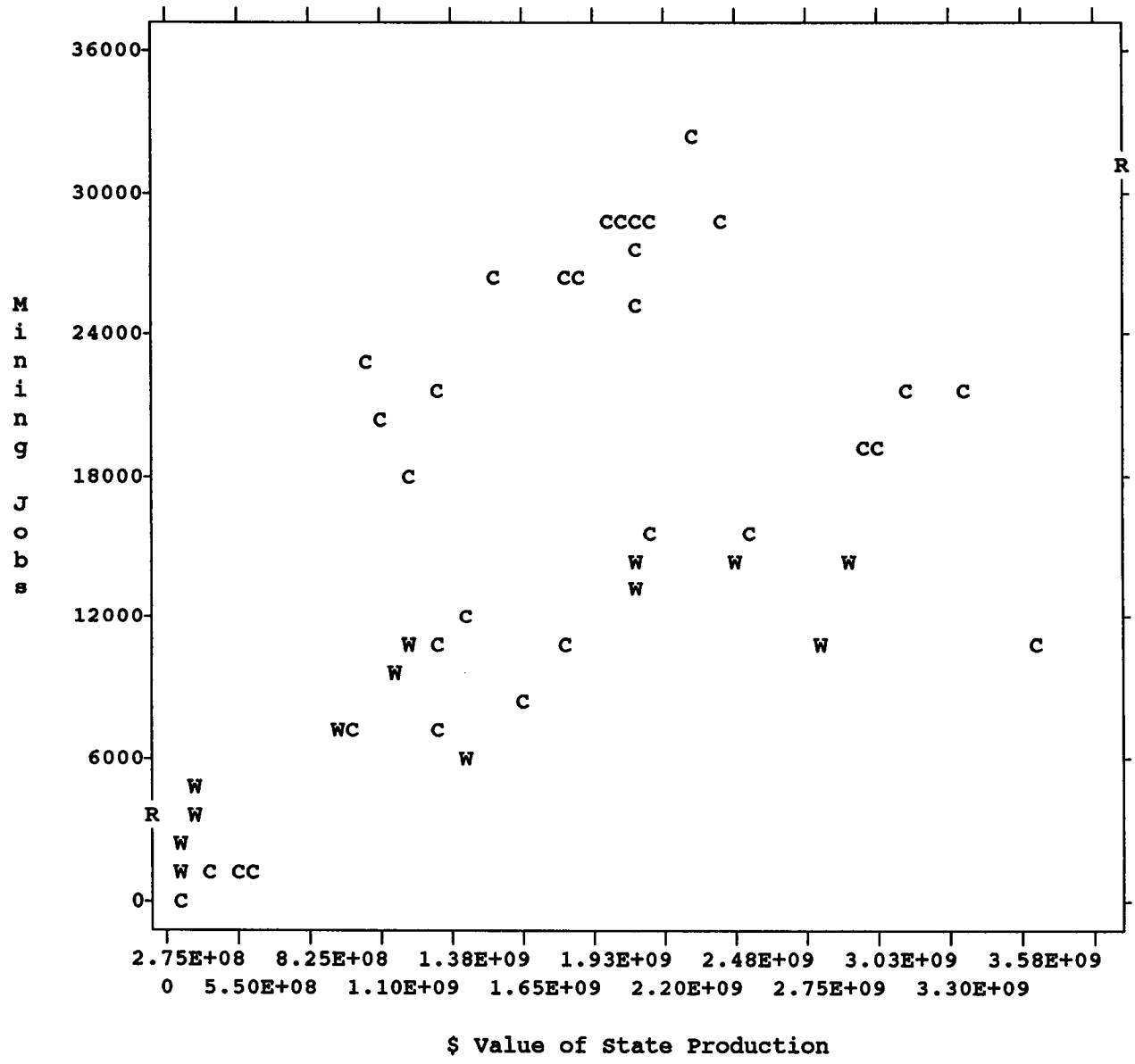
(Revised impact area - 36 Counties and Parishes)



35 cases plotted. Regression statistics of GENRV80$ on BBLEQV#2:
Correlation -.00881 R Squared .00008 S.E. of Est 380534.247 Sig. .9600
Intercept(S.E.) 583828.816(97787.375) Slope(S.E.) .00000(.00002)
Use first character of CAA as plotting symbol and $ for multiple occurrence.

Figure 54. Local government general revenue as a function of barrel equivalents of OCS production

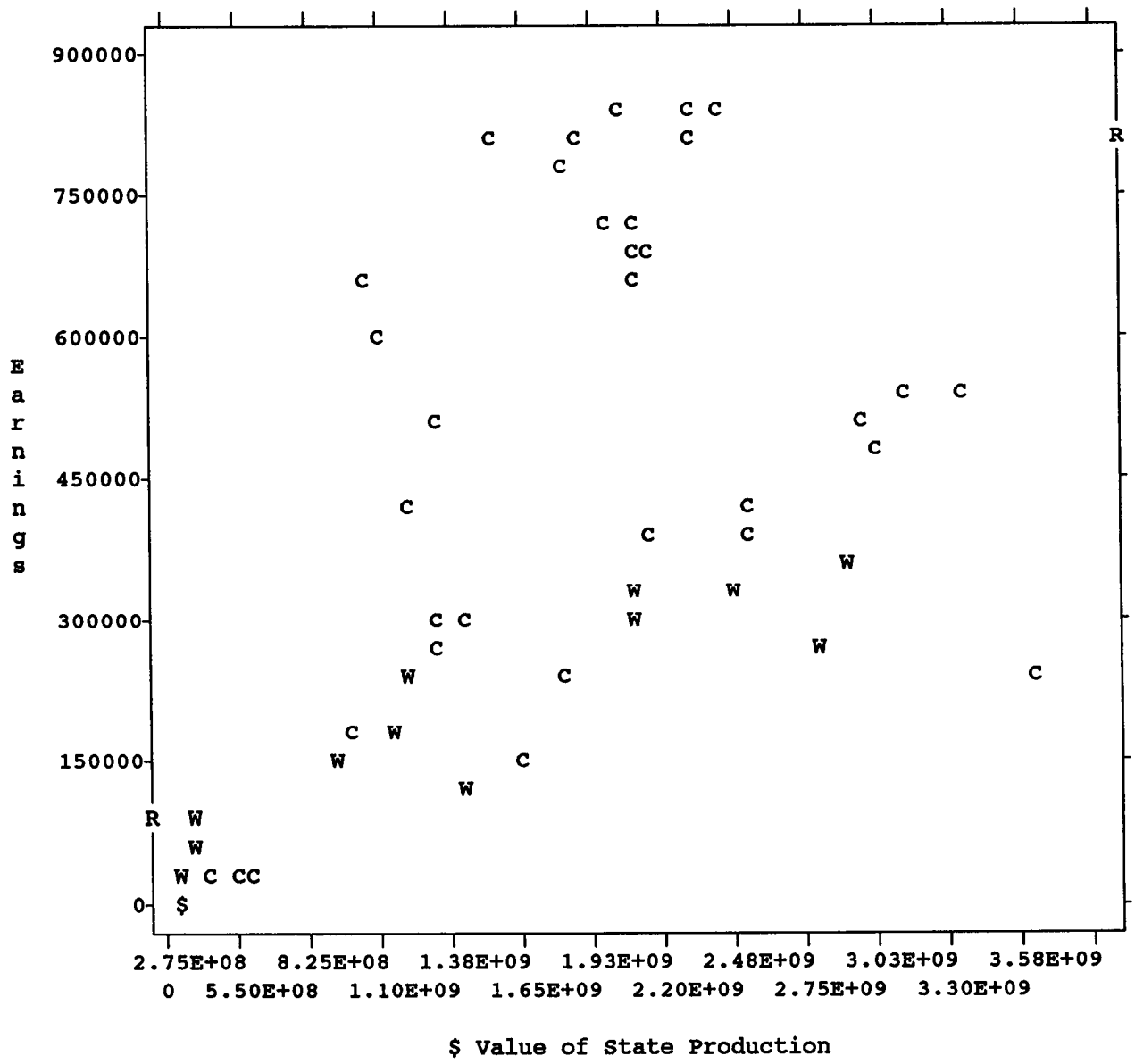
(Revised impact area - 36 Counties and Parishes)



60 cases plotted. Regression statistics of MINE on STPRD80$:
Correlation .69414 R Squared .48183 S.E. of Est 7302.21180 Sig. .0000
Intercept(S.E.) 4050.48894(1532.4220) Slope(S.E.) .00001(.00000)
Use first character of CAA as plotting symbol and $ for multiple occurrence.

Figure 55. Mining jobs as a function of dollar value of State production

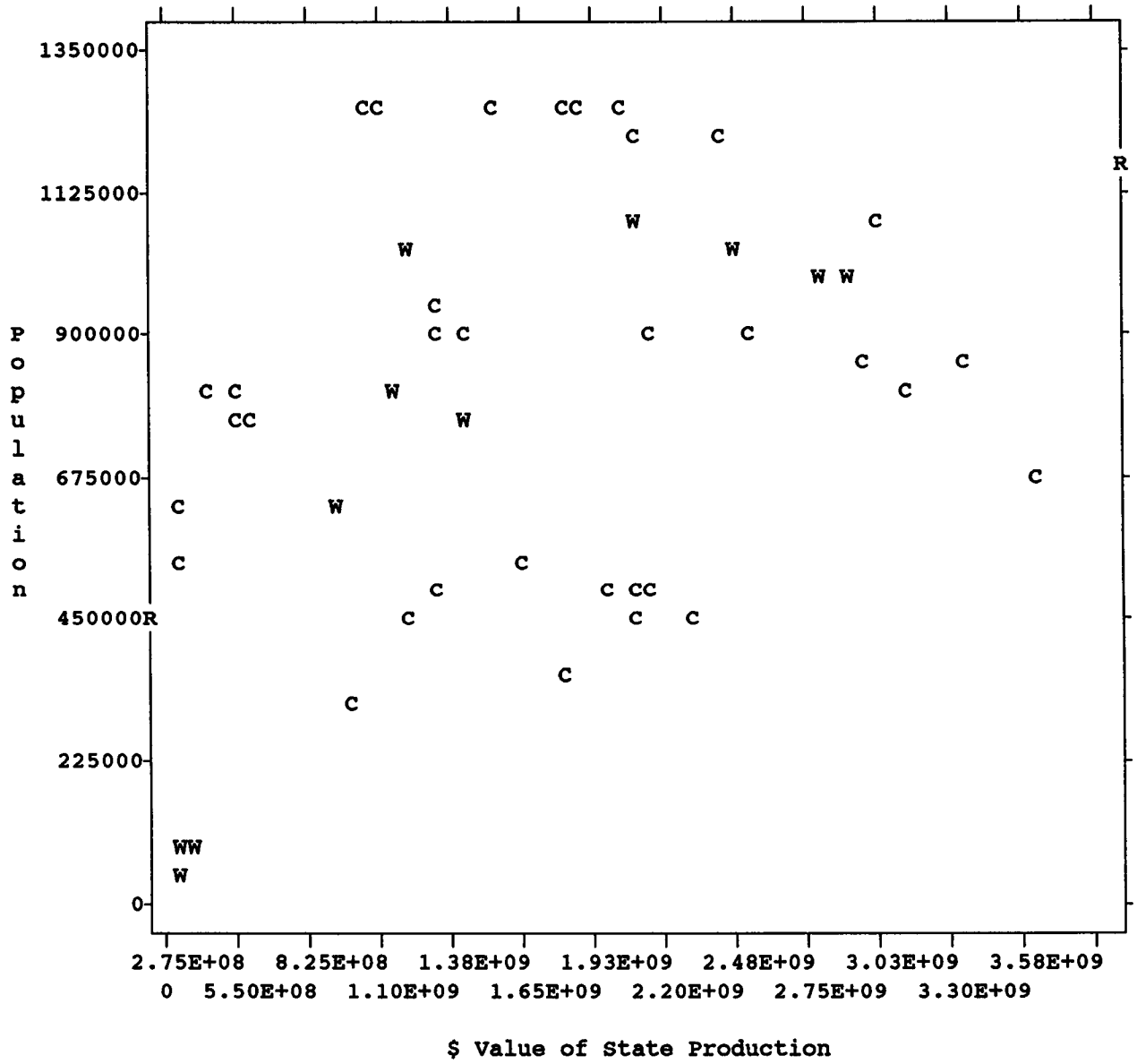
(Revised impact area - 36 Counties and Parishes)



60 cases plotted. Regression statistics of MINE80$ on STPRD80$:
Correlation .65366 R Squared .42727 S.E. of Est 212645.410 Sig. .0000
Intercept(S.E.) 97114.5953(44625.180) Slope(S.E.) .00019(.00003)
Use first character of CAA as plotting symbol and $ for multiple occurrence.

Figure 56. Earnings from mining jobs as a function of dollar value of State production

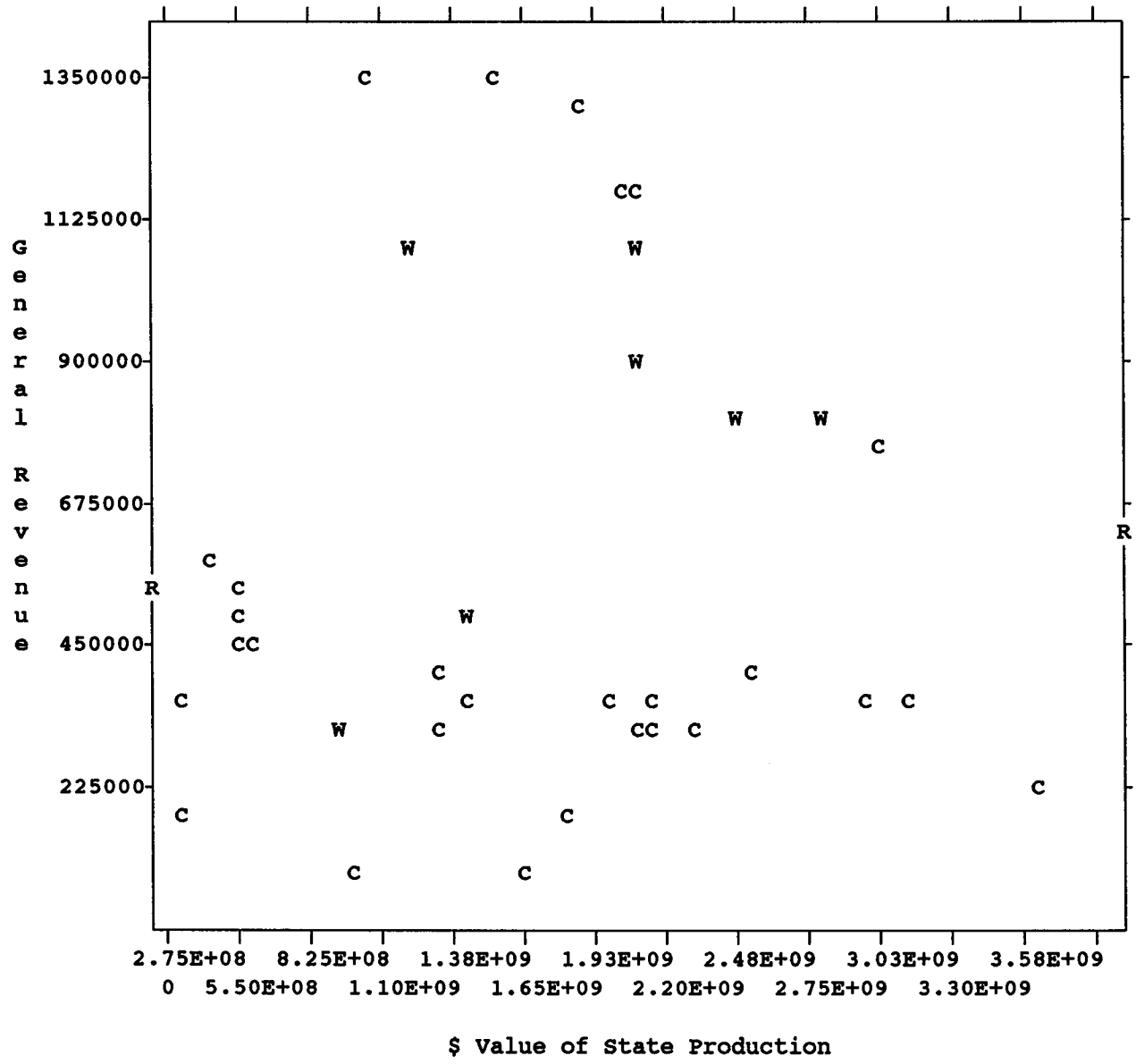
(Revised impact area - 36 Counties and Parishes)



60 cases plotted. Regression statistics of POPULATN on STPRD80$:
Correlation .48795 R Squared .23810 S.E. of Est 335155.033 Sig. .0001
Intercept(S.E.) 469838.853(70334.711) Slope(S.E.) .00020(.00005)
Use first character of CAA as plotting symbol and $ for multiple occurrence.

Figure 57. Population as a function of dollar value of State production

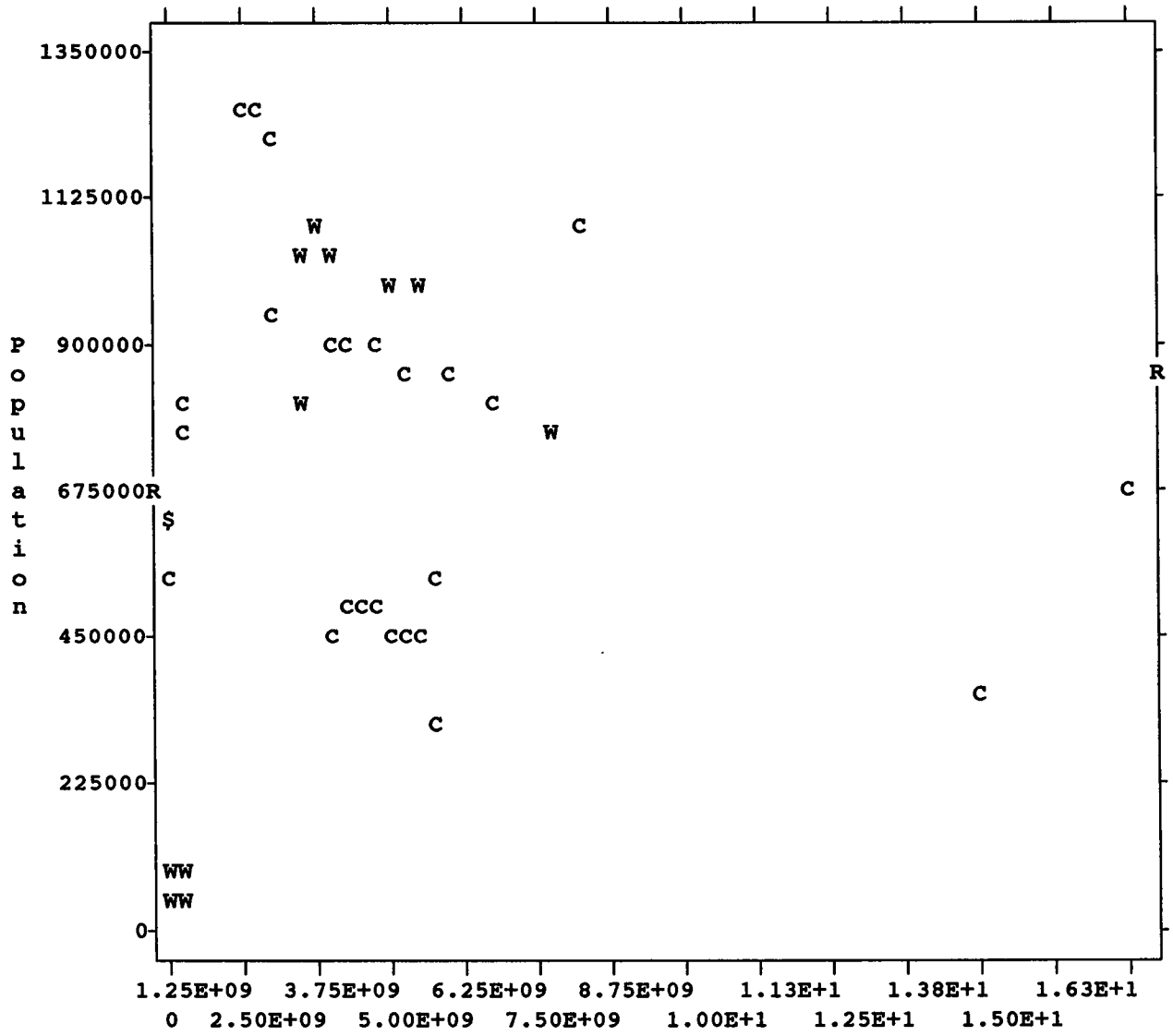
(Revised impact area - 36 Counties and Parishes)



35 cases plotted. Regression statistics of GENRV80$ on STPRD80$:
Correlation .07113 R Squared .00506 S.E. of Est 379585.051 Sig. .6847
Intercept(S.E.) 536934.715(123372.75) Slope(S.E.) .00003(.00007)
Use first character of CAA as plotting symbol and $ for multiple occurrence.

Figure 58. Local government general revenue as a function of dollar value of State production

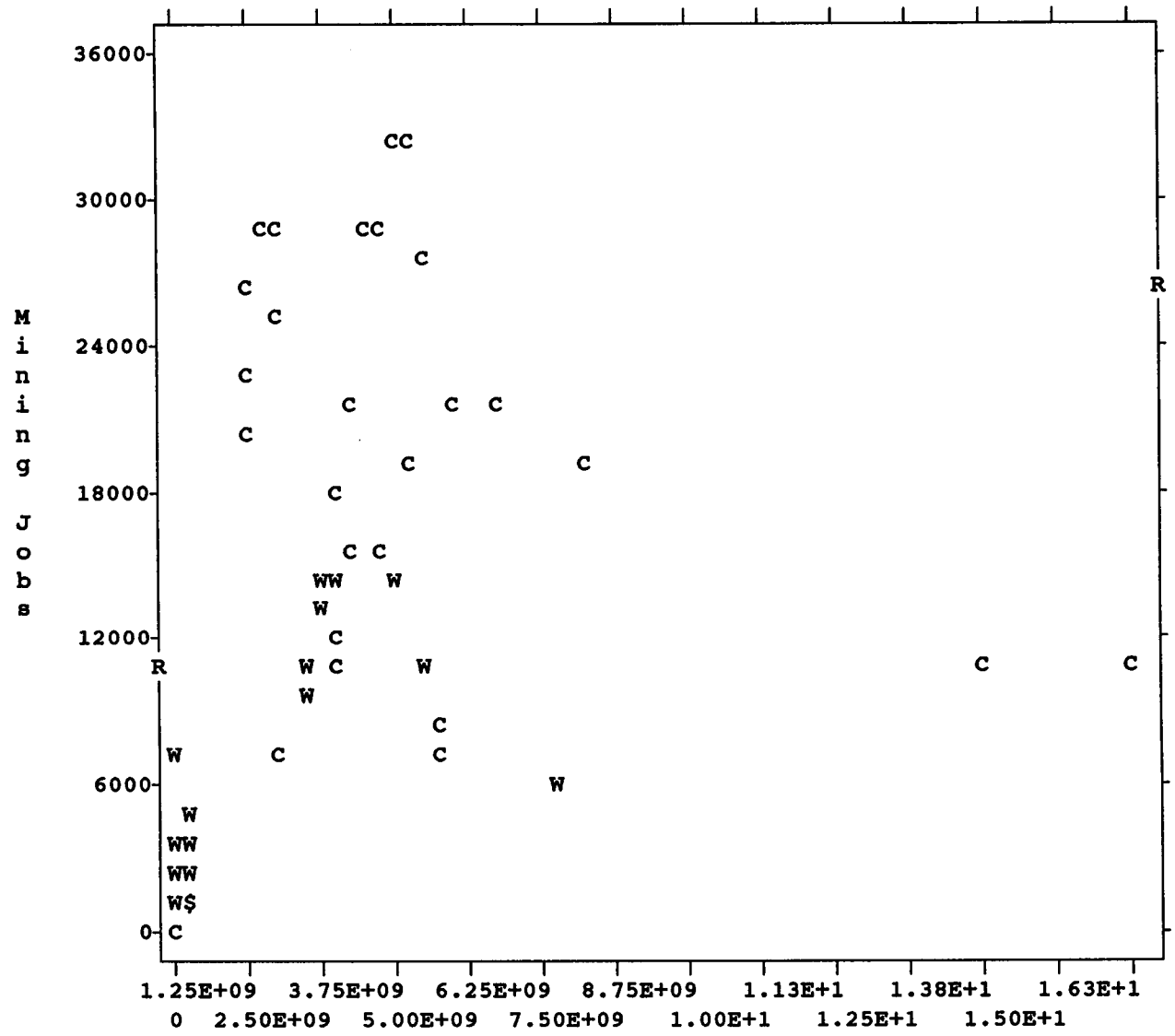
(Revised impact area - 36 Counties and Parishes)



60 cases plotted. Regression statistics of POPULATN on SBBLEQUI:
Correlation .08614 R Squared .00742 S.E. of Est 382542.148 Sig. .5129
Intercept(S.E.) 678662.491(64437.047) Slope(S.E.) .00001(.00002)
Use first character of CAA as plotting symbol and $ for multiple occurrence.

Figure 59. Population as a function of barrel equivalents of State production

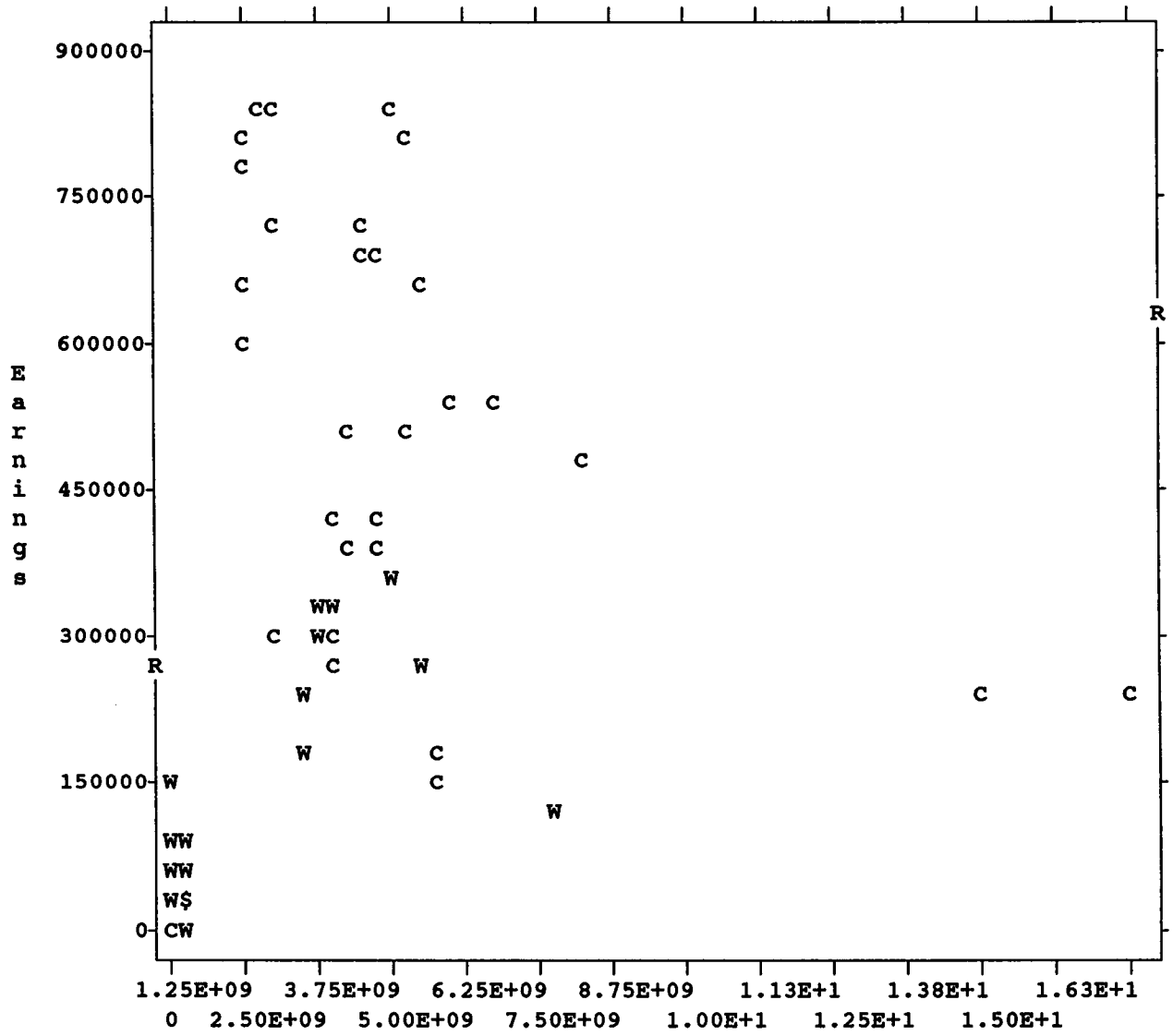
(Revised impact area - 36 Counties and Parishes)



60 cases plotted. Regression statistics of MINE on SBBLEQUI:
Correlation .29557 R Squared .08736 S.E. of Est 9691.00585 Sig. .0219
Intercept(S.E.) 10452.3125(1632.3948) Slope(S.E.) .00000(.00000)
Use first character of CAA as plotting symbol and $ for multiple occurrence.

Figure 60. Mining jobs as a function of barrel equivalents of State production

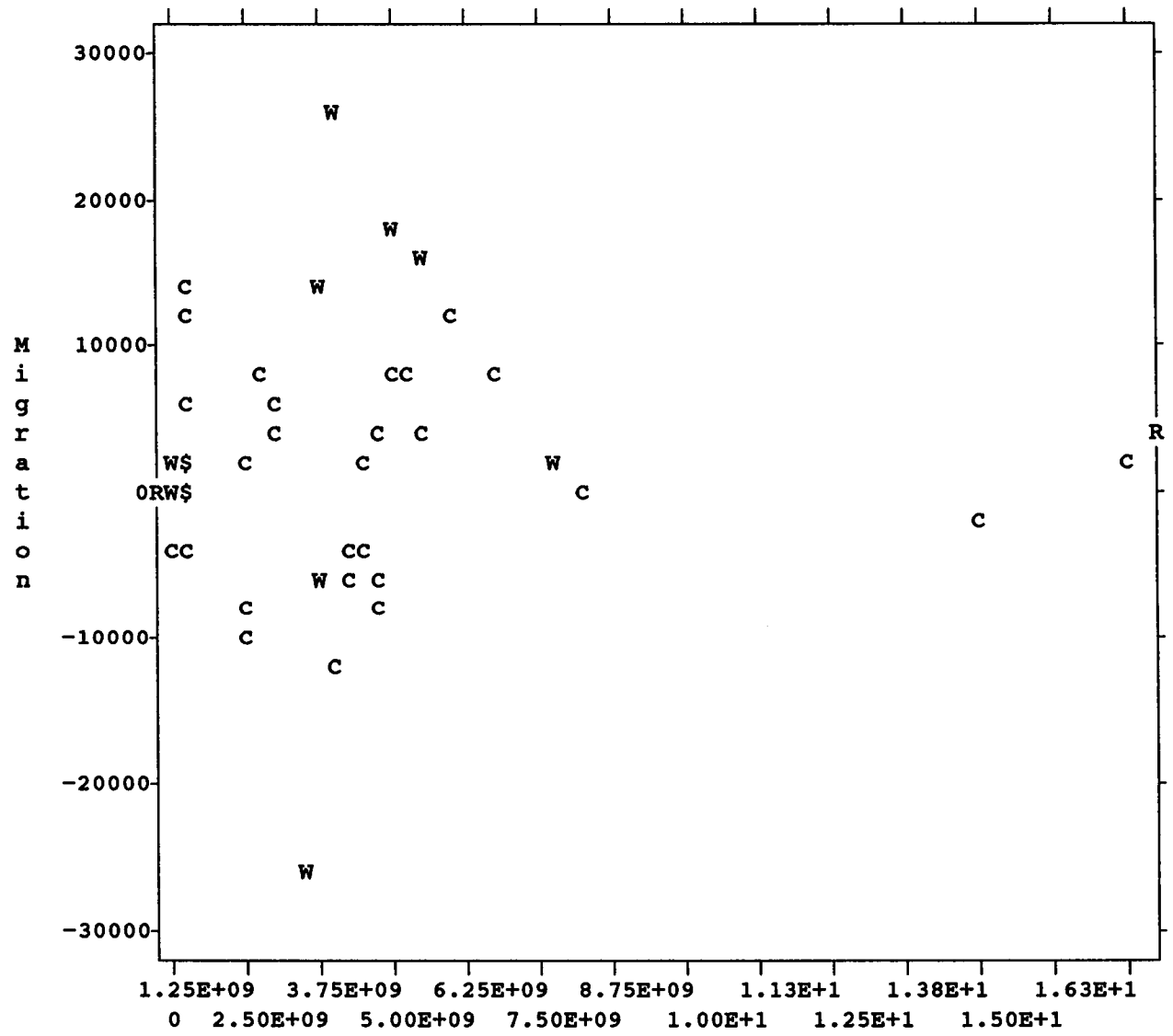
(Revised impact area - 36 Counties and Parishes)



60 cases plotted. Regression statistics of MINE80$ on SBBLEQUI:
Correlation .22709 R Squared .05157 S.E. of Est 273642.190 Sig. .0810
Intercept(S.E.) 275960.180(46093.469) Slope(S.E.) .00002(.00001)
Use first character of CAA as plotting symbol and $ for multiple occurrence.

Figure 61. Earnings from mining jobs as a function of barrel equivalents of State production

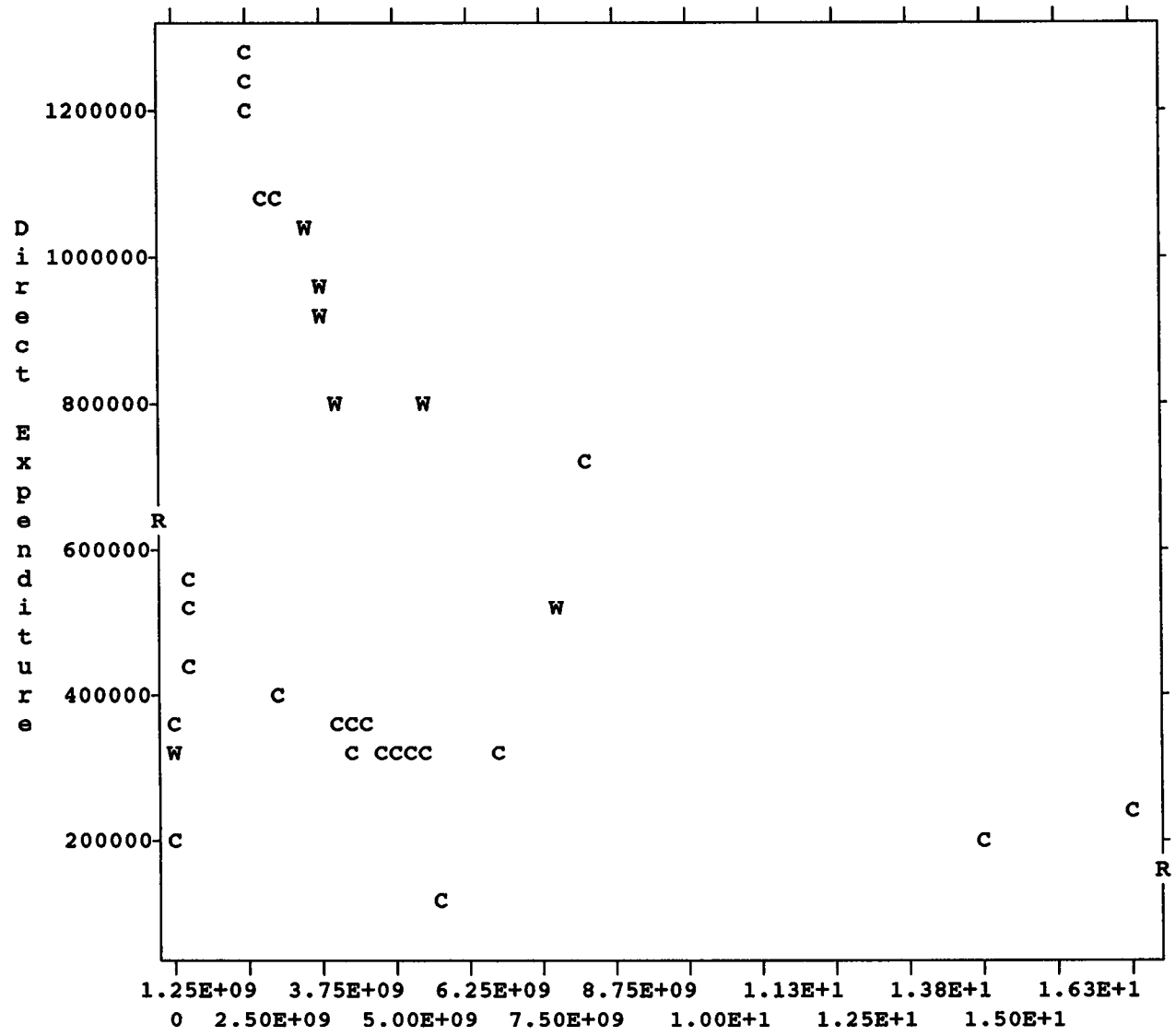
(Revised impact area - 36 Counties and Parishes)



48 cases plotted. Regression statistics of MIGRATN on SBBLEQUI:
Correlation .07200 R Squared .00518 S.E. of Est 8748.88490 Sig. .6268
Intercept(S.E.) 951.66677(1653.8383) Slope(S.E.) .00000(.00000)
Use first character of CAA as plotting symbol and $ for multiple occurrence.

Figure 62. Migration as a function of barrel equivalents of State production

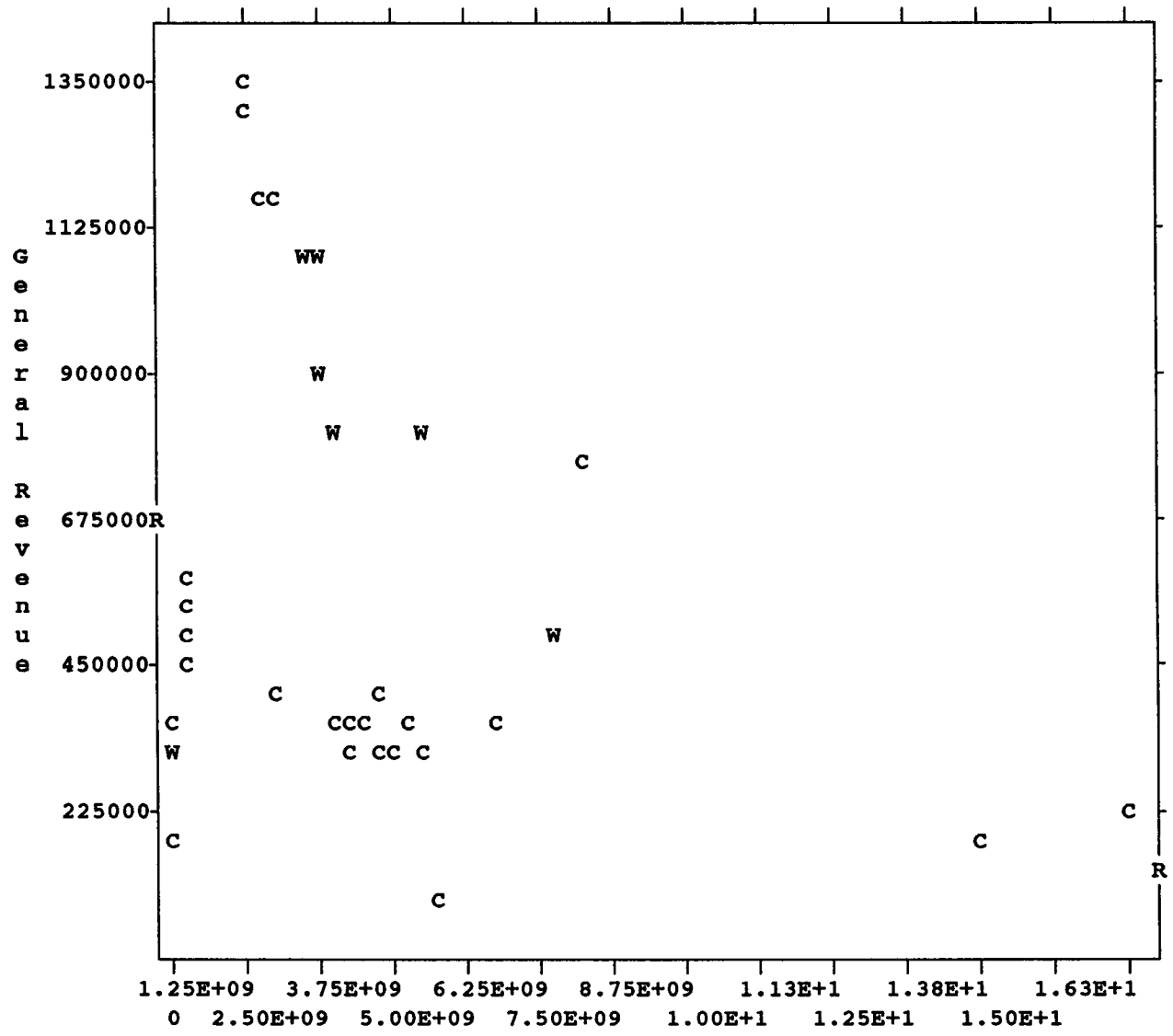
(Revised impact area - 36 Counties and Parishes)



35 cases plotted. Regression statistics of DRGNEX8$ on SBBLEQUI:
Correlation -.30173 R Squared .09104 S.E. of Est 332063.415 Sig. .0781
Intercept(S.E.) 651056.735(76919.383) Slope(S.E.) -.00003(.00002)
Use first character of CAA as plotting symbol and $ for multiple occurrence.

Figure 63. Local government direct expenditures as a function of barrel equivalents of State production

(Revised impact area - 36 Counties and Parishes)



35 cases plotted. Regression statistics of GENRV80$ on SBBLEQUI:
Correlation -.30011 R Squared .09007 S.E. of Est 363007.588 Sig. .0798
Intercept(S.E.) 684013.813(84087.313) Slope(S.E.) -.00003(.00002)
Use first character of CAA as plotting symbol and $ for multiple occurrence.

Figure 64. Local government general revenue as a function of barrel equivalents of State production

(Revised impact area - 36 Counties and Parishes)

The results of the preceding analyses indicate several trends which have implications for developing models of the socioeconomic impacts of decline in OCS oil and gas activity.

(1) Variables measuring oil and gas production (such as BBLQV#2) are highly correlated with variables measuring oil and gas development (such as EXPWEL#2). Thus, for the purposes of analysis, no distinction needs to be made between production and development.

(2) Many of the socioeconomic indicators (dependent variables) are highly correlated. This indicates that there is a great deal of redundant information (overlap) among such variables and that they do not represent theoretically different dimensions.

(3) The area of impact is probably smaller than was originally estimated. While declines in OCS oil and gas activities did affect local economies along the Gulf Coast, those sections that were more heavily dependent on oil as a major economic activity received the most impact.

(4) The effects of declines in OCS oil and gas activities are confounded by declines in non-OCS oil and gas activities. Some socioeconomic indicators (such as population) seem to be more highly related to non-OCS declines.

The dependent variables most highly related to OCS oil and gas activities are mining employment and earnings from mining employment. That these variables would be substantially impacted by declines in oil and gas production is logical. A series of regression equations were developed to find the best possible fitting model.

C. Conceptual Cause-Effect Models

Since multiple dependent variables would make the relationship to specific oil and gas activities difficult to interpret, a seperate model was considered for each dependent variable. Only variables which had data available by county or parish on an annual basis for the years 1960, 1970, and 1980 through 1986 were selected. The variables were selected based on theoretical meaning and statistical analysis. The dependent variables considered include: mining jobs, earnings from mining jobs, population, per capita income, total personal income, total jobs, migration, local government direct expenditures, and local government general revenue.

Stepwise multiple linear regression was used to select the best independent variables for predicting each dependent variable. Such a procedure indicates which independent variables maximize the amount of explained variance for the dependent variables.

Model 1: Mining Jobs

Stepwise regression was used to select the subset of independent variables that maximizes the prediction of number of mining jobs (MINE). The dollar value of OCS production (PRD$8CA2) and the dollar value of state (non-OCS) production (STPRD80$) explained 66 percent of the variance. The other independent variables were not significant predictors (Table 16).

The resulting model equation for estimating impact on the number of mining jobs is:

$$MINE = 3603.09 + 2.83E\text{-}06(PRD\$8CA2) + 3.20E\text{-}06(STPRD80\$).$$

Model 2: Earnings from Mining Jobs

The best predictor of the earnings from mining employment is the dollar value of OCS production(PRD$8CA2). Sixty-three percent of the variance is explained, and no other predictors were statistically significant (Table 17).

The resulting equation for estimating impact on earnings from mining jobs is:

$$MINE80\$ = 120270.25 + 1.08E\text{-}04(PRD\$8CA2).$$

Table 16.
Model 1: Mining jobs

*** * * * M U L T I P L E R E G R E S S I O N * * * ***

Equation Number 1 Dependent Variable.. MINE

Block Number 1. Method: Stepwise Criteria PIN .0500 POUT .1000
BBLEQV#2 EXPWEL#2 PRD$8CA2 STPRD80$ SBBLEQUI

Variable(s) Entered on Step Number 1.. PRD$8CA2

Multiple R	.78233
R Square	.61205
Adjusted R Square	.60536
Standard Error	6318.43252

Analysis of Variance

	DF	Sum of Squares	Mean Square
Regression	1	3653032173.08353	3653032173.08353
Residual	58	2315510191.89981	39922589.51551

F = 91.50289 Signif F = .0000

---------- Variables in the Equation ----------

Variable	B	SE B	Beta	T	Sig T
PRD$8CA2	3.835445E-06	4.00958E-07	.782335	9.566	.0000
(Constant)	5509.694361	1125.159676		4.897	.0000

---------- Variables not in the Equation ----------

Variable	Beta In	Partial	Min Toler	T	Sig T
BBLEQV#2	.142831	.096723	.177907	.734	.4662
EXPWEL#2	-.012486	-.008892	.196768	-.067	.9467
STPRD80$	.301128	.354156	.536618	2.859	.0059
SBBLEQUI	.138129	.216871	.956336	1.677	.0990

Table 16.
Model 1: Mining jobs (continued)

Equation Number 1 Dependent Variable.. MINE

Variable(s) Entered on Step Number 2.. STPRD80$

Multiple R	.81284
R Square	.66071
Adjusted R Square	.64880
Standard Error	5960.51981

Analysis of Variance

	DF	Sum of Squares	Mean Square
Regression	2	3943457970.83267	1971728985.41633
Residual	57	2025084394.15067	35527796.38861

F = 55.49821 Signif F = .0000

---------- Variables in the Equation ----------

Variable	B	SE B	Beta	T	Sig T
PRD$8CA2	2.830497E-06	5.16346E-07	.577350	5.482	.0000
STPRD80$	3.198170E-06	1.11858E-06	.301128	2.859	.0059
(Constant)	3603.091256	1253.517983		2.874	.0057

---------- Variables not in the Equation ----------

Variable	Beta In	Partial	Min Toler	T	Sig T
BBLEQV#2	-.042739	-.029047	.156720	-.217	.8286
EXPWEL#2	-.042988	-.032676	.174393	-.245	.8076
SBBLEQUI	-.068818	-.076794	.237067	-.576	.5667

Table 17.
Model 2: Earnings from mining jobs

**** MULTIPLE REGRESSION ****

Equation Number 1 Dependent Variable.. MINE80$

Block Number 1. Method: Stepwise Criteria PIN .0500 POUT .1000
BBLEQV#2 EXPWEL#2 PRD$8CA2 STPRD80$ SBBLEQUI

Variable(s) Entered on Step Number 1.. PRD$8CA2

Multiple R .79349
R Square .62963
Adjusted R Square .62325
Standard Error 171000.48326

Analysis of Variance

	DF	Sum of Squares	Mean Square
Regression	1	2883199730793.48240	2883199730793.48
Residual	58	1695987585958.61120	29241165275.1485

F = 98.60071 Signif F = .0000

---------- Variables in the Equation ----------

Variable	B	SE B	Beta	T	Sig T
PRD$8CA2	1.077523E-04	1.08514E-05	.793493	9.930	.0000
(Constant)	120270.24639	30451.04108		3.950	.0002

---------- Variables not in the Equation ----------

Variable	Beta In	Partial	Min Toler	T	Sig T
BBLEQV#2	-.140252	-.097205	.177907	-.737	.4639
EXPWEL#2	-.091153	-.066440	.196768	-.503	.6171
STPRD80$	.211527	.254613	.536618	1.988	.0516
SBBLEQUI	.064078	.102966	.956336	.782	.4377

Model 3: Population

The socioeconomic indicator POPULATION is best predicted by the variables STPRD80$, dollar value of state (non-OCS) production, and SBBLEQUIV, barrel equivalents of state oil and gas production. Thus OCS activity as measured by the independent variables with data for the period 1981 through 1986 has not been statistically related to past changes in population and therefore are not used in the model of future population. The indicators of non-OCS productivity only explain 35 percent of the variance in population. Thus, 65 percent is due to other factors. The low percentage of variance explained, while statistically significant, is not theoretically substantial (Table 18).

The resulting equation for estimating impact on population is:

POPULATN = 464700.29 + 3.19E-04(STPRD80$) + (-5.80E-05)(SBBLEQUI).

Model 4: Per Capita Income

Changes in per capita income (PERCPT$8) is best explained by the number of exploratory wells drilled (EXPWEL#2) and volume of state (non-OCS) production (SBBLEQUI). EXPWEL#2 has not been significantly related to any socioeconomic indicators in the previous analyses, therefore this deviation from the pattern would be interpreted as an artifact of multicollinearity. Only 23 percent of the variance is explained by these two predictors, so the model is not a strong one (Table 19).

The resulting equation for estimating impact on per capita income is:

PERCPT$8 = 8232.87 + 19.27(EXPWEL#2) + (-1.79E-07)(SBBLEQUI).

Model 5: Total Personal Income

Total personal income (TTLPSIN8) is most highly related to measures of non-OCS productivity, as was population in Model 3. Again, this finding seems to corroborate what has been seen in previous analyses; that is, much of the "pure" socioeconomic change such as demographic change does not stem substantially from OCS declines. The effects of non-OCS declines are inextricably confounding and may even be more influential in some cases for these types of variables (Table 20).

The resulting equation for estimating impact on total personal income is:

TTLPSIN8 = 3715642.34 + 3.71E-03(STPRD80$) + (-7.33E-04)(SBBLEQUI).

Table 18.
Model 3: Population

```
* * * *  M U L T I P L E  R E G R E S S I O N  * * * *

Equation Number 1    Dependent Variable..   POPULATN

Block Number  1.  Method:  Stepwise     Criteria   PIN  .0500   POUT  .1000
   BBLEQV#2 EXPWEL#2 PRD$8CA2 STPRD80$ SBBLEQUI


Variable(s) Entered on Step Number 1..    STPRD80$


Multiple R            .48795
R Square              .23810
Adjusted R Square     .22496
Standard Error 335155.03262

Analysis of Variance
                    DF       Sum of Squares      Mean Square
Regression           1 2036001521163.73408 2036001521163.73
Residual            58 6515075961681.25040 112328895891.056

F =       18.12536       Signif F =  .0001


------------------ Variables in the Equation ------------------

Variable              B         SE B       Beta         T  Sig T

STPRD80$    1.961577E-04 4.60747E-05    .487954     4.257  .0001
(Constant) 469838.85329 70334.70887                 6.680  .0000


------------- Variables not in the Equation -------------

Variable     Beta In  Partial  Min Toler         T  Sig T

BBLEQV#2    -.175630 -.138830    .476065    -1.058  .2943
EXPWEL#2     .024499  .021799    .603212      .165  .8698
PRD$8CA2     .184883  .155160    .536618     1.186  .2406
SBBLEQUI    -.451805 -.380725    .541029    -3.109  .0029
```

Table 18.
Model 3: Population (continued)

```
Equation Number 1    Dependent Variable..   POPULATN

Variable(s) Entered on Step Number 2..    SBBLEQUI


Multiple R            .59037
R Square              .34854
Adjusted R Square     .32568
Standard Error 312620.63791

Analysis of Variance
                    DF       Sum of Squares       Mean Square
Regression           2 2980372677795.65640 1490186338897.83
Residual            57 5570704805049.32800 97731663246.4795

F =      15.24773       Signif F =  .0000


------------------ Variables in the Equation ------------------

Variable              B        SE B       Beta         T  Sig T

STPRD80$    3.192045E-04 5.84284E-05    .794040     5.463  .0000
SBBLEQUI    -5.79828E-05 1.86529E-05   -.451805    -3.109  .0029
(Constant) 464700.28772 65626.52572                7.081  .0000


------------- Variables not in the Equation -------------

Variable     Beta In  Partial  Min Toler         T  Sig T

BBLEQV$2    -.247977 -.209892    .306366    -1.606  .1138
EXPWEL$2    -.085290 -.079577    .334358     -.597  .5527
PRD$8CA2    -.035172 -.028209    .237067     -.211  .8335
```

Table 19.
Model 4: Per capita income

```
          * * * *   M U L T I P L E   R E G R E S S I O N   * * * *

Equation Number 1     Dependent Variable..    PERCPT$8

Block Number  1.  Method:  Stepwise      Criteria   PIN  .0500   POUT  .1000
   BBLEQV#2 EXPWEL#2 PRD$8CA2 STPRD80$ SBBLEQUI


Variable(s) Entered on Step Number 1..     EXPWEL#2


Multiple R            .38621
R Square              .14916
Adjusted R Square     .13449
Standard Error    1677.04905

Analysis of Variance
                    DF        Sum of Squares      Mean Square
Regression           1        28596518.03250   28596518.03250
Residual            58       163124623.12842    2812493.50221

F =       10.16767       Signif F =  .0023


------------------ Variables in the Equation ------------------

Variable               B         SE B       Beta          T  Sig T

EXPWEL#2       15.807541     4.957395    .386208      3.189  .0023
(Constant)   7989.212283   356.432404                22.414  .0000


------------- Variables not in the Equation -------------

Variable     Beta In  Partial  Min Toler         T  Sig T

BBLEQV#2     .084836  .045102    .240478       .341  .7345
PRD$8CA2     .144126  .069310    .196768       .525  .6019
STPRD80$    -.062107 -.052294    .603212      -.395  .6941
SBBLEQUI    -.294536 -.305880    .917641     -2.426  .0185
```

Table 19.
Model 4: Per capita income (continued)

Equation Number 1 Dependent Variable.. PERCPT$8

Variable(s) Entered on Step Number 2.. SBBLEQUI

Multiple R	.47829
R Square	.22876
Adjusted R Square	.20170
Standard Error	1610.61340

Analysis of Variance

	DF	Sum of Squares	Mean Square
Regression	2	43858836.05309	21929418.02654
Residual	57	147862305.10783	2594075.52821

F = 8.45365 Signif F = .0006

---------- Variables in the Equation ----------

Variable	B	SE B	Beta	T	Sig T
EXPWEL#2	19.267241	4.970073	.470735	3.877	.0003
SBBLEQUI	-1.78983E-07	7.37893E-08	-.294536	-2.426	.0185
(Constant)	8232.870329	356.747226		23.078	.0000

---------- Variables not in the Equation ----------

Variable	Beta In	Partial	Min Toler	T	Sig T
BBLEQV#2	.335547	.174798	.209291	1.329	.1894
PRD$8CA2	.072851	.036559	.186372	.274	.7853
STPRD80$	.325496	.214318	.334358	1.642	.1062

Table 20.
Model 5: Personal income

**** MULTIPLE REGRESSION ****

Equation Number 1 Dependent Variable.. TTLPSIN8

Block Number 1. Method: Stepwise Criteria PIN .0500 POUT .1000
BBLEQV#2 EXPWEL#2 PRD$8CA2 STPRD80$ SBBLEQUI

Variable(s) Entered on Step Number 1.. STPRD80$

Multiple R .51765
R Square .26796
Adjusted R Square .25534
Standard Error 3394242.7117

Analysis of Variance

	DF	Sum of Squares	Mean Square
Regression	1	244600447421091.008	244600447421091
Residual	58	668211247974793.120	11520883585772.3

F = 21.23105 Signif F = .0000

---------- Variables in the Equation ----------

Variable	B	SE B	Beta	T	Sig T
STPRD80$	.002150	4.66616E-04	.517652	4.608	.0000
(Constant)	3780569.1455	712306.3947		5.308	.0000

---------- Variables not in the Equation ----------

Variable	Beta In	Partial	Min Toler	T	Sig T
BBLEQV#2	-.056518	-.045578	.476065	-.344	.7318
EXPWEL#2	.113734	.103242	.603212	.784	.4365
PRD$8CA2	.286676	.245447	.536618	1.912	.0610
SBBLEQUI	-.552526	-.475003	.541029	-4.075	.0001

Table 20.
Model 5: Personal income (continued)

```
Equation Number 1    Dependent Variable..   TTLPSIN8

Variable(s) Entered on Step Number 2..    SBBLEQUI


Multiple R            .65813
R Square              .43313
Adjusted R Square     .41324
Standard Error 3012966.1596

Analysis of Variance
                    DF      Sum of Squares      Mean Square
Regression           2 395367685908792.400  197683842954396
Residual            57 517444009487091.760 9077965078720.91

F =      21.77623       Signif F =  .0000


------------------ Variables in the Equation ------------------

Variable              B        SE B       Beta         T  Sig T

STPRD80$        .003705 5.63119E-04    .891974     6.579  .0000
SBBLEQUI   -7.32625E-04 1.79772E-04   -.552526    -4.075  .0001
(Constant) 3715642.3400 632493.4351                5.875  .0000


------------- Variables not in the Equation -------------

Variable     Beta In  Partial  Min Toler         T  Sig T

BBLEQV#2    -.141825 -.128689    .306366      -.971  .3357
EXPWEL#2    -.015197 -.015200    .334358      -.114  .9098
PRD$8CA2     .034561  .029715    .237067       .222  .8248
```

Model 6: Total Jobs

Total jobs (TTLJOBS) is best predicted by PRD$8CA2, BBLEQV#2, and STPRD80$. This again indicates "mixed" effects. Forty-eight percent of the variance is explained which is not a strong model (Table 21).

The resulting equation for estimating impact on total jobs is:

$$TTLJOBS = 216521.92 + 1.04E\text{-}04(PRD\$8CA2) + (-5.51E\text{-}05)(BBLEQV\#2) + (8.17E\text{-}05)(STPRD80\$).$$

Model 7: Migration

Migration (MIGRATN) was examined to see how it might be different from POPULATN. Non-OCS indicators are stronger predictors than OCS predictors. Only 36% of the variance is explained by all three predictors (Table 22).

The resulting equation for estimating impact on migration is:

$$MIGRATN = 632.12 + 8.65E\text{-}06(STPRD80\$) + (-128.02)(EXPWEL\#2) + (-1.13E\text{-}06)(SBBLEQUI).$$

Model 8: Local Government General Revenue and Direct Expenditures

For "state of the economy" variables like DRGNEX8$ and GENRV80$, no variable was a significant predictor. Thus such variables were not statistically related to OCS or non-OCS activity based on the data available for the defined variables (Tables 23 and 24).

Table 21.
Model 6: Total jobs

**** MULTIPLE REGRESSION ****

Equation Number 1 Dependent Variable.. TTLJOBS

Block Number 1. Method: Stepwise Criteria PIN .0500 POUT .1000
BBLEQV#2 EXPWEL#2 PRD$8CA2 STPRD80$ SBBLEQUI

Variable(s) Entered on Step Number 1.. PRD$8CA2

Multiple R .54238
R Square .29418
Adjusted R Square .28201
Standard Error 155062.44873

Analysis of Variance

	DF	Sum of Squares	Mean Square
Regression	1	581244966079.20504	581244966079.205
Residual	58	1394573054320.44440	24044363005.5249

F = 24.17386 Signif F = .0000

---------- Variables in the Equation ----------

Variable	B	SE B	Beta	T	Sig T
PRD$8CA2	4.838031E-05	9.84001E-06	.542383	4.917	.0000
(Constant)	222735.69660	27612.86346		8.066	.0000

---------- Variables not in the Equation ----------

Variable	Beta In	Partial	Min Toler	T	Sig T
BBLEQV#2	-.755482	-.379292	.177907	-3.095	.0031
EXPWEL#2	-.379663	-.200460	.196768	-1.545	.1279
STPRD80$	.222195	.193740	.536618	1.491	.1415
SBBLEQUI	-.071508	-.083237	.956336	-.631	.5308

Table 21.
Model 6: Total jobs (continued)

Equation Number 1 Dependent Variable.. TTLJOBS

Variable(s) Entered on Step Number 2.. BBLEQV#2

Multiple R .62906
R Square .39572
Adjusted R Square .37452
Standard Error 144728.80685

Analysis of Variance

	DF	Sum of Squares	Mean Square
Regression	2	781871651089.75536	390935825544.878
Residual	57	1193946369309.89408	20946427531.7525

F = 18.66360 Signif F = .0000

---------- Variables in the Equation ----------

Variable	B	SE B	Beta	T	Sig T
PRD$8CA2	1.094812E-04	2.17745E-05	1.227374	5.028	.0000
BBLEQV#2	-4.12614E-05	1.33323E-05	-.755482	-3.095	.0031
(Constant)	254544.76399	27746.53838		9.174	.0000

---------- Variables not in the Equation ----------

Variable	Beta In	Partial	Min Toler	T	Sig T
EXPWEL#2	-.170414	-.092300	.131145	-.694	.4908
STPRD80$	.422645	.373813	.156720	3.016	.0038
SBBLEQUI	.159571	.166699	.122682	1.265	.2111

Table 21.
Model 6: Total jobs (continued)

```
Equation Number 1    Dependent Variable..   TTLJOBS

Variable(s) Entered on Step Number 3..    STPRD80$


Multiple R            .69294
R Square              .48016
Adjusted R Square     .45231
Standard Error 135429.77970

Analysis of Variance
                    DF       Sum of Squares      Mean Square
Regression           3  948709407608.49440 316236469202.832
Residual            56 1027108612791.15488 18341225228.4135

F =      17.24184       Signif F =  .0000


------------------ Variables in the Equation ------------------

Variable              B        SE B       Beta          T  Sig T

PRD$8CA2    1.043050E-04 2.04476E-05   1.169345      5.101  .0000
BBLEQV#2    -5.50962E-05 1.32923E-05  -1.008792     -4.145  .0001
STPRD80$    8.167060E-05 2.70790E-05    .422645      3.016  .0038
(Constant) 216521.92299 28862.68225                 7.502  .0000


------------- Variables not in the Equation -------------

Variable     Beta In  Partial  Min Toler         T  Sig T

EXPWEL#2     -.133904 -.078083    .129850     -.581  .5637
SBBLEQUI     -.192988 -.152648    .108318    -1.145  .2570


End Block Number   1   PIN =     .050 Limits reached.
```

Table 22.
Model 7: Migration

**** MULTIPLE REGRESSION ****

Equation Number 1 Dependent Variable.. MIGRATN

Block Number 1. Method: Stepwise Criteria PIN .0500 POUT .1000
BBLEQV#2 EXPWEL#2 PRD$8CA2 STPRD80$ SBBLEQUI

Variable(s) Entered on Step Number 1.. STPRD80$

Multiple R	.29096
R Square	.08466
Adjusted R Square	.06476
Standard Error	8392.15685

Analysis of Variance

	DF	Sum of Squares	Mean Square
Regression	1	299621637.09835	299621637.09835
Residual	46	3239701646.18493	70428296.65619

F = 4.25428 Signif F = .0448

---------- Variables in the Equation ----------

Variable	B	SE B	Beta	T	Sig T
STPRD80$	2.557796E-06	1.24009E-06	.290955	2.063	.0448
(Constant)	-1965.340623	2061.210661		-.953	.3453

---------- Variables not in the Equation ----------

Variable	Beta In	Partial	Min Toler	T	Sig T
BBLEQV#2	-.494029	-.340794	.435576	-2.432	.0191
EXPWEL#2	-.549972	-.447103	.604949	-3.353	.0016
PRD$8CA2	-.335262	-.261139	.555339	-1.815	.0762
SBBLEQUI	-.220916	-.171840	.553831	-1.170	.2481

Table 22.
Model 7: Migration (continued)

Equation Number 1 Dependent Variable.. MIGRATN

Variable(s) Entered on Step Number 2.. EXPWEL#2

Multiple R	.51733
R Square	.26763
Adjusted R Square	.23508
Standard Error	7589.58743

Analysis of Variance

	DF	Sum of Squares	Mean Square
Regression	2	947240601.01215	473620300.50608
Residual	45	2592082682.27113	57601837.38380

F = 8.22231 Signif F = .0009

---------- Variables in the Equation ----------

Variable	B	SE B	Beta	T	Sig T
STPRD80$	5.596626E-06	1.44191E-06	.636630	3.881	.0003
EXPWEL#2	-106.472794	31.753898	-.549972	-3.353	.0016
(Constant)	413.895127	1994.573594		.208	.8365

---------- Variables not in the Equation ----------

Variable	Beta In	Partial	Min Toler	T	Sig T
BBLEQV#2	-.007537	-.003796	.185794	-.025	.9800
PRD$8CA2	.475419	.227841	.168205	1.552	.1278
SBBLEQUI	-.414777	-.346214	.330595	-2.448	.0184

Table 22.
Model 7: Migration (continued)

Equation Number 1 Dependent Variable.. MIGRATN

Variable(s) Entered on Step Number 3.. SBBLEQUI

Multiple R	.59617
R Square	.35542
Adjusted R Square	.31147
Standard Error	7200.67148

Analysis of Variance

	DF	Sum of Squares	Mean Square
Regression	3	1257937813.48657	419312604.49552
Residual	44	2281385469.79671	51849669.76811

F = 8.08708 Signif F = .0002

---------- Variables in the Equation ----------

Variable	B	SE B	Beta	T	Sig T
STPRD80$	8.647298E-06	1.85056E-06	.983651	4.673	.0000
EXPWEL#2	-128.023800	31.386730	-.661291	-4.079	.0002
SBBLEQUI	-1.12823E-06	4.60894E-07	-.414777	-2.448	.0184
(Constant)	632.122143	1894.463642		.334	.7402

---------- Variables not in the Equation ----------

Variable	Beta In	Partial	Min Toler	T	Sig T
BBLEQV#2	.050378	.026952	.184491	.177	.8605
PRD$8CA2	.172253	.077527	.130573	.510	.6127

Table 23.
Model 8: Direct expenditures

```
* * * *  M U L T I P L E  R E G R E S S I O N  * * * *

Equation Number 1    Dependent Variable..   DRGNEX8$

Block Number  1.  Method:  Stepwise     Criteria   PIN  .0500   POUT  .1000
   BBLEQV#2 EXPWEL#2 PRD$8CA2 STPRD80$ SBBLEQUI


End Block Number   1   PIN =      .050 Limits reached.

No variables entered/removed for this block.
```

Table 24.
Model 9: General revenue

```
* * * *  M U L T I P L E  R E G R E S S I O N  * * * *

Equation Number 1    Dependent Variable..   GENRV80$

Block Number  1.  Method:  Stepwise     Criteria   PIN  .0500   POUT  .1000
   BBLEQV#2 EXPWEL#2 PRD$8CA2 STPRD80$ SBBLEQUI


End Block Number   1   PIN =      .050 Limits reached.

No variables entered/removed for this block.
```

A set of conceptual cause-effect models that express the relationships between changes (declines) in OCS activities and changes for each SAC component were to be formulated. However, based on the analyses performed, no theoretically meaningful models relating OCS oil and gas activities to socioeconomic conditions are possible. A number of factors may account for this situation:

(1) The available data are limited statistically in that the data represent relatively large geographical areas (counties or parishes) and cannot be broken down into smaller geographic or political units. The selection of the original study area (as defined by MMS) was based primarily on proximity and consisted of 49 counties and parishes that bordered the Gulf of Mexico or had metropolitan areas near the Gulf. Actual economic impact was not a factor in defining the study area.

Data analysis revealed unexpectedly weak correlation and a series of outliers associated with the upper Texas coast and thus pointed to the need to reconsider the defined impact area within the study area It is highly probable that the remaining 36 counties and parishes do not adequately define the impact area either. The economic impact area may be far more localized. Further analysis on a restricted geographic range is impossible due to the aggregate nature of the existing data.

(2) The effects of non-OCS and OCS oil and gas production are inextricably mixed. Numerous industries and businesses in the Gulf of Mexico study area serve both sectors of the petroleum mining industry. The demographic characteristics, the employment patterns of the general population and government economic indicators are affected by onshore and offshore production. Many of the regression models indicated that non-OCS production was a better predictor of socioeconomic change than was OCS production. Also, these mixed effects may be one reason why there are such high levels of multicollinearity among variables and why the estimated regression models accounted for such a low amount of variance in the dependent variables.

D. Conclusion

Although most of the counties and parishes within the study area exhibit socioeconomic characteristics closely associated with the oil and gas industry, the association in select areas is more closely aligned with non-OCS oil and gas activity. In many cases, what was happening in non-OCS areas was statistically more significant than OCS activity.

There is a general perception that OCS declines severely impacted the U.S. economy. It is important to examine other factors that may have contributed to a negative impact on the nation's economy and to acknowledge that there was a general decline in the economy as a whole across the nation at the time of the GOM decline in oil prices.

The study revealed that the geographic area of OCS oil and gas activity impact within the 49 county and parish study area along the Gulf of Mexico is not contiguous. Although most of the counties and parishes within the study area exhibit socioeconomic characteristics closely associated with the oil and gas industry, the association in select areas is more closely aligned with non-OCS oil and gas activity. This report, related to the decline rather than the growth of the industry, helps provide an understanding of how this shift from development to decline affects socioeconomic factors and perhaps help decision makers to anticipate and mitigate undesired impacts.

Data from the Centaur study (Centaur Associates, Inc. 1986) together with the analyses performed under the current effort have led to a better understanding of the relationship between OCS activities and onshore impacts on counties and parishes along the Gulf coast.

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APPENDIX A.

APPENDIX A

DEMOGRAPHIC AND SOCIOECONOMIC INDICATORS

FOR YEARS 1960, 1970 and 1980

THE ORIGINAL DATA SET OF DEMOGRAPHIC AND SOCIOECONOMIC INDICATORS INCLUDES DATA FOR THE ENTIRE STUDY AREA BASED ON THE FOLLOWING 49 COUNTIES AND PARISHES:

COASTAL ANALYSIS AREA C1:

CALCASIEU, LA
CAMERON, LA
IBERIA, LA
LAFAYETTE, LA
VERMILION, LA

COASTAL ANALYSIS AREA C2:

ASCENSION, LA
EAST BATON ROUGE, LA
LAFOURCHE, LA
LIVINGSTON, LA
ST. CHARLES, LA
ST. JAMES, LA
ST. JOHN THE BAPTIST, LA
ST. MARY, LA
TERREBONNE, LA
WEST BATON ROUGE, LA

COASTAL ANALYSIS AREA C3:

JEFFERSON, LA
ORLEANS, LA
PLAQUEMINES, LA
ST. BERNARD, LA
ST. TAMMANY, LA

COASTAL ANALYSIS AREA C4:

BALDWIN, AL
MOBILE, AL
HANCOCK, MS
HARRISON, MS
JACKSON, MS
STONE, MS

COASTAL ANALYSIS AREA, W1:

ARANSAS, TX
CALHOUN, TX
CAMERON, TX
JACKSON, TX
KENEDY, TX
KLEBERG, TX
NUECES, TX
REFUGIO, TX
SAN PATRICIO, TX
VICTORIA, TX
WILLACY, TX

COASTAL ANALYSIS AREA W2:

BRAZORIA, TX
CHAMBERS, TX
FORT BEND, TX
GALVESTON, TX
HARDIN, TX
HARRIS, TX
JEFFERSON, TX
LIBERTY, TX
MATAGORDA, TX
MONTGOMERY, TX
ORANGE, TX
WALLER, TX

TABLE A1. DEMOGRAPHIC AND SOCIOECONOMIC CONDITIONS FOR 1960.

	COASTAL AREA						
	C-1	C-2	C-3	C-4	W-1	W-2	TOTAL
NUMBER OF INHABITANTS							
TOTAL POPULATION	327552	522767	929668	559452	563800	1937526	4840765
NET MIGRATION (1950-1960)							
URBAN POPULATION	204852	317313	866123	415262	430410	1683201	3917161
DEMOGRAPHIC COMPOSITION							
AGE							
UNDER 18	136142	224360	348599	227275	250076	746094	1932546
18-64	173475	268395	513317	297725	284531	1079701	2617144
65+	17935	30012	67752	34452	29193	111731	291075
TOTAL POPULATION	327552	522767	929668	559452	563800	1937526	4840765
RACE							
WHITE	256572	370748	643272	413609	542234	1545628	3772063
NONWHITE	70980	152019	286396	145843	21566	391898	1068702
GENDER							
MALES	162944	258122	447782	279714	280118	956082	2384762
FEMALES	164608	264645	481886	279738	283682	981444	2456003
HIGHEST LEVEL OF EDUCATIONAL ATTAINMENT							
MALES 25+	76778	118566	235048	133670	125547	501779	1191388
MALES W/4 YRS HIGH SCHOOL	14104	22089	41239	30840	21014	95473	224759
MALES W/1-3 YRS COLLEGE	11219	8709	18461	10505	11095	54431	114420
MALES W/ 4 OR MORE YEARS OF COLLEGE	6795	11422	23563	9428	11170	58095	120473
TOTAL MALES W/ 4 YRS HIGH SCHOOL	32118	42220	83263	50773	43279	207999	459652
FEMALES 25+	79990	125439	265797	140591	133735	523049	1268601
FEMALES W/4 YRS HIGH SCHOOL	16801	29140	61651	38327	28194	139806	313919
FEMALES W/1-3 YRS COLLEGE	5681	8974	17644	10290	11524	52453	106566
FEMALES W/ 4 OR MORE YEARS OF COLLEGE	4379	7874	14199	6514	7796	35448	76210
TOTAL FEMALES W/ 4YRS OF HIGH SCHOOL	26861	45988	93494	55131	47514	227707	496695
ALL PERSONS 25+	156768	244005	500845	274261	259282	1024828	2459989
TOTAL PERSONS W/ 4 YRS OF HIGH SCHOOL	58979	88208	176757	105904	90793	435706	956347
TOTAL PERSONS W/ 4 OR MORE YRS COLLEGE	11174	19296	37762	15942	18966	93543	196683
LABOR FORCE PARTICIPATION							
EMPLOYMENT/UNEMPLOYMENT							
PERSONS 16+ (14+'60)	212346	334906	636127	370416	354218	1310108	3218121
LABOR FORCE	112748	172383	342423	205099	194054	742903	1769610
CIVILIANS IN LABOR FORCE	107749	172068	339111	187627	183234	739617	1729406
EMPLOYED	100388	160317	320935	176223	171457	706037	1635357
UNEMPLOYED	7361	11751	18176	11404	11777	33580	94049
MALES 16+ (14+'60)	104441	162483	298633	183685	173524	637527	1560293
MALES IN LABOR FORCE	81431	122212	229945	142190	138621	512447	1226846
MALES IN CIVILIAN LABOR FORCE	76440	121897	226700	124958	127962	509169	1187126
MALES EMPLOYED	71099	113184	213630	117146	119377	485743	1120179
MALES UNEMPLOYED	5341	8713	13070	7812	8585	23426	66947
FEMALES 16+ (14+'60)	107905	172423	337494	186731	180694	672581	1657828
FEMALES IN LABOR FORCE	31317	50171	112478	62909	55433	230456	542764
FEMALES IN CIVILIAN LABOR FORCE	31309	50171	112411	62669	55272	230448	542280
FEMALES EMPLOYED	29289	47133	107305	59077	52080	220294	515178
FEMALES UNEMPLOYED	2020	3038	5106	3592	3192	10154	27102
INCOME BY PLACE OF RESIDENCE($000)							
TOTAL PERSONAL INCOME	1502943	2584435	5359851	2511474	2369422	12154421	26482546
NET EARNINGS	1247620	2102322	4244863	2081511	1876667	10192200	21745183
RESIDENTIAL ADJUSTMENT (EARNINGS)	-13477	-8696	-63201	-15190	-18245	-123126	-241935
DIVIDEND, INTEREST, RENT	154671	313606	765960	254412	359615	1440552	3288816
TRANSFER PAYMENTS	100653	168507	349029	175551	133040	521670	1448450
INCOME MAINTENANCE BENEFITS PAYMENTS							
STATE UNEMPLOYMENT INSURANCE COMPENSATION							
PER CAPITA INCOME (0$)	4588	4944	5765	4489	4203	6273	5471

All dollar amounts adjusted for inflation to a base year of 1980.

TABLE A1. DEMOGRAPHIC AND SOCIOECONOMIC CONDITIONS FOR 1960 (CONTINUED).

	COASTAL AREA						
	C-1	C-2	C-3	C-4	W-1	W-2	TOTAL
DATA BY MAJOR INDUSTRY							
NUMBER OF JOBS(FULL/PART-TIME)							
FARM							
AG. SERVICE FOR FISH & OTHER							
TOTAL FARM & AG. SERVICES	7945	9383	3254	6175	22096	17331	66184
MINING	7143	8844	7402	573	6024	20042	50028
CONSTRUCTION	8592	15107	22284	12974	13397	53639	125993
MANUFACTURING	13768	30923	50846	33575	20233	159144	308489
TRANSPORTATION & PUBLIC UTILITIES	7838	11678	38661	13333	12186	62155	145851
WHOLESALE TRADE	3351	4592	16557	5845	7195	34019	71559
RETAIL TRADE	17630	24540	53424	28924	31062	112393	267973
FINANCE, INSURANCE AND REAL ESTATE	3200	4847	16767	6094	5643	31822	68373
SERVICES	20150	28535	67735	35877	30072	131304	313673
TOTAL GOVERNMENT	8195	18001	26368	28861	16151	47100	144676
FEDERAL, CIVILIAN							
FEDERAL, MILITARY							
STATE & LOCAL							
TOTAL	97812	156450	303298	172231	164059	668949	1562799
EARNINGS BY PLACE OF WORK ($000)							
FARM	80197	52817	17964	29549	182354	130863	493744
AG. SERVICE FOR FISH & OTHER	9694	18771	10108	23063	28097	13808	103541
TOTAL FARM & AG. SERVICES	89891	71588	28072	52612	210451	144671	597285
MINING	166516	162605	294235	6299	167829	749627	1547111
CONSTRUCTION	103102	261206	278803	117680	145224	1010438	1916453
MANUFACTURING	231282	552556	659919	446296	293001	2821797	5004851
TRANSPORTATION & PUBLIC UTILITIES	105140	155046	643856	182710	140857	1038458	2266067
WHOLESALE TRADE	53509	124013	399859	105921	88482	889063	1660847
RETAIL TRADE	144805	260542	529637	239817	260169	1219945	2654915
FINANCE, INSURANCE AND REAL ESTATE	41986	73498	307176	84729	68143	519134	1094666
SERVICES	146342	242847	694664	269287	216303	1288736	2858179
TOTAL GOVERNMENT	205890	254574	577333	654440	350302	897196	2939735
FEDERAL, CIVILIAN	20464	21779	195278	332758	65035	180464	815778
FEDERAL, MILITARY	81309	12602	73108	197227	133965	67154	565365
STATE & LOCAL	104117	220193	308947	124455	151302	649578	1558592
TOTAL	1288463	2413049	4990887	2814231	2291063	11476261	25479844
LOCAL GOVERNMENT REVENUE BY SOURCE($000)*							
GENERAL REVENUE TOTAL (EXCLUDING INTERLOCAL	140345	223175	434957	218694	286946	1094138	2398255
INTERGOVERNMENTAL REVENUE	62756	112051	158011	74320	80596	228142	715876
FROM STATE	61217	110006	146043	61830	76567	221109	676772
FROM FEDERAL	1539	2045	11968	12490	4029	7033	39104
FROM LOCAL SOURCES	77589	111124	276946	144374	206350	865996	1682379
TAXES	50062	78302	169858	90569	135931	642693	1167415
PROPERTY	42951	60762	109902	58187	128718	610519	1011039
OTHER	7111	17540	59956	32382	7213	32174	156376
CHARGES & MISCELLANEOUS	27527	32822	107088	53805	70419	223303	514964
LOCAL GOVERNMENT EXPENDITURES BY FUNCTION($000)*							
DIRECT GENERAL EXPENDITURES	158365	253994	453917	238343	284734	1197138	2586491
EDUCATION	76516	127559	146353	92760	140497	576227	1159912
HIGHWAYS	16011	17931	33868	34636	29479	128378	260303
PUBLIC WELFARE	117	126	1138	691	2441	5801	10314
HEALTH & HOSPITALS	5703	11177	13200	29724	20590	46134	126528
POLICE PROTECTION	6721	13355	24851	9743	9762	48938	113370
FIRE PROTECTION	2836	5280	15487	5998	6301	30431	66333
HOUSING	1155	1843	32757	8105	2989	9492	56341
FINANCIAL ADMINISTRATION	1638	3000	5547	3011	5179	17772	36147
INTEREST ON GENERAL DEBT	11936	15831	33052	11635	16142	71349	159945
OTHER	35730	57892	147663	42039	51354	262615	597293
GENERAL DEBT OUTSTANDING	323120	476893	1084793	362236	556852	2281854	5085748

All dollar amounts adjusted for inflation to a base year of 1980.

*Local Government Revenue & Expenditure figures for 1960, 1970 and 1980 are from 1962, 1972 and 1982 Census of Governments data respectively.

TABLE A2. DEMOGRAPHIC AND SOCIOECONOMIC CONDITIONS FOR 1970.

	COASTAL AREA						
	C-1	C-2	C-3	C-4	W-1	W-2	TOTAL
NUMBER OF INHABITANTS							
TOTAL POPULATION	363793	654466	1071034	624735	577582	2555167	5846777
NET MIGRATION (1960-1970)	-24253	24007	7491	-30985	-97274	300293	179279
URBAN POPULATION	240262	406259	992134	460511	465226	2245029	4809421
DEMOGRAPHIC COMPOSITION							
AGE							
UNDER 18	145039	264876	393650	237826	232256	942638	2216285
18-64	193112	349505	589520	339749	303425	1446144	3221455
65+	25642	40085	87864	47160	41901	166385	409037
TOTAL POPULATION	363793	654466	1071034	624735	577582	2555167	5846777
RACE							
WHITE	285507	483106	736591	468442	551090	2035079	4559815
NONWHITE	78286	171360	334443	156293	26492	520088	1286962
GENDER							
MALES	177215	320904	510906	308333	281317	1253769	2852444
FEMALES	186578	333562	560128	316402	296265	1301398	2994333
HIGHEST LEVEL OF EDUCATIONAL ATTAINMENT							
MALES 25+	83430	145893	255491	147015	130231	639364	1401424
MALES W/4 YRS HIGH SCHOOL	19890	36477	57828	39899	28171	139090	321355
MALES W/1-3 YRS COLLEGE	7606	13984	25440	14151	14441	80489	156111
MALES W/ 4 OR MORE YEARS OF COLLEGE	9154	18402	35414	14788	14206	106205	198169
TOTAL MALES W/ 4 YRS HIGH SCHOOL	36650	68863	118682	68838	56818	325784	675635
FEMALES 25+	92140	157725	296932	162640	145670	681162	1538269
FEMALES W/4 YRS HIGH SCHOOL	24282	45163	85830	51622	36456	193968	437321
FEMALES W/1-3 YRS COLLEGE	7798	14481	25913	14122	14802	80641	157757
FEMALES W/ 4 OR MORE YEARS OF COLLEGE	6816	13223	22556	10038	10586	62647	125866
TOTAL FEMALES W/ 4YRS OF HIGH SCHOOL	38896	72867	134299	75782	61844	337256	720944
ALL PERSONS 25+	175570	303618	554423	309655	275901	1320526	2939693
TOTAL PERSONS W/ 4 YRS OF HIGH SCHOOL	75546	141730	252981	144620	118662	663040	1396579
TOTAL PERSONS W/ 4 OR MORE YRS COLLEGE	15970	31625	57970	24826	24792	168852	324035
LABOR FORCE PARTICIPATION							
EMPLOYMENT/UNEMPLOYMENT							
PERSONS 16+ (14+'60)	233458	415778	718707	411772	370287	1711120	3861122
LABOR FORCE	124445	223041	398795	231084	204026	1042982	2224373
CIVILIANS IN LABOR FORCE	124244	222712	396057	212677	196054	1039215	2190959
EMPLOYED	117683	212290	376166	202103	186588	1005550	2100380
UNEMPLOYED	6561	10422	19891	10574	9466	33665	90579
MALES 16+ (14+'60)	111049	199977	332337	199912	176602	824495	1844372
MALES IN LABOR FORCE	83339	150227	251452	153325	133691	669895	1441929
MALES IN CIVILIAN LABOR FORCE	83143	149898	248804	135511	125955	666239	1409550
MALES EMPLOYED	79263	143633	237420	130197	120820	648909	1360242
MALES UNEMPLOYED	3880	6265	11384	5314	5135	17330	49308
FEMALES 16+ (14+'60)	122409	216001	386370	211860	193685	886625	2016950
FEMALES IN LABOR FORCE	41106	72814	147343	77759	70335	373087	782444
FEMALES IN CIVILIAN LABOR FORCE	41101	72814	147253	77166	70099	372976	781409
FEMALES EMPLOYED	38420	68657	138746	71906	65768	356641	740138
FEMALES UNEMPLOYED	2681	4157	8507	5260	4331	16335	41271
INCOME BY PLACE OF RESIDENCE($000)							
TOTAL PERSONAL INCOME	2274641	4401086	8444200	3958157	3652671	22422140	45152895
NET EARNINGS	1795000	3591106	6641754	3084424	2845608	18167376	36125268
RESIDENTIAL ADJUSTMENT (EARNINGS)	-15141	68366	-256643	-20765	-30191	-114777	-369151
DIVIDEND, INTEREST, RENT	241235	423506	993375	417750	443203	2814735	5333804
TRANSFER PAYMENTS	238407	386474	809070	455982	363860	1440029	3693822
INCOME MAINTENANCE BENEFITS PAYMENTS	42033	59655	130902	42330	39977	122366	437263
STATE UNEMPLOYMENT INSURANCE COMPENSATIO	10685	18637	35387	8635	6797	22593	102734
PER CAPITA INCOME (0$)	6253	6725	7884	6336	6324	8775	7723

All dollar amounts adjusted for inflation to a base year of 1980.

TABLE A2. DEMOGRAPHIC AND SOCIOECONOMIC CONDITIONS FOR 1970 (CONTINUED).

	COASTAL AREA						
	C-1	C-2	C-3	C-4	W-1	W-2	TOTAL
DATA BY MAJOR INDUSTRY							
NUMBER OF JOBS(FULL/PART-TIME)							
FARM	8049	7904	1053	6477	15189	13010	51682
AG. SERVICE FOR FISH & OTHER	1027	2341	1782	2306	3817	5659	16932
TOTAL FARM & AG. SERVICES	9076	10245	2835	8783	19006	18669	68614
MINING	11143	10346	19019	528	7383	35124	83543
CONSTRUCTION	11133	22023	28713	16042	15013	95862	188786
MANUFACTURING	14810	35365	55740	47402	22763	202820	378900
TRANSPORTATION & PUBLIC UTILITIES	8946	16705	50101	14102	11653	84972	186479
WHOLESALE TRADE	5240	11825	34098	10062	10169	80542	151936
RETAIL TRADE	22473	35571	73999	35733	39834	179620	387230
FINANCE, INSURANCE AND REAL ESTATE	4436	9339	28551	9818	9398	67311	128853
SERVICES	28007	42973	107778	46983	42020	236059	503820
TOTAL GOVERNMENT	23465	48873	77905	61309	49529	145196	406277
FEDERAL, CIVILIAN	1230	2217	13670	9637	8882	20979	56615
FEDERAL, MILITARY	2333	4158	9927	24877	11529	13912	66736
STATE & LOCAL	19902	42498	54308	26795	29118	110305	282926
TOTAL	138729	243265	478739	250762	226768	1146175	2484438
EARNINGS BY PLACE OF WORK ($000)							
FARM	67844	66731	9805	36869	99275	84401	364925
AG. SERVICE FOR FISH & OTHER	14064	30076	22364	23239	43475	71179	204397
TOTAL FARM & AG. SERVICES	81908	96807	32169	60108	142750	155580	569322
MINING	226369	227889	465679	6939	138888	890247	1956011
CONSTRUCTION	205801	453457	518136	258328	248778	1961235	3645735
MANUFACTURING	303404	804430	1024100	851021	419605	4486531	7889091
TRANSPORTATION & PUBLIC UTILITIES	161148	290987	939109	247065	256459	1703539	3598307
WHOLESALE TRADE	90329	219384	651928	162377	147014	1623981	2895013
RETAIL TRADE	228491	366906	796836	349664	400873	1961329	4104099
FINANCE, INSURANCE AND REAL ESTATE	55612	133526	449317	127866	121936	1068660	1956917
SERVICES	274911	483229	1304298	465285	452728	3139162	6119613
TOTAL GOVERNMENT	254931	589611	1009936	724174	666199	2067664	5312515
FEDERAL, CIVILIAN	26856	46540	284031	182967	176613	522226	1239233
FEDERAL, MILITARY	6845	12145	59720	252999	151991	65315	549015
STATE & LOCAL	221230	530926	666185	288208	337595	1480123	3524267
TOTAL	1882904	3666226	7191508	3252827	2995230	19057928	38046623
LOCAL GOVERNMENT REVENUE BY SOURCE($000)*							
GENERAL REVENUE TOTAL (EXCLUDING INTERLOCAL	275262	498659	839173	408659	488427	2045126	4555306
INTERGOVERNMENTAL REVENUE	117894	217027	318766	161534	168887	526905	1511013
FROM STATE	113732	191285	276336	91385	146220	467683	1286641
FROM FEDERAL	4162	25742	42430	70149	22667	59222	224372
FROM LOCAL SOURCES	157368	281632	520407	247125	319540	1518221	3044293
TAXES	103088	208203	346728	135814	205641	1127781	2127255
PROPERTY	66554	118637	170503	89082	182529	995723	1623028
OTHER	36534	89566	176225	46732	23112	132058	504227
CHARGES & MISCELLANEOUS	54280	73429	173679	111311	113899	390440	917038
LOCAL GOVERNMENT EXPENDITURES BY FUNCTION($000)*							
DIRECT GENERAL EXPENDITURES	275696	514838	804972	434458	515713	2083086	4628763
EDUCATION	141946	292220	338868	178051	270493	1106366	2327944
HIGHWAYS	18494	29032	49453	33326	30882	116049	277236
PUBLIC WELFARE	290	315	6038	794	2100	9420	18957
HEALTH & HOSPITALS	16645	32444	56204	59360	43086	110794	318533
POLICE PROTECTION	15342	25007	52587	17429	16788	96605	223758
FIRE PROTECTION	5806	8832	26404	11751	8859	64711	126363
HOUSING	5628	22754	3859	25742	19572	18242	95797
FINANCIAL ADMINISTRATION	3004	5758	11473	5419	7051	29863	62568
INTEREST ON GENERAL DEBT	18453	26723	57266	22210	20577	120129	265358
OTHER	50087	71753	202819	80376	96305	410909	912249
GENERAL DEBT OUTSTANDING	513573	766072	1380619	487953	549620	3199674	6897511

All dollar amounts adjusted for inflation to a base year of 1980.

*Local Government Revenue & Expenditure figures for 1960, 1970 and 1980 are from 1962, 1972 and 1982 Census of Governments data respectively.

TABLE A3. DEMOGRAPHIC AND SOCIOECONOMIC CONDITIONS FOR 1980.

	COASTAL AREA						
	C-1	C-2	C-3	C-4	W-1	W-2	TOTAL
NUMBER OF INHABITANTS							
TOTAL POPULATION	438786	825958	1213122	753469	712633	3533156	7477124
NET MIGRATION (1970-1980)	30584	80956	40139	53331	39298	643269	887577
URBAN POPULATION	302100	582224	1127171	578232	573706	3091650	6255083
DEMOGRAPHIC COMPOSITION							
AGE							
UNDER 18	139792	272044	366711	238750	247074	1074719	2339090
18-64	262455	496362	734630	444646	401222	2216426	4555741
65+	36539	57552	111781	70073	64337	242011	582293
TOTAL POPULATION	438786	825958	1213122	753469	712633	3533156	7477124
RACE							
WHITE	344073	601940	794339	560634	571961	2587304	5460251
NONWHITE	94713	224018	418783	192835	140672	945852	2016873
GENDER							
MALES	214938	405465	583293	368995	347899	1763489	3684079
FEMALES	223848	420493	629829	384474	364734	1769667	3793045
HIGHEST LEVEL OF EDUCATIONAL ATTAINMENT							
MALES 25+	110920	203049	317951	194241	176937	970156	1973254
MALES W/4 YRS HIGH SCHOOL	31423	61775	88820	62804	41968	252676	539466
MALES W/1-3 YRS COLLEGE	14974	29333	51082	33049	28628	181279	338345
MALES W/ 4 OR MORE YEARS OF COLLEGE	19699	37698	66047	29921	26462	243499	423326
TOTAL MALES W/ 4 YRS HIGH SCHOOL	66096	128806	205949	125774	97058	677454	1301137
FEMALES 25+	121794	221428	365108	216872	197333	1004194	2126729
FEMALES W/4 YRS HIGH SCHOOL	37511	75829	128577	83255	52876	335660	713708
FEMALES W/1-3 YRS COLLEGE	15210	28268	50192	30670	27333	178808	330481
FEMALES W/ 4 OR MORE YEARS OF COLLEGE	14238	28876	46576	21245	20278	158251	289464
TOTAL FEMALES W/ 4YRS OF HIGH SCHOOL	66959	132973	225345	135170	100487	672719	1333653
ALL PERSONS 25+	232714	424477	683059	411113	374270	1974350	4099983
TOTAL PERSONS W/ 4 YRS OF HIGH SCHOOL	133055	261779	431294	260944	197545	1350173	2634790
TOTAL PERSONS W/ 4 OR MORE YRS COLLEGE	33937	66574	112623	51166	46740	401750	712790
LABOR FORCE PARTICIPATION							
EMPLOYMENT/UNEMPLOYMENT							
PERSONS 16+ (14+'60)	317046	588131	892971	545673	495216	2589410	5428447
LABOR FORCE	194673	359924	538967	324210	301062	1791316	3510152
CIVILIANS IN LABOR FORCE	194451	359689	534087	307425	296233	1788879	3480664
EMPLOYED	185172	340745	504050	284010	280066	1722680	3316723
UNEMPLOYED	9279	18844	30037	23415	16167	66199	163941
MALES 16+ (14+'60)	152918	285095	421297	262364	237123	1280699	2639496
MALES IN LABOR FORCE	120343	220907	316844	195855	181974	1070118	2106041
MALES IN CIVILIAN LABOR FORCE	120154	220611	312486	181349	177594	1067941	2080135
MALES EMPLOYED	115289	210326	296230	169314	168198	1031099	1990456
MALES UNEMPLOYED	4865	10285	16256	12035	9396	36841	89678
FEMALES 16+ (14+'60)	164128	303036	471674	283309	258093	1308711	2788951
FEMALES IN LABOR FORCE	74330	139017	222123	128355	119088	721198	1404111
FEMALES IN CIVILIAN LABOR FORCE	74297	138978	221601	126076	118639	720938	1400529
FEMALES EMPLOYED	69883	130419	207820	114696	111868	691581	1326267
FEMALES UNEMPLOYED	4414	8559	13781	11380	6771	29357	74262
INCOME BY PLACE OF RESIDENCE($000)							
TOTAL PERSONAL INCOME	4269914	7902476	11907320	5892506	5699904	42107643	77779763
NET EARNINGS	3328562	6323043	8960919	4270720	4165474	34478960	61527678
RESIDENTIAL ADJUSTMENT (EARNINGS)	-324728	-82698	-443169	14712	-42913	-463823	-1342619
DIVIDEND, INTEREST, RENT	500989	790776	1451538	661456	745979	4702065	8852803
TRANSFER PAYMENTS	440363	788657	1494863	960330	788451	2926618	7399282
INCOME MAINTENANCE BENEFITS PAYMENTS	48330	93476	182614	95270	106091	209850	735631
STATE UNEMPLOYMENT INSURANCE COMPENSATIO	20655	35499	56718	26552	18940	60895	219259
PER CAPITA INCOME (0$)	9731	9568	9815	7821	7998	11918	10402

All dollar amounts adjusted for inflation to a base year of 1980.

TABLE A3. DEMOGRAPHIC AND SOCIOECONOMIC CONDITIONS FOR 1980 (CONTINUED).

	COASTAL AREA						
	C-1	C-2	C-3	C-4	W-1	W-2	TOTAL
DATA BY MAJOR INDUSTRY							
NUMBER OF JOBS(FULL/PART-TIME)							
FARM	6221	5641	1491	6776	12095	14204	46428
AG. SERVICE FOR FISH & OTHER	1414	3551	2700	4414	6332	8884	27295
TOTAL FARM & AG. SERVICES	7635	9192	4191	11190	18427	23088	73723
MINING	27243	21246	25697	1517	15030	98529	189262
CONSTRUCTION	22856	48565	41849	24565	26492	193794	358121
MANUFACTURING	23616	49039	56516	57879	35971	300181	523202
TRANSPORTATION & PUBLIC UTILITIES	16082	28704	59577	17908	15392	129526	267189
WHOLESALE TRADE	14026	20033	42065	15135	14377	139540	245176
RETAIL TRADE	37198	59470	103378	52742	56073	305980	614841
FINANCE, INSURANCE AND REAL ESTATE	10455	20712	42055	17196	16620	135626	242664
SERVICES	45495	71978	150938	63470	60388	430736	823005
TOTAL GOVERNMENT	28789	71336	99926	75362	58688	213255	547356
FEDERAL, CIVILIAN	1548	2715	18038	11630	8243	23732	65906
FEDERAL, MILITARY	1967	3694	9592	23571	7221	12605	58650
STATE & LOCAL	25274	64927	72296	40161	43224	176918	422800
TOTAL	233395	400275	626192	336964	317458	1970255	3884539
EARNINGS BY PLACE OF WORK ($000)							
FARM	46048	35221	9220	32477	30706	91471	245143
AG. SERVICE FOR FISH & OTHER	17395	42590	40679	47628	77316	117294	342902
TOTAL FARM & AG. SERVICES	63443	77811	49899	80105	108022	208765	588045
MINING	647358	530902	726386	34759	333781	2941432	5214618
CONSTRUCTION	481302	1061480	841907	379677	497038	4445239	7706643
MANUFACTURING	590690	1347430	1204310	1160860	727376	7702277	12732943
TRANSPORTATION & PUBLIC UTILITIES	330209	564929	1320853	344937	347001	3047484	5955413
WHOLESALE TRADE	269237	405478	856660	249990	241482	3460579	5483426
RETAIL TRADE	355399	596395	1016873	469166	531555	3194036	6163424
FINANCE, INSURANCE AND REAL ESTATE	108861	243887	564471	178387	171878	2072782	3340266
SERVICES	649492	978140	2005981	696751	724284	6605560	11660208
TOTAL GOVERNMENT	340868	926664	1308094	895273	740320	3059305	7270524
FEDERAL, CIVILIAN	34477	57559	346539	217379	161258	567187	1384399
FEDERAL, MILITARY	6706	12956	75121	240563	84249	54194	473789
STATE & LOCAL	299685	856149	886434	437331	494813	2437924	5412336
TOTAL	3836859	6733116	9895434	4489905	4422737	36737459	66115510
LOCAL GOVERNMENT REVENUE BY SOURCE($000)*							
GENERAL REVENUE TOTAL (EXCLUDING INTERLOCAL	473284	888141	1279301	532406	726283	3878752	7778167
INTERGOVERNMENTAL REVENUE	188560	342188	459196	218394	285527	1080867	2574732
FROM STATE	156160	289026	338981	184586	236022	898349	2103124
FROM FEDERAL	32400	53162	120215	33808	49505	182518	471608
FROM LOCAL SOURCES	284724	545953	820105	314012	440756	2797885	5203435
TAXES	148781	323488	458161	147147	243125	1886687	3207389
PROPERTY	57377	111677	156464	88869	202336	1621924	2238647
OTHER	91404	211811	301697	58278	40789	264763	968742
CHARGES & MISCELLANEOUS	135943	222465	361944	166865	197631	911198	1996046
LOCAL GOVERNMENT EXPENDITURES BY FUNCTION($000)*							
DIRECT GENERAL EXPENDITURES	467123	815343	1165637	522485	684297	3759161	7414046
EDUCATION	213465	356344	419720	221874	349236	1737368	3298007
HIGHWAYS	48765	37984	63622	38742	31522	213824	434459
PUBLIC WELFARE	911	2635	7956	1251	2866	15324	30943
HEALTH & HOSPITALS	35597	108081	111380	73893	78249	231012	638212
POLICE PROTECTION	22422	45522	76896	29770	27289	194802	396701
FIRE PROTECTION	7950	14623	33554	16018	11811	105928	189884
HOUSING	12676	9755	35576	8804	14703	23495	105009
FINANCIAL ADMINISTRATION	7143	14091	17945	12291	13874	67199	132543
INTEREST ON GENERAL DEBT	38846	69533	71518	24150	25294	232596	461937
OTHER	79349	156775	327470	95692	129452	937613	1726351
GENERAL DEBT OUTSTANDING	871951	1210509	1241350	446176	697757	5617998	10085741

All dollar amounts adjusted for inflation to a base year of 1980.

*Local Government Revenue & Expenditure figures for 1960, 1970 and 1980 are from 1962, 1972 and 1982 Census of Governments data respectively.

TABLE A4. PERCENT CHANGE FROM 1960 TO 1970.

	COASTAL AREA						
	C-1	C-2	C-3	C-4	W-1	W-2	TOTAL
NUMBER OF INHABITANTS							
TOTAL POPULATION	11.06%	25.19%	15.21%	11.67%	2.44%	31.88%	20.78%
NET MIGRATION							
URBAN POPULATION	17.29%	28.03%	14.55%	10.90%	8.09%	33.38%	22.78%
DEMOGRAPHIC COMPOSITION							
AGE							
UNDER 18	6.54%	18.06%	12.92%	4.64%	-7.13%	26.34%	14.68%
18-64	11.32%	30.22%	14.85%	14.12%	6.64%	33.94%	23.09%
65+	42.97%	33.56%	29.68%	36.89%	43.53%	48.92%	40.53%
TOTAL POPULATION	11.06%	25.19%	15.21%	11.67%	2.44%	31.88%	20.78%
RACE							
WHITE	11.28%	30.31%	14.51%	13.26%	1.63%	31.67%	20.88%
NONWHITE	10.29%	12.72%	16.78%	7.17%	22.84%	32.71%	20.42%
GENDER							
MALES	8.76%	24.32%	14.10%	10.23%	0.43%	31.14%	19.61%
FEMALES	13.35%	26.04%	16.24%	13.11%	4.44%	32.60%	21.92%
HIGHEST LEVEL OF EDUCATIONAL ATTAINMENT							
MALES 25+	8.66%	23.05%	8.70%	9.98%	3.73%	27.42%	17.63%
MALES W/4 YRS HIGH SCHOOL	41.02%	65.14%	40.23%	29.37%	34.06%	45.69%	42.98%
MALES W/1-3 YRS COLLEGE	-32.20%	60.57%	37.80%	34.71%	30.16%	47.87%	36.44%
MALES W/ 4 OR MORE YEARS OF COLLEGE	34.72%	61.11%	50.29%	56.85%	27.18%	82.81%	64.49%
TOTAL MALES W/ 4 YRS HIGH SCHOOL	14.11%	63.11%	42.54%	35.58%	31.28%	56.63%	46.99%
FEMALES 25+	15.19%	25.74%	12.47%	15.68%	8.92%	30.23%	21.26%
FEMALES W/4 YRS HIGH SCHOOL	44.53%	54.99%	39.22%	34.69%	29.30%	38.74%	39.31%
FEMALES W/1-3 YRS COLLEGE	37.26%	61.37%	46.87%	37.24%	28.44%	53.74%	48.04%
FEMALES W/ 4 OR MORE YEARS OF COLLEGE	55.65%	67.93%	58.86%	54.10%	35.79%	76.73%	65.16%
TOTAL FEMALES W/ 4YRS OF HIGH SCHOOL	44.80%	58.45%	43.64%	37.46%	30.16%	48.11%	45.15%
ALL PERSONS 25+	11.99%	24.43%	10.70%	12.91%	6.41%	28.85%	19.50%
TOTAL PERSONS W/ 4 YRS OF HIGH SCHOOL	28.09%	60.68%	43.12%	36.56%	30.70%	52.18%	46.03%
TOTAL PERSONS W/ 4 OR MORE YRS COLLEGE	42.92%	63.89%	53.51%	55.73%	30.72%	80.51%	64.75%
LABOR FORCE PARTICIPATION							
EMPLOYMENT/UNEMPLOYMENT							
PERSONS 16+ (14+'60)	9.94%	24.15%	12.98%	11.16%	4.54%	30.61%	19.98%
LABOR FORCE	10.37%	29.39%	16.46%	12.67%	5.14%	40.39%	25.70%
CIVILIANS IN LABOR FORCE	15.31%	29.43%	16.79%	13.35%	7.00%	40.51%	26.69%
EMPLOYED	17.23%	32.42%	17.21%	14.69%	8.82%	42.42%	28.44%
UNEMPLOYED	-10.87%	-11.31%	9.44%	-7.28%	-19.62%	0.25%	-3.69%
MALES 16+ (14+'60)	6.33%	23.08%	11.29%	8.83%	1.77%	29.33%	18.21%
MALES IN LABOR FORCE	2.34%	22.92%	9.36%	7.83%	-3.56%	30.72%	17.53%
MALES IN CIVILIAN LABOR FORCE	8.77%	22.97%	9.75%	8.45%	-1.57%	30.85%	18.74%
MALES EMPLOYED	11.48%	26.90%	11.14%	11.14%	1.21%	33.59%	21.43%
MALES UNEMPLOYED	-27.35%	-28.10%	-12.90%	-31.98%	-40.19%	-26.02%	-26.35%
FEMALES 16+ (14+'60)	13.44%	25.27%	14.48%	13.46%	7.19%	31.82%	21.66%
FEMALES IN LABOR FORCE	31.26%	45.13%	31.00%	23.61%	26.88%	61.89%	44.16%
FEMALES IN CIVILIAN LABOR FORCE	31.28%	45.13%	31.00%	23.13%	26.83%	61.85%	44.10%
FEMALES EMPLOYED	31.18%	45.67%	29.30%	21.72%	26.28%	61.89%	43.67%
FEMALES UNEMPLOYED	32.72%	36.83%	66.61%	46.44%	35.68%	60.87%	52.28%
INCOME BY PLACE OF RESIDENCE($000)							
TOTAL PERSONAL INCOME	51.35%	70.29%	57.55%	57.60%	54.16%	84.48%	70.50%
NET EARNINGS	43.87%	70.82%	56.47%	48.18%	51.63%	78.25%	66.13%
RESIDENTIAL ADJUSTMENT (EARNINGS)	-12.35%	886.18%	-306.07%	-36.70%	-65.48%	6.78%	-52.58%
DIVIDEND, INTEREST, RENT	55.97%	35.04%	29.69%	64.20%	23.24%	95.39%	62.18%
TRANSFER PAYMENTS	136.86%	129.35%	131.81%	159.74%	173.50%	176.04%	155.02%
INCOME MAINTENANCE BENEFITS PAYMENTS							
STATE UNEMPLOYMENT INSURANCE COMPENSATION							
PER CAPITA INCOME (0$)	36.27%	36.02%	36.75%	41.13%	50.48%	39.88%	41.16%

All dollar amounts adjusted for inflation to a base year of 1980.

TABLE A4. PERCENT CHANGE FROM 1960 TO 1970 (CONTINUED).

	COASTAL AREA						
	C-1	C-2	C-3	C-4	W-1	W-2	TOTAL
DATA BY MAJOR INDUSTRY							
NUMBER OF JOBS(FULL/PART-TIME)							
FARM							
AG. SERVICE FOR FISH & OTHER							
TOTAL FARM & AG. SERVICES	14.24%	9.19%	-12.88%	42.23%	-13.98%	7.72%	3.67%
MINING	56.00%	16.98%	156.94%	-7.85%	22.56%	75.25%	66.99%
CONSTRUCTION	29.57%	45.78%	28.85%	23.65%	12.06%	78.72%	49.84%
MANUFACTURING	7.57%	14.36%	9.63%	41.18%	12.50%	27.44%	22.82%
TRANSPORTATION & PUBLIC UTILITIES	14.14%	43.05%	29.59%	5.77%	-4.37%	36.71%	27.86%
WHOLESALE TRADE	56.37%	157.51%	105.94%	72.15%	41.33%	136.76%	112.32%
RETAIL TRADE	27.47%	44.95%	38.51%	23.54%	28.24%	59.81%	44.50%
FINANCE, INSURANCE AND REAL ESTATE	38.63%	92.68%	70.28%	61.11%	66.54%	111.52%	88.46%
SERVICES	38.99%	50.60%	59.12%	30.96%	39.73%	79.78%	60.62%
TOTAL GOVERNMENT	186.33%	171.50%	195.45%	112.43%	206.66%	208.27%	180.82%
FEDERAL, CIVILIAN							
FEDERAL, MILITARY							
STATE & LOCAL							
TOTAL	41.83%	55.49%	57.84%	45.60%	38.22%	71.34%	58.97%
EARNINGS BY PLACE OF WORK ($000)							
FARM	-15.40%	26.34%	-45.42%	24.77%	-45.56%	-35.50%	-26.09%
AG. SERVICE FOR FISH & OTHER	45.08%	60.23%	121.25%	0.76%	54.73%	415.49%	97.41%
TOTAL FARM & AG. SERVICES	-8.88%	35.23%	14.59%	14.25%	-32.17%	7.54%	-4.68%
MINING	35.94%	40.15%	58.27%	10.16%	-17.24%	18.76%	26.43%
CONSTRUCTION	99.61%	73.60%	85.84%	119.52%	71.31%	94.10%	90.23%
MANUFACTURING	31.18%	45.58%	55.19%	90.69%	43.21%	59.00%	57.63%
TRANSPORTATION & PUBLIC UTILITIES	53.27%	87.68%	45.86%	35.22%	82.07%	64.05%	58.79%
WHOLESALE TRADE	68.81%	76.90%	63.04%	53.30%	66.15%	82.66%	74.31%
RETAIL TRADE	57.79%	40.82%	50.45%	45.80%	54.08%	60.77%	54.58%
FINANCE, INSURANCE AND REAL ESTATE	32.45%	81.67%	46.27%	50.91%	78.94%	105.85%	78.77%
SERVICES	87.86%	98.98%	87.76%	72.78%	109.30%	143.58%	114.11%
TOTAL GOVERNMENT	23.82%	131.61%	74.93%	10.66%	90.18%	130.46%	80.71%
FEDERAL, CIVILIAN	31.24%	113.69%	45.45%	-45.01%	171.57%	189.38%	51.91%
FEDERAL, MILITARY	-91.58%	-3.63%	-18.31%	28.28%	13.46%	-2.74%	-2.89%
STATE & LOCAL	112.48%	141.12%	115.63%	131.58%	123.13%	127.86%	126.12%
TOTAL	46.14%	51.93%	44.09%	15.58%	30.74%	66.06%	49.32%
LOCAL GOVERNMENT REVENUE BY SOURCE($000)*							
GENERAL REVENUE TOTAL (EXCLUDING INTERLOCAL	96.13%	123.44%	92.93%	86.86%	70.22%	86.92%	89.94%
INTERGOVERNMENTAL REVENUE	87.86%	93.69%	101.74%	117.35%	109.55%	130.95%	111.07%
FROM STATE	85.78%	73.89%	89.22%	47.80%	90.97%	111.52%	90.11%
FROM FEDERAL	170.44%	1158.78%	254.53%	461.64%	462.60%	742.06%	473.78%
FROM LOCAL SOURCES	102.82%	153.44%	87.91%	71.17%	54.85%	75.32%	80.95%
TAXES	105.92%	165.90%	104.13%	49.96%	51.28%	75.48%	82.22%
PROPERTY	54.95%	95.25%	55.14%	53.10%	41.81%	63.09%	60.53%
OTHER	413.77%	410.64%	193.92%	44.31%	220.42%	310.45%	222.45%
CHARGES & MISCELLANEOUS	97.19%	123.72%	62.18%	106.88%	61.74%	74.85%	78.08%
LOCAL GOVERNMENT EXPENDITURES BY FUNCTION($000)*							
DIRECT GENERAL EXPENDITURES	74.09%	102.70%	77.34%	82.28%	81.12%	74.01%	78.96%
EDUCATION	85.51%	129.09%	131.54%	91.95%	92.53%	92.00%	100.70%
HIGHWAYS	15.51%	61.91%	46.02%	-3.78%	4.76%	-9.60%	6.51%
PUBLIC WELFARE	147.86%	150.00%	430.58%	14.91%	-13.97%	62.39%	83.80%
HEALTH & HOSPITALS	191.86%	190.27%	325.79%	99.70%	109.26%	140.16%	151.75%
POLICE PROTECTION	128.27%	87.25%	111.61%	78.89%	71.97%	97.40%	97.37%
FIRE PROTECTION	104.72%	67.27%	70.49%	95.92%	40.60%	112.65%	90.50%
HOUSING	387.27%	1134.62%	-88.22%	217.61%	554.80%	92.18%	70.03%
FINANCIAL ADMINISTRATION	83.39%	91.93%	106.83%	79.97%	36.15%	68.03%	73.09%
INTEREST ON GENERAL DEBT	54.60%	68.80%	73.26%	90.89%	27.47%	68.37%	65.91%
OTHER	40.18%	23.94%	37.35%	91.19%	87.53%	56.47%	52.73%
GENERAL DEBT OUTSTANDING	58.94%	60.64%	27.27%	34.71%	-1.30%	40.22%	35.62%

All dollar amounts adjusted for inflation to a base year of 1980.

TABLE A5. PERCENT CHANGE FROM 1970 TO 1980.

	COASTAL AREA						
	C-1	C-2	C-3	C-4	W-1	W-2	TOTAL
NUMBER OF INHABITANTS							
TOTAL POPULATION	20.61%	26.20%	13.27%	20.61%	23.38%	38.27%	27.88%
NET MIGRATION							
URBAN POPULATION	25.74%	43.31%	13.61%	25.56%	23.32%	37.71%	30.06%
DEMOGRAPHIC COMPOSITION							
AGE							
UNDER 18	-3.62%	2.71%	-6.84%	0.39%	6.38%	14.01%	5.54%
18-64	35.91%	42.02%	24.61%	30.87%	32.23%	53.26%	41.42%
65+	42.50%	43.57%	27.22%	48.59%	53.55%	45.45%	42.36%
TOTAL POPULATION	20.61%	26.20%	13.27%	20.61%	23.38%	38.27%	27.88%
RACE							
WHITE	20.51%	24.60%	7.84%	19.68%	3.79%	27.14%	19.75%
NONWHITE	20.98%	30.73%	25.22%	23.38%	431.00%	81.86%	56.72%
GENDER							
MALES	21.29%	26.35%	14.17%	19.67%	23.67%	40.66%	29.16%
FEMALES	19.98%	26.06%	12.44%	21.51%	23.11%	35.98%	26.67%
HIGHEST LEVEL OF EDUCATIONAL ATTAINMENT							
MALES 25+	32.95%	39.18%	24.45%	32.12%	35.86%	51.74%	40.80%
MALES W/4 YRS HIGH SCHOOL	57.98%	69.35%	53.59%	57.41%	48.98%	81.66%	67.87%
MALES W/1-3 YRS COLLEGE	96.87%	109.76%	100.79%	133.55%	98.24%	125.22%	116.73%
MALES W/ 4 OR MORE YEARS OF COLLEGE	115.20%	104.86%	86.50%	102.33%	86.27%	129.27%	113.62%
TOTAL MALES W/ 4 YRS HIGH SCHOOL	80.34%	87.05%	73.53%	82.71%	70.82%	107.95%	92.58%
FEMALES 25+	32.18%	40.39%	22.14%	33.34%	35.47%	47.42%	38.25%
FEMALES W/4 YRS HIGH SCHOOL	54.48%	67.90%	49.80%	61.28%	45.04%	73.05%	63.20%
FEMALES W/1-3 YRS COLLEGE	95.05%	95.21%	93.69%	117.18%	84.66%	121.73%	109.49%
FEMALES W/ 4 OR MORE YEARS OF COLLEGE	108.89%	118.38%	106.49%	111.65%	91.55%	152.61%	129.98%
TOTAL FEMALES W/ 4YRS OF HIGH SCHOOL	72.15%	82.49%	67.79%	78.37%	62.48%	99.47%	84.99%
ALL PERSONS 25+	32.55%	39.81%	23.20%	32.76%	35.65%	49.51%	39.47%
TOTAL PERSONS W/ 4 YRS OF HIGH SCHOOL	76.12%	84.70%	70.48%	80.43%	66.48%	103.63%	88.66%
TOTAL PERSONS W/ 4 OR MORE YRS COLLEGE	112.50%	110.51%	94.28%	106.10%	88.53%	137.93%	119.97%
LABOR FORCE PARTICIPATION							
EMPLOYMENT/UNEMPLOYMENT							
PERSONS 16+ (14+'60)	35.80%	41.45%	24.25%	32.52%	33.74%	51.33%	40.59%
LABOR FORCE	56.43%	61.37%	35.15%	40.30%	47.56%	71.75%	57.80%
CIVILIANS IN LABOR FORCE	56.51%	61.46%	34.85%	44.55%	51.10%	72.14%	58.86%
EMPLOYED	57.35%	60.51%	34.00%	40.53%	50.10%	71.32%	57.91%
UNEMPLOYED	41.43%	80.81%	51.01%	121.44%	70.79%	96.64%	80.99%
MALES 16+ (14+'60)	37.70%	42.56%	26.77%	31.24%	34.27%	55.33%	43.11%
MALES IN LABOR FORCE	44.40%	47.05%	26.01%	27.74%	36.12%	59.74%	46.06%
MALES IN CIVILIAN LABOR FORCE	44.51%	47.17%	25.60%	33.83%	41.00%	60.29%	47.57%
MALES EMPLOYED	45.45%	46.43%	24.77%	30.04%	39.21%	58.90%	46.33%
MALES UNEMPLOYED	25.39%	64.17%	42.80%	126.48%	82.98%	112.59%	81.87%
FEMALES 16+ (14+'60)	34.08%	40.29%	22.08%	33.72%	33.25%	47.61%	38.28%
FEMALES IN LABOR FORCE	80.83%	90.92%	50.75%	65.07%	69.32%	93.31%	79.45%
FEMALES IN CIVILIAN LABOR FORCE	80.77%	90.87%	50.49%	63.38%	69.24%	93.29%	79.23%
FEMALES EMPLOYED	81.89%	89.96%	49.78%	59.51%	70.09%	93.92%	79.19%
FEMALES UNEMPLOYED	64.64%	105.89%	62.00%	116.35%	56.34%	79.72%	79.94%
INCOME BY PLACE OF RESIDENCE($000)							
TOTAL PERSONAL INCOME	87.72%	79.56%	41.01%	48.87%	56.05%	87.79%	72.26%
NET EARNINGS	85.44%	76.08%	34.92%	38.46%	46.38%	89.79%	70.32%
RESIDENTIAL ADJUSTMENT (EARNINGS)	-2044.69%	-220.96%	-72.68%	170.85%	-42.14%	-304.11%	-263.70%
DIVIDEND, INTEREST, RENT	107.68%	86.72%	46.12%	58.34%	68.32%	67.05%	65.98%
TRANSFER PAYMENTS	84.71%	104.06%	84.76%	110.61%	116.69%	103.23%	100.32%
INCOME MAINTENANCE BENEFITS PAYMENTS	14.98%	56.69%	39.50%	125.06%	165.38%	71.49%	68.24%
STATE UNEMPLOYMENT INSURANCE COMPENSATIO	93.31%	90.48%	60.28%	207.49%	178.65%	169.53%	113.42%
PER CAPITA INCOME (0$)	55.64%	42.28%	24.50%	23.43%	26.48%	35.81%	34.70%

All dollar amounts adjusted for inflation to a base year of 1980.

TABLE A5. PERCENT CHANGE FROM 1970 TO 1980 (CONTINUED).

	COASTAL AREA						
	C-1	C-2	C-3	C-4	W-1	W-2	TOTAL
DATA BY MAJOR INDUSTRY							
NUMBER OF JOBS(FULL/PART-TIME)							
FARM	-22.71%	-28.63%	41.60%	4.62%	-20.37%	9.18%	-10.17%
AG. SERVICE FOR FISH & OTHER	37.68%	51.69%	51.52%	91.41%	65.89%	56.99%	61.20%
TOTAL FARM & AG. SERVICES	-15.88%	-10.28%	47.83%	27.41%	-3.05%	23.67%	7.45%
MINING	144.49%	105.35%	35.11%	187.31%	103.58%	180.52%	126.54%
CONSTRUCTION	105.30%	120.52%	45.75%	53.13%	76.46%	102.16%	89.70%
MANUFACTURING	59.46%	38.67%	1.39%	22.10%	58.02%	48.00%	38.08%
TRANSPORTATION & PUBLIC UTILITIES	79.77%	71.83%	18.91%	26.99%	32.09%	52.43%	43.28%
WHOLESALE TRADE	167.67%	89.41%	23.37%	50.42%	41.38%	73.25%	61.37%
RETAIL TRADE	65.52%	67.19%	39.70%	47.60%	40.77%	70.35%	58.78%
FINANCE, INSURANCE AND REAL ESTATE	135.69%	121.78%	47.30%	75.15%	76.85%	101.49%	88.33%
SERVICES	62.44%	67.50%	40.05%	35.09%	43.71%	82.47%	63.35%
TOTAL GOVERNMENT	22.69%	45.96%	28.27%	22.92%	18.49%	46.87%	34.72%
FEDERAL, CIVILIAN	25.85%	22.46%	31.95%	20.68%	-7.19%	13.12%	16.41%
FEDERAL, MILITARY	-15.69%	-11.16%	-3.37%	-5.25%	-37.37%	-9.39%	-12.12%
STATE & LOCAL	26.99%	52.78%	33.12%	49.88%	48.44%	60.39%	49.44%
TOTAL	68.24%	64.54%	30.80%	34.38%	39.99%	71.90%	56.35%
EARNINGS BY PLACE OF WORK ($000)							
FARM	-32.13%	-47.22%	-5.97%	-11.91%	-69.07%	8.38%	-32.82%
AG. SERVICE FOR FISH & OTHER	23.68%	41.61%	81.90%	104.95%	77.84%	64.79%	67.76%
TOTAL FARM & AG. SERVICES	-22.54%	-19.62%	55.12%	33.27%	-24.33%	34.18%	3.29%
MINING	185.97%	132.97%	55.98%	400.92%	140.32%	230.41%	166.59%
CONSTRUCTION	133.87%	134.09%	62.49%	46.97%	99.79%	126.66%	111.39%
MANUFACTURING	94.69%	67.50%	17.60%	36.41%	73.35%	71.68%	61.40%
TRANSPORTATION & PUBLIC UTILITIES	104.91%	94.14%	40.65%	39.61%	35.30%	78.89%	65.51%
WHOLESALE TRADE	198.06%	84.83%	31.40%	53.96%	64.26%	113.09%	89.41%
RETAIL TRADE	55.54%	62.55%	27.61%	34.18%	32.60%	62.85%	50.18%
FINANCE, INSURANCE AND REAL ESTATE	95.75%	82.65%	25.63%	39.51%	40.96%	93.96%	70.69%
SERVICES	136.26%	102.42%	53.80%	49.75%	59.98%	110.42%	90.54%
TOTAL GOVERNMENT	33.71%	57.17%	29.52%	23.63%	11.13%	47.96%	36.86%
FEDERAL, CIVILIAN	28.38%	23.68%	22.01%	18.81%	-8.69%	8.61%	11.71%
FEDERAL, MILITARY	-2.03%	6.68%	25.79%	-4.92%	-44.57%	-17.03%	-13.70%
STATE & LOCAL	35.46%	61.26%	33.06%	51.74%	46.57%	64.71%	53.57%
TOTAL	103.77%	83.65%	37.60%	38.03%	47.66%	92.77%	73.77%
LOCAL GOVERNMENT REVENUE BY SOURCE($000)*							
GENERAL REVENUE TOTAL (EXCLUDING INTERLOCAL	71.94%	78.11%	52.45%	30.28%	48.70%	89.66%	70.75%
INTERGOVERNMENTAL REVENUE	59.94%	57.67%	44.05%	35.20%	69.06%	105.14%	70.40%
FROM STATE	37.31%	51.10%	22.67%	101.99%	61.42%	92.09%	63.46%
FROM FEDERAL	678.47%	106.52%	183.33%	-51.81%	118.40%	208.19%	110.19%
FROM LOCAL SOURCES	80.93%	93.85%	57.59%	27.07%	37.93%	84.29%	70.92%
TAXES	44.32%	55.37%	32.14%	8.34%	18.23%	67.29%	50.78%
PROPERTY	-13.79%	-5.87%	-8.23%	-0.24%	10.85%	62.89%	37.93%
OTHER	150.19%	136.49%	71.20%	24.71%	76.48%	100.49%	92.12%
CHARGES & MISCELLANEOUS	150.45%	202.97%	108.40%	49.91%	73.51%	133.38%	117.66%
LOCAL GOVERNMENT EXPENDITURES BY FUNCTION($000)*							
DIRECT GENERAL EXPENDITURES	69.43%	58.37%	44.80%	20.26%	32.69%	80.46%	60.17%
EDUCATION	50.38%	21.94%	23.86%	24.61%	29.11%	57.03%	41.67%
HIGHWAYS	163.68%	30.83%	28.65%	16.25%	2.07%	84.25%	56.71%
PUBLIC WELFARE	214.14%	736.51%	31.77%	57.56%	36.48%	62.68%	63.23%
HEALTH & HOSPITALS	113.86%	233.13%	98.17%	24.48%	81.61%	108.51%	100.36%
POLICE PROTECTION	46.15%	82.04%	46.23%	70.81%	62.55%	101.65%	77.29%
FIRE PROTECTION	36.93%	65.57%	27.08%	36.31%	33.32%	63.69%	50.27%
HOUSING	125.23%	-57.13%	821.90%	-65.80%	-24.88%	28.80%	9.62%
FINANCIAL ADMINISTRATION	137.78%	144.72%	56.41%	126.81%	96.77%	125.02%	111.84%
INTEREST ON GENERAL DEBT	110.51%	160.20%	24.89%	8.73%	22.92%	93.62%	74.08%
OTHER	58.42%	118.49%	61.46%	19.06%	34.42%	128.18%	89.24%
GENERAL DEBT OUTSTANDING	69.78%	58.02%	-10.09%	-8.56%	26.95%	75.58%	46.22%

All dollar amounts adjusted for inflation to a base year of 1980.

TABLE A6. PERCENT CHANGE FROM 1960 TO 1980.

	COASTAL AREA						
	C-1	C-2	C-3	C-4	W-1	W-2	TOTAL
NUMBER OF INHABITANTS							
TOTAL POPULATION	33.96%	58.00%	30.49%	34.68%	26.40%	82.35%	54.46%
NET MIGRATION							
URBAN POPULATION	47.47%	83.49%	30.14%	39.25%	33.29%	83.68%	59.68%
DEMOGRAPHIC COMPOSITION							
AGE							
UNDER 18	2.68%	21.25%	5.20%	5.05%	-1.20%	44.05%	21.04%
18-64	51.29%	84.94%	43.11%	49.35%	41.01%	105.28%	74.07%
65+	103.73%	91.76%	64.99%	103.39%	120.39%	116.60%	100.05%
TOTAL POPULATION	33.96%	58.00%	30.49%	34.68%	26.40%	82.35%	54.46%
RACE							
WHITE	34.10%	62.36%	23.48%	35.55%	5.48%	67.40%	44.76%
NONWHITE	33.44%	47.36%	46.23%	32.22%	552.29%	141.35%	88.72%
GENDER							
MALES	31.91%	57.08%	30.26%	31.92%	24.20%	84.45%	54.48%
FEMALES	35.99%	58.89%	30.70%	37.44%	28.57%	80.31%	54.44%
HIGHEST LEVEL OF EDUCATIONAL ATTAINMENT							
MALES 25+	44.47%	71.25%	35.27%	45.31%	40.93%	93.34%	65.63%
MALES W/4 YRS HIGH SCHOOL	122.79%	179.66%	115.38%	103.64%	99.71%	164.66%	140.02%
MALES W/1-3 YRS COLLEGE	33.47%	236.81%	176.70%	214.60%	158.03%	233.04%	195.70%
MALES W/ 4 OR MORE YEARS OF COLLEGE	189.90%	230.05%	180.30%	217.36%	136.90%	319.14%	251.39%
TOTAL MALES W/ 4 YRS HIGH SCHOOL	105.79%	205.08%	147.35%	147.72%	124.26%	225.70%	183.07%
FEMALES 25+	52.26%	76.52%	37.36%	54.26%	47.56%	91.99%	67.64%
FEMALES W/4 YRS HIGH SCHOOL	123.27%	160.22%	108.56%	117.22%	87.54%	140.09%	127.35%
FEMALES W/1-3 YRS COLLEGE	167.73%	215.00%	184.47%	198.06%	137.18%	240.89%	210.12%
FEMALES W/ 4 OR MORE YEARS OF COLLEGE	225.14%	266.73%	228.02%	226.14%	160.11%	346.43%	279.82%
TOTAL FEMALES W/ 4YRS OF HIGH SCHOOL	149.28%	189.15%	141.03%	145.18%	111.49%	195.43%	168.51%
ALL PERSONS 25+	48.44%	73.96%	36.38%	49.90%	44.35%	92.65%	66.67%
TOTAL PERSONS W/ 4 YRS OF HIGH SCHOOL	125.60%	196.77%	144.00%	146.40%	117.58%	209.88%	175.51%
TOTAL PERSONS W/ 4 OR MORE YRS COLLEGE	203.71%	245.01%	198.24%	220.95%	146.44%	329.48%	262.41%
LABOR FORCE PARTICIPATION							
EMPLOYMENT/UNEMPLOYMENT							
PERSONS 16+ (14+'60)	49.31%	75.61%	40.38%	47.31%	39.81%	97.65%	68.68%
LABOR FORCE	72.66%	108.79%	57.40%	58.07%	55.14%	141.12%	98.36%
CIVILIANS IN LABOR FORCE	80.47%	108.98%	57.50%	63.85%	61.67%	141.87%	101.26%
EMPLOYED	84.46%	112.54%	57.06%	61.17%	63.34%	143.99%	102.81%
UNEMPLOYED	26.06%	60.36%	65.26%	105.32%	37.28%	97.14%	74.31%
MALES 16+ (14+'60)	46.42%	75.46%	41.08%	42.83%	36.65%	100.89%	69.17%
MALES IN LABOR FORCE	47.79%	80.76%	37.79%	37.74%	31.27%	108.83%	71.66%
MALES IN CIVILIAN LABOR FORCE	57.19%	80.98%	37.84%	45.13%	38.79%	109.74%	75.22%
MALES EMPLOYED	62.15%	85.83%	38.66%	44.53%	40.90%	112.27%	77.69%
MALES UNEMPLOYED	-8.91%	18.04%	24.38%	54.06%	9.45%	57.27%	33.95%
FEMALES 16+ (14+'60)	52.10%	75.75%	39.76%	51.72%	42.83%	94.58%	68.23%
FEMALES IN LABOR FORCE	137.35%	177.09%	97.48%	104.03%	114.83%	212.94%	158.70%
FEMALES IN CIVILIAN LABOR FORCE	137.30%	177.01%	97.13%	101.18%	114.65%	212.84%	158.27%
FEMALES EMPLOYED	138.60%	176.70%	93.67%	94.15%	114.80%	213.94%	157.44%
FEMALES UNEMPLOYED	118.51%	181.73%	169.90%	216.82%	112.12%	189.12%	174.01%
INCOME BY PLACE OF RESIDENCE($000)							
TOTAL PERSONAL INCOME	184.10%	205.77%	122.16%	134.62%	140.56%	246.44%	193.70%
NET EARNINGS	166.79%	200.76%	111.10%	105.17%	121.96%	238.29%	182.95%
RESIDENTIAL ADJUSTMENT (EARNINGS)	-2309.50%	-850.99%	-601.21%	196.85%	-135.20%	-276.71%	-454.95%
DIVIDEND, INTEREST, RENT	223.91%	152.16%	89.51%	159.99%	107.44%	226.41%	169.18%
TRANSFER PAYMENTS	337.51%	368.03%	328.29%	447.04%	492.64%	461.01%	410.84%
INCOME MAINTENANCE BENEFITS PAYMENTS							
STATE UNEMPLOYMENT INSURANCE COMPENSATION							
PER CAPITA INCOME (0$)	112.08%	93.53%	70.25%	74.21%	90.32%	89.98%	90.15%

All dollar amounts adjusted for inflation to a base year of 1980.

TABLE A6. PERCENT CHANGE FROM 1960 TO 1980 (CONTINUED).

	COASTAL AREA						
	C-1	C-2	C-3	C-4	W-1	W-2	TOTAL
DATA BY MAJOR INDUSTRY							
NUMBER OF JOBS(FULL/PART-TIME)							
FARM							
AG. SERVICE FOR FISH & OTHER							
TOTAL FARM & AG. SERVICES	-3.90%	-2.04%	28.80%	81.21%	-16.60%	33.22%	11.39%
MINING	281.39%	140.23%	247.16%	164.75%	149.50%	391.61%	278.31%
CONSTRUCTION	166.01%	221.47%	87.80%	89.34%	97.75%	261.29%	184.24%
MANUFACTURING	71.53%	58.58%	11.15%	72.39%	77.78%	88.62%	69.60%
TRANSPORTATION & PUBLIC UTILITIES	105.18%	145.80%	54.10%	34.31%	26.31%	108.39%	83.19%
WHOLESALE TRADE	318.56%	336.26%	154.06%	158.94%	99.82%	310.18%	242.62%
RETAIL TRADE	110.99%	142.34%	93.50%	82.35%	80.52%	172.24%	129.44%
FINANCE, INSURANCE AND REAL ESTATE	226.72%	327.32%	150.82%	182.18%	194.52%	326.20%	254.91%
SERVICES	125.78%	152.24%	122.84%	76.91%	100.81%	228.04%	162.38%
TOTAL GOVERNMENT	251.30%	296.29%	278.97%	161.12%	263.37%	352.77%	278.39%
FEDERAL, CIVILIAN							
FEDERAL, MILITARY							
STATE & LOCAL							
TOTAL	138.62%	155.85%	106.46%	95.65%	93.50%	194.53%	148.56%
EARNINGS BY PLACE OF WORK ($000)							
FARM	-42.58%	-33.32%	-48.68%	9.91%	-83.16%	-30.10%	-50.35%
AG. SERVICE FOR FISH & OTHER	79.44%	126.89%	302.44%	106.51%	175.18%	749.46%	231.18%
TOTAL FARM & AG. SERVICES	-29.42%	8.69%	77.75%	52.26%	-48.67%	44.30%	-1.55%
MINING	288.77%	226.50%	146.87%	451.82%	98.88%	292.39%	237.06%
CONSTRUCTION	366.82%	306.38%	201.97%	222.64%	242.26%	339.93%	302.13%
MANUFACTURING	155.40%	143.85%	82.49%	160.11%	148.25%	172.96%	154.41%
TRANSPORTATION & PUBLIC UTILITIES	214.07%	264.36%	105.15%	88.79%	146.35%	193.46%	162.81%
WHOLESALE TRADE	403.16%	226.96%	114.24%	136.02%	172.92%	289.24%	230.16%
RETAIL TRADE	145.43%	128.91%	91.99%	95.64%	104.31%	161.82%	132.15%
FINANCE, INSURANCE AND REAL ESTATE	159.28%	231.83%	83.76%	110.54%	152.23%	299.28%	205.14%
SERVICES	343.82%	302.78%	188.77%	158.74%	234.85%	412.56%	307.96%
TOTAL GOVERNMENT	65.56%	264.01%	126.58%	36.80%	111.34%	240.99%	147.32%
FEDERAL, CIVILIAN	68.48%	164.29%	77.46%	-34.67%	147.96%	214.29%	69.70%
FEDERAL, MILITARY	-91.75%	2.81%	2.75%	21.97%	-37.11%	-19.30%	-16.20%
STATE & LOCAL	187.83%	288.82%	186.92%	251.40%	227.04%	275.31%	247.26%
TOTAL	197.79%	179.03%	98.27%	59.54%	93.04%	220.12%	159.48%
LOCAL GOVERNMENT REVENUE BY SOURCE($000)*							
GENERAL REVENUE TOTAL (EXCLUDING INTERLOCAL	237.23%	297.96%	194.12%	143.45%	153.11%	254.50%	224.33%
INTERGOVERNMENTAL REVENUE	200.47%	205.39%	190.61%	193.86%	254.27%	373.77%	259.66%
FROM STATE	155.09%	162.74%	132.11%	198.54%	208.26%	306.29%	210.76%
FROM FEDERAL	2005.26%	2499.61%	904.47%	170.68%	1128.72%	2495.17%	1106.04%
FROM LOCAL SOURCES	266.96%	391.30%	196.12%	117.50%	113.60%	223.08%	209.29%
TAXES	197.19%	313.13%	169.73%	62.47%	78.86%	193.56%	174.74%
PROPERTY	33.59%	83.79%	42.37%	52.73%	57.19%	165.66%	121.42%
OTHER	1185.39%	1107.59%	403.20%	79.97%	465.49%	722.91%	519.50%
CHARGES & MISCELLANEOUS	393.85%	577.79%	237.99%	210.13%	180.65%	308.05%	287.61%
LOCAL GOVERNMENT EXPENDITURES BY FUNCTION($000)*							
DIRECT GENERAL EXPENDITURES	194.97%	221.01%	156.80%	119.22%	140.33%	214.01%	186.64%
EDUCATION	178.98%	179.36%	186.79%	139.19%	148.57%	201.51%	184.33%
HIGHWAYS	204.57%	111.83%	87.85%	11.85%	6.93%	66.56%	66.91%
PUBLIC WELFARE	678.63%	1991.27%	599.12%	81.04%	17.41%	164.16%	200.01%
HEALTH & HOSPITALS	524.18%	866.99%	743.79%	148.60%	280.03%	400.74%	404.40%
POLICE PROTECTION	233.61%	240.86%	209.43%	205.55%	179.54%	298.06%	249.92%
FIRE PROTECTION	180.32%	176.95%	116.66%	167.06%	87.45%	248.09%	186.26%
HOUSING	997.49%	429.30%	8.61%	8.62%	391.90%	147.52%	86.38%
FINANCIAL ADMINISTRATION	336.08%	369.70%	223.51%	308.20%	167.89%	278.12%	266.68%
INTEREST ON GENERAL DEBT	225.45%	339.22%	116.38%	107.56%	56.70%	226.00%	188.81%
OTHER	122.08%	170.81%	121.77%	127.63%	152.08%	257.03%	189.03%
GENERAL DEBT OUTSTANDING	169.85%	153.83%	14.43%	23.17%	25.30%	146.20%	98.31%

All dollar amounts adjusted for inflation to a base year of 1980.

TABLE A7. PERCENT WITHIN COASTAL AREA, 1960.

	COASTAL AREA						
	C-1	C-2	C-3	C-4	W-1	W-2	TOTAL
NUMBER OF INHABITANTS							
TOTAL POPULATION	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
NET MIGRATION	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
URBAN POPULATION	62.54%	60.70%	93.16%	74.23%	76.34%	86.87%	80.92%
DEMOGRAPHIC COMPOSITION							
AGE							
UNDER 18	41.56%	42.92%	37.50%	40.62%	44.36%	38.51%	39.92%
18-64	52.96%	51.34%	55.22%	53.22%	50.47%	55.73%	54.06%
65+	5.48%	5.74%	7.29%	6.16%	5.18%	5.77%	6.01%
TOTAL POPULATION	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
RACE							
WHITE	78.33%	70.92%	69.19%	73.93%	96.17%	79.77%	77.92%
NONWHITE	21.67%	29.08%	30.81%	26.07%	3.83%	20.23%	22.08%
TOTAL POPULATION	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
GENDER							
MALES	49.75%	49.38%	48.17%	50.00%	49.68%	49.35%	49.26%
FEMALES	50.25%	50.62%	51.83%	50.00%	50.32%	50.65%	50.74%
TOTAL POPULATION	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
HIGHEST LEVEL OF EDUCATIONAL ATTAINMENT							
MALES 25+	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
MALES W/4 YRS HIGH SCHOOL	18.37%	18.63%	17.54%	23.07%	16.74%	19.03%	18.87%
MALES W/1-3 YRS COLLEGE	14.61%	7.36%	7.85%	7.86%	8.84%	10.85%	9.60%
MALES W/ 4 OR MORE YEARS OF COLLEGE	8.85%	9.63%	10.02%	7.05%	8.90%	11.58%	10.11%
TOTAL MALES W/ 4 YRS HIGH SCHOOL	41.83%	35.61%	35.42%	37.98%	34.47%	41.45%	38.58%
FEMALES 25+	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
FEMALES W/4 YRS HIGH SCHOOL	21.00%	23.23%	23.19%	27.26%	21.08%	26.73%	24.75%
FEMALES W/1-3 YRS COLLEGE	7.10%	7.15%	6.64%	7.32%	8.62%	10.03%	8.40%
FEMALES W/ 4 OR MORE YEARS OF COLLEGE	5.47%	6.28%	5.34%	4.63%	5.83%	6.78%	6.01%
TOTAL FEMALES W/ 4YRS OF HIGH SCHOOL	33.58%	36.66%	35.17%	39.21%	35.53%	43.53%	39.15%
ALL PERSONS 25+	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
TOTAL PERSONS W/ 4 YRS OF HIGH SCHOOL	37.62%	36.15%	35.29%	38.61%	35.02%	42.52%	38.88%
TOTAL PERSONS W/ 4 OR MORE YRS COLLEGE	7.13%	7.91%	7.54%	5.81%	7.31%	9.13%	8.00%
LABOR FORCE PARTICIPATION							
CIVILIANS IN LABOR FORCE	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
EMPLOYED	93.17%	93.17%	94.64%	93.92%	93.57%	95.46%	94.56%
UNEMPLOYED	6.83%	6.83%	5.36%	6.08%	6.43%	4.54%	5.44%
MALES IN CIVILIAN LABOR FORCE	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
MALES EMPLOYED	93.01%	92.85%	94.23%	93.75%	93.29%	95.40%	94.36%
MALES UNEMPLOYED	6.99%	7.15%	5.77%	6.25%	6.71%	4.60%	5.64%
FEMALES IN CIVILIAN LABOR FORCE	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
FEMALES EMPLOYED	93.55%	93.94%	95.46%	94.27%	94.22%	95.59%	95.00%
FEMALES UNEMPLOYED	6.45%	6.06%	4.54%	5.73%	5.78%	4.41%	5.00%
INCOME BY PLACE OF RESIDENCE($000)							
TOTAL PERSONAL INCOME	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
NET EARNINGS	83.01%	81.35%	79.20%	82.88%	79.20%	83.86%	82.11%
RESIDENTIAL ADJUSTMENT (EARNINGS)	-0.90%	-0.34%	-1.18%	-0.60%	-0.77%	-1.01%	-0.91%
DIVIDEND, INTEREST, RENT	10.29%	12.13%	14.29%	10.13%	15.18%	11.85%	12.42%
TRANSFER PAYMENTS	6.70%	6.52%	6.51%	6.99%	5.61%	4.29%	5.47%
INCOME MAINTENANCE BENEFITS PAYMENTS							
STATE UNEMPLOYMENT INSURANCE COMPENSATION							

All dollar amounts adjusted for inflation to a base year of 1980.

TABLE A7. PERCENT WITHIN COASTAL AREA, 1960 (CONTINUED).

	COASTAL AREA						
	C-1	C-2	C-3	C-4	W-1	W-2	TOTAL
DATA BY MAJOR INDUSTRY							
NUMBER OF JOBS(FULL/PART-TIME)							
FARM	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AG. SERVICE FOR FISH & OTHER	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TOTAL FARM & AG. SERVICES	8.12%	6.00%	1.07%	3.59%	13.47%	2.59%	4.23%
MINING	7.30%	5.65%	2.44%	0.33%	3.67%	3.00%	3.20%
CONSTRUCTION	8.78%	9.66%	7.35%	7.53%	8.17%	8.02%	8.06%
MANUFACTURING	14.08%	19.77%	16.76%	19.49%	12.33%	23.79%	19.74%
TRANSPORTATION & PUBLIC UTILITIES	8.01%	7.46%	12.75%	7.74%	7.43%	9.29%	9.33%
WHOLESALE TRADE	3.43%	2.94%	5.46%	3.39%	4.39%	5.09%	4.58%
RETAIL TRADE	18.02%	15.69%	17.61%	16.79%	18.93%	16.80%	17.15%
FINANCE, INSURANCE AND REAL ESTATE	3.27%	3.10%	5.53%	3.54%	3.44%	4.76%	4.38%
SERVICES	20.60%	18.24%	22.33%	20.83%	18.33%	19.63%	20.07%
TOTAL GOVERNMENT	8.38%	11.51%	8.69%	16.76%	9.84%	7.04%	9.26%
FEDERAL, CIVILIAN	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
FEDERAL, MILITARY	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
STATE & LOCAL	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TOTAL	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
EARNINGS BY PLACE OF WORK ($000)							
FARM	6.22%	2.19%	0.36%	1.05%	7.96%	1.14%	1.94%
AG. SERVICE FOR FISH & OTHER	0.75%	0.78%	0.20%	0.82%	1.23%	0.12%	0.41%
TOTAL FARM & AG. SERVICES	6.98%	2.97%	0.56%	1.87%	9.19%	1.26%	2.34%
MINING	12.92%	6.74%	5.90%	0.22%	7.33%	6.53%	6.07%
CONSTRUCTION	8.00%	10.82%	5.59%	4.18%	6.34%	8.80%	7.52%
MANUFACTURING	17.95%	22.90%	13.22%	15.86%	12.79%	24.59%	19.64%
TRANSPORTATION & PUBLIC UTILITIES	8.16%	6.43%	12.90%	6.49%	6.15%	9.05%	8.89%
WHOLESALE TRADE	4.15%	5.14%	8.01%	3.76%	3.86%	7.76%	6.52%
RETAIL TRADE	11.24%	10.80%	10.61%	8.52%	11.36%	10.63%	10.42%
FINANCE, INSURANCE AND REAL ESTATE	3.26%	3.05%	6.15%	3.01%	2.97%	4.52%	4.30%
SERVICES	11.36%	10.06%	13.92%	9.57%	9.44%	11.23%	11.22%
TOTAL GOVERNMENT	15.98%	10.55%	11.57%	23.25%	15.29%	7.82%	11.54%
FEDERAL, CIVILIAN	1.59%	0.90%	3.91%	11.82%	2.84%	1.57%	3.20%
FEDERAL, MILITARY	6.31%	0.52%	1.46%	7.01%	5.85%	0.59%	2.22%
STATE & LOCAL	8.08%	9.13%	6.19%	4.42%	6.60%	5.66%	6.12%
TOTAL	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
LOCAL GOVERNMENT REVENUE BY SOURCE($000)*							
GENERAL REVENUE TOTAL (EXCLUDING INTERLOCAL	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
INTERGOVERNMENTAL REVENUE	44.72%	50.21%	36.33%	33.98%	28.09%	20.85%	29.85%
FROM STATE	43.62%	49.29%	33.58%	28.27%	26.68%	20.21%	28.22%
FROM FEDERAL	1.10%	0.92%	2.75%	5.71%	1.40%	0.64%	1.63%
FROM LOCAL SOURCES	55.28%	49.79%	63.67%	66.02%	71.91%	79.15%	70.15%
TAXES	35.67%	35.09%	39.05%	41.41%	47.37%	58.74%	48.68%
PROPERTY	30.60%	27.23%	25.27%	26.61%	44.86%	55.80%	42.16%
OTHER	5.07%	7.86%	13.78%	14.81%	2.51%	2.94%	6.52%
CHARGES & MISCELLANEOUS	19.61%	14.71%	24.62%	24.60%	24.54%	20.41%	21.47%
LOCAL GOVERNMENT EXPENDITURES BY FUNCTION($000)*							
DIRECT GENERAL EXPENDITURES	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
EDUCATION	48.32%	50.22%	32.24%	38.92%	49.34%	48.13%	44.85%
HIGHWAYS	10.11%	7.06%	7.46%	14.53%	10.35%	10.72%	10.06%
PUBLIC WELFARE	0.07%	0.05%	0.25%	0.29%	0.86%	0.48%	0.40%
HEALTH & HOSPITALS	3.60%	4.40%	2.91%	12.47%	7.23%	3.85%	4.89%
POLICE PROTECTION	4.24%	5.26%	5.47%	4.09%	3.43%	4.09%	4.36%
FIRE PROTECTION	1.79%	2.08%	3.41%	2.52%	2.21%	2.54%	2.56%
HOUSING	0.73%	0.73%	7.22%	3.40%	1.05%	0.79%	2.18%
FINANCIAL ADMINISTRATION	1.03%	1.18%	1.22%	1.26%	1.82%	1.48%	1.40%
INTEREST ON GENERAL DEBT	7.54%	6.23%	7.28%	4.88%	5.67%	5.96%	6.18%
OTHER	22.56%	22.79%	32.53%	17.64%	18.04%	21.94%	23.09%

All dollar amounts adjusted for inflation to a base year of 1980.

*Local Government Revenue & Expenditure figures for 1960, 1970 and 1980 are from 1962, 1972 and 1982 Census of Governments data respectively.

TABLE A8. PERCENT WITHIN COASTAL AREA, 1970.

	COASTAL AREA						
	C-1	C-2	C-3	C-4	W-1	W-2	TOTAL
NUMBER OF INHABITANTS							
TOTAL POPULATION	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
NET MIGRATION	-6.67%	3.67%	0.70%	-4.96%	-16.84%	11.75%	3.07%
URBAN POPULATION	66.04%	62.07%	92.63%	73.71%	80.55%	87.86%	82.26%
DEMOGRAPHIC COMPOSITION							
AGE							
UNDER 18	39.87%	40.47%	36.75%	38.07%	40.21%	36.89%	37.91%
18-64	53.08%	53.40%	55.04%	54.38%	52.53%	56.60%	55.10%
65+	7.05%	6.12%	8.20%	7.55%	7.25%	6.51%	7.00%
TOTAL POPULATION	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
RACE							
WHITE	78.48%	73.82%	68.77%	74.98%	95.41%	79.65%	77.99%
NONWHITE	21.52%	26.18%	31.23%	25.02%	4.59%	20.35%	22.01%
TOTAL POPULATION	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
GENDER							
MALES	48.71%	49.03%	47.70%	49.35%	48.71%	49.07%	48.79%
FEMALES	51.29%	50.97%	52.30%	50.65%	51.29%	50.93%	51.21%
TOTAL POPULATION	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
HIGHEST LEVEL OF EDUCATIONAL ATTAINMENT							
MALES 25+	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
MALES W/4 YRS HIGH SCHOOL	23.84%	25.00%	22.63%	27.14%	21.63%	21.75%	22.93%
MALES W/1-3 YRS COLLEGE	9.12%	9.59%	9.96%	9.63%	11.09%	12.59%	11.14%
MALES W/ 4 OR MORE YEARS OF COLLEGE	10.97%	12.61%	13.86%	10.06%	10.91%	16.61%	14.14%
TOTAL MALES W/ 4 YRS HIGH SCHOOL	43.93%	47.20%	46.45%	46.82%	43.63%	50.95%	48.21%
FEMALES 25+	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
FEMALES W/4 YRS HIGH SCHOOL	26.36%	28.63%	28.71%	31.74%	25.03%	28.48%	28.43%
FEMALES W/1-3 YRS COLLEGE	8.46%	9.18%	8.67%	8.68%	10.16%	11.84%	10.26%
FEMALES W/ 4 OR MORE YEARS OF COLLEGE	7.40%	8.38%	7.55%	6.17%	7.27%	9.20%	8.18%
TOTAL FEMALES W/ 4YRS OF HIGH SCHOOL	42.21%	46.20%	44.93%	46.59%	42.45%	49.51%	46.87%
ALL PERSONS 25+	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
TOTAL PERSONS W/ 4 YRS OF HIGH SCHOOL	43.03%	46.68%	45.63%	46.70%	43.01%	50.21%	47.51%
TOTAL PERSONS W/ 4 OR MORE YRS COLLEGE	9.10%	10.42%	10.46%	8.02%	8.99%	12.79%	11.02%
LABOR FORCE PARTICIPATION							
CIVILIANS IN LABOR FORCE	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
EMPLOYED	94.72%	95.32%	94.98%	95.03%	95.17%	96.76%	95.87%
UNEMPLOYED	5.28%	4.68%	5.02%	4.97%	4.83%	3.24%	4.13%
MALES IN CIVILIAN LABOR FORCE	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
MALES EMPLOYED	95.33%	95.82%	95.42%	96.08%	95.92%	97.40%	96.50%
MALES UNEMPLOYED	4.67%	4.18%	4.58%	3.92%	4.08%	2.60%	3.50%
FEMALES IN CIVILIAN LABOR FORCE	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
FEMALES EMPLOYED	93.48%	94.29%	94.22%	93.18%	93.82%	95.62%	94.72%
FEMALES UNEMPLOYED	6.52%	5.71%	5.78%	6.82%	6.18%	4.38%	5.28%
INCOME BY PLACE OF RESIDENCE($000)							
TOTAL PERSONAL INCOME	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
NET EARNINGS	78.91%	81.60%	78.65%	77.93%	77.90%	81.02%	80.01%
RESIDENTIAL ADJUSTMENT (EARNINGS)	-0.67%	1.55%	-3.04%	-0.52%	-0.83%	-0.51%	-0.82%
DIVIDEND, INTEREST, RENT	10.61%	9.62%	11.76%	10.55%	12.13%	12.55%	11.81%
TRANSFER PAYMENTS	10.48%	8.78%	9.58%	11.52%	9.96%	6.42%	8.18%
INCOME MAINTENANCE BENEFITS PAYMENTS	1.85%	1.36%	1.55%	1.07%	1.09%	0.55%	0.97%
STATE UNEMPLOYMENT INSURANCE COMPENSATIO	0.47%	0.42%	0.42%	0.22%	0.19%	0.10%	0.23%

All dollar amounts adjusted for inflation to a base year of 1980.

TABLE A8. PERCENT WITHIN COASTAL AREA, 1970 (CONTINUED).

	COASTAL AREA						
	C-1	C-2	C-3	C-4	W-1	W-2	TOTAL
DATA BY MAJOR INDUSTRY							
NUMBER OF JOBS(FULL/PART-TIME)							
FARM	5.80%	3.25%	0.22%	2.58%	6.70%	1.14%	2.08%
AG. SERVICE FOR FISH & OTHER	0.74%	0.96%	0.37%	0.92%	1.68%	0.49%	0.68%
TOTAL FARM & AG. SERVICES	6.54%	4.21%	0.59%	3.50%	8.38%	1.63%	2.76%
MINING	8.03%	4.25%	3.97%	0.21%	3.26%	3.06%	3.36%
CONSTRUCTION	8.02%	9.05%	6.00%	6.40%	6.62%	8.36%	7.60%
MANUFACTURING	10.68%	14.54%	11.64%	18.90%	10.04%	17.70%	15.25%
TRANSPORTATION & PUBLIC UTILITIES	6.45%	6.87%	10.47%	5.62%	5.14%	7.41%	7.51%
WHOLESALE TRADE	3.78%	4.86%	7.12%	4.01%	4.48%	7.03%	6.12%
RETAIL TRADE	16.20%	14.62%	15.46%	14.25%	17.57%	15.67%	15.59%
FINANCE, INSURANCE AND REAL ESTATE	3.20%	3.84%	5.96%	3.92%	4.14%	5.87%	5.19%
SERVICES	20.19%	17.67%	22.51%	18.74%	18.53%	20.60%	20.28%
TOTAL GOVERNMENT	16.91%	20.09%	16.27%	24.45%	21.84%	12.67%	16.35%
FEDERAL, CIVILIAN	0.89%	0.91%	2.86%	3.84%	3.92%	1.83%	2.28%
FEDERAL, MILITARY	1.68%	1.71%	2.07%	9.92%	5.08%	1.21%	2.69%
STATE & LOCAL	14.35%	17.47%	11.34%	10.69%	12.84%	9.62%	11.39%
TOTAL	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
EARNINGS BY PLACE OF WORK ($000)							
FARM	3.60%	1.82%	0.14%	1.13%	3.31%	0.44%	0.96%
AG. SERVICE FOR FISH & OTHER	0.75%	0.82%	0.31%	0.71%	1.45%	0.37%	0.54%
TOTAL FARM & AG. SERVICES	4.35%	2.64%	0.45%	1.85%	4.77%	0.82%	1.50%
MINING	12.02%	6.22%	6.48%	0.21%	4.64%	4.67%	5.14%
CONSTRUCTION	10.93%	12.37%	7.20%	7.94%	8.31%	10.29%	9.58%
MANUFACTURING	16.11%	21.94%	14.24%	26.16%	14.01%	23.54%	20.74%
TRANSPORTATION & PUBLIC UTILITIES	8.56%	7.94%	13.06%	7.60%	8.56%	8.94%	9.46%
WHOLESALE TRADE	4.80%	5.98%	9.07%	4.99%	4.91%	8.52%	7.61%
RETAIL TRADE	12.14%	10.01%	11.06%	10.75%	13.38%	10.29%	10.79%
FINANCE, INSURANCE AND REAL ESTATE	2.96%	3.64%	6.25%	3.93%	4.07%	5.61%	5.14%
SERVICES	14.60%	13.18%	18.14%	14.30%	15.11%	16.47%	16.06%
TOTAL GOVERNMENT	13.54%	16.08%	14.04%	22.26%	22.24%	10.85%	13.96%
FEDERAL, CIVILIAN	1.43%	1.27%	3.95%	5.62%	5.90%	2.74%	3.26%
FEDERAL, MILITARY	0.36%	0.33%	0.83%	7.78%	5.07%	0.34%	1.44%
STATE & LOCAL	11.75%	14.48%	9.26%	8.86%	11.27%	7.77%	9.26%
TOTAL	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
LOCAL GOVERNMENT REVENUE BY SOURCE($000)*							
GENERAL REVENUE TOTAL (EXCLUDING INTERLOCAL	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
INTERGOVERNMENTAL REVENUE	42.83%	43.52%	37.99%	39.53%	34.58%	25.76%	33.17%
FROM STATE	41.32%	38.36%	32.93%	22.36%	29.94%	22.87%	28.24%
FROM FEDERAL	1.51%	5.16%	5.06%	17.17%	4.64%	2.90%	4.93%
FROM LOCAL SOURCES	57.17%	56.48%	62.01%	60.47%	65.42%	74.24%	66.83%
TAXES	37.45%	41.75%	41.32%	33.23%	42.10%	55.14%	46.70%
PROPERTY	24.18%	23.79%	20.32%	21.80%	37.37%	48.69%	35.63%
OTHER	13.27%	17.96%	21.00%	11.44%	4.73%	6.46%	11.07%
CHARGES & MISCELLANEOUS	19.72%	14.73%	20.70%	27.24%	23.32%	19.09%	20.13%
LOCAL GOVERNMENT EXPENDITURES BY FUNCTION($000)*							
DIRECT GENERAL EXPENDITURES	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
EDUCATION	51.49%	56.76%	42.10%	40.98%	52.45%	53.11%	50.29%
HIGHWAYS	6.71%	5.64%	6.14%	7.87%	5.99%	5.57%	5.99%
PUBLIC WELFARE	0.11%	0.06%	0.75%	0.18%	0.41%	0.45%	0.41%
HEALTH & HOSPITALS	6.04%	6.30%	6.98%	13.66%	8.35%	5.32%	6.88%
POLICE PROTECTION	5.56%	4.86%	6.53%	4.01%	3.26%	4.64%	4.83%
FIRE PROTECTION	2.11%	1.72%	3.28%	2.70%	1.72%	3.11%	2.73%
HOUSING	2.04%	4.42%	0.48%	5.93%	3.80%	0.88%	2.07%
FINANCIAL ADMINISTRATION	1.09%	1.12%	1.43%	1.25%	1.37%	1.43%	1.35%
INTEREST ON GENERAL DEBT	6.69%	5.19%	7.11%	5.11%	3.99%	5.77%	5.73%
OTHER	18.17%	13.94%	25.20%	18.50%	18.67%	19.73%	19.71%

All dollar amounts adjusted for inflation to a base year of 1980.

*Local Government Revenue & Expenditure figures for 1960, 1970 and 1980 are from 1962, 1972 and 1982 Census of Governments data respectively.

TABLE A9. PERCENT WITHIN COASTAL AREA, 1980.

	COASTAL AREA						
	C-1	C-2	C-3	C-4	W-1	W-2	TOTAL
NUMBER OF INHABITANTS							
TOTAL POPULATION	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
NET MIGRATION	6.97%	9.80%	3.31%	7.08%	5.51%	18.21%	11.87%
URBAN POPULATION	68.85%	70.49%	92.91%	76.74%	80.51%	87.50%	83.66%
DEMOGRAPHIC COMPOSITION							
AGE							
UNDER 18	31.86%	32.94%	30.23%	31.69%	34.67%	30.42%	31.28%
18-64	59.81%	60.10%	60.56%	59.01%	56.30%	62.73%	60.93%
65+	8.33%	6.97%	9.21%	9.30%	9.03%	6.85%	7.79%
TOTAL POPULATION	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
RACE							
WHITE	78.41%	72.88%	65.48%	74.41%	80.26%	73.23%	73.03%
NONWHITE	21.59%	27.12%	34.52%	25.59%	19.74%	26.77%	26.97%
TOTAL POPULATION	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
GENDER							
MALES	48.98%	49.09%	48.08%	48.97%	48.82%	49.91%	49.27%
FEMALES	51.02%	50.91%	51.92%	51.03%	51.18%	50.09%	50.73%
TOTAL POPULATION	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
HIGHEST LEVEL OF EDUCATIONAL ATTAINMENT							
MALES 25+	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
MALES W/4 YRS HIGH SCHOOL	28.33%	30.42%	27.94%	32.33%	23.72%	26.04%	27.34%
MALES W/1-3 YRS COLLEGE	13.50%	14.45%	16.07%	17.01%	16.18%	18.69%	17.15%
MALES W/ 4 OR MORE YEARS OF COLLEGE	17.76%	18.57%	20.77%	15.40%	14.96%	25.10%	21.45%
TOTAL MALES W/ 4 YRS HIGH SCHOOL	59.59%	63.44%	64.77%	64.75%	54.85%	69.83%	65.94%
FEMALES 25+	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
FEMALES W/4 YRS HIGH SCHOOL	30.80%	34.25%	35.22%	38.39%	26.80%	33.43%	33.56%
FEMALES W/1-3 YRS COLLEGE	12.49%	12.77%	13.75%	14.14%	13.85%	17.81%	15.54%
FEMALES W/ 4 OR MORE YEARS OF COLLEGE	11.69%	13.04%	12.76%	9.80%	10.28%	15.76%	13.61%
TOTAL FEMALES W/ 4YRS OF HIGH SCHOOL	54.98%	60.05%	61.72%	62.33%	50.92%	66.99%	62.71%
ALL PERSONS 25+	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
TOTAL PERSONS W/ 4 YRS OF HIGH SCHOOL	57.18%	61.67%	63.14%	63.47%	52.78%	68.39%	64.26%
TOTAL PERSONS W/ 4 OR MORE YRS COLLEGE	14.58%	15.68%	16.49%	12.45%	12.49%	20.35%	17.39%
LABOR FORCE PARTICIPATION							
CIVILIANS IN LABOR FORCE	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
EMPLOYED	95.23%	94.76%	94.38%	92.38%	94.54%	96.30%	95.29%
UNEMPLOYED	4.77%	5.24%	5.62%	7.62%	5.46%	3.70%	4.71%
MALES IN CIVILIAN LABOR FORCE	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
MALES EMPLOYED	95.95%	95.34%	94.80%	93.36%	94.71%	96.55%	95.69%
MALES UNEMPLOYED	4.05%	4.66%	5.20%	6.64%	5.29%	3.45%	4.31%
FEMALES IN CIVILIAN LABOR FORCE	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
FEMALES EMPLOYED	94.06%	93.84%	93.78%	90.97%	94.29%	95.93%	94.70%
FEMALES UNEMPLOYED	5.94%	6.16%	6.22%	9.03%	5.71%	4.07%	5.30%
INCOME BY PLACE OF RESIDENCE($000)							
TOTAL PERSONAL INCOME	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
NET EARNINGS	77.95%	80.01%	75.26%	72.48%	73.08%	81.88%	79.10%
RESIDENTIAL ADJUSTMENT (EARNINGS)	-7.61%	-1.05%	-3.72%	0.25%	-0.75%	-1.10%	-1.73%
DIVIDEND, INTEREST, RENT	11.73%	10.01%	12.19%	11.23%	13.09%	11.17%	11.38%
TRANSFER PAYMENTS	10.31%	9.98%	12.55%	16.30%	13.83%	6.95%	9.51%
INCOME MAINTENANCE BENEFITS PAYMENTS	1.13%	1.18%	1.53%	1.62%	1.86%	0.50%	0.95%
STATE UNEMPLOYMENT INSURANCE COMPENSATIO	0.48%	0.45%	0.48%	0.45%	0.33%	0.14%	0.28%

All dollar amounts adjusted for inflation to a base year of 1980.

TABLE A9. PERCENT WITHIN COASTAL AREA, 1980 (CONTINUED).

	COASTAL AREA						
	C-1	C-2	C-3	C-4	W-1	W-2	TOTAL
DATA BY MAJOR INDUSTRY							
NUMBER OF JOBS(FULL/PART-TIME)							
FARM	2.67%	1.41%	0.24%	2.01%	3.81%	0.72%	1.20%
AG. SERVICE FOR FISH & OTHER	0.61%	0.89%	0.43%	1.31%	1.99%	0.45%	0.70%
TOTAL FARM & AG. SERVICES	3.27%	2.30%	0.67%	3.32%	5.80%	1.17%	1.90%
MINING	11.67%	5.31%	4.10%	0.45%	4.73%	5.00%	4.87%
CONSTRUCTION	9.79%	12.13%	6.68%	7.29%	8.35%	9.84%	9.22%
MANUFACTURING	10.12%	12.25%	9.03%	17.18%	11.33%	15.24%	13.47%
TRANSPORTATION & PUBLIC UTILITIES	6.89%	7.17%	9.51%	5.31%	4.85%	6.57%	6.88%
WHOLESALE TRADE	6.01%	5.00%	6.72%	4.49%	4.53%	7.08%	6.31%
RETAIL TRADE	15.94%	14.86%	16.51%	15.65%	17.66%	15.53%	15.83%
FINANCE, INSURANCE AND REAL ESTATE	4.48%	5.17%	6.72%	5.10%	5.24%	6.88%	6.25%
SERVICES	19.49%	17.98%	24.10%	18.84%	19.02%	21.86%	21.19%
TOTAL GOVERNMENT	12.33%	17.82%	15.96%	22.37%	18.49%	10.82%	14.09%
FEDERAL, CIVILIAN	0.66%	0.68%	2.88%	3.45%	2.60%	1.20%	1.70%
FEDERAL, MILITARY	0.84%	0.92%	1.53%	7.00%	2.27%	0.64%	1.51%
STATE & LOCAL	10.83%	16.22%	11.55%	11.92%	13.62%	8.98%	10.88%
TOTAL	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
EARNINGS BY PLACE OF WORK ($000)							
FARM	1.20%	0.52%	0.09%	0.72%	0.69%	0.25%	0.37%
AG. SERVICE FOR FISH & OTHER	0.45%	0.63%	0.41%	1.06%	1.75%	0.32%	0.52%
TOTAL FARM & AG. SERVICES	1.65%	1.16%	0.50%	1.78%	2.44%	0.57%	0.89%
MINING	16.87%	7.88%	7.34%	0.77%	7.55%	8.01%	7.89%
CONSTRUCTION	12.54%	15.77%	8.51%	8.46%	11.24%	12.10%	11.66%
MANUFACTURING	15.40%	20.01%	12.17%	25.85%	16.45%	20.97%	19.26%
TRANSPORTATION & PUBLIC UTILITIES	8.61%	8.39%	13.35%	7.68%	7.85%	8.30%	9.01%
WHOLESALE TRADE	7.02%	6.02%	8.66%	5.57%	5.46%	9.42%	8.29%
RETAIL TRADE	9.26%	8.86%	10.28%	10.45%	12.02%	8.69%	9.32%
FINANCE, INSURANCE AND REAL ESTATE	2.84%	3.62%	5.70%	3.97%	3.89%	5.64%	5.05%
SERVICES	16.93%	14.53%	20.27%	15.52%	16.38%	17.98%	17.64%
TOTAL GOVERNMENT	8.88%	13.76%	13.22%	19.94%	16.74%	8.33%	11.00%
FEDERAL, CIVILIAN	0.90%	0.85%	3.50%	4.84%	3.65%	1.54%	2.09%
FEDERAL, MILITARY	0.17%	0.19%	0.76%	5.36%	1.90%	0.15%	0.72%
STATE & LOCAL	7.81%	12.72%	8.96%	9.74%	11.19%	6.64%	8.19%
TOTAL	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
LOCAL GOVERNMENT REVENUE BY SOURCE($000)*							
GENERAL REVENUE TOTAL (EXCLUDING INTERLOCAL	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
INTERGOVERNMENTAL REVENUE	39.84%	38.53%	35.89%	41.02%	39.31%	27.87%	33.10%
FROM STATE	32.99%	32.54%	26.50%	34.67%	32.50%	23.16%	27.04%
FROM FEDERAL	6.85%	5.99%	9.40%	6.35%	6.82%	4.71%	6.06%
FROM LOCAL SOURCES	60.16%	61.47%	64.11%	58.98%	60.69%	72.13%	66.90%
TAXES	31.44%	36.42%	35.81%	27.64%	33.48%	48.64%	41.24%
PROPERTY	12.12%	12.57%	12.23%	16.69%	27.86%	41.82%	28.78%
OTHER	19.31%	23.85%	23.58%	10.95%	5.62%	6.83%	12.45%
CHARGES & MISCELLANEOUS	28.72%	25.05%	28.29%	31.34%	27.21%	23.49%	25.66%
LOCAL GOVERNMENT EXPENDITURES BY FUNCTION($000)*							
DIRECT GENERAL EXPENDITURES	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
EDUCATION	45.70%	43.70%	36.01%	42.47%	51.04%	46.22%	44.48%
HIGHWAYS	10.44%	4.66%	5.46%	7.41%	4.61%	5.69%	5.86%
PUBLIC WELFARE	0.20%	0.32%	0.68%	0.24%	0.42%	0.41%	0.42%
HEALTH & HOSPITALS	7.62%	13.26%	9.56%	14.14%	11.43%	6.15%	8.61%
POLICE PROTECTION	4.80%	5.58%	6.60%	5.70%	3.99%	5.18%	5.36%
FIRE PROTECTION	1.70%	1.79%	2.88%	3.07%	1.73%	2.82%	2.56%
HOUSING	2.71%	1.20%	3.05%	1.69%	2.15%	0.63%	1.42%
FINANCIAL ADMINISTRATION	1.53%	1.73%	1.54%	2.35%	2.03%	1.79%	1.79%
INTEREST ON GENERAL DEBT	8.32%	8.53%	6.14%	4.62%	3.70%	6.19%	6.23%
OTHER	16.99%	19.23%	28.09%	18.31%	18.92%	24.94%	23.28%

All dollar amounts adjusted for inflation to a base year of 1980.

*Local Government Revenue & Expenditure figures for 1960, 1970 and 1980 are from 1962, 1972 and 1982 Census of Governments data respectively.

TABLE A10. PERCENTAGE OF THE TOTAL STUDY AREA, 1960.

	COASTAL AREA						
	C-1	C-2	C-3	C-4	W-1	W-2	TOTAL
NUMBER OF INHABITANTS							
TOTAL POPULATION	6.77%	10.80%	19.20%	11.56%	11.65%	40.03%	100.00%
NET MIGRATION							
URBAN POPULATION	5.23%	8.10%	22.11%	10.60%	10.99%	42.97%	100.00%
DEMOGRAPHIC COMPOSITION							
AGE							
UNDER 18	7.04%	11.61%	18.04%	11.76%	12.94%	38.61%	100.00%
18-64	6.63%	10.26%	19.61%	11.38%	10.87%	41.25%	100.00%
65+	6.16%	10.31%	23.28%	11.84%	10.03%	38.39%	100.00%
TOTAL POPULATION	6.77%	10.80%	19.20%	11.56%	11.65%	40.03%	100.00%
RACE							
WHITE	6.80%	9.83%	17.05%	10.97%	14.37%	40.98%	100.00%
NONWHITE	6.64%	14.22%	26.80%	13.65%	2.02%	36.67%	100.00%
GENDER							
MALES	6.83%	10.82%	18.78%	11.73%	11.75%	40.09%	100.00%
FEMALES	6.70%	10.78%	19.62%	11.39%	11.55%	39.96%	100.00%
HIGHEST LEVEL OF EDUCATIONAL ATTAINMENT							
MALES 25+	6.44%	9.95%	19.73%	11.22%	10.54%	42.12%	100.00%
MALES W/4 YRS HIGH SCHOOL	6.28%	9.83%	18.35%	13.72%	9.35%	42.48%	100.00%
MALES W/1-3 YRS COLLEGE	9.81%	7.61%	16.13%	9.18%	9.70%	47.57%	100.00%
MALES W/ 4 OR MORE YEARS OF COLLEGE	5.64%	9.48%	19.56%	7.83%	9.27%	48.22%	100.00%
TOTAL MALES W/ 4 YRS HIGH SCHOOL	6.99%	9.19%	18.11%	11.05%	9.42%	45.25%	100.00%
FEMALES 25+	6.31%	9.89%	20.95%	11.08%	10.54%	41.23%	100.00%
FEMALES W/4 YRS HIGH SCHOOL	5.35%	9.28%	19.64%	12.21%	8.98%	44.54%	100.00%
FEMALES W/1-3 YRS COLLEGE	5.33%	8.42%	16.56%	9.66%	10.81%	49.22%	100.00%
FEMALES W/ 4 OR MORE YEARS OF COLLEGE	5.75%	10.33%	18.63%	8.55%	10.23%	46.51%	100.00%
TOTAL FEMALES W/ 4YRS OF HIGH SCHOOL	5.41%	9.26%	18.82%	11.10%	9.57%	45.84%	100.00%
ALL PERSONS 25+	6.37%	9.92%	20.36%	11.15%	10.54%	41.66%	100.00%
TOTAL PERSONS W/ 4 YRS OF HIGH SCHOOL	6.17%	9.22%	18.48%	11.07%	9.49%	45.56%	100.00%
TOTAL PERSONS W/ 4 OR MORE YRS COLLEGE	5.68%	9.81%	19.20%	8.11%	9.64%	47.56%	100.00%
LABOR FORCE PARTICIPATION							
EMPLOYMENT/UNEMPLOYMENT							
PERSONS 16+ (14+'60)	6.60%	10.41%	19.77%	11.51%	11.01%	40.71%	100.00%
LABOR FORCE	6.37%	9.74%	19.35%	11.59%	10.97%	41.98%	100.00%
CIVILIANS IN LABOR FORCE	6.23%	9.95%	19.61%	10.86%	10.60%	42.77%	100.00%
EMPLOYED	6.14%	9.80%	19.62%	10.78%	10.48%	43.17%	100.00%
UNEMPLOYED	7.83%	12.49%	19.33%	12.13%	12.52%	35.70%	100.00%
MALES 16+ (14+'60)	6.69%	10.41%	19.14%	11.77%	11.12%	40.86%	100.00%
MALES IN LABOR FORCE	6.64%	9.96%	18.74%	11.59%	11.30%	41.77%	100.00%
MALES IN CIVILIAN LABOR FORCE	6.44%	10.27%	19.10%	10.53%	10.78%	42.89%	100.00%
MALES EMPLOYED	6.36%	10.10%	19.07%	10.46%	10.66%	43.36%	100.00%
MALES UNEMPLOYED	7.96%	13.01%	19.52%	11.67%	12.82%	34.99%	100.00%
FEMALES 16+ (14+'60)	6.51%	10.40%	20.36%	11.26%	10.90%	40.57%	100.00%
FEMALES IN LABOR FORCE	5.77%	9.24%	20.72%	11.59%	10.21%	42.46%	100.00%
FEMALES IN CIVILIAN LABOR FORCE	5.77%	9.25%	20.73%	11.56%	10.19%	42.50%	100.00%
FEMALES EMPLOYED	5.69%	9.15%	20.83%	11.47%	10.11%	42.76%	100.00%
FEMALES UNEMPLOYED	7.45%	11.21%	18.84%	13.25%	11.78%	37.47%	100.00%
INCOME BY PLACE OF RESIDENCE($000)							
TOTAL PERSONAL INCOME	5.68%	9.76%	20.24%	9.48%	8.96%	45.90%	100.00%
NET EARNINGS	5.74%	9.67%	19.52%	9.57%	8.63%	46.87%	100.00%
RESIDENTIAL ADJUSTMENT (EARNINGS)	5.57%	3.59%	26.12%	6.28%	7.54%	50.89%	100.00%
DIVIDEND, INTEREST, RENT	4.70%	9.54%	23.29%	7.74%	10.93%	43.80%	100.00%
TRANSFER PAYMENTS	6.95%	11.63%	24.10%	12.12%	9.18%	36.02%	100.00%
INCOME MAINTENANCE BENEFITS PAYMENTS							
STATE UNEMPLOYMENT INSURANCE COMPENSATION							

All dollar amounts adjusted for inflation to a base year of 1980.

TABLE A10. PERCENTAGE OF THE TOTAL STUDY AREA, 1960 (CONTINUED).

	COASTAL AREA						
	C-1	C-2	C-3	C-4	W-1	W-2	TOTAL
DATA BY MAJOR INDUSTRY							
NUMBER OF JOBS(FULL/PART-TIME)							
FARM							
AG. SERVICE FOR FISH & OTHER							
TOTAL FARM & AG. SERVICES	12.00%	14.18%	4.92%	9.33%	33.39%	26.19%	100.00%
MINING	14.28%	17.68%	14.80%	1.15%	12.04%	40.06%	100.00%
CONSTRUCTION	6.82%	11.99%	17.69%	10.30%	10.63%	42.57%	100.00%
MANUFACTURING	4.46%	10.02%	16.48%	10.88%	6.56%	51.59%	100.00%
TRANSPORTATION & PUBLIC UTILITIES	5.37%	8.01%	26.51%	9.14%	8.36%	42.62%	100.00%
WHOLESALE TRADE	4.68%	6.42%	23.14%	8.17%	10.05%	47.54%	100.00%
RETAIL TRADE	6.58%	9.16%	19.94%	10.79%	11.59%	41.94%	100.00%
FINANCE, INSURANCE AND REAL ESTATE	4.68%	7.09%	24.52%	8.91%	8.25%	46.54%	100.00%
SERVICES	6.42%	9.10%	21.59%	11.44%	9.59%	41.86%	100.00%
TOTAL GOVERNMENT	5.66%	12.44%	18.23%	19.95%	11.16%	32.56%	100.00%
FEDERAL, CIVILIAN							
FEDERAL, MILITARY							
STATE & LOCAL							
TOTAL	6.26%	10.01%	19.41%	11.02%	10.50%	42.80%	100.00%
EARNINGS BY PLACE OF WORK ($000)							
FARM	16.24%	10.70%	3.64%	5.98%	36.93%	26.50%	100.00%
AG. SERVICE FOR FISH & OTHER	9.36%	18.13%	9.76%	22.27%	27.14%	13.34%	100.00%
TOTAL FARM & AG. SERVICES	15.05%	11.99%	4.70%	8.81%	35.23%	24.22%	100.00%
MINING	10.76%	10.51%	19.02%	0.41%	10.85%	48.45%	100.00%
CONSTRUCTION	5.38%	13.63%	14.55%	6.14%	7.58%	52.72%	100.00%
MANUFACTURING	4.62%	11.04%	13.19%	8.92%	5.85%	56.38%	100.00%
TRANSPORTATION & PUBLIC UTILITIES	4.64%	6.84%	28.41%	8.06%	6.22%	45.83%	100.00%
WHOLESALE TRADE	3.22%	7.47%	24.08%	6.38%	5.33%	53.53%	100.00%
RETAIL TRADE	5.45%	9.81%	19.95%	9.03%	9.80%	45.95%	100.00%
FINANCE, INSURANCE AND REAL ESTATE	3.84%	6.71%	28.06%	7.74%	6.23%	47.42%	100.00%
SERVICES	5.12%	8.50%	24.30%	9.42%	7.57%	45.09%	100.00%
TOTAL GOVERNMENT	7.00%	8.66%	19.64%	22.26%	11.92%	30.52%	100.00%
FEDERAL, CIVILIAN	2.51%	2.67%	23.94%	40.79%	7.97%	22.12%	100.00%
FEDERAL, MILITARY	14.38%	2.23%	12.93%	34.88%	23.70%	11.88%	100.00%
STATE & LOCAL	6.68%	14.13%	19.82%	7.99%	9.71%	41.68%	100.00%
TOTAL	5.06%	9.47%	19.59%	11.04%	8.99%	45.04%	100.00%
LOCAL GOVERNMENT REVENUE BY SOURCE($000)*							
GENERAL REVENUE TOTAL (EXCLUDING INTERLOCAL	5.85%	9.31%	18.14%	9.12%	11.96%	45.62%	100.00%
INTERGOVERNMENTAL REVENUE	8.77%	15.65%	22.07%	10.38%	11.26%	31.87%	100.00%
FROM STATE	9.05%	16.25%	21.58%	9.14%	11.31%	32.67%	100.00%
FROM FEDERAL	3.94%	5.23%	30.61%	31.94%	10.30%	17.99%	100.00%
FROM LOCAL SOURCES	4.61%	6.61%	16.46%	8.58%	12.27%	51.47%	100.00%
TAXES	4.29%	6.71%	14.55%	7.76%	11.64%	55.05%	100.00%
PROPERTY	4.25%	6.01%	10.87%	5.76%	12.73%	60.39%	100.00%
OTHER	4.55%	11.22%	38.34%	20.71%	4.61%	20.57%	100.00%
CHARGES & MISCELLANEOUS	5.35%	6.37%	20.80%	10.45%	13.67%	43.36%	100.00%
LOCAL GOVERNMENT EXPENDITURES BY FUNCTION($000)*							
DIRECT GENERAL EXPENDITURES	6.12%	9.82%	17.55%	9.21%	11.01%	46.28%	100.00%
EDUCATION	6.60%	11.00%	12.62%	8.00%	12.11%	49.68%	100.00%
HIGHWAYS	6.15%	6.89%	13.01%	13.31%	11.32%	49.32%	100.00%
PUBLIC WELFARE	1.13%	1.22%	11.03%	6.70%	23.67%	56.24%	100.00%
HEALTH & HOSPITALS	4.51%	8.83%	10.43%	23.49%	16.27%	36.46%	100.00%
POLICE PROTECTION	5.93%	11.78%	21.92%	8.59%	8.61%	43.17%	100.00%
FIRE PROTECTION	4.28%	7.96%	23.35%	9.04%	9.50%	45.88%	100.00%
HOUSING	2.05%	3.27%	58.14%	14.39%	5.31%	16.85%	100.00%
FINANCIAL ADMINISTRATION	4.53%	8.30%	15.35%	8.33%	14.33%	49.17%	100.00%
INTEREST ON GENERAL DEBT	7.46%	9.90%	20.66%	7.27%	10.09%	44.61%	100.00%
OTHER	5.98%	9.69%	24.72%	7.04%	8.60%	43.97%	100.00%
GENERAL DEBT OUTSTANDING	6.35%	9.38%	21.33%	7.12%	10.95%	44.87%	100.00%

All dollar amounts adjusted for inflation to a base year of 1980.

*Local Government Revenue & Expenditure figures for 1960, 1970 and 1980 are from 1962, 1972 and 1982 Census of Governments data respectively.

TABLE A11. PERCENTAGE OF THE TOTAL STUDY AREA, 1970.

	COASTAL AREA						
	C-1	C-2	C-3	C-4	W-1	W-2	TOTAL
NUMBER OF INHABITANTS							
TOTAL POPULATION	4.87%	8.75%	14.32%	8.36%	7.72%	34.17%	78.20%
NET MIGRATION	-2.73%	2.70%	0.84%	-3.49%	-10.96%	33.83%	20.20%
URBAN POPULATION	3.84%	6.49%	15.86%	7.36%	7.44%	35.89%	76.89%
DEMOGRAPHIC COMPOSITION							
AGE							
UNDER 18	6.54%	11.95%	17.76%	10.73%	10.48%	42.53%	100.00%
18-64	5.99%	10.85%	18.30%	10.55%	9.42%	44.89%	100.00%
65+	6.27%	9.80%	21.48%	11.53%	10.24%	40.68%	100.00%
TOTAL POPULATION	6.22%	11.19%	18.32%	10.69%	9.88%	43.70%	100.00%
RACE							
WHITE	6.26%	10.59%	16.15%	10.27%	12.09%	44.63%	100.00%
NONWHITE	6.08%	13.32%	25.99%	12.14%	2.06%	40.41%	100.00%
GENDER							
MALES	6.21%	11.25%	17.91%	10.81%	9.86%	43.95%	100.00%
FEMALES	6.23%	11.14%	18.71%	10.57%	9.89%	43.46%	100.00%
HIGHEST LEVEL OF EDUCATIONAL ATTAINMENT							
MALES 25+	5.95%	10.41%	18.23%	10.49%	9.29%	45.62%	100.00%
MALES W/4 YRS HIGH SCHOOL	6.19%	11.35%	18.00%	12.42%	8.77%	43.28%	100.00%
MALES W/1-3 YRS COLLEGE	4.87%	8.96%	16.30%	9.06%	9.25%	51.56%	100.00%
MALES W/ 4 OR MORE YEARS OF COLLEGE	4.62%	9.29%	17.87%	7.46%	7.17%	53.59%	100.00%
TOTAL MALES W/ 4 YRS HIGH SCHOOL	5.42%	10.19%	17.57%	10.19%	8.41%	48.22%	100.00%
FEMALES 25+	5.99%	10.25%	19.43%	10.57%	9.47%	44.28%	100.00%
FEMALES W/4 YRS HIGH SCHOOL	5.55%	10.33%	19.63%	11.80%	8.34%	44.35%	100.00%
FEMALES W/1-3 YRS COLLEGE	4.94%	9.18%	16.43%	8.95%	9.38%	51.12%	100.00%
FEMALES W/ 4 OR MORE YEARS OF COLLEGE	5.42%	10.51%	17.92%	7.98%	8.41%	49.77%	100.00%
TOTAL FEMALES W/ 4YRS OF HIGH SCHOOL	5.40%	10.11%	18.63%	10.51%	8.58%	46.78%	100.00%
ALL PERSONS 25+	5.97%	10.33%	18.86%	10.53%	9.39%	44.92%	100.00%
TOTAL PERSONS W/ 4 YRS OF HIGH SCHOOL	5.41%	10.15%	18.11%	10.36%	8.50%	47.48%	100.00%
TOTAL PERSONS W/ 4 OR MORE YRS COLLEGE	4.93%	9.76%	17.89%	7.66%	7.65%	52.11%	100.00%
LABOR FORCE PARTICIPATION							
EMPLOYMENT/UNEMPLOYMENT							
PERSONS 16+ (14+'60)	6.05%	10.77%	18.61%	10.66%	9.59%	44.32%	100.00%
LABOR FORCE	5.59%	10.03%	17.93%	10.39%	9.17%	46.89%	100.00%
CIVILIANS IN LABOR FORCE	5.67%	10.17%	18.08%	9.71%	8.95%	47.43%	100.00%
EMPLOYED	5.60%	10.11%	17.91%	9.62%	8.88%	47.87%	100.00%
UNEMPLOYED	7.24%	11.51%	21.96%	11.67%	10.45%	37.17%	100.00%
MALES 16+ (14+'60)	6.02%	10.84%	18.02%	10.84%	9.58%	44.70%	100.00%
MALES IN LABOR FORCE	5.78%	10.42%	17.44%	10.63%	9.27%	46.46%	100.00%
MALES IN CIVILIAN LABOR FORCE	5.90%	10.63%	17.65%	9.61%	8.94%	47.27%	100.00%
MALES EMPLOYED	5.83%	10.56%	17.45%	9.57%	8.88%	47.71%	100.00%
MALES UNEMPLOYED	7.87%	12.71%	23.09%	10.78%	10.41%	35.15%	100.00%
FEMALES 16+ (14+'60)	6.07%	10.71%	19.16%	10.50%	9.60%	43.96%	100.00%
FEMALES IN LABOR FORCE	5.25%	9.31%	18.83%	9.94%	8.99%	47.68%	100.00%
FEMALES IN CIVILIAN LABOR FORCE	5.26%	9.32%	18.84%	9.88%	8.97%	47.73%	100.00%
FEMALES EMPLOYED	5.19%	9.28%	18.75%	9.72%	8.89%	48.19%	100.00%
FEMALES UNEMPLOYED	6.50%	10.07%	20.61%	12.75%	10.49%	39.58%	100.00%
INCOME BY PLACE OF RESIDENCE($000)							
TOTAL PERSONAL INCOME	5.04%	9.75%	18.70%	8.77%	8.09%	49.66%	100.00%
NET EARNINGS	4.97%	9.94%	18.39%	8.54%	7.88%	50.29%	100.00%
RESIDENTIAL ADJUSTMENT (EARNINGS)	4.10%	-18.52%	69.52%	5.63%	8.18%	31.09%	100.00%
DIVIDEND, INTEREST, RENT	4.52%	7.94%	18.62%	7.83%	8.31%	52.77%	100.00%
TRANSFER PAYMENTS	6.45%	10.46%	21.90%	12.34%	9.85%	38.98%	100.00%
INCOME MAINTENANCE BENEFITS PAYMENTS	9.61%	13.64%	29.94%	9.68%	9.14%	27.98%	100.00%
STATE UNEMPLOYMENT INSURANCE COMPENSATIO	10.40%	18.14%	34.45%	8.41%	6.62%	21.99%	100.00%

All dollar amounts adjusted for inflation to a base year of 1980.

TABLE A11. PERCENTAGE OF THE TOTAL STUDY AREA, 1970 (CONTINUED).

	COASTAL AREA						
	C-1	C-2	C-3	C-4	W-1	W-2	TOTAL
DATA BY MAJOR INDUSTRY							
NUMBER OF JOBS(FULL/PART-TIME)							
FARM	15.57%	15.29%	2.04%	12.53%	29.39%	25.17%	100.00%
AG. SERVICE FOR FISH & OTHER	6.07%	13.83%	10.52%	13.62%	22.54%	33.42%	100.00%
TOTAL FARM & AG. SERVICES	13.23%	14.93%	4.13%	12.80%	27.70%	27.21%	100.00%
MINING	13.34%	12.38%	22.77%	0.63%	8.84%	42.04%	100.00%
CONSTRUCTION	5.90%	11.67%	15.21%	8.50%	7.95%	50.78%	100.00%
MANUFACTURING	3.91%	9.33%	14.71%	12.51%	6.01%	53.53%	100.00%
TRANSPORTATION & PUBLIC UTILITIES	4.80%	8.96%	26.87%	7.56%	6.25%	45.57%	100.00%
WHOLESALE TRADE	3.45%	7.78%	22.44%	6.62%	6.69%	53.01%	100.00%
RETAIL TRADE	5.80%	9.19%	19.11%	9.23%	10.29%	46.39%	100.00%
FINANCE, INSURANCE AND REAL ESTATE	3.44%	7.25%	22.16%	7.82%	7.29%	52.24%	100.00%
SERVICES	5.56%	8.53%	21.39%	9.33%	8.34%	46.85%	100.00%
TOTAL GOVERNMENT	5.78%	12.03%	19.18%	15.09%	12.19%	35.74%	100.00%
FEDERAL, CIVILIAN	2.17%	3.92%	24.15%	17.02%	15.69%	37.06%	100.00%
FEDERAL, MILITARY	3.50%	6.23%	14.88%	37.28%	17.28%	20.85%	100.00%
STATE & LOCAL	7.03%	15.02%	19.20%	9.47%	10.29%	38.99%	100.00%
TOTAL	5.58%	9.79%	19.27%	10.09%	9.13%	46.13%	100.00%
EARNINGS BY PLACE OF WORK ($000)							
FARM	18.59%	18.29%	2.69%	10.10%	27.20%	23.13%	100.00%
AG. SERVICE FOR FISH & OTHER	6.88%	14.71%	10.94%	11.37%	21.27%	34.82%	100.00%
TOTAL FARM & AG. SERVICES	14.39%	17.00%	5.65%	10.56%	25.07%	27.33%	100.00%
MINING	11.57%	11.65%	23.81%	0.35%	7.10%	45.51%	100.00%
CONSTRUCTION	5.64%	12.44%	14.21%	7.09%	6.82%	53.80%	100.00%
MANUFACTURING	3.86%	10.20%	12.98%	10.79%	5.32%	56.87%	100.00%
TRANSPORTATION & PUBLIC UTILITIES	4.48%	8.09%	26.10%	6.87%	7.13%	47.34%	100.00%
WHOLESALE TRADE	3.12%	7.58%	22.52%	5.81%	5.08%	56.10%	100.00%
RETAIL TRADE	5.57%	8.94%	19.42%	8.52%	9.77%	47.79%	100.00%
FINANCE, INSURANCE AND REAL ESTATE	2.84%	6.82%	22.96%	6.53%	6.23%	54.61%	100.00%
SERVICES	4.49%	7.90%	21.31%	7.60%	7.40%	51.30%	100.00%
TOTAL GOVERNMENT	4.80%	11.10%	19.01%	13.63%	12.54%	38.92%	100.00%
FEDERAL, CIVILIAN	2.17%	3.76%	22.92%	14.76%	14.25%	42.14%	100.00%
FEDERAL, MILITARY	1.25%	2.21%	10.88%	46.08%	27.68%	11.90%	100.00%
STATE & LOCAL	6.28%	15.06%	18.90%	8.18%	9.58%	42.00%	100.00%
TOTAL	4.95%	9.64%	18.90%	8.55%	7.87%	50.09%	100.00%
LOCAL GOVERNMENT REVENUE BY SOURCE($000)*							
GENERAL REVENUE TOTAL (EXCLUDING INTERLOCAL	6.04%	10.95%	18.42%	8.97%	10.72%	44.90%	100.00%
INTERGOVERNMENTAL REVENUE	7.80%	14.36%	21.10%	10.69%	11.18%	34.87%	100.00%
FROM STATE	8.84%	14.87%	21.48%	7.10%	11.36%	36.35%	100.00%
FROM FEDERAL	1.85%	11.47%	18.91%	31.26%	10.10%	26.39%	100.00%
FROM LOCAL SOURCES	5.17%	9.25%	17.09%	8.12%	10.50%	49.87%	100.00%
TAXES	4.85%	9.79%	16.30%	6.38%	9.67%	53.02%	100.00%
PROPERTY	4.10%	7.31%	10.51%	5.49%	11.25%	61.35%	100.00%
OTHER	7.25%	17.76%	34.95%	9.27%	4.58%	26.19%	100.00%
CHARGES & MISCELLANEOUS	5.92%	8.01%	18.94%	12.14%	12.42%	42.58%	100.00%
LOCAL GOVERNMENT EXPENDITURES BY FUNCTION($000)*							
DIRECT GENERAL EXPENDITURES	5.96%	11.12%	17.39%	9.39%	11.14%	45.00%	100.00%
EDUCATION	6.10%	12.55%	14.56%	7.65%	11.62%	47.53%	100.00%
HIGHWAYS	6.67%	10.47%	17.84%	12.02%	11.14%	41.86%	100.00%
PUBLIC WELFARE	1.53%	1.66%	31.85%	4.19%	11.08%	49.69%	100.00%
HEALTH & HOSPITALS	5.23%	10.19%	17.64%	18.64%	13.53%	34.78%	100.00%
POLICE PROTECTION	6.86%	11.18%	23.50%	7.79%	7.50%	43.17%	100.00%
FIRE PROTECTION	4.59%	6.99%	20.90%	9.30%	7.01%	51.21%	100.00%
HOUSING	5.87%	23.75%	4.03%	26.87%	20.43%	19.04%	100.00%
FINANCIAL ADMINISTRATION	4.80%	9.20%	18.34%	8.66%	11.27%	47.73%	100.00%
INTEREST ON GENERAL DEBT	6.95%	10.07%	21.58%	8.37%	7.75%	45.27%	100.00%
OTHER	5.49%	7.87%	22.23%	8.81%	10.56%	45.04%	100.00%
GENERAL DEBT OUTSTANDING	7.45%	11.11%	20.02%	7.07%	7.97%	46.39%	100.00%

All dollar amounts adjusted for inflation to a base year of 1980.

*Local Government Revenue & Expenditure figures for 1960, 1970 and 1980 are from 1962, 1972 and 1982 Census of Governments data respectively.

TABLE A12. PERCENTAGE OF THE TOTAL STUDY AREA, 1980.

	COASTAL AREA						
	C-1	C-2	C-3	C-4	W-1	W-2	TOTAL
NUMBER OF INHABITANTS							
TOTAL POPULATION	5.87%	11.05%	16.22%	10.08%	9.53%	47.25%	100.00%
NET MIGRATION	3.45%	9.12%	4.52%	6.01%	4.43%	72.47%	100.00%
URBAN POPULATION	4.83%	9.31%	18.02%	9.24%	9.17%	49.43%	100.00%
DEMOGRAPHIC COMPOSITION							
AGE							
UNDER 18	5.98%	11.63%	15.68%	10.21%	10.56%	45.95%	100.00%
18-64	5.76%	10.90%	16.13%	9.76%	8.81%	48.65%	100.00%
65+	6.28%	9.88%	19.20%	12.03%	11.05%	41.56%	100.00%
TOTAL POPULATION	5.87%	11.05%	16.22%	10.08%	9.53%	47.25%	100.00%
RACE							
WHITE	6.30%	11.02%	14.55%	10.27%	10.47%	47.38%	100.00%
NONWHITE	4.70%	11.11%	20.76%	9.56%	6.97%	46.90%	100.00%
GENDER							
MALES	5.83%	11.01%	15.83%	10.02%	9.44%	47.87%	100.00%
FEMALES	5.90%	11.09%	16.60%	10.14%	9.62%	46.66%	100.00%
HIGHEST LEVEL OF EDUCATIONAL ATTAINMENT							
MALES 25+	5.62%	10.29%	16.11%	9.84%	8.97%	49.17%	100.00%
MALES W/4 YRS HIGH SCHOOL	5.82%	11.45%	16.46%	11.64%	7.78%	46.84%	100.00%
MALES W/1-3 YRS COLLEGE	4.43%	8.67%	15.10%	9.77%	8.46%	53.58%	100.00%
MALES W/ 4 OR MORE YEARS OF COLLEGE	4.65%	8.91%	15.60%	7.07%	6.25%	57.52%	100.00%
TOTAL MALES W/ 4 YRS HIGH SCHOOL	5.08%	9.90%	15.83%	9.67%	7.46%	52.07%	100.00%
FEMALES 25+	5.73%	10.41%	17.17%	10.20%	9.28%	47.22%	100.00%
FEMALES W/4 YRS HIGH SCHOOL	5.26%	10.62%	18.02%	11.67%	7.41%	47.03%	100.00%
FEMALES W/1-3 YRS COLLEGE	4.60%	8.55%	15.19%	9.28%	8.27%	54.11%	100.00%
FEMALES W/ 4 OR MORE YEARS OF COLLEGE	4.92%	9.98%	16.09%	7.34%	7.01%	54.67%	100.00%
TOTAL FEMALES W/ 4YRS OF HIGH SCHOOL	5.02%	9.97%	16.90%	10.14%	7.53%	50.44%	100.00%
ALL PERSONS 25+	5.68%	10.35%	16.66%	10.03%	9.13%	48.16%	100.00%
TOTAL PERSONS W/ 4 YRS OF HIGH SCHOOL	5.05%	9.94%	16.37%	9.90%	7.50%	51.24%	100.00%
TOTAL PERSONS W/ 4 OR MORE YRS COLLEGE	4.76%	9.34%	15.80%	7.18%	6.56%	56.36%	100.00%
LABOR FORCE PARTICIPATION							
EMPLOYMENT/UNEMPLOYMENT							
PERSONS 16+ (14+'60)	5.84%	10.83%	16.45%	10.05%	9.12%	47.70%	100.00%
LABOR FORCE	5.55%	10.25%	15.36%	9.24%	8.58%	51.03%	100.00%
CIVILIANS IN LABOR FORCE	5.59%	10.33%	15.34%	8.83%	8.51%	51.39%	100.00%
EMPLOYED	5.58%	10.27%	15.20%	8.56%	8.44%	51.94%	100.00%
UNEMPLOYED	5.66%	11.49%	18.32%	14.28%	9.86%	40.38%	100.00%
MALES 16+ (14+'60)	5.79%	10.80%	15.96%	9.94%	8.98%	48.52%	100.00%
MALES IN LABOR FORCE	5.71%	10.49%	15.04%	9.30%	8.64%	50.81%	100.00%
MALES IN CIVILIAN LABOR FORCE	5.78%	10.61%	15.02%	8.72%	8.54%	51.34%	100.00%
MALES EMPLOYED	5.79%	10.57%	14.88%	8.51%	8.45%	51.80%	100.00%
MALES UNEMPLOYED	5.42%	11.47%	18.13%	13.42%	10.48%	41.08%	100.00%
FEMALES 16+ (14+'60)	5.88%	10.87%	16.91%	10.16%	9.25%	46.92%	100.00%
FEMALES IN LABOR FORCE	5.29%	9.90%	15.82%	9.14%	8.48%	51.36%	100.00%
FEMALES IN CIVILIAN LABOR FORCE	5.30%	9.92%	15.82%	9.00%	8.47%	51.48%	100.00%
FEMALES EMPLOYED	5.27%	9.83%	15.67%	8.65%	8.43%	52.14%	100.00%
FEMALES UNEMPLOYED	5.94%	11.53%	18.56%	15.32%	9.12%	39.53%	100.00%
INCOME BY PLACE OF RESIDENCE($000)							
TOTAL PERSONAL INCOME	5.49%	10.16%	15.31%	7.58%	7.33%	54.14%	100.00%
NET EARNINGS	5.41%	10.28%	14.56%	6.94%	6.77%	56.04%	100.00%
RESIDENTIAL ADJUSTMENT (EARNINGS)	24.19%	6.16%	33.01%	-1.10%	3.20%	34.55%	100.00%
DIVIDEND, INTEREST, RENT	5.66%	8.93%	16.40%	7.47%	8.43%	53.11%	100.00%
TRANSFER PAYMENTS	5.95%	10.66%	20.20%	12.98%	10.66%	39.55%	100.00%
INCOME MAINTENANCE BENEFITS PAYMENTS	6.57%	12.71%	24.82%	12.95%	14.42%	28.53%	100.00%
STATE UNEMPLOYMENT INSURANCE COMPENSATIO	9.42%	16.19%	25.87%	12.11%	8.64%	27.77%	100.00%

All dollar amounts adjusted for inflation to a base year of 1980.

TABLE A12. PERCENTAGE OF THE TOTAL STUDY AREA, 1980 (CONTINUED).

	COASTAL AREA						
	C-1	C-2	C-3	C-4	W-1	W-2	TOTAL
DATA BY MAJOR INDUSTRY							
NUMBER OF JOBS(FULL/PART-TIME)							
FARM	13.40%	12.15%	3.21%	14.59%	26.05%	30.59%	100.00%
AG. SERVICE FOR FISH & OTHER	5.18%	13.01%	9.89%	16.17%	23.20%	32.55%	100.00%
TOTAL FARM & AG. SERVICES	10.36%	12.47%	5.68%	15.18%	24.99%	31.32%	100.00%
MINING	14.39%	11.23%	13.58%	0.80%	7.94%	52.06%	100.00%
CONSTRUCTION	6.38%	13.56%	11.69%	6.86%	7.40%	54.11%	100.00%
MANUFACTURING	4.51%	9.37%	10.80%	11.06%	6.88%	57.37%	100.00%
TRANSPORTATION & PUBLIC UTILITIES	6.02%	10.74%	22.30%	6.70%	5.76%	48.48%	100.00%
WHOLESALE TRADE	5.72%	8.17%	17.16%	6.17%	5.86%	56.91%	100.00%
RETAIL TRADE	6.05%	9.67%	16.81%	8.58%	9.12%	49.77%	100.00%
FINANCE, INSURANCE AND REAL ESTATE	4.31%	8.54%	17.33%	7.09%	6.85%	55.89%	100.00%
SERVICES	5.53%	8.75%	18.34%	7.71%	7.34%	52.34%	100.00%
TOTAL GOVERNMENT	5.26%	13.03%	18.26%	13.77%	10.72%	38.96%	100.00%
FEDERAL, CIVILIAN	2.36%	4.12%	27.37%	17.65%	12.51%	36.01%	100.00%
FEDERAL, MILITARY	3.35%	6.30%	16.35%	40.19%	12.31%	21.49%	100.00%
STATE & LOCAL	5.98%	15.36%	17.10%	9.50%	10.22%	41.84%	100.00%
TOTAL	6.01%	10.30%	16.12%	8.67%	8.17%	50.72%	100.00%
EARNINGS BY PLACE OF WORK ($000)							
FARM	18.78%	14.37%	3.76%	13.25%	12.53%	37.31%	100.00%
AG. SERVICE FOR FISH & OTHER	5.07%	12.42%	11.86%	13.89%	22.55%	34.21%	100.00%
TOTAL FARM & AG. SERVICES	10.79%	13.23%	8.49%	13.62%	18.37%	35.50%	100.00%
MINING	12.41%	10.18%	13.93%	0.67%	6.40%	56.41%	100.00%
CONSTRUCTION	6.25%	13.77%	10.92%	4.93%	6.45%	57.68%	100.00%
MANUFACTURING	4.64%	10.58%	9.46%	9.12%	5.71%	60.49%	100.00%
TRANSPORTATION & PUBLIC UTILITIES	5.54%	9.49%	22.18%	5.79%	5.83%	51.17%	100.00%
WHOLESALE TRADE	4.91%	7.39%	15.62%	4.56%	4.40%	63.11%	100.00%
RETAIL TRADE	5.77%	9.68%	16.50%	7.61%	8.62%	51.82%	100.00%
FINANCE, INSURANCE AND REAL ESTATE	3.26%	7.30%	16.90%	5.34%	5.15%	62.05%	100.00%
SERVICES	5.57%	8.39%	17.20%	5.98%	6.21%	56.65%	100.00%
TOTAL GOVERNMENT	4.69%	12.75%	17.99%	12.31%	10.18%	42.08%	100.00%
FEDERAL, CIVILIAN	2.49%	4.16%	25.03%	15.70%	11.65%	40.97%	100.00%
FEDERAL, MILITARY	1.42%	2.73%	15.86%	50.77%	17.78%	11.44%	100.00%
STATE & LOCAL	5.54%	15.82%	16.38%	8.08%	9.14%	45.04%	100.00%
TOTAL	5.80%	10.18%	14.97%	6.79%	6.69%	55.57%	100.00%
LOCAL GOVERNMENT REVENUE BY SOURCE($000)*							
GENERAL REVENUE TOTAL (EXCLUDING INTERLOCAL	6.08%	11.42%	16.45%	6.84%	9.34%	49.87%	100.00%
INTERGOVERNMENTAL REVENUE	7.32%	13.29%	17.83%	8.48%	11.09%	41.98%	100.00%
FROM STATE	7.43%	13.74%	16.12%	8.78%	11.22%	42.71%	100.00%
FROM FEDERAL	6.87%	11.27%	25.49%	7.17%	10.50%	38.70%	100.00%
FROM LOCAL SOURCES	5.47%	10.49%	15.76%	6.03%	8.47%	53.77%	100.00%
TAXES	4.64%	10.09%	14.28%	4.59%	7.58%	58.82%	100.00%
PROPERTY	2.56%	4.99%	6.99%	3.97%	9.04%	72.45%	100.00%
OTHER	9.44%	21.86%	31.14%	6.02%	4.21%	27.33%	100.00%
CHARGES & MISCELLANEOUS	6.81%	11.15%	18.13%	8.36%	9.90%	45.65%	100.00%
LOCAL GOVERNMENT EXPENDITURES BY FUNCTION($000)*							
DIRECT GENERAL EXPENDITURES	6.30%	11.00%	15.72%	7.05%	9.23%	50.70%	100.00%
EDUCATION	6.47%	10.80%	12.73%	6.73%	10.59%	52.68%	100.00%
HIGHWAYS	11.22%	8.74%	14.64%	8.92%	7.26%	49.22%	100.00%
PUBLIC WELFARE	2.94%	8.52%	25.71%	4.04%	9.26%	49.52%	100.00%
HEALTH & HOSPITALS	5.58%	16.93%	17.45%	11.58%	12.26%	36.20%	100.00%
POLICE PROTECTION	5.65%	11.48%	19.38%	7.50%	6.88%	49.11%	100.00%
FIRE PROTECTION	4.19%	7.70%	17.67%	8.44%	6.22%	55.79%	100.00%
HOUSING	12.07%	9.29%	33.88%	8.38%	14.00%	22.37%	100.00%
FINANCIAL ADMINISTRATION	5.39%	10.63%	13.54%	9.27%	10.47%	50.70%	100.00%
INTEREST ON GENERAL DEBT	8.41%	15.05%	15.48%	5.23%	5.48%	50.35%	100.00%
OTHER	4.60%	9.08%	18.97%	5.54%	7.50%	54.31%	100.00%
GENERAL DEBT OUTSTANDING	8.65%	12.00%	12.31%	4.42%	6.92%	55.70%	100.00%

All dollar amounts adjusted for inflation to a base year of 1980.

*Local Government Revenue & Expenditure figures for 1960, 1970 and 1980 are from 1962, 1972 and 1982 Census of Governments data respectively.

APPENDIX B.

APPENDIX B

DEMOGRAPHIC AND SOCIOECONOMIC INDICATORS

ORIGINAL DATA SET

THE ORIGINAL DATA SET OF DEMOGRAPHIC AND SOCIOECONOMIC INDICATORS INCLUDES DATA FOR THE ENTIRE STUDY AREA BASED ON THE FOLLOWING 49 COUNTIES AND PARISHES:

COASTAL ANALYSIS AREA C1:

CALCASIEU, LA
CAMERON, LA
IBERIA, LA
LAFAYETTE, LA
VERMILION, LA

COASTAL ANALYSIS AREA C2:

ASCENSION, LA
EAST BATON ROUGE, LA
LAFOURCHE, LA
LIVINGSTON, LA
ST. CHARLES, LA
ST. JAMES, LA
ST. JOHN THE BAPTIST, LA
ST. MARY, LA
TERREBONNE, LA
WEST BATON ROUGE, LA

COASTAL ANALYSIS AREA C3:

JEFFERSON, LA
ORLEANS, LA
PLAQUEMINES, LA
ST. BERNARD, LA
ST. TAMMANY, LA

COASTAL ANALYSIS AREA C4:

BALDWIN, AL
MOBILE, AL
HANCOCK, MS
HARRISON, MS
JACKSON, MS
STONE, MS

COASTAL ANALYSIS AREA, W1:

ARANSAS, TX
CALHOUN, TX
CAMERON, TX
JACKSON, TX
KENEDY, TX
KLEBERG, TX
NUECES, TX
REFUGIO, TX
SAN PATRICIO, TX
VICTORIA, TX
WILLACY, TX

COASTAL ANALYSIS AREA W2:

BRAZORIA, TX
CHAMBERS, TX
FORT BEND, TX
GALVESTON, TX
HARDIN, TX
HARRIS, TX
JEFFERSON, TX
LIBERTY, TX
MATAGORDA, TX
MONTGOMERY, TX
ORANGE, TX
WALLER, TX

TABLE B1. DEMOGRAPHIC AND SOCIOECONOMIC CONDITIONS FOR COASTAL ANALYSIS AREA C1 (ORIGINAL DATA SET).

	1960	1970	1980	1981	1982	1983	1984	1985	1986	1987
NUMBER OF INHABITANTS										
POPULATION	327552	363793	438786	453600	468700	476200	475100	477000	476700	468900
NET MIGRATION*		-2425	3058	7259	8627	1018	-7084	-3840	-5861	
DATA BY MAJOR INDUSTRY										
NUMBER OF JOBS(FULL/PART-TIME)										
FARM		8049	6221	6092	5890	5952	5722	5588	5489	
AG. SERVICE FOR FISH & OTHER		1027	1414	1386	1507	1484	1471	1616	1579	
TOTAL FARM & AG. SERVICES COMBINED	7945	9076	7635	7478	7397	7436	7193	7204	7068	6927
MINING	7143	11143	27243	32376	32645	28352	28809	29280	21445	18211
CONSTRUCTION	8592	11133	22856	23110	19813	17048	14855	15217	14546	12615
MANUFACTURING	13768	14810	23616	26153	23203	19708	18938	18202	18016	19157
TRANSPORTATION & PUBLIC UTILITIES	7838	8946	16082	17897	18926	16936	17142	17167	15539	14352
WHOLESALE TRADE	3351	5240	14026	14962	14220	12616	12484	11689	10201	9592
RETAIL TRADE	17630	22473	37198	39651	39800	40394	40259	40573	38734	37998
FINANCE, INSURANCE AND REAL ESTATE	3200	4436	10455	11444	12160	12615	12881	13422	13540	12941
SERVICES	20150	28007	45495	49848	53724	53017	54757	55733	55010	53743
TOTAL GOVERNMENT	8195	23465	28789	29354	30454	30611	30438	30588	30549	29824
FEDERAL, CIVILIAN		1230	1548	1576	1661	1723	1748	1801	1823	
FEDERAL, MILITARY		2333	1967	1858	2392	2169	2143	2251	2273	
STATE & LOCAL		19902	25274	25920	26401	26719	26547	26536	26453	
TOTAL	97812	138729	233395	289105	252342	238733	237756	239075	224648	215360
EARNINGS BY PLACE OF WORK ($000)										
FARM	80197	67844	46048	29278	28313	22887	21201	14917	12004	
AG. SERVICE FOR FISH & OTHER	9694	14064	17395	14226	15324	15547	13091	15386	15011	
TOTAL FARM & AG. SERVICES COMBINED	89891	81908	63443	43504	43637	38433	34292	30303	27015	26987
MINING	166516	226369	647358	808993	825625	701287	693600	713690	512344	408045
CONSTRUCTION	103102	205801	481302	481047	384478	342574	267883	252461	239952	203643
MANUFACTURING	231282	303404	590690	652592	576255	487726	461757	438959	429122	460624
TRANSPORTATION & PUBLIC UTILITIES	105140	161148	330209	366980	391303	349818	353943	350141	309122	286986
WHOLESALE TRADE	53509	90329	269237	287326	272641	233465	225738	212585	181289	166329
RETAIL TRADE	144805	228491	355399	371347	367040	369184	358529	353412	324215	307223
FINANCE, INSURANCE AND REAL ESTATE	41986	55612	108861	115099	123390	131259	129923	133679	134065	118960
SERVICES	146342	274911	649492	732634	769729	763740	800566	821773	784678	791677
TOTAL GOVERNMENT	205890	254932	340868	363810	386966	398264	393259	398518	393740	384247
FEDERAL, CIVILIAN	20464	26856	34477	35604	35599	37053	37025	38792	37625	
FEDERAL, MILITARY	81309	6845	6706	7398	9801	9508	9285	9813	10221	
STATE & LOCAL	104117	221230	299685	320808	341567	351702	346950	349912	345894	
TOTAL EARNINGS FROM INDUSTRY	1288463	1882906	3836859	4223332	4141065	3815750	3719490	3705521	3335542	3154721

All dollar amount adjusted for inflation to a base year of 1980

*Net Migration figures for 1970 and 1980 are an annual average of the previous ten year period.

TABLE B1. DEMOGRAPHIC AND SOCIOECONOMIC CONDITIONS FOR COASTAL ANALYSIS AREA C1 (ORIGINAL DATA SET) (CONTINUED).

	1960	1970	1980	1981	1982	1983	1984	1985	1986	1987
INCOME BY PLACE OF RESIDENCE ($000)										
TOTAL PERSONAL INCOME	1502943	2274641	4269914	4646676	4695179	4539681	4455221	4496351	4261659	4120165
NET EARNINGS	1247620	1795000	3328562	3606949	3543549	3282940	3212875	3194532	2928586	2765295
RESIDENTIAL ADJUSTMENT	-13477	-15141	-324728	-397689	-369960	-330095	-306207	-300304	-214425	-207560
DIVIDEND, INTEREST, RENT	154671	241235	500989	592500	648345	669859	683207	724207	717217	704009
TRANSFER PAYMENTS	100653	238407	440363	447227	503286	586882	559138	577612	615855	650861
PER CAPITA INCOME ($)	4588	6253	9731	10244	10017	9533	9377	9426	8940	8787
LOCAL GOVERNMENT EXPENDITURE BY FUNCTION ($000)* (ONLY COUNTIES/PARISHES WITH 100,000+ POPULATION)										
DIRECT GENERAL EXPENDITURES	113549	197183			319889		329819	344688	332514	
EDUCATION	53128	99345			146764		115469	114069	126348	
HIGHWAYS	11239	12590			29164		29661	30115	29707	
PUBLIC WELFARE	44	221			616		556	539	501	
HEALTH & HOSPITALS	2932	5380			12485		17644	42447	12664	
POLICE PROTECTION	4395	10841			15996		19672	23911	23404	
FIRE PROTECTION	2007	4460			6083		6806	6598	7768	
HOUSING	497	5293			9619		6119	5407	4723	
FINANCIAL ADMINISTRATION	1062	1737			4382		4884	5773	5692	
INTEREST ON GENERAL DEBT	9359	15648			33480		47621	47072	46581	
OTHER	28887	41667			61299		81387	68757	75126	
GENERAL DEBT OUTSTANDING	242454	441353			768335		823124	846398	772998	
LOCAL GOVERNMENT REVENUE BY SOURCE ($000)* (ONLY COUNTIES/PARISHES WITH 100,000+ POPULATION)										
GENERAL REVENUE TOTAL (EXCLUDING INTERLOCAL	96962	193408			321638		323182	355938	335045	
INTERGOVERMENTAL REVENUE	43131	83473			123091		104843	102771	107053	
FROM STATE	41892	79772			97946		87824	90031	94827	
FROM FEDERAL	1239	3701			25145		17019	12740	12227	
FROM LOCAL	53830	109936			198546		218339	253167	227991	
TAXES	36935	76708			107915		104300	109560	120129	
PROPERTY	31941	47467			40050		49171	50783	58352	
OTHER	4993	29241			67865		55129	58777	61775	
CHARGES & MISCELLANEOUS	16896	33228			90631		114039	143608	107862	

All dollar amount adjusted for inflation to a base year of 1980

*Local Government Expenditure & Revenue figures for 1960, 1970 and 1980 are from 1962, 1972 and 1982 Census of Governments data respectively. Data for 1984, 1985 and 1986 are from the U.S. Bureau of Census, Local Government Finances in Major County Areas.

TABLE B2. DEMOGRAPHIC AND SOCIOECONOMIC CONDITIONS FOR COASTAL ANALYSIS AREA C2 (ORIGINAL DATA SET).

	1960	1970	1980	1981	1982	1983	1984	1985	1986	1987
NUMBER OF INHABITANTS										
POPULATION	522767	654466	825958	853300	874100	889600	895100	902200	902000	892100
NET MIGRATION*		2401	8096	12795	8837	3419	-6380	-4642	-11373	
DATA BY MAJOR INDUSTRY										
NUMBER OF JOBS(FULL/PART-TIME)										
FARM		7904	5641	5502	5366	5299	5032	4814	4643	
AG. SERVICE FOR FISH & OTHER		2341	3551	3508	3300	3338	3186	3361	3262	
TOTAL FARM & AG. SERVICES COMBINED	9383	10245	9192	9010	8666	8637	8218	8175	7905	7612
MINING	8844	10346	21246	21294	19259	15535	15313	15565	12434	11116
CONSTRUCTION	15107	22023	48565	47790	42419	39263	41871	39605	34399	32991
MANUFACTURING	30923	35365	49039	53713	50619	43170	41736	40097	37029	35859
TRANSPORTATION & PUBLIC UTILITIES	11678	16705	28704	30525	29891	28108	28542	29017	25555	24052
WHOLESALE TRADE	4592	11825	20033	20760	20245	18994	19113	18944	17339	16904
RETAIL TRADE	24540	35571	59470	62137	63736	65725	69496	69429	67556	65599
FINANCE, INSURANCE AND REAL ESTATE	4847	9339	20712	22133	22754	23281	24754	26132	26484	26401
SERVICES	28535	42973	71978	76105	80089	81138	83281	85396	87013	88378
TOTAL GOVERNMENT	18001	48873	71336	69413	74984	75169	76241	76820	76746	77122
FEDERAL, CIVILIAN		2217	2715	2663	2656	2753	2880	3116	3132	
FEDERAL, MILITARY		4158	3694	3458	4426	4014	4040	4292	4333	
STATE & LOCAL		42498	64927	63292	67902	68402	69321	69412	69281	
TOTAL	156450	243265	400275	491303	412662	399020	408565	409180	392460	386034
EARNINGS BY PLACE OF WORK ($000)										
FARM	52817	66731	35221	37713	41868	31372	22910	23895	47539	
AG. SERVICE FOR FISH & OTHER	18771	30076	42590	25845	23576	29679	20716	30995	29611	
TOTAL FARM & AG. SERVICES COMBINED	71588	96808	77811	63558	65444	61053	43627	54889	77152	67574
MINING	162605	227889	530902	533179	502826	410755	389644	398895	314805	266339
CONSTRUCTION	261206	453457	1061480	1016869	896968	786611	777284	737370	608521	582570
MANUFACTURING	552556	804430	1347430	1473807	1413358	1244606	1202946	1157650	1062175	1019054
TRANSPORTATION & PUBLIC UTILITIES	155046	290987	564929	584699	580160	554322	552252	557930	489023	457651
WHOLESALE TRADE	124013	219384	405478	400686	392924	358022	360960	357508	318506	305207
RETAIL TRADE	260542	366906	596395	599268	597248	612793	622014	614994	574673	539657
FINANCE, INSURANCE AND REAL ESTATE	73498	133526	243887	251174	258598	277620	288293	302936	305272	288197
SERVICES	242847	483229	978140	1026383	1080171	1077393	1128596	1148026	1130583	1199528
TOTAL GOVERNMENT	254573	589612	926664	922957	984169	979188	987445	1008915	989145	983455
FEDERAL, CIVILIAN	21779	46540	57559	57690	56591	59326	62909	67336	65063	
FEDERAL, MILITARY	12602	12145	12956	13306	17787	17552	17816	19457	20276	
STATE & LOCAL	220193	530926	856149	851960	909791	902309	906723	922124	903805	
TOTAL EARNINGS FROM INDUSTRY	2158473	3666228	6733116	6872578	6771865	6362363	6353061	6339113	5869855	5709232

All dollar amounts adjusted for inflation to a base year of 1980.

*Net Migration figures for 1970 and 1980 are an annual average of the previous ten year period.

TABLE B2. DEMOGRAPHIC AND SOCIOECONOMIC CONDITIONS FOR COASTAL ANALYSIS AREA C2 (ORIGINAL DATA SET) (CONTINUED).

	1960	1970	1980	1981	1982	1983	1984	1985	1986	1987
INCOME BY PLACE OF RESIDENCE ($000)*										
TOTAL PERSONAL INCOME	2584435	4401086	7902476	8227489	8236438	8167775	8262412	8336280	7973843	7900884
NET EARNINGS	2102322	3591106	6323043	6482259	6362137	6129753	6177242	6146224	5731327	5604518
RESIDENTIAL ADJUSTMENT	-8696	68366	-82698	-31576	-38089	105414	167763	167319	199064	222808
DIVIDEND, INTEREST, RENT	313606	423506	790776	931891	982168	1029005	1087205	1137618	1131592	1130374
TRANSFER PAYMENTS	168507	386474	788657	813339	892133	1009017	997965	1052438	1110924	1165992
PER CAPITA INCOME ($)	4944	6725	9568	9642	9423	9181	9231	9240	8840	8857
LOCAL GOVERNMENT EXPENDITURE BY FUNCTION ($000)* (ONLY COUNTIES/PARISHES WITH 100,000+ POPULATION)										
DIRECT GENERAL EXPENDITURES	124726	244824			335011		319229	342896	352410	
EDUCATION	55192	139322			139638		124369	134170	136730	
HIGHWAYS	8815	16798			12790		22325	31500	14397	
PUBLIC WELFARE	55	73			1709		1114	814	546	
HEALTH & HOSPITALS	1706	6280			16448		14363	12292	13638	
POLICE PROTECTION	6874	13374			21866		22079	19729	19561	
FIRE PROTECTION	4152	6771			9458		10431	11445	10712	
HOUSING	104	6838			5956		3156	5912	3306	
FINANCIAL ADMINISTRATION	1297	2945			6070		5846	6275	6399	
INTEREST ON GENERAL DEBT	7527	13778			35200		39285	37001	36852	
OTHER	39004	38644			85876		76261	83758	110269	
GENERAL DEBT OUTSTANDING	221567	432677			516566		509117	506187	500774	
LOCAL GOVERNMENT REVENUE BY SOURCE ($000) (ONLY COUNTIES/PARISHES WITH 100,000+ POPULATION)										
GENERAL REVENUE TOTAL (EXCLUDING INTERLOCAL	105938	246092			352929		424358	357053	376645	
INTERGOVERMENTAL REVENUE	46729	97363			144969		122596	126884	129588	
FROM STATE	45182	74832			111845		98566	102700	102861	
FROM FEDERAL	1548	22531			33125		24030	24184	26727	
FROM LOCAL	59211	148729			207960		301762	230169	247057	
TAXES	46009	122445			126894		139150	148528	154656	
PROPERTY	31532	62370			38354		42358	43975	49281	
OTHER	14477	60075			88540		96792	104554	105375	
CHARGES & MISCELLANEOUS	13202	26284			81066		162612	81640	92401	

All dollar amounts adjusted for inflation to a base year of 1980.

*Local Government Expenditure & Revenue figures for 1960, 1970 and 1980 are from 1962, 1972 and 1982 Census of Governments data respectively. Data for 1984, 1985 and 1986 are from the U.S. Bureau of Census, Local Government Finances in Major County Areas.

TABLE B3. DEMOGRAPHIC AND SOCIOECONOMIC CONDITIONS FOR COASTAL ANALYSIS AREA C3 (ORIGINAL DATA SET).

	1960	1970	1980	1981	1982	1983	1984	1985	1986	1987
NUMBER OF INHABITANTS										
POPULATION	929668	1071034	1213122	1234700	1254700	1267700	1269600	1273200	1275200	1262100
NET MIGRATION*		749	4014	6459	8052	1097	-9764	-7942	-9220	
DATA BY MAJOR INDUSTRY										
NUMBER OF JOBS(FULL/PART-TIME)										
FARM		1053	1491	1482	1464	1476	1418	1379	1351	
AG. SERVICE FOR FISH & OTHER		1782	2700	2829	2848	2928	2921	3084	3151	
TOTAL FARM & AG. SERVICES COMBINED	3254	2835	4191	4311	4312	4404	4339	4463	4502	4501
MINING	7402	19019	25697	28253	28512	26181	26697	26357	22531	20304
CONSTRUCTION	22284	28713	41849	42287	41462	40286	41194	35652	32901	29887
MANUFACTURING	50846	55740	56516	56422	51104	44634	42844	41948	39584	37899
TRANSPORTATION & PUBLIC UTILITIES	38661	50101	59577	62217	57323	53073	52189	50015	46997	46405
WHOLESALE TRADE	16557	34098	42065	43088	40770	38256	37896	37550	35746	33802
RETAIL TRADE	53424	73999	103378	105207	105931	106885	115416	114559	114640	113546
FINANCE, INSURANCE AND REAL ESTATE	16767	28551	42055	43620	45081	45863	47899	49036	50484	51314
SERVICES	67735	107778	150938	156688	163869	166621	175364	178116	180183	180832
TOTAL GOVERNMENT	26368	77905	99926	99324	100730	101649	102305	103651	101359	99412
FEDERAL, CIVILIAN		13670	18038	16097	15589	15593	15736	15965	16085	
FEDERAL, MILITARY		9927	9592	9379	10700	9945	9844	10249	10399	
STATE & LOCAL		54308	72296	73848	74441	76111	76725	77437	74875	
TOTAL	303298	478739	626192	745052	639094	627852	646143	641347	628927	617902
EARNINGS BY PLACE OF WORK ($000)										
FARM	17964	9805	9220	8870	8394	11570	10564	12385	15080	
AG. SERVICE FOR FISH & OTHER	10108	22364	40679	25409	23892	30496	23715	35151	36100	
TOTAL FARM & AG. SERVICES COMBINED	28072	32169	49899	34279	32286	42067	34279	47536	51179	52368
MINING	294235	465679	726386	839552	849831	777905	796663	815961	672719	587729
CONSTRUCTION	278803	518136	841907	834780	825340	807077	799725	651922	594381	524057
MANUFACTURING	659919	1024100	1204310	1230220	1107600	957844	920508	904660	851840	801346
TRANSPORTATION & PUBLIC UTILITIES	643856	939109	1320853	1333039	1247398	1181976	1137811	1092164	1028757	988806
WHOLESALE TRADE	399859	651928	856660	875506	827243	758684	759596	751085	709880	673674
RETAIL TRADE	529637	796836	1016873	1007083	995127	1031123	1078486	1049202	1043171	1002569
FINANCE, INSURANCE AND REAL ESTATE	307176	449317	564471	566655	572594	615069	638456	653489	688012	671221
SERVICES	694664	1304298	2005981	2113574	2262109	2374984	2529978	2584916	2592670	2708460
TOTAL GOVERNMENT	577334	1009936	1308094	1334328	1391728	1411506	1432856	1455396	1424216	1411594
FEDERAL, CIVILIAN	195278	284031	346539	334673	327466	334579	335946	345008	333576	
FEDERAL, MILITARY	73108	59720	75121	83898	93218	89215	92742	96186	98824	
STATE & LOCAL	308947	666185	886434	915757	971044	987711	1004167	1014202	991813	
TOTAL EARNINGS FROM INDUSTRY	4413556	7191509	9895434	10169017	10111255	9958235	10128358	10006331	9656825	9421824

All dollar amounts adjusted for inflation to a base year of 1980.

*Net Migration figures for 1970 and 1980 are an annual average of the previous ten year period.

TABLE B3. DEMOGRAPHIC AND SOCIOECONOMIC CONDITIONS FOR COASTAL ANALYSIS AREA C3 (ORIGINAL DATA SET) (CONTINUED).

	1960	1970	1980	1981	1982	1983	1984	1985	1986	1987
INCOME BY PLACE OF RESIDENCE ($000)										
TOTAL PERSONAL INCOME	5359851	8444200	11907320	12318181	12417232	12478155	12647301	12739600	12546451	12324555
NET EARNINGS	4244863	6641754	8960919	9116609	9073321	8941064	9025506	8903009	8607065	8363850
RESIDENTIAL ADJUSTMENT	-63201	-256643	-443169	-512053	-471315	-477697	-546271	-526697	-485441	-510439
DIVIDEND, INTEREST, RENT	765960	993375	1451538	1676317	1715916	1792818	1892234	1983920	1997974	1989404
TRANSFER PAYMENTS	349029	809070	1494863	1525255	1627995	1744273	1729560	1852672	1941412	1971301
PER CAPITA INCOME ($)	5765	7884	9815	9977	9897	9843	9962	10006	9839	9765
LOCAL GOVERNMENT EXPENDITURE BY FUNCTION ($000)* (ONLY COUNTIES/PARISHES WITH 100,000+ POPULATION)										
DIRECT GENERAL EXPENDITURES	417870	739473			1079735		1188548	1252420	1264723	
EDUCATION	129023	309395			385211		385194	406697	416437	
HIGHWAYS	30500	45781			50570		67849	73860	60120	
PUBLIC WELFARE	1029	5751			7698		7857	8609	9578	
HEALTH & HOSPITALS	11895	52368			107584		128305	127538	123288	
POLICE PROTECTION	23120	50764			71924		74727	82561	88534	
FIRE PROTECTION	15034	25367			31478		35611	38322	37625	
HOUSING	32757	3325			35445		7391	42841	35258	
FINANCIAL ADMINISTRATION	5219	11147			15280		19006	27046	20748	
INTEREST ON GENERAL DEBT	31919	54355			66683		88461	91657	89576	
OTHER	137373	181220			307860		374147	353289	383559	
GENERAL DEBT OUTSTANDING	1033660	1292590			1160778		1360402	1395457	1638900	
LOCAL GOVERNMENT REVENUE BY SOURCE ($000)* (ONLY COUNTIES/PARISHES WITH 100,000+ POPULATION)										
GENERAL REVENUE TOTAL (EXCLUDING INTERLOCAL)	400116	767351			1174066		1322437	1359928	1330508	
INTERGOVERMENTAL REVENUE	146216	286097			416376		398706	404799	380712	
FROM STATE	134331	247952			299197		285653	302392	289109	
FROM FEDERAL	11886	38145			117179		113053	102407	91603	
FROM LOCAL	253901	481253			757689		923731	955129	949796	
TAXES	161925	324454			427128		551292	552800	528561	
PROPERTY	102266	154039			144138		180816	182066	189828	
OTHER	59659	170418			282990		370477	370734	338733	
CHARGES & MISCELLANEOUS	91977	156798			330560		372439	402329	421234	

All dollar amounts adjusted for inflation to a base year of 1980.

*Local Government Expenditure & Revenue figures for 1960, 1970 and 1980 are from 1962, 1972 and 1982 Census of Governments data respectively. Data for 1984, 1985 and 1986 are from the U.S. Bureau of Census, Local Government Finances in Major County Areas.

TABLE B4. DEMOGRAPHIC AND SOCIOECONOMIC CONDITIONS FOR COASTAL ANALYSIS AREA C4 (ORIGINAL DATA SET).

	1960	1970	1980	1981	1982	1983	1984	1985	1986	1987
NUMBER OF INHABITANTS										
POPULATION	559452	624735	753469	762800	782000	788900	792700	802600	822700	827900
NET MIGRATION*		-3099	5333	-374	11547	-656	-3264	2956	13209	
DATA BY MAJOR INDUSTRY										
NUMBER OF JOBS(FULL/PART-TIME)										
FARM		6477	6776	6487	6433	6447	6195	5945	5208	
AG. SERVICE FOR FISH & OTHER		2306	4414	4386	4019	4317	4605	4478	4225	
TOTAL FARM & AG. SERVICES COMBINED	6175	8783	11190	10873	10452	10764	10800	10423	9433	9502
MINING	573	528	1517	1755	1600	1463	1721	1575	1356	1439
CONSTRUCTION	12974	16042	24565	24490	24498	21498	21493	23289	23194	22012
MANUFACTURING	33575	47402	57879	60877	58160	50787	52211	54225	55240	55823
TRANSPORTATION & PUBLIC UTILITIES	13333	14102	17908	17379	17114	16847	16871	16811	16608	16865
WHOLESALE TRADE	5845	10062	15135	14937	14234	13981	14853	15024	14833	14748
RETAIL TRADE	28924	35733	52742	53234	54156	54757	58704	60129	63706	63546
FINANCE, INSURANCE AND REAL ESTATE	6094	9818	17196	17605	17837	18954	19497	20700	21693	22999
SERVICES	35877	46983	63470	64681	66698	68995	71602	76223	78812	81450
TOTAL GOVERNMENT	28861	61309	75362	75582	74613	73076	74459	74687	77282	78632
FEDERAL, CIVILIAN		9637	11630	11211	11377	11615	11954	12227	12611	
FEDERAL, MILITARY		24877	23571	24925	25539	23369	22747	22353	24405	
STATE & LOCAL		26795	40161	39446	37697	38092	39758	40107	40266	
TOTAL	172231	250762	336964	427868	339362	331122	342211	353086	362157	367016
EARNINGS BY PLACE OF WORK ($000)										
FARM	29549	36869	32477	41796	42229	53223	42250	49103	46155	
AG. SERVICE FOR FISH & OTHER	23063	23239	47628	35715	29317	36129	30220	37733	34808	
TOTAL FARM & AG. SERVICES COMBINED	52612	60108	80105	77511	71546	89353	72471	86837	80963	87324
MINING	6299	6939	34759	39072	35459	27683	30074	29792	25219	18457
CONSTRUCTION	117680	258328	379677	397930	437852	358046	309695	345599	327710	317613
MANUFACTURING	446296	851021	1160860	1228273	1180527	1066334	1090901	1106410	1133511	1139682
TRANSPORTATION & PUBLIC UTILITIES	182710	247065	344937	338634	327554	327858	321362	319932	316022	321202
WHOLESALE TRADE	105921	162377	249990	226181	217878	209717	228950	239708	238626	236609
RETAIL TRADE	239817	349664	469166	454351	451048	462680	484595	500896	525009	514888
FINANCE, INSURANCE AND REAL ESTATE	84729	127866	178387	173902	163645	178404	179098	197642	212228	211981
SERVICES	269287	465285	696751	715278	731559	758720	809595	882281	941476	1029762
TOTAL GOVERNMENT	654440	724173	895273	904967	910769	921928	950497	1011714	1049678	1058751
FEDERAL, CIVILIAN	332758	182967	217379	216153	214479	224301	233776	246507	239986	
FEDERAL, MILITARY	197227	252999	240563	260189	270932	256463	257922	266461	284638	
STATE & LOCAL	124455	288208	437331	428625	425359	441165	458800	498746	525055	
TOTAL EARNINGS FROM INDUSTRY	2159790	3252826	4489905	4556098	4527836	4400723	4477238	4720811	4850442	4936269

All dollar amounts adjusted for inflation to a base year of 1980.

*Net Migration figures for 1970 and 1980 are an annual average of the previous ten year period.

TABLE B4. DEMOGRAPHIC AND SOCIOECONOMIC CONDITIONS FOR COASTAL ANALYSIS AREA C4 (ORIGINAL DATA SET) (CONTINUED).

	1960	1970	1980	1981	1982	1983	1984	1985	1986	1987
INCOME BY PLACE OF RESIDENCE ($000)										
TOTAL PERSONAL INCOME	2511474	3958157	5892506	6077926	6103158	6075006	6204703	6330455	6654791	6843888
NET EARNINGS	2081511	3084424	4270720	4315196	4262612	4167187	4251565	4440069	4553275	4635246
RESIDENTIAL ADJUSTMENT	-15190	-20765	14712	14212	-1315	20537	37313	6149	-8482	-3468
DIVIDEND, INTEREST, RENT	254412	417750	661456	765022	789726	780621	830926	713856	905875	968919
TRANSFER PAYMENTS	175551	455982	960330	997708	1050819	1127198	1122212	1176530	1195641	1239723
PER CAPITA INCOME ($)	4489	6336	7821	7968	7805	7701	7827	7887	8089	8267
LOCAL GOVERNMENT EXPENDITURE BY FUNCTION ($000)* (ONLY COUNTIES/PARISHES WITH 100,000+ POPULATION)										
DIRECT GENERAL EXPENDITURES	213661	370355			433304		501840	508892	571000	
EDUCATION	79637	141168			174949		196062	194406	221834	
HIGHWAYS	31071	28326			31961		25774	37655	40431	
PUBLIC WELFARE	584	670			1082		1804	1291	1790	
HEALTH & HOSPITALS	27196	52078			54892		75208	75288	72612	
POLICE PROTECTION	9127	16241			26807		25163	26133	28108	
FIRE PROTECTION	5785	11380			15151		13950	13984	14863	
HOUSING	8084	20359			8080		12162	14164	13064	
FINANCIAL ADMINISTRATION	2689	5002			10098		9184	9880	10533	
INTEREST ON GENERAL DEBT	11155	20055			22680		47967	40149	64408	
OTHER	38335	75075			87604		94566	95942	103357	
GENERAL DEBT OUTSTANDING	344166	432732			392470		1051879	809569	1074556	
LOCAL GOVERNMENT REVENUE BY SOURCE ($000)* (ONLY COUNTIES/PARISHES WITH 100,000+ POPULATION)										
GENERAL REVENUE TOTAL (EXCLUDING INTERLOCAL	194516	356360			450252		513262	536036	602671	
INTERGOVERMENTAL REVENUE	63259	138830			179543		203899	202404	217739	
FROM STATE	51237	71192			149752		161197	172743	190298	
FROM FEDERAL	12023	67638			29790		42702	29661	27443	
FROM LOCAL	131256	217527			270710		309363	333633	384930	
TAXES	82959	121870			133103		150274	165767	178705	
PROPERTY	52320	77549			79084		96635	102087	108295	
OTHER	30645	44323			54019		53638	63680	70409	
CHARGES & MISCELLANEOUS	48296	95658			137607		159090	167866	206227	

All dollar amounts adjusted for inflation to a base year of 1980.

*Local Government Expenditure & Revenue figures for 1960, 1970 and 1980 are from 1962, 1972 and 1982 Census of Governments data respectively. Data for 1984, 1985 and 1986 are from the U.S. Bureau of Census, Local Government Finances in Major County Areas.

TABLE B5. DEMOGRAPHIC AND SOCIOECONOMIC CONDITIONS FOR COASTAL ANALYSIS AREA W1 (ORIGINAL DATA SET).

	1960	1970	1980	1981	1982	1983	1984	1985	1986	1987
NUMBER OF INHABITANTS										
POPULATION	563800	577582	712633	737300	767000	787700	794300	800700	812300	812800
NET MIGRATION*		-9727	3930	10615	18206	9184	-4224	-4022	1319	
DATA BY MAJOR INDUSTRY										
NUMBER OF JOBS(FULL/PART-TIME)										
FARM		15189	12095	11454	11135	11350	11069	10520	9567	
AG. SERVICE FOR FISH & OTHER		3817	6332	5737	5719	5982	5637	6177	6087	
TOTAL FARM & AG. SERVICES COMBINED	22096	19006	18427	17191	16854	17332	16706	16697	15654	16353
MINING	6024	7383	15030	17973	18297	15915	16813	16544	13499	10553
CONSTRUCTION	13397	15013	26492	29067	30592	27059	25548	25009	22509	20233
MANUFACTURING	20233	22763	35971	37551	35612	31844	31907	31007	29061	28913
TRANSPORTATION & PUBLIC UTILITIES	12186	11653	15392	16513	16828	15618	16145	16468	15569	14886
WHOLESALE TRADE	7195	10169	14377	15433	15438	14471	13929	13718	12246	11149
RETAIL TRADE	31062	39834	56073	60632	61789	60833	62977	65237	63235	61557
FINANCE, INSURANCE AND REAL ESTATE	5643	9398	16620	17699	18844	19294	20626	21775	22232	21973
SERVICES	30072	42020	60388	64429	67666	70408	73893	77518	79049	80501
TOTAL GOVERNMENT	16151	49529	58688	57936	58574	59791	60369	61323	62149	63393
FEDERAL, CIVILIAN		8882	8243	8050	8257	8913	9335	9565	9615	
FEDERAL, MILITARY		11529	7221	7581	8114	7984	7309	7137	7039	
STATE & LOCAL		29118	43224	42305	42203	42894	43725	44621	45495	
TOTAL	164059	226768	317458	334424	340494	332565	338913	345296	335203	329511
EARNINGS BY PLACE OF WORK ($000)										
FARM	182354	99275	30706	116057	70370	101387	113049	110874	69274	
AG. SERVICE FOR FISH & OTHER	28097	43475	77316	46809	43001	53648	34986	54338	51053	
TOTAL FARM & AG. SERVICES COMBINED	210451	142750	108022	162866	113371	155035	148035	165212	120327	200660
MINING	167829	138888	333781	421922	418122	353116	363774	352113	265999	193470
CONSTRUCTION	145224	248778	497038	506670	531846	446132	403848	392494	353952	316666
MANUFACTURING	293001	419605	727376	758092	719924	664752	659320	638663	592168	593128
TRANSPORTATION & PUBLIC UTILITIES	140857	256459	347001	351749	299818	270147	334204	403731	382880	334092
WHOLESALE TRADE	88482	147014	241482	255314	257354	233700	228704	231427	203044	179633
RETAIL TRADE	260169	400873	531555	558638	561514	559666	557655	574307	531877	493345
FINANCE, INSURANCE AND REAL ESTATE	68143	121936	171878	168446	178168	192196	199627	211872	217279	211789
SERVICES	216303	452728	724284	754161	790660	820406	862106	909870	915661	972235
TOTAL GOVERNMENT	350302	666199	740320	762214	801322	850929	866940	927893	934889	941869
FEDERAL, CIVILIAN	65035	176613	161258	165792	170418	183209	188657	203973	198113	
FEDERAL, MILITARY	133965	151991	84249	91490	97698	98849	90174	90312	91180	
STATE & LOCAL	151302	337595	494813	504933	533207	568871	588109	633608	645596	
TOTAL EARNINGS FROM INDUSTRY	1940761	2995230	4422737	4700073	4672098	4546079	4624213	4807582	4518076	4436887

All dollar amounts adjusted for inflation to a base year of 1980.

*Net Migration figures for 1970 and 1980 are an annual average of the previous ten year period.

TABLE B5. DEMOGRAPHIC AND SOCIOECONOMIC CONDITIONS FOR COASTAL ANALYSIS AREA W1 (ORIGINAL DATA SET) (CONTINUED).

	1960	1970	1980	1981	1982	1983	1984	1985	1986	1987
INCOME BY PLACE OF RESIDENCE ($000)										
TOTAL PERSONAL INCOME	2369322	3652671	5699904	6096576	6164222	6133436	6292975	6569835	6368963	6335867
NET EARNINGS	1876667	2845608	4165474	4444527	4401291	4267871	4358300	4519248	4252022	4173225
RESIDENTIAL ADJUSTMENT	-18245	-30191	-42913	-17469	-27086	-39833	-23245	-25385	-15954	-18176
DIVIDEND, INTEREST, RENT	359615	443203	745979	849784	912613	926655	992597	1055687	1063726	1095463
TRANSFER PAYMENTS	133040	363860	788451	802265	850318	938910	942078	994900	1053215	1067179
PER CAPITA INCOME ($)	4202	6324	7998	8269	8037	7787	7923	8205	7841	7795
LOCAL GOVERNMENT EXPENDITURE BY FUNCTION ($000)* (ONLY COUNTIES/PARISHES WITH 100,000+ POPULATION)										
DIRECT GENERAL EXPENDITURES	187873	353743			467392		569624	621441	683791	
EDUCATION	87535	175638			235794		282337	313421	357807	
HIGHWAYS	19235	19702			17871		22990	21809	24855	
PUBLIC WELFARE	1999	1452			1974		1649	2532	2465	
HEALTH & HOSPITALS	11988	30450			46241		49483	51313	48204	
POLICE PROTECTION	6492	11739			18445		22447	24157	25828	
FIRE PROTECTION	5151	7077			9296		10925	10805	12141	
HOUSING	2621	12516			12299		13670	17026	16682	
FINANCIAL ADMINISTRATION	3079	4336			8806		10782	11575	11551	
INTEREST ON GENERAL DEBT	11838	14824			18475		21611	54696	56019	
OTHER	37936	76011			98191		133730	114107	128239	
GENERAL DEBT OUTSTANDING	397783	391906			538760		713955	726880	825829	
LOCAL GOVERNMENT REVENUE BY SOURCE ($000)* (ONLY COUNTIES/PARISHES WITH 100,000+ POPULATION)										
GENERAL REVENUE TOTAL (EXCLUDING INTERLOCAL	184254	326577			493721		582628	673376	697881	
INTERGOVERMENTAL REVENUE	55253	117522			214135		219681	286706	299194	
FROM STATE	52365	102158			173064		182115	241104	254649	
FROM FEDERAL	2888	15364			41071		37566	45602	44545	
FROM LOCAL	129001	209055			279586		362947	386670	398687	
TAXES	79419	126187			147799		175917	195433	206919	
PROPERTY	75782	110399			119230		144037	161423	172279	
OTHER	3634	15790			28569		31880	34010	34640	
CHARGES & MISCELLANEOUS	49585	82868			131788		187030	191237	191768	

All dollar amounts adjusted for inflation to a base year of 1980.

*Local Government Expenditure & Revenue figures for 1960, 1970 and 1980 are from 1962, 1972 and 1982 Census of Governments data respectively. Data for 1984, 1985 and 1986 are from the U.S. Bureau of Census, Local Government Finances in Major County Areas.

TABLE B6. DEMOGRAPHIC AND SOCIOECONOMIC CONDITIONS FOR COASTAL ANALYSIS AREA W2 (ORIGINAL DATA SET).

	1960	1970	1980	1981	1982	1983	1984	1985	1986	1987
NUMBER OF INHABITANTS										
POPULATION	1937526	2555167	3533156	3712700	3919100	4023500	4046200	4060400	4080100	4056800
NET MIGRATION*		30029	64327	121232	153055	49910	-30262	-38263	-31293	
DATA BY MAJOR INDUSTRY										
NUMBER OF JOBS(FULL/PART-TIME)										
FARM		13010	14204	14067	14172	14654	14363	13625	12364	
AG. SERVICE FOR FISH & OTHER		5659	8884	10422	11242	12016	13047	12755	12545	
TOTAL FARM & AG. SERVICES COMBINED	17331	18669	23088	24489	25414	26670	27410	26380	24909	25054
MINING	20042	35124	98529	123234	131455	115315	116787	110753	94138	80475
CONSTRUCTION	53639	95862	193794	200952	196055	181782	178826	170619	155957	143222
MANUFACTURING	159144	202820	300181	328818	301589	247678	243495	235443	210244	201756
TRANSPORTATION & PUBLIC UTILITIES	62155	84972	129526	137934	139082	130887	131460	131905	127976	130596
WHOLESALE TRADE	34019	80542	139540	147351	145487	133150	134533	136124	127752	118574
RETAIL TRADE	112393	179620	305980	322680	335781	332653	350652	352582	340613	335107
FINANCE, INSURANCE AND REAL ESTATE	31822	67311	135626	144439	156274	164783	172656	175486	176081	176379
SERVICES	131304	236059	430736	465675	492360	497917	527081	545580	550144	569663
TOTAL GOVERNMENT	47100	145196	213255	219858	229931	236615	241871	251700	257707	261030
FEDERAL, CIVILIAN		20979	23732	23847	24053	24641	25423	26444	27297	
FEDERAL, MILITARY		13912	12605	13963	16164	15605	15197	15907	16125	
STATE & LOCAL		110305	176918	182048	189714	196369	201251	209349	214285	
TOTAL	668949	1146175	1970255	2115430	2153428	2067450	2124771	2136572	2065521	2041856
EARNINGS BY PLACE OF WORK ($000)										
FARM	130863	84401	91471	81367	75622	76296	110586	102276	83168	
AG. SERVICE FOR FISH & OTHER	13808	71179	117294	113387	121062	139418	135248	131197	127080	
TOTAL FARM & AG. SERVICES COMBINED	144671	155580	208765	194754	196684	215714	245834	233473	210248	225602
MINING	749627	890247	2941432	3694008	4004670	3650761	3677544	3618091	3017792	2496637
CONSTRUCTION	1010438	1961235	4445239	4528704	4430014	4100483	3868323	3619181	3277688	2989704
MANUFACTURING	2821797	4486531	7702277	8386384	7907690	6619774	6443806	6288595	5653484	5557128
TRANSPORTATION & PUBLIC UTILITIES	1038458	1703539	3047484	3186113	3244468	3081159	3013705	3076228	3015994	3029924
WHOLESALE TRADE	889063	1623981	3460579	3536707	3534030	3140535	3134769	3200181	2981624	2762377
RETAIL TRADE	1219945	1961329	3194036	3305802	3462623	3495153	3570883	3542138	3337834	3183978
FINANCE, INSURANCE AND REAL ESTATE	519134	1068660	2072782	2142486	2332456	2589342	2699744	2739288	2751903	2652681
SERVICES	1288736	3139162	6605560	7108190	7574530	7722069	8194679	8565353	8489492	9016151
TOTAL GOVERNMENT	897196	2067664	3059305	3219428	3469812	3705236	3855032	4160115	4135496	4178191
FEDERAL, CIVILIAN	180464	522226	567187	583572	578206	601964	626497	660260	632311	
FEDERAL, MILITARY	67154	65315	54194	64078	77405	80898	82334	88196	91125	
STATE & LOCAL	649578	1480123	2437924	2571778	2814201	3022374	3146201	3411659	3412060	
TOTAL EARNINGS FROM INDUSTRY	10579065	19057928	36737459	39302575	40156976	38320226	38704319	39042643	36871555	36092373

All dollar amounts adjusted for inflation to a base year of 1980.

*Net Migration figures for 1970 and 1980 are an annual average of the previous ten year period.

TABLE B6. DEMOGRAPHIC AND SOCIOECONOMIC CONDITIONS FOR COASTAL ANALYSIS AREA W2 (ORIGINAL DATA SET) (CONTINUED).

	1960	1970	1980	1981	1982	1983	1984	1985	1986	1987
INCOME BY PLACE OF RESIDENCE ($000)										
TOTAL PERSONAL INCOME	12154422	22422140	42107643	45233639	46751597	45344000	46152062	47057255	45431983	44803306
NET EARNINGS	10192200	18167376	34478960	36766635	37553142	35836610	36200619	36418645	34446029	33705843
RESIDENTIAL ADJUSTMENT	-123126	-114777	-463823	-507078	-505524	-443510	-443151	-372311	-344657	-334102
DIVIDEND, INTEREST, RENT	1440552	2814735	4702065	5435296	5825620	5702974	6190266	6636474	6716625	4450105
TRANSFER PAYMENTS	521670	1440029	2926618	3031708	3372835	3804416	3761177	4002136	4269329	6647358
PER CAPITA INCOME ($)	6273	8775	11918	12183	11929	11270	11406	11589	11135	11044
LOCAL GOVERNMENT EXPENDITURE BY FUNCTION ($000)* (ONLY COUNTIES/PARISHES WITH 100,000+ POPULATION)										
DIRECT GENERAL EXPENDITURES	1096265	1947424			3538481		4227663	4412312	4845785	
EDUCATION	519637	1018855			1609337		1965646	1932847	2031311	
HIGHWAYS	112396	106216			199567		226588	201074	309531	
PUBLIC WELFARE	5465	8974			14792		11541	11722	14024	
HEALTH & HOSPITALS	41871	101727			215860		252287	273606	311044	
POLICE PROTECTION	46927	92699			186866		222829	256778	275165	
FIRE PROTECTION	29680	63753			103910		112472	112871	130433	
HOUSING	8954	17777			20663		13217	21822	28913	
FINANCIAL ADMINISTRATION	16240	27511			61602		81634	87898	93628	
INTEREST ON GENERAL DEBT	65995	113809			218346		419792	480006	491957	
OTHER	249098	396102			907540		921657	1033688	1159779	
GENERAL DEBT OUTSTANDING	2111461	3044151			5246860		7468210	8832610	9335734	
LOCAL GOVERNMENT REVENUE BY SOURCE ($000)* (ONLY COUNTIES/PARISHES WITH 100,000+ POPULATION)										
GENERAL REVENUE TOTAL (EXCLUDING INTERLOCAL	1005972	1903827			3648970		4328419	4819834	5124236	
INTERGOVERMENTAL REVENUE	201960	484963			1011340		1059681	1157141	1160128	
FROM STATE	195612	427342			839186		912105	1003158	1025133	
FROM FEDERAL	6347	57620			172153		147576	153983	134995	
FROM LOCAL	804012	1418864			2637630		3268738	3662693	3964108	
TAXES	596423	1055110			1773262		2101032	2281872	2545473	
PROPERTY	567414	928776			1517087		1795134	1967336	2216719	
OTHER	28999	126333			256173		305898	314536	328754	
CHARGES & MISCELLANEOUS	207593	363758			864369		1167706	1380821	1418635	

All dollar amounts adjusted for inflation to a base year of 1980.

*Local Government Expenditure & Revenue figures for 1960, 1970 and 1980 are from 1962, 1972 and 1982 Census of Governments data respectively. Data for 1984, 1985 and 1986 are from the U.S. Bureau of Census, Local Government Finances in Major County Areas.

TABLE B7. DEMOGRAPHIC AND SOCIO ECONOMIC CONDITIONS FOR ALL CENTRAL (C1-C4) AND WESTERN (W1-W2) COASTAL ANALYSIS AREAS (ORIGINAL DATA SET).

	1960	1970	1980	1981	1982	1983	1984	1985	1986	1987
NUMBER OF INHABITANTS										
POPULATION	4840765	5846777	7477124	7754400	8065600	8233600	8273000	8316100	8369000	8320600
NET MIGRATION*		17928	88758	157986	208322	63972	-60978	-55753	-43219	
DATA BY MAJOR INDUSTRY										
NUMBER OF JOBS(FULL/PART-TIME)										
FARM		51682	46428	45084	44460	45178	43799	41871	38622	
AG. SERVICE FOR FISH & OTHER		16932	27295	28268	28635	30065	30867	31471	30849	
TOTAL FARM & AG. SERVICES COMBINED	66184	68614	73723	73352	73095	75243	74666	73342	69471	69949
MINING	50028	83543	189262	224885	231768	202761	206140	200074	165403	142098
CONSTRUCTION	125993	188786	358121	367696	354839	326936	323787	309391	283506	260960
MANUFACTURING	308489	378900	523202	563534	520287	437821	431131	420922	389174	379407
TRANSPORTATION & PUBLIC UTILITIES	145851	186479	267189	282465	279164	261469	262349	261383	248244	247156
WHOLESALE TRADE	71559	151936	245176	256531	250394	231468	232808	233049	218117	204769
RETAIL TRADE	267973	387230	614841	643541	661193	661247	697504	702509	688484	677353
FINANCE, INSURANCE AND REAL ESTATE	68373	128853	242664	256940	272950	284790	298313	306551	310514	312007
SERVICES	313673	503820	823005	877426	924406	938096	985978	1018566	1030211	1054567
TOTAL GOVERNMENT	144676	406277	547356	551467	569286	576911	585683	598769	605792	609413
FEDERAL, CIVILIAN		56615	65906	63444	63593	65238	67076	69118	70563	
FEDERAL, MILITARY		66736	58650	61164	67335	63086	61280	62189	64574	
STATE & LOCAL		282926	422800	426859	438358	448587	457327	467462	470655	
TOTAL	1562799	2484438	3884539	4403182	4137382	3996742	4098359	4124556	4008916	3957679
EARNINGS BY PLACE OF WORK ($000)										
FARM	493745	364925	245143	315081	266796	296735	320560	313450	273220	
AG. SERVICE FOR FISH & OTHER	103540	204398	342902	261391	256173	304917	257976	304800	293663	
TOTAL FARM & AG. SERVICES COMBINED	597285	569323	588045	576472	522969	601655	578538	618250	566884	660515
MINING	1547112	1956012	5214618	6336726	6636531	5921507	5951299	5928542	4808878	3970677
CONSTRUCTION	1916453	3645736	7706643	7766000	7506497	6840923	6426758	5999027	5402204	4934253
MANUFACTURING	5004851	7889090	12732943	13729367	12905354	11041036	10779238	10534937	9722300	9570962
TRANSPORTATION & PUBLIC UTILITIES	2266067	3598306	5955413	6161213	6090701	5765280	5713277	5800126	5541798	5418661
WHOLESALE TRADE	1660847	2895013	5483426	5581720	5502068	4934123	4938717	4992494	4632969	4323829
RETAIL TRADE	2654914	4104100	6163424	6296489	6434599	6530599	6672162	6634949	6336779	6041660
FINANCE, INSURANCE AND REAL ESTATE	1094666	1956917	3340266	3417762	3628851	3983890	4135141	4238906	4308759	4154829
SERVICES	2858179	6119613	11660208	12450220	13208758	13517312	14325520	14912219	14854560	15717813
TOTAL GOVERNMENT	2939734	5312517	7270524	7507703	7944767	8267051	8486029	8962551	8927164	8958107
FEDERAL, CIVILIAN	815777	1239233	1384399	1393484	1382757	1440432	1484810	1561876	1506674	
FEDERAL, MILITARY	565366	549016	473789	520359	566841	552485	550273	570425	596264	
STATE & LOCAL	1558591	3524267	5412336	5593860	5995169	6274132	6450950	6830251	6824223	
TOTAL EARNINGS FROM INDUSTRY	22540108	38046627	66115510	69823672	70381095	67403376	68006679	68622001	65102295	63751306

All dollar amounts adjusted for inflation to a base year of 1980.

*Net Migration figures for 1970 and 1980 are an annual average of the previous ten year period.

TABLE B7. DEMOGRAPHIC AND SOCIO ECONOMIC CONDITIONS FOR ALL CENTRAL (C1-C4) AND WESTERN (W1-W2) COASTAL ANALYSIS AREAS (ORIGINAL DATA SET) (CONTINUED).

	1960	1970	1980	1981	1982	1983	1984	1985	1986	1987
INCOME BY PLACE OF RESIDENCE ($000)										
TOTAL PERSONAL INCOME	26482448	45152895	77779763	82600488	84367827	82738053	84014674	85529777	83237690	82328665
NET EARNINGS	21745182	36125268	61527678	64732176	65196053	62625425	63226108	63621727	60518304	59247977
RESIDENTIAL ADJUSTMENT	-241935	-369151	-1342619	-1451653	-1413289	-1165184	-1113798	-1051229	-869895	-850937
DIVIDEND, INTEREST, RENT	3288815	5333804	8852803	10250811	10874388	10901932	11676436	12251763	12533009	10338274
TRANSFER PAYMENTS	1448450	3693822	7399282	7617501	8297387	9210696	9112130	9656288	10186377	12742414
PER CAPITA INCOME ($0)	5471	7723	10402	10652	10460	10049	10155	10285	9946	9895
LOCAL GOVERNMENT EXPENDITURE BY FUNCTION ($000) (ONLY COUNTIES/PARISHES WITH 100,000+ POPULATION)										
DIRECT GENERAL EXPENDITURES	2153944	3853002			6173812		7136723	7482649	8050223	
EDUCATION	924152	1883723			2691693		3069077	3095610	3290467	
HIGHWAYS	213256	229413			341923		395187	396013	479041	
PUBLIC WELFARE	9176	17141			27871		24521	25507	28904	
HEALTH & HOSPITALS	97588	248283			453510		537290	582484	581450	
POLICE PROTECTION	96935	195658			341904		386917	433269	460600	
FIRE PROTECTION	61809	118808			175376		190195	194025	213542	
HOUSING	53017	66108			92062		55715	107172	101946	
FINANCIAL ADMINISTRATION	29586	52678			106238		131336	148447	148551	
INTEREST ON GENERAL DEBT	137793	232469			394864		664737	750581	785393	
OTHER	530633	808719			1548370		1681748	1749541	1960329	
GENERAL DEBT OUTSTANDING	4351091	6035409			8623769		11926687	13117101	14148791	
LOCAL GOVERNMENT REVENUE BY SOURCE ($000) (ONLY COUNTIES/PARISHES WITH 100,000+ POPULATION)										
GENERAL REVENUE TOTAL (EXCLUDING INTERLOCAL	1987758	3793615			6441576		7494286	8102165	8466986	
INTERGOVERMENTAL REVENUE	556548	1208248			2089454		2109406	2280705	2294414	
FROM STATE	520619	1003248			1670990		1727460	1912128	1956877	
FROM FEDERAL	35931	204999			418463		381946	368577	337540	
FROM LOCAL	1431211	2585364			4352121		5384880	5821461	6172569	
TAXES	1003670	1826774			2716101		3221965	3453960	3734443	
PROPERTY	861255	1380600			1937943		2308151	2507670	2794754	
OTHER	142407	446180			778156		913814	946291	939686	
CHARGES & MISCELLANEOUS	427549	758594			1636021		2162916	2367501	2438127	

All dollar amounts adjusted for inflation to a base year of 1980.

*Local Government Expenditure & Revenue figures for 1960, 1970 and 1982 are from 1962, 1972 and 1982 Census of Governments data respectively. Data for 1984, 1985 and 1986 are from The U.S. Bureau of Census, Local Government Finances in Major County Areas.

TABLE B8. PERCENT CHANGE IN CONDITIONS FOR COASTAL AREA C1 (ORIGINAL DATA SET).

	1960 TO 1970*	1970 TO 1980*	1980 TO 1981	1981 TO 1982	1982 TO 1983	1983 TO 1984	1984 TO 1985	1985 TO 1986	1986 TO 1987	1982 TO 1986
NUMBER OF INHABITANTS										
POPULATION	1.11%	2.06%	3.38%	3.33%	1.60%	-0.23%	0.40%	-0.06%	-1.64%	1.71%
DATA BY MAJOR INDUSTRY										
NUMBER OF JOBS(FULL/PART-TIME)										
FARM		-2.27%	-2.07%	-3.32%	1.05%	-3.86%	-2.34%	-1.77%		-6.81%
AG. SERVICE FOR FISH & OTHER		3.77%	-1.98%	8.73%	-1.53%	-0.88%	9.86%	-2.29%		4.78%
TOTAL FARM & AG. SERVICES COMBINED	1.42%	-1.59%	-2.06%	-1.08%	0.53%	-3.27%	0.15%	-1.89%	-1.99%	-4.45%
MINING	5.60%	14.45%	18.84%	0.83%	-13.15%	1.61%	1.63%	-26.76%	-15.08%	-34.31%
CONSTRUCTION	2.96%	10.53%	1.11%	-14.27%	-13.96%	-12.86%	2.44%	-4.41%	-13.28%	-26.58%
MANUFACTURING	0.76%	5.95%	10.74%	-11.28%	-15.06%	-3.91%	-3.89%	-1.02%	6.33%	-22.35%
TRANSPORTATION & PUBLIC UTILITIES	1.41%	7.98%	11.29%	5.75%	-10.51%	1.22%	0.15%	-9.48%	-7.64%	-17.90%
WHOLESALE TRADE	5.64%	16.77%	6.67%	-4.96%	-11.28%	-1.05%	-6.37%	-12.73%	-5.97%	-28.26%
RETAIL TRADE	2.75%	6.55%	6.59%	0.38%	1.49%	-0.33%	0.78%	-4.53%	-1.90%	-2.68%
FINANCE, INSURANCE AND REAL ESTATE	3.86%	13.57%	9.46%	6.26%	3.74%	2.11%	4.20%	0.88%	-4.42%	11.35%
SERVICES	3.90%	6.24%	9.57%	7.78%	-1.32%	3.28%	1.78%	-1.30%	-2.30%	2.39%
TOTAL GOVERNMENT	18.63%	2.27%	1.96%	3.75%	0.52%	-0.57%	0.49%	-0.13%	-2.37%	0.31%
FEDERAL, CIVILIAN		2.59%	1.81%	5.39%	3.73%	1.45%	3.03%	1.22%		9.75%
FEDERAL, MILITARY		-1.57%	-5.54%	28.74%	-9.32%	-1.20%	5.04%	0.98%		-4.97%
STATE & LOCAL		2.70%	2.56%	1.86%	1.20%	-0.64%	-0.04%	-0.31%		0.20%
TOTAL	4.18%	6.82%	23.87%	-12.72%	-5.39%	-0.41%	0.55%	-6.03%	-4.13%	-10.97%
EARNINGS BY PLACE OF WORK ($000)										
FARM	-1.54%	-3.21%	-36.42%	-3.30%	-19.16%	-7.37%	-29.64%	-19.53%		-57.60%
AG. SERVICE FOR FISH & OTHER	4.51%	2.37%	-18.22%	7.72%	1.45%	-15.80%	17.53%	-2.44%		-2.04%
TOTAL FARM & AG. SERVICES COMBINED	-0.89%	-2.25%	-31.43%	0.31%	-11.93%	-10.77%	-11.63%	-10.85%	-0.10%	-38.09%
MINING	3.59%	18.60%	24.97%	2.06%	-15.06%	-1.10%	2.90%	-28.21%	-20.36%	-37.94%
CONSTRUCTION	9.96%	13.39%	-0.05%	-20.07%	-10.90%	-21.80%	-5.76%	-4.95%	-15.13%	-37.59%
MANUFACTURING	3.12%	9.47%	10.48%	-11.70%	-15.36%	-5.32%	-4.94%	-2.24%	7.34%	-25.53%
TRANSPORTATION & PUBLIC UTILITIES	5.33%	10.49%	11.14%	6.63%	-10.60%	1.18%	-1.07%	-11.71%	-7.16%	-21.00%
WHOLESALE TRADE	6.88%	19.81%	6.72%	-5.11%	-14.37%	-3.31%	-5.83%	-14.72%	-8.25%	-33.51%
RETAIL TRADE	5.78%	5.55%	4.49%	-1.16%	0.58%	-2.89%	-1.43%	-8.26%	-5.24%	-11.67%
FINANCE, INSURANCE AND REAL ESTATE	3.25%	9.58%	5.73%	7.20%	6.38%	-1.02%	2.89%	0.29%	-11.27%	8.65%
SERVICES	8.79%	13.63%	12.80%	5.06%	-0.78%	4.82%	2.65%	-4.51%	0.89%	1.94%
TOTAL GOVERNMENT	2.38%	3.37%	6.73%	6.37%	2.92%	-1.26%	1.34%	-1.20%	-2.41%	1.75%
FEDERAL, CIVILIAN	3.12%	2.84%	3.27%	-0.01%	4.08%	-0.08%	4.77%	-3.01%		5.69%
FEDERAL, MILITARY	-9.16%	-0.20%	10.32%	32.47%	-2.99%	-2.35%	5.69%	4.16%		4.29%
STATE & LOCAL	11.25%	3.55%	7.05%	6.47%	2.97%	-1.35%	0.85%	-1.15%		1.27%
TOTAL EARNINGS FROM INDUSTRY	4.61%	10.38%	10.07%	-1.95%	-7.86%	-2.52%	-0.38%	-9.98%	-5.42%	-19.45%

All dollar amounts adjusted for inflation to a base year of 1980.

*Average annual percent change over the 10 year period.

TABLE B8. PERCENT CHANGE IN CONDITIONS FOR COASTAL AREA C1 (ORIGINAL DATA SET) (CONTINUED).

	1960 TO 1970*	1970 TO 1980*	1980 TO 1981	1981 TO 1982	1982 TO 1983	1983 TO 1984	1984 TO 1985	1985 TO 1986	1986 TO 1987	1982 TO 1986
INCOME BY PLACE OF RESIDENCE ($000)										
TOTAL PERSONAL INCOME	5.13%	8.77%	8.82%	1.04%	-3.31%	-1.86%	0.92%	-5.22%	-3.32%	-9.23%
NET EARNINGS	4.39%	8.54%	8.36%	-1.76%	-7.35%	-2.13%	-0.57%	-8.33%	-5.56%	-17.35%
RESIDENTIAL ADJUSTMENT	-1.23%	-204.47%	-22.47%	6.97%	10.78%	7.24%	1.93%	28.60%	3.20%	42.04%
DIVIDEND, INTEREST, RENT	5.60%	10.77%	18.27%	9.43%	3.32%	1.99%	6.00%	-0.97%	-1.84%	10.62%
TRANSFER PAYMENTS	13.69%	8.47%	1.56%	12.53%	16.61%	-4.73%	3.30%	6.62%	5.68%	22.37%
PER CAPITA INCOME ($)	3.63%	5.56%	5.27%	-2.21%	-4.83%	-1.63%	0.52%	-5.16%	-1.71%	-10.76%
LOCAL GOVERNMENT EXPENDITURE BY FUNCTION ($000) (ONLY COUNTIES/PARISHES WITH 100,000+ POPULATION)										
DIRECT GENERAL EXPENDITURES	7.37%						4.51%	-3.53%		3.95%
EDUCATION	8.70%						-1.21%	10.76%		-13.91%
HIGHWAYS	1.20%						1.53%	-1.35%		1.86%
PUBLIC WELFARE	40.23%						-3.06%	-7.05%		-18.67%
HEALTH & HOSPITALS	8.35%						140.57%	-70.17%		1.43%
POLICE PROTECTION	14.67%						21.55%	-2.12%		46.31%
FIRE PROTECTION	12.22%						-3.06%	17.73%		27.70%
HOUSING	96.50%						-11.64%	-12.65%		-50.90%
FINANCIAL ADMINISTRATION	6.36%						18.20%	-1.40%		29.90%
INTEREST ON GENERAL DEBT	6.72%						-1.15%	-1.04%		39.13%
OTHER	4.42%						-15.52%	9.26%		22.56%
GENERAL DEBT OUTSTANDING	8.20%						2.83%	-8.67%		0.61%
LOCAL GOVERNMENT REVENUE BY SOURCE ($000) (ONLY COUNTIES/PARISHES WITH 100,000+ POPULATION)										
GENERAL REVENUE TOTAL (EXCLUDING INTERLOCAL	9.95%						10.14%	-5.87%		4.17%
INTERGOVERMENTAL REVENUE	9.35%						-1.98%	4.17%		-13.03%
FROM STATE	9.04%						2.51%	5.33%		-3.18%
FROM FEDERAL	19.87%						-25.14%	-4.03%		-51.37%
FROM LOCAL	10.42%						15.95%	-9.94%		14.83%
TAXES	10.77%						5.04%	9.65%		11.32%
PROPERTY	4.86%						3.28%	14.90%		45.70%
OTHER	48.56%						6.62%	5.10%		-8.97%
CHARGES & MISCELLANEOUS	9.67%						25.93%	-24.89%		19.01%

All dollar amounts adjusted for inflation to a base year of 1980.

*Average annual percent change over the 10 year period.

TABLE B9. PERCENT CHANGE IN CONDITIONS FOR COASTAL AREA C2 (ORIGINAL DATA SET) (CONTINUED).

	1960 TO 1970*	1970 TO 1980*	1980 TO 1981	1981 TO 1982	1982 TO 1983	1983 TO 1984	1984 TO 1985	1985 TO 1986	1986 TO 1987	1982 TO 1986
INCOME BY PLACE OF RESIDENCE ($000)										
TOTAL PERSONAL INCOME	7.03%	7.96%	4.11%	0.11%	-0.83%	1.16%	0.89%	-4.35%	-0.91%	-3.19%
NET EARNINGS	7.06%	7.61%	2.52%	-1.85%	-3.65%	0.77%	-0.50%	-6.75%	-2.21%	-9.92%
RESIDENTIAL ADJUSTMENT	88.62%	-22.10%	61.82%	-20.63%	376.76%	59.15%	-0.26%	18.97%	11.93%	622.63%
DIVIDEND, INTEREST, RENT	3.50%	8.67%	17.85%	5.40%	4.77%	5.66%	4.64%	-0.53%	-0.11%	15.21%
TRANSFER PAYMENTS	12.94%	10.41%	3.13%	9.69%	13.10%	-1.10%	5.46%	5.56%	4.96%	24.52%
PER CAPITA INCOME ($)	3.60%	4.23%	0.78%	-2.27%	-2.56%	0.54%	0.10%	-4.33%	0.18%	-6.18%
LOCAL GOVERNMENT EXPENDITURE BY FUNCTION ($000) (ONLY COUNTIES/PARISHES WITH 100,000+ POPULATION)										
DIRECT GENERAL EXPENDITURES	9.63%						7.41%	2.77%		5.19%
EDUCATION	15.24%						7.88%	1.91%		-2.08%
HIGHWAYS	9.06%						41.10%	-54.30%		12.56%
PUBLIC WELFARE	3.27%						-26.93%	-32.92%		-68.05%
HEALTH & HOSPITALS	26.81%						-14.42%	10.95%		-17.08%
POLICE PROTECTION	9.46%						-10.64%	-0.85%		-10.54%
FIRE PROTECTION	6.31%						9.72%	-6.40%		13.26%
HOUSING	647.50%						87.33%	-44.08%		-44.49%
FINANCIAL ADMINISTRATION	12.71%						7.34%	1.96%		5.42%
INTEREST ON GENERAL DEBT	8.30%						-5.81%	-0.40%		4.69%
OTHER	-0.09%						9.83%	31.65%		28.40%
GENERAL DEBT OUTSTANDING	9.53%						-0.58%	-1.07%		-3.06%
LOCAL GOVERNMENT REVENUE BY SOURCE ($000) (ONLY COUNTIES/PARISHES WITH 100,000+ POPULATION)										
GENERAL REVENUE TOTAL (EXCLUDING INTERLOCAL	13.23%						-15.86%	5.49%		6.72%
INTERGOVERMENTAL REVENUE	10.84%						3.50%	2.13%		-10.61%
FROM STATE	6.56%						4.19%	0.16%		-8.03%
FROM FEDERAL	135.55%						0.64%	10.52%		-19.31%
FROM LOCAL	15.12%						-23.72%	7.34%		18.80%
TAXES	16.61%						6.74%	4.13%		21.88%
PROPERTY	9.78%						3.82%	12.07%		28.49%
OTHER	31.50%						8.02%	0.79%		19.01%
CHARGES & MISCELLANEOUS	9.91%						-49.79%	13.18%		13.98%

All dollar amounts adjusted for inflation to a base year of 1980.

*Average annual percent change over the 10 year period.

TABLE B9. PERCENT CHANGE IN CONDITIONS FOR COASTAL AREA C2 (ORIGINAL DATA SET).

	1960 TO 1970*	1970 TO 1980*	1980 TO 1981	1981 TO 1982	1982 TO 1983	1983 TO 1984	1984 TO 1985	1985 TO 1986	1986 TO 1987	1982 TO 1986
NUMBER OF INHABITANTS										
POPULATION	2.52%	2.62%	3.31%	2.44%	1.77%	0.62%	0.79%	-0.02%	-1.10%	3.19%
DATA BY MAJOR INDUSTRY										
NUMBER OF JOBS(FULL/PART-TIME)										
FARM		-2.86%	-2.46%	-2.47%	-1.25%	-5.04%	-4.33%	-3.55%		-13.47%
AG. SERVICE FOR FISH & OTHER		5.17%	-1.21%	-5.93%	1.15%	-4.55%	5.49%	-2.95%		-1.15%
TOTAL FARM & AG. SERVICES COMBINED	0.92%	-1.03%	-1.98%	-3.82%	-0.33%	-4.85%	-0.52%	-3.30%	-3.71%	-8.78%
MINING	1.70%	10.54%	0.23%	-9.56%	-19.34%	-1.43%	1.65%	-20.12%	-10.60%	-35.44%
CONSTRUCTION	4.58%	12.05%	-1.60%	-11.24%	-7.44%	6.64%	-5.41%	-13.14%	-4.09%	-18.91%
MANUFACTURING	1.44%	3.87%	9.53%	-5.76%	-14.72%	-3.32%	-3.93%	-7.65%	-3.16%	-26.85%
TRANSPORTATION & PUBLIC UTILITIES	4.30%	7.18%	6.34%	-2.08%	-5.97%	1.54%	1.66%	-11.93%	-5.88%	-14.51%
WHOLESALE TRADE	15.75%	6.94%	3.63%	-2.48%	-6.18%	0.63%	-0.88%	-8.47%	-2.51%	-14.35%
RETAIL TRADE	4.50%	6.72%	4.48%	2.57%	3.12%	5.74%	-0.10%	-2.70%	-2.90%	5.99%
FINANCE, INSURANCE AND REAL ESTATE	9.27%	12.18%	6.86%	2.81%	2.32%	6.33%	5.57%	1.35%	-0.31%	16.39%
SERVICES	5.06%	6.75%	5.73%	5.23%	1.31%	2.64%	2.54%	1.89%	1.57%	8.65%
TOTAL GOVERNMENT	17.15%	4.60%	-2.70%	8.03%	0.25%	1.43%	0.76%	-0.10%	0.49%	2.35%
FEDERAL, CIVILIAN		2.25%	-1.92%	-0.26%	3.65%	4.61%	8.19%	0.51%		17.92%
FEDERAL, MILITARY		-1.12%	-6.39%	27.99%	-9.31%	0.65%	6.24%	0.96%		-2.10%
STATE & LOCAL		5.28%	-2.52%	7.28%	0.74%	1.34%	0.13%	-0.19%		2.03%
TOTAL	5.55%	6.45%	22.74%	-16.01%	-3.31%	2.39%	0.15%	-4.09%	-1.64%	-4.90%
EARNINGS BY PLACE OF WORK ($000)										
FARM	2.63%	-4.72%	7.08%	11.02%	-25.07%	-26.97%	4.30%	98.95%		13.54%
AG. SERVICE FOR FISH & OTHER	6.02%	4.16%	-39.32%	-8.78%	25.89%	-30.20%	49.62%	-4.47%		25.60%
TOTAL FARM & AG. SERVICES COMBINED	3.52%	-1.96%	-18.32%	2.97%	-6.71%	-28.54%	25.81%	40.56%	-12.41%	17.89%
MINING	4.01%	13.30%	0.43%	-5.69%	-18.31%	-5.14%	2.37%	-21.08%	-15.40%	-37.39%
CONSTRUCTION	7.36%	13.41%	-4.20%	-11.79%	-12.30%	-1.19%	-5.14%	-17.47%	-4.26%	-32.16%
MANUFACTURING	4.56%	6.75%	9.38%	-4.10%	-11.94%	-3.35%	-3.77%	-8.25%	-4.06%	-24.85%
TRANSPORTATION & PUBLIC UTILITIES	8.77%	9.41%	3.50%	-0.78%	-4.45%	-0.37%	1.03%	-12.35%	-6.42%	-15.71%
WHOLESALE TRADE	7.69%	8.48%	-1.18%	-1.94%	-8.88%	0.82%	-0.96%	-10.91%	-4.18%	-18.94%
RETAIL TRADE	4.08%	6.25%	0.48%	-0.34%	2.60%	1.50%	-1.13%	-6.56%	-6.09%	-3.78%
FINANCE, INSURANCE AND REAL ESTATE	8.17%	8.27%	2.99%	2.96%	7.36%	3.84%	5.08%	0.77%	-5.59%	18.05%
SERVICES	9.90%	10.24%	4.93%	5.24%	-0.26%	4.75%	1.72%	-1.52%	6.10%	4.67%
TOTAL GOVERNMENT	13.16%	5.72%	-0.40%	6.63%	-0.51%	0.84%	2.17%	-1.96%	-0.58%	0.51%
FEDERAL, CIVILIAN	11.37%	2.37%	0.23%	-1.91%	4.83%	6.04%	7.04%	-3.38%		14.97%
FEDERAL, MILITARY	-0.36%	0.67%	2.70%	33.68%	-1.32%	1.50%	9.21%	4.21%		13.99%
STATE & LOCAL	14.11%	6.13%	-0.49%	6.79%	-0.82%	0.49%	1.70%	-1.99%		-0.66%
TOTAL EARNINGS FROM INDUSTRY	6.99%	8.37%	2.07%	-1.47%	-6.05%	-0.15%	-0.22%	-7.40%	-2.74%	-13.32%

All dollar amounts adjusted for inflation to a base year of 1980.

*Average annual percent change over the 10 year period.

TABLE B10. PERCENT CHANGE IN CONDITIONS FOR COASTAL AREA C3 (ORIGINAL DATA SET).

	1960 TO 1970*	1970 TO 1980*	1980 TO 1981	1981 TO 1982	1982 TO 1983	1983 TO 1984	1984 TO 1985	1985 TO 1986	1986 TO 1987	1982 TO 1986
NUMBER OF INHABITANTS										
POPULATION	1.52%	1.33%	1.78%	1.62%	1.04%	0.15%	0.28%	0.16%	-1.03%	1.63%
DATA BY MAJOR INDUSTRY										
NUMBER OF JOBS(FULL/PART-TIME)										
FARM		4.16%	-0.60%	-1.21%	0.82%	-3.93%	-2.75%	-2.03%		-7.72%
AG. SERVICE FOR FISH & OTHER		5.15%	4.78%	0.67%	2.81%	-0.24%	5.58%	2.17%		10.64%
TOTAL FARM & AG. SERVICES COMBINED	-1.29%	4.76%	2.86%	0.02%	2.13%	-1.48%	2.86%	0.87%	-0.02%	4.41%
MINING	15.69%	3.51%	9.95%	0.92%	-8.18%	1.97%	-1.27%	-14.52%	-9.88%	-20.98%
CONSTRUCTION	2.89%	4.57%	1.05%	-1.95%	-2.84%	2.25%	-13.45%	-7.72%	-9.16%	-20.65%
MANUFACTURING	0.96%	0.14%	-0.17%	-9.43%	-12.66%	-4.01%	-2.09%	-5.64%	-4.26%	-22.54%
TRANSPORTATION & PUBLIC UTILITIES	2.96%	1.89%	4.43%	-7.87%	-7.41%	-1.67%	-4.17%	-6.03%	-1.26%	-18.01%
WHOLESALE TRADE	10.59%	2.34%	2.43%	-5.38%	-6.17%	-0.94%	-0.91%	-4.80%	-5.44%	-12.32%
RETAIL TRADE	3.85%	3.97%	1.77%	0.69%	0.90%	7.98%	-0.74%	0.07%	-0.95%	8.22%
FINANCE, INSURANCE AND REAL ESTATE	7.03%	4.73%	3.72%	3.35%	1.73%	4.44%	2.37%	2.95%	1.64%	11.99%
SERVICES	5.91%	4.00%	3.81%	4.58%	1.68%	5.25%	1.57%	1.16%	0.36%	9.96%
TOTAL GOVERNMENT	19.55%	2.83%	-0.60%	1.42%	0.91%	0.65%	1.32%	-2.21%	-1.92%	0.62%
FEDERAL, CIVILIAN		3.20%	-10.76%	-3.16%	0.03%	0.92%	1.46%	0.75%		3.18%
FEDERAL, MILITARY		-0.34%	-2.22%	14.08%	-7.06%	-1.02%	4.11%	1.46%		-2.81%
STATE & LOCAL		3.31%	2.15%	0.80%	2.24%	0.81%	0.93%	-3.31%		0.58%
TOTAL	5.78%	3.08%	18.98%	-14.22%	-1.76%	2.91%	-0.74%	-1.94%	-1.75%	-1.59%
EARNINGS BY PLACE OF WORK ($000)										
FARM	-4.54%	-0.60%	-3.80%	-5.36%	37.83%	-8.69%	17.24%	21.76%		79.64%
AG. SERVICE FOR FISH & OTHER	12.12%	8.19%	-37.54%	-5.97%	27.64%	-22.24%	48.22%	2.70%		51.10%
TOTAL FARM & AG. SERVICES COMBINED	1.46%	5.51%	-31.30%	-5.81%	30.29%	-18.51%	38.67%	7.66%	2.32%	58.52%
MINING	5.83%	5.60%	15.58%	1.22%	-8.46%	2.41%	2.42%	-17.56%	-12.63%	-20.84%
CONSTRUCTION	8.58%	6.25%	-0.85%	-1.13%	-2.21%	-0.91%	-18.48%	-8.83%	-11.83%	-27.98%
MANUFACTURING	5.52%	1.76%	2.15%	-9.97%	-13.52%	-3.90%	-1.72%	-5.84%	-5.93%	-23.09%
TRANSPORTATION & PUBLIC UTILITIES	4.59%	4.06%	0.92%	-6.42%	-5.24%	-3.74%	-4.01%	-5.81%	-3.88%	-17.53%
WHOLESALE TRADE	6.30%	3.14%	2.20%	-5.51%	-8.29%	0.12%	-1.12%	-5.49%	-5.10%	-14.19%
RETAIL TRADE	5.04%	2.76%	-0.96%	-1.19%	3.62%	4.59%	-2.72%	-0.57%	-3.89%	4.83%
FINANCE, INSURANCE AND REAL ESTATE	4.63%	2.56%	0.39%	1.05%	7.42%	3.80%	2.35%	5.28%	-2.44%	20.16%
SERVICES	8.78%	5.38%	5.36%	7.03%	4.99%	6.53%	2.17%	0.30%	4.47%	14.61%
TOTAL GOVERNMENT	7.49%	2.95%	2.01%	4.30%	1.42%	1.51%	1.57%	-2.14%	-0.89%	2.33%
FEDERAL, CIVILIAN	4.54%	2.20%	-3.42%	-2.15%	2.17%	0.41%	2.70%	-3.31%		1.87%
FEDERAL, MILITARY	-1.83%	2.58%	11.68%	11.11%	-4.29%	3.95%	3.71%	2.74%		6.01%
STATE & LOCAL	11.56%	3.31%	3.31%	6.04%	1.72%	1.67%	1.00%	-2.21%		2.14%
TOTAL EARNINGS FROM INDUSTRY	6.29%	3.76%	2.76%	-0.57%	-1.51%	1.71%	-1.20%	-3.49%	-2.43%	-4.49%

All dollar amounts adjusted for inflation to a base year of 1980.

*Average annual percent change over the 10 year period.

TABLE B10. PERCENT CHANGE IN CONDITIONS FOR COASTAL AREA C3 (ORIGINAL DATA SET) (CONTINUED).

	1960 TO 1970*	1970 TO 1980*	1980 TO 1981	1981 TO 1982	1982 TO 1983	1983 TO 1984	1984 TO 1985	1985 TO 1986	1986 TO 1987	1982 TO 1986
INCOME BY PLACE OF RESIDENCE ($000)										
TOTAL PERSONAL INCOME	5.75%	4.10%	3.45%	0.80%	0.49%	1.36%	0.73%	-1.52%	-1.77%	1.04%
NET EARNINGS	5.65%	3.49%	1.74%	-0.47%	-1.46%	0.94%	-1.36%	-3.32%	-2.83%	-5.14%
RESIDENTIAL ADJUSTMENT	-30.61%	-7.27%	-15.54%	7.96%	-1.35%	-14.36%	3.58%	7.83%	-5.15%	-3.00%
DIVIDEND, INTEREST, RENT	2.97%	4.61%	15.49%	2.36%	4.48%	5.55%	4.85%	0.71%	-0.43%	16.44%
TRANSFER PAYMENTS	13.18%	8.48%	2.03%	6.74%	7.14%	-0.84%	7.12%	4.79%	1.54%	19.25%
PER CAPITA INCOME ($)	3.68%	2.45%	1.64%	-0.80%	-0.54%	1.20%	0.44%	-1.67%	-0.75%	-0.58%
LOCAL GOVERNMENT EXPENDITURE BY FUNCTION ($000) (ONLY COUNTIES/PARISHES WITH 100,000+ POPULATION)										
DIRECT GENERAL EXPENDITURES	7.70%						5.37%	0.96%		17.13%
EDUCATION	13.98%						5.58%	2.39%		8.11%
HIGHWAYS	5.01%						8.86%	-18.60%		18.88%
PUBLIC WELFARE	45.89%						9.57%	11.26%		24.42%
HEALTH & HOSPITALS	34.03%						-0.60%	-3.33%		14.60%
POLICE PROTECTION	11.96%						10.48%	7.23%		23.09%
FIRE PROTECTION	6.87%						7.61%	-1.82%		19.53%
HOUSING	-8.98%						479.64%	-17.70%		-0.53%
FINANCIAL ADMINISTRATION	11.36%						42.30%	-23.29%		35.79%
INTEREST ON GENERAL DEBT	7.03%						3.61%	-2.27%		34.33%
OTHER	3.19%						-5.57%	8.57%		24.59%
GENERAL DEBT OUTSTANDING	2.50%						2.58%	17.45%		41.19%
LOCAL GOVERNMENT REVENUE BY SOURCE ($000) (ONLY COUNTIES/PARISHES WITH 100,000+ POPULATION)										
GENERAL REVENUE TOTAL (EXCLUDING INTERLOCAL	9.18%						2.83%	-2.16%		13.32%
INTERGOVERMENTAL REVENUE	9.57%						1.53%	-5.95%		-8.57%
FROM STATE	8.46%						5.86%	-4.39%		-3.37%
FROM FEDERAL	22.09%						-9.42%	-10.55%		-21.83%
FROM LOCAL	8.95%						3.40%	-0.56%		25.35%
TAXES	10.04%						0.27%	-4.38%		23.75%
PROPERTY	5.06%						0.69%	4.26%		31.70%
OTHER	18.57%						0.07%	-8.63%		19.70%
CHARGES & MISCELLANEOUS	7.05%						8.03%	4.70%		27.43%

All dollar amounts adjusted for inflation to a base year of 1980.

*Average annual percent change over the 10 year period.

TABLE B11. PERCENT CHANGE IN CONDITIONS FOR COASTAL AREA C4 (ORIGINAL DATA SET).

	1960 TO 1970*	1970 TO 1980*	1980 TO 1981	1981 TO 1982	1982 TO 1983	1983 TO 1984	1984 TO 1985	1985 TO 1986	1986 TO 1987	1982 TO 1986
NUMBER OF INHABITANTS										
POPULATION	1.17%	2.06%	1.24%	2.52%	0.88%	0.48%	1.25%	2.50%	0.63%	5.20%
DATA BY MAJOR INDUSTRY										
NUMBER OF JOBS(FULL/PART-TIME)										
FARM		0.46%	-4.27%	-0.83%	0.22%	-3.91%	-4.04%	-12.40%		-19.04%
AG. SERVICE FOR FISH & OTHER		9.14%	-0.63%	-8.37%	7.41%	6.67%	-2.76%	-5.65%		5.13%
TOTAL FARM & AG. SERVICES COMBINED	4.22%	2.74%	-2.83%	-3.87%	2.99%	0.33%	-3.49%	-9.50%	0.73%	-9.75%
MINING	-0.79%	16.73%	15.69%	-8.83%	-8.56%	17.63%	-8.48%	-13.90%	6.12%	-15.25%
CONSTRUCTION	2.36%	5.31%	-0.31%	0.03%	-12.25%	-0.02%	8.36%	-0.41%	-5.10%	-5.32%
MANUFACTURING	4.12%	2.21%	5.18%	-4.46%	-12.68%	2.80%	3.86%	1.87%	1.06%	-5.02%
TRANSPORTATION & PUBLIC UTILITIES	0.58%	2.70%	-2.95%	-1.52%	-1.56%	0.14%	-0.36%	-1.21%	1.55%	-2.96%
WHOLESALE TRADE	7.21%	5.04%	-1.31%	-4.71%	-1.78%	6.24%	1.15%	-1.27%	-0.57%	4.21%
RETAIL TRADE	2.35%	4.76%	0.93%	1.73%	1.11%	7.21%	2.43%	5.95%	-0.25%	17.63%
FINANCE, INSURANCE AND REAL ESTATE	6.11%	7.51%	2.38%	1.32%	6.26%	2.86%	6.17%	4.80%	6.02%	21.62%
SERVICES	3.10%	3.51%	1.91%	3.12%	3.44%	3.78%	6.45%	3.40%	3.35%	18.16%
TOTAL GOVERNMENT	11.24%	2.29%	0.29%	-1.28%	-2.06%	1.89%	0.31%	3.47%	1.75%	3.58%
FEDERAL, CIVILIAN		2.07%	-3.60%	1.48%	2.09%	2.92%	2.28%	3.14%		10.85%
FEDERAL, MILITARY		-0.52%	5.74%	2.46%	-8.50%	-2.66%	-1.73%	9.18%		-4.44%
STATE & LOCAL		4.99%	-1.78%	-4.43%	1.05%	4.37%	0.88%	0.40%		6.81%
TOTAL	4.56%	3.44%	26.98%	-20.69%	-2.43%	3.35%	3.18%	2.57%	1.34%	6.72%
EARNINGS BY PLACE OF WORK ($000)										
FARM	2.48%	-1.19%	28.70%	1.03%	26.04%	-20.62%	16.22%	-6.00%		9.30%
AG. SERVICE FOR FISH & OTHER	0.08%	10.49%	-25.01%	-17.91%	23.23%	-16.36%	24.86%	-7.75%		18.73%
TOTAL FARM & AG. SERVICES COMBINED	1.42%	3.33%	-3.24%	-7.70%	24.89%	-18.89%	19.82%	-6.76%	7.86%	13.16%
MINING	1.01%	40.09%	12.41%	-9.25%	-21.93%	8.64%	-0.94%	-15.35%	-26.81%	-28.88%
CONSTRUCTION	11.95%	4.70%	4.81%	10.03%	-18.23%	-13.50%	11.59%	-5.18%	-3.08%	-25.16%
MANUFACTURING	9.07%	3.64%	5.81%	-3.89%	-9.67%	2.30%	1.42%	2.45%	0.54%	-3.98%
TRANSPORTATION & PUBLIC UTILITIES	3.52%	3.96%	-1.83%	-3.27%	0.09%	-1.98%	-0.44%	-1.22%	1.64%	-3.52%
WHOLESALE TRADE	5.33%	5.40%	-9.52%	-3.67%	-3.75%	9.17%	4.70%	-0.45%	-0.85%	9.52%
RETAIL TRADE	4.58%	3.42%	-3.16%	-0.73%	2.58%	4.74%	3.36%	4.81%	-1.93%	16.40%
FINANCE, INSURANCE AND REAL ESTATE	5.09%	3.95%	-2.51%	-5.90%	9.02%	0.39%	10.35%	7.36%	-0.12%	29.69%
SERVICES	7.28%	4.97%	2.66%	2.28%	3.71%	6.71%	8.96%	6.71%	9.36%	28.69%
TOTAL GOVERNMENT	1.07%	2.36%	1.08%	0.64%	1.23%	3.10%	6.44%	3.75%	0.86%	15.25%
FEDERAL, CIVILIAN	-4.50%	1.88%	-0.56%	-0.77%	4.58%	4.22%	5.45%	-2.65%		11.89%
FEDERAL, MILITARY	2.83%	-0.49%	8.16%	4.13%	-5.34%	0.57%	3.31%	6.82%		5.06%
STATE & LOCAL	13.16%	5.17%	-1.99%	-0.76%	3.72%	4.00%	8.71%	5.28%		23.44%
TOTAL EARNINGS FROM INDUSTRY	5.06%	3.80%	1.47%	-0.62%	-2.81%	1.74%	5.44%	2.75%	1.77%	7.12%

All dollar amounts adjusted for inflation to a base year of 1980.

*Average annual percent changes over the 10 year period.

TABLE B11. PERCENT CHANGE IN CONDITIONS FOR COASTAL AREA C4 (ORIGINAL DATA SET) (CONTINUED).

	1960 TO 1970*	1970 TO 1980*	1980 TO 1981	1981 TO 1982	1982 TO 1983	1983 TO 1984	1984 TO 1985	1985 TO 1986	1986 TO 1987	1982 TO 1986
INCOME BY PLACE OF RESIDENCE ($000)										
TOTAL PERSONAL INCOME	5.76%	4.89%	3.15%	0.42%	-0.46%	2.13%	2.03%	5.12%	2.84%	9.04%
NET EARNINGS	4.82%	3.85%	1.04%	-1.22%	-2.24%	2.02%	4.43%	2.55%	1.80%	6.82%
RESIDENTIAL ADJUSTMENT	-3.67%	17.08%	-3.40%	-109.25%	1661.75%	81.69%	-83.52%	-237.94%	59.11%	-545.02%
DIVIDEND, INTEREST, RENT	6.42%	5.83%	15.66%	3.23%	-1.15%	6.44%	-14.09%	26.90%	6.96%	14.71%
TRANSFER PAYMENTS	15.97%	11.06%	3.89%	5.32%	7.27%	-0.44%	4.84%	1.62%	3.69%	13.78%
PER CAPITA INCOME ($)	4.11%	2.34%	1.88%	-2.05%	-1.33%	1.65%	0.77%	2.56%	2.20%	3.64%
LOCAL GOVERNMENT EXPENDITURE BY FUNCTION ($000) (ONLY COUNTIES/PARISHES WITH 100,000+ POPULATION)										
DIRECT GENERAL EXPENDITURES	7.33%						1.41%	12.20%		31.78%
EDUCATION	7.73%						-0.84%	14.11%		26.80%
HIGHWAYS	-0.88%						46.10%	7.37%		26.50%
PUBLIC WELFARE	1.47%						-28.44%	38.65%		65.43%
HEALTH & HOSPITALS	9.15%						0.11%	-3.55%		32.28%
POLICE PROTECTION	7.79%						3.85%	7.56%		4.85%
FIRE PROTECTION	9.67%						0.24%	6.29%		-1.90%
HOUSING	15.18%						16.46%	-7.77%		61.68%
FINANCIAL ADMINISTRATION	8.60%						7.58%	6.61%		4.31%
INTEREST ON GENERAL DEBT	7.98%						-16.30%	60.42%		183.99%
OTHER	9.58%						1.46%	7.73%		17.98%
GENERAL DEBT OUTSTANDING	2.57%						-23.04%	32.73%		173.79%
LOCAL GOVERNMENT REVENUE BY SOURCE ($000) (ONLY COUNTIES/PARISHES WITH 100,000+ POPULATION)										
GENERAL REVENUE TOTAL (EXCLUDING INTERLOCAL	8.32%						4.44%	12.43%		33.85%
INTERGOVERMENTAL REVENUE	11.95%						-0.73%	7.58%		21.27%
FROM STATE	3.89%						7.16%	10.16%		27.08%
FROM FEDERAL	46.26%						-30.54%	-7.48%		-7.88%
FROM LOCAL	6.57%						7.85%	15.38%		42.19%
TAXES	4.69%						10.31%	7.80%		34.26%
PROPERTY	4.82%						5.64%	6.08%		36.94%
OTHER	4.46%						18.72%	10.57%		30.34%
CHARGES & MISCELLANEOUS	9.81%						5.52%	22.85%		49.87%

All dollar amounts adjusted for inflation to a base year of 1980.

*Average annual percent changes over the 10 year period.

TABLE B12. PERCENT CHANGE IN CONDITIONS FOR COASTAL AREA W1 (ORIGINAL DATA SET).

	1960 TO 1970*	1970 TO 1980*	1980 TO 1981	1981 TO 1982	1982 TO 1983	1983 TO 1984	1984 TO 1985	1985 TO 1986	1986 TO 1987	1982 TO 1986
NUMBER OF INHABITANTS										
POPULATION	0.24%	2.34%	3.46%	4.03%	2.70%	0.84%	0.81%	1.45%	0.06%	5.91%
DATA BY MAJOR INDUSTRY										
NUMBER OF JOBS(FULL/PART-TIME)										
FARM		-2.04%	-5.30%	-2.79%	1.93%	-2.48%	-4.96%	-9.06%		-14.08%
AG. SERVICE FOR FISH & OTHER		6.59%	-9.40%	-0.31%	4.60%	-5.77%	9.58%	-1.46%		6.43%
TOTAL FARM & AG. SERVICES COMBINED	-1.40%	-0.30%	-6.71%	-1.96%	2.84%	-3.61%	-0.05%	-6.25%	4.47%	-7.12%
MINING	2.26%	10.36%	19.58%	1.80%	-13.02%	5.64%	-1.60%	-18.41%	-21.82%	-26.22%
CONSTRUCTION	1.21%	7.65%	9.72%	5.25%	-11.55%	-5.58%	-2.11%	-10.00%	-10.11%	-26.42%
MANUFACTURING	1.25%	5.80%	4.39%	-5.16%	-10.58%	0.20%	-2.82%	-6.28%	-0.51%	-18.40%
TRANSPORTATION & PUBLIC UTILITIES	-0.44%	3.21%	7.26%	1.91%	-7.19%	3.37%	2.00%	-5.46%	-4.39%	-7.48%
WHOLESALE TRADE	4.13%	4.14%	7.35%	0.03%	-6.26%	-3.75%	-1.51%	-10.73%	-8.96%	-20.68%
RETAIL TRADE	2.82%	4.08%	8.13%	1.91%	-1.55%	3.52%	3.59%	-3.07%	-2.65%	2.34%
FINANCE, INSURANCE AND REAL ESTATE	6.65%	7.68%	6.49%	6.47%	2.39%	6.90%	5.57%	2.10%	-1.16%	17.98%
SERVICES	3.97%	4.37%	6.69%	5.02%	4.05%	4.95%	4.91%	1.98%	1.84%	16.82%
TOTAL GOVERNMENT	20.67%	1.85%	-1.28%	1.10%	2.08%	0.97%	1.58%	1.35%	2.00%	6.10%
FEDERAL, CIVILIAN		-0.72%	-2.34%	2.57%	7.94%	4.73%	2.46%	0.52%		16.45%
FEDERAL, MILITARY		-3.74%	4.99%	7.03%	-1.60%	-8.45%	-2.35%	-1.37%		-13.25%
STATE & LOCAL		4.84%	-2.13%	-0.24%	1.64%	1.94%	2.05%	1.96%		7.80%
TOTAL	3.82%	4.00%	5.34%	1.82%	-2.33%	1.91%	1.88%	-2.92%	-1.70%	-1.55%
EARNINGS BY PLACE OF WORK ($000)										
FARM	-4.56%	-6.91%	277.96%	-39.37%	44.08%	11.50%	-1.92%	-37.52%		-1.56%
AG. SERVICE FOR FISH & OTHER	5.47%	7.78%	-39.46%	-8.14%	24.76%	-34.79%	55.31%	-6.05%		18.73%
TOTAL FARM & AG. SERVICES COMBINED	-3.22%	-2.43%	50.77%	-30.39%	36.75%	-4.52%	11.60%	-27.17%	66.76%	6.14%
MINING	-1.72%	14.03%	26.41%	-0.90%	-15.55%	3.02%	-3.21%	-24.46%	-27.27%	-36.38%
CONSTRUCTION	7.13%	9.98%	1.94%	4.97%	-16.12%	-9.48%	-2.81%	-9.82%	-10.53%	-33.45%
MANUFACTURING	4.32%	7.33%	4.22%	-5.03%	-7.66%	-0.82%	-3.13%	-7.28%	0.16%	-17.75%
TRANSPORTATION & PUBLIC UTILITIES	8.21%	3.53%	1.37%	-14.76%	-9.90%	23.71%	20.80%	-5.16%	-12.74%	27.70%
WHOLESALE TRADE	6.62%	6.43%	5.73%	0.80%	-9.19%	-2.14%	1.19%	-12.26%	-11.53%	-21.10%
RETAIL TRADE	5.41%	3.26%	5.10%	0.51%	-0.33%	-0.36%	2.99%	-7.39%	-7.24%	-5.28%
FINANCE, INSURANCE AND REAL ESTATE	7.89%	4.10%	-2.00%	5.77%	7.87%	3.87%	6.13%	2.55%	-2.53%	21.95%
SERVICES	10.93%	6.00%	4.12%	4.84%	3.76%	5.08%	5.54%	0.64%	6.18%	15.81%
TOTAL GOVERNMENT	9.02%	1.11%	2.96%	5.13%	6.19%	1.88%	7.03%	0.75%	0.75%	16.67%
FEDERAL, CIVILIAN	17.16%	-0.87%	2.81%	2.79%	7.51%	2.97%	8.12%	-2.87%		16.25%
FEDERAL, MILITARY	1.35%	-4.46%	8.59%	6.79%	1.18%	-8.78%	0.15%	0.96%		-6.67%
STATE & LOCAL	12.31%	4.66%	2.05%	5.60%	6.69%	3.38%	7.74%	1.89%		21.08%
TOTAL EARNINGS FROM INDUSTRY	5.43%	4.77%	6.27%	-0.60%	-2.70%	1.72%	3.97%	-6.02%	-1.80%	-3.30%

All dollar amounts adjusted for inflation to a base year of 1980.

*Average annual percent change over the 10 year period.

TABLE B12. PERCENT CHANGE IN CONDITIONS FOR COASTAL AREA W1 (ORIGINAL DATA SET) (CONTINUED).

	1960 TO 1970*	1970 TO 1980*	1980 TO 1981	1981 TO 1982	1982 TO 1983	1983 TO 1984	1984 TO 1985	1985 TO 1986	1986 TO 1987	1982 TO 1986
INCOME BY PLACE OF RESIDENCE ($000)										
TOTAL PERSONAL INCOME	5.42%	5.60%	6.96%	1.11%	-0.50%	2.60%	4.40%	-3.06%	-0.52%	3.32%
NET EARNINGS	5.16%	4.64%	6.70%	-0.97%	-3.03%	2.12%	3.69%	-5.91%	-1.85%	-3.39%
RESIDENTIAL ADJUSTMENT	-6.55%	-4.21%	59.29%	-55.05%	-47.06%	41.64%	-9.21%	37.15%	-13.93%	41.10%
DIVIDEND, INTEREST, RENT	2.32%	6.83%	13.92%	7.39%	1.54%	7.12%	6.36%	0.76%	2.98%	16.56%
TRANSFER PAYMENTS	17.35%	11.67%	1.75%	5.99%	10.42%	0.34%	5.61%	5.86%	1.33%	23.86%
PER CAPITA INCOME ($)	5.05%	2.65%	3.38%	-2.81%	-3.11%	1.75%	3.57%	-4.44%	-0.58%	-2.44%
LOCAL GOVERNMENT EXPENDITURE BY FUNCTION ($000) (ONLY COUNTIES/PARISHES WITH 100,000+ POPULATION)										
DIRECT GENERAL EXPENDITURES	8.83%						9.10%	10.03%		46.30%
EDUCATION	10.06%						11.01%	14.16%		51.75%
HIGHWAYS	0.24%						-5.14%	13.97%		39.08%
PUBLIC WELFARE	-2.74%						53.55%	-2.65%		24.87%
HEALTH & HOSPITALS	15.40%						3.70%	-6.06%		4.25%
POLICE PROTECTION	8.08%						7.62%	6.92%		40.03%
FIRE PROTECTION	3.74%						-1.10%	12.36%		30.60%
HOUSING	37.75%						24.55%	-2.02%		35.64%
FINANCIAL ADMINISTRATION	4.08%						7.35%	-0.21%		31.17%
INTEREST ON GENERAL DEBT	2.52%						153.09%	2.42%		203.22%
OTHER	10.04%						-14.67%	12.38%		30.60%
GENERAL DEBT OUTSTANDING	-0.15%						1.81%	13.61%		53.28%
LOCAL GOVERNMENT REVENUE BY SOURCE ($000) (ONLY COUNTIES/PARISHES WITH 100,000+ POPULATION)										
GENERAL REVENUE TOTAL (EXCLUDING INTERLOCAL	7.72%						15.58%	3.64%		41.35%
INTERGOVERMENTAL REVENUE	11.27%						30.51%	4.36%		39.72%
FROM STATE	9.51%						32.39%	5.62%		47.14%
FROM FEDERAL	43.20%						21.39%	-2.32%		8.46%
FROM LOCAL	6.21%						6.54%	3.11%		42.60%
TAXES	5.89%						11.09%	5.88%		40.00%
PROPERTY	4.57%						12.07%	6.73%		44.49%
OTHER	33.45%						6.68%	1.85%		21.25%
CHARGES & MISCELLANEOUS	6.71%						2.25%	0.28%		45.51%

All dollar amounts adjusted for inflation to a base year of 1980.

*Average annual percent change over the 10 year period.

TABLE B13. PERCENT CHANGE IN CONDITIONS FOR COASTAL AREA W2 (ORIGINAL DATA SET).

	1960 TO 1970*	1970 TO 1980*	1980 TO 1981	1981 TO 1982	1982 TO 1983	1983 TO 1984	1984 TO 1985	1985 TO 1986	1986 TO 1987	1982 TO 1986
NUMBER OF INHABITANTS										
POPULATION	3.19%	3.83%	5.08%	5.56%	2.66%	0.56%	0.35%	0.49%	-0.57%	4.11%
DATA BY MAJOR INDUSTRY										
NUMBER OF JOBS(FULL/PART-TIME)										
FARM		0.92%	-0.96%	0.75%	3.40%	-1.99%	-5.14%	-9.26%		-12.76%
AG. SERVICE FOR FISH & OTHER		5.70%	17.31%	7.87%	6.88%	8.58%	-2.24%	-1.65%		11.59%
TOTAL FARM & AG. SERVICES COMBINED	0.77%	2.37%	6.07%	3.78%	4.94%	2.77%	-3.76%	-5.58%	0.58%	-1.99%
MINING	7.53%	18.05%	25.07%	6.67%	-12.28%	1.28%	-5.17%	-15.00%	-14.51%	-28.39%
CONSTRUCTION	7.87%	10.22%	3.69%	-2.44%	-7.28%	-1.63%	-4.59%	-8.59%	-8.17%	-20.45%
MANUFACTURING	2.74%	4.80%	9.54%	-8.28%	-17.88%	-1.69%	-3.31%	-10.70%	-4.04%	-30.29%
TRANSPORTATION & PUBLIC UTILITIES	3.67%	5.24%	6.49%	0.83%	-5.89%	0.44%	0.34%	-2.98%	2.05%	-7.99%
WHOLESALE TRADE	13.68%	7.33%	5.60%	-1.27%	-8.48%	1.04%	1.18%	-6.15%	-7.18%	-12.19%
RETAIL TRADE	5.98%	7.03%	5.46%	4.06%	-0.93%	5.41%	0.55%	-3.39%	-1.62%	1.44%
FINANCE, INSURANCE AND REAL ESTATE	11.15%	10.15%	6.50%	8.19%	5.44%	4.78%	1.64%	0.34%	0.17%	12.67%
SERVICES	7.98%	8.25%	8.11%	5.73%	1.13%	5.86%	3.51%	0.84%	3.55%	11.74%
TOTAL GOVERNMENT	20.83%	4.69%	3.10%	4.58%	2.91%	2.22%	4.06%	2.39%	1.29%	12.08%
FEDERAL, CIVILIAN		1.31%	0.48%	0.86%	2.44%	3.17%	4.02%	3.23%		13.49%
FEDERAL, MILITARY		-0.94%	10.77%	15.76%	-3.46%	-2.61%	4.67%	1.37%		-0.24%
STATE & LOCAL		6.04%	2.90%	4.21%	3.51%	2.49%	4.02%	2.36%		12.95%
TOTAL	7.13%	7.19%	7.37%	1.80%	-3.99%	2.77%	0.56%	-3.33%	-1.15%	-4.08%
EARNINGS BY PLACE OF WORK ($000)										
FARM	-3.55%	0.84%	-11.05%	-7.06%	0.89%	44.94%	-7.51%	-18.68%		9.98%
AG. SERVICE FOR FISH & OTHER	41.55%	6.48%	-3.33%	6.77%	15.16%	-2.99%	-3.00%	-3.14%		4.97%
TOTAL FARM & AG. SERVICES COMBINED	0.75%	3.42%	-6.71%	0.99%	9.68%	13.96%	-5.03%	-9.95%	7.30%	6.90%
MINING	1.88%	23.04%	25.59%	8.41%	-8.84%	0.73%	-1.62%	-16.59%	-17.27%	-24.64%
CONSTRUCTION	9.41%	12.67%	1.88%	-2.18%	-7.44%	-5.66%	-6.44%	-9.44%	-8.79%	-26.01%
MANUFACTURING	5.90%	7.17%	8.88%	-5.71%	-16.29%	-2.66%	-2.41%	-10.10%	-1.70%	-28.51%
TRANSPORTATION & PUBLIC UTILITIES	6.40%	7.89%	4.55%	1.83%	-5.03%	-2.19%	2.07%	-1.96%	0.46%	-7.04%
WHOLESALE TRADE	8.27%	11.31%	2.20%	-0.08%	-11.13%	-0.18%	2.09%	-6.83%	-7.35%	-15.63%
RETAIL TRADE	6.08%	6.29%	3.50%	4.74%	0.94%	2.17%	-0.80%	-5.77%	-4.61%	-3.60%
FINANCE, INSURANCE AND REAL ESTATE	10.59%	9.40%	3.36%	8.87%	11.01%	4.26%	1.46%	0.46%	-3.61%	17.98%
SERVICES	14.36%	11.04%	7.61%	6.56%	1.95%	6.12%	4.52%	-0.89%	6.20%	12.08%
TOTAL GOVERNMENT	13.05%	4.80%	5.23%	7.78%	6.78%	4.04%	7.91%	-0.59%	1.03%	19.19%
FEDERAL, CIVILIAN	18.94%	0.86%	2.89%	-0.92%	4.11%	4.08%	5.39%	-4.23%		9.36%
FEDERAL, MILITARY	-0.27%	-1.70%	18.24%	20.80%	4.51%	1.78%	7.12%	3.32%		17.72%
STATE & LOCAL	12.79%	6.47%	5.49%	9.43%	7.40%	4.10%	8.44%	0.01%		21.24%
TOTAL EARNINGS FROM INDUSTRY	8.01%	9.28%	6.98%	2.17%	-4.57%	1.00%	0.87%	-5.56%	-2.11%	-8.18%

All dollar amounts adjusted for inflation to a base year of 1980.

*Average annual percent change over the 10 year period.

TABLE B13. PERCENT CHANGE IN CONDITIONS FOR COASTAL AREA W2 (ORIGINAL DATA SET) (CONTINUED).

	1960 TO 1970*	1970 TO 1980*	1980 TO 1981	1981 TO 1982	1982 TO 1983	1983 TO 1984	1984 TO 1985	1985 TO 1986	1986 TO 1987	1982 TO 1986
INCOME BY PLACE OF RESIDENCE ($000)										
TOTAL PERSONAL INCOME	8.45%	8.78%	7.42%	3.36%	-3.01%	1.78%	1.96%	-3.45%	-1.38%	-2.82%
NET EARNINGS	7.82%	8.98%	6.63%	2.14%	-4.57%	1.02%	0.60%	-5.42%	-2.15%	-8.27%
RESIDENTIAL ADJUSTMENT	0.68%	-30.41%	-9.33%	0.31%	12.27%	0.08%	15.99%	7.43%	3.06%	31.82%
DIVIDEND, INTEREST, RENT	9.54%	6.71%	15.59%	7.18%	-2.11%	8.54%	7.21%	1.21%	-33.74%	15.29%
TRANSFER PAYMENTS	17.60%	10.32%	3.59%	11.25%	12.80%	-1.14%	6.41%	6.68%	55.70%	26.58%
PER CAPITA INCOME ($)	3.99%	3.58%	2.23%	-2.09%	-5.53%	1.21%	1.60%	-3.92%	-0.82%	-6.66%
LOCAL GOVERNMENT EXPENDITURE BY FUNCTION ($000) (ONLY COUNTIES/PARISHES WITH 100,000+ POPULATION)										
DIRECT GENERAL EXPENDITURES	7.76%						4.37%	9.82%		36.95%
EDUCATION	9.61%						-1.67%	5.09%		26.22%
HIGHWAYS	-0.55%						-11.26%	53.94%		55.10%
PUBLIC WELFARE	6.42%						1.57%	19.64%		-5.19%
HEALTH & HOSPITALS	14.30%						8.45%	13.68%		44.10%
POLICE PROTECTION	9.75%						15.24%	7.16%		47.25%
FIRE PROTECTION	11.48%						0.35%	15.56%		25.52%
HOUSING	9.85%						65.11%	32.49%		39.93%
FINANCIAL ADMINISTRATION	6.94%						7.67%	6.52%		51.99%
INTEREST ON GENERAL DEBT	7.25%						14.34%	2.49%		125.31%
OTHER	5.90%						12.16%	12.20%		27.79%
GENERAL DEBT OUTSTANDING	4.42%						18.27%	5.70%		77.93%
LOCAL GOVERNMENT REVENUE BY SOURCE ($000) (ONLY COUNTIES/PARISHES WITH 100,000+ POPULATION)										
GENERAL REVENUE TOTAL (EXCLUDING INTERLOCAL	8.93%						11.35%	6.32%		40.43%
INTERGOVERMENTAL REVENUE	14.01%						9.20%	0.26%		14.71%
FROM STATE	11.85%						9.98%	2.19%		22.16%
FROM FEDERAL	80.78%						4.34%	-12.33%		-21.58%
FROM LOCAL	7.65%						12.05%	8.23%		50.29%
TAXES	7.69%						8.61%	11.55%		43.55%
PROPERTY	6.37%						9.59%	12.68%		46.12%
OTHER	33.56%						2.82%	4.52%		28.33%
CHARGES & MISCELLANEOUS	7.52%						18.25%	2.74%		64.12%

All dollar amounts adjusted for inflation to a base year of 1980.

*Average annual percent change over the 10 year period.

TABLE B14. PERCENT CHANGE IN CONDITIONS FOR ALL CENTRAL (C1-C4) AND WESTERN (W1-W2) COASTAL ANALYSIS AREAS.

	1960 TO 1970*	1970 TO 1980*	1980 TO 1981	1981 TO 1982	1982 TO 1983	1983 TO 1984	1984 TO 1985	1985 TO 1986	1986 TO 1987	1982 TO 1986
NUMBER OF INHABITANTS										
POPULATION	2.08%	2.79%	3.71%	4.01%	2.08%	0.48%	0.52%	0.64%	-0.58%	3.76%
DATA BY MAJOR INDUSTRY										
NUMBER OF JOBS(FULL/PART-TIME)										
FARM		-1.02%	-2.89%	-1.38%	1.61%	-3.05%	-4.40%	-7.76%		-13.13%
AG. SERVICE FOR FISH & OTHER		6.12%	3.56%	1.30%	4.99%	2.67%	1.96%	-1.98%		7.73%
TOTAL FARM & AG. SERVICES COMBINED	0.37%	0.74%	-0.50%	-0.35%	2.94%	-0.77%	-1.77%	-5.28%	0.69%	-4.96%
MINING	6.70%	12.65%	18.82%	3.06%	-12.52%	1.67%	-2.94%	-17.33%	-14.09%	-28.63%
CONSTRUCTION	4.98%	8.97%	2.67%	-3.50%	-7.86%	-0.96%	-4.45%	-8.37%	-7.95%	-20.10%
MANUFACTURING	2.28%	3.81%	7.71%	-7.67%	-15.85%	-1.53%	-2.37%	-7.54%	-2.51%	-25.20%
TRANSPORTATION & PUBLIC UTILITIES	2.79%	4.33%	5.72%	-1.17%	-6.34%	0.34%	-0.37%	-5.03%	-0.44%	-11.08%
WHOLESALE TRADE	11.23%	6.14%	4.63%	-2.39%	-7.56%	0.58%	0.10%	-6.41%	-6.12%	-12.89%
RETAIL TRADE	4.45%	5.88%	4.67%	2.74%	0.01%	5.48%	0.72%	-2.00%	-1.62%	4.13%
FINANCE, INSURANCE AND REAL ESTATE	8.85%	8.83%	5.88%	6.23%	4.34%	4.75%	2.76%	1.29%	0.48%	13.76%
SERVICES	6.06%	6.34%	6.61%	5.35%	1.48%	5.10%	3.31%	1.14%	2.36%	11.45%
TOTAL GOVERNMENT	18.08%	3.47%	0.75%	3.23%	1.34%	1.52%	2.23%	1.17%	0.60%	6.41%
FEDERAL, CIVILIAN		1.64%	-3.74%	0.23%	2.59%	2.82%	3.04%	2.09%		10.96%
FEDERAL, MILITARY		-1.21%	4.29%	10.09%	-6.31%	-2.86%	1.48%	3.84%		-4.10%
STATE & LOCAL		4.94%	0.96%	2.69%	2.33%	1.95%	2.22%	0.68%		7.37%
TOTAL	5.90%	5.64%	13.35%	-6.04%	-3.40%	2.54%	0.64%	-2.80%	-1.28%	-3.11%
EARNINGS BY PLACE OF WORK ($000)										
FARM	-2.61%	-3.26%	28.53%	-15.32%	11.22%	8.03%	-2.22%	-12.83%		2.41%
AG. SERVICE FOR FISH & OTHER	9.74%	6.78%	-23.77%	-2.00%	19.03%	-15.39%	18.15%	-3.65%		14.63%
TOTAL FARM & AG. SERVICES COMBINED	-0.47%	0.33%	-1.97%	-9.28%	15.05%	-3.84%	6.86%	-8.31%	16.52%	8.40%
MINING	2.64%	16.66%	21.52%	4.73%	-10.77%	0.50%	-0.38%	-18.89%	-17.43%	-27.54%
CONSTRUCTION	9.02%	11.14%	0.77%	-3.34%	-8.87%	-6.05%	-6.66%	-9.95%	-8.66%	-28.03%
MANUFACTURING	5.76%	6.14%	7.83%	-6.00%	-14.45%	-2.37%	-2.27%	-7.71%	-1.56%	-24.66%
TRANSPORTATION & PUBLIC UTILITIES	5.88%	6.55%	3.46%	-1.14%	-5.34%	-0.90%	1.52%	-4.45%	-2.22%	-9.01%
WHOLESALE TRADE	7.43%	8.94%	1.79%	-1.43%	-10.32%	0.09%	1.09%	-7.20%	-6.67%	-15.80%
RETAIL TRADE	5.46%	5.02%	2.16%	2.19%	1.49%	2.17%	-0.56%	-4.49%	-4.66%	-1.52%
FINANCE, INSURANCE AND REAL ESTATE	7.88%	7.07%	2.32%	6.18%	9.78%	3.80%	2.51%	1.65%	-3.57%	18.74%
SERVICES	11.41%	9.05%	6.78%	6.09%	2.34%	5.98%	4.10%	-0.39%	5.81%	12.46%
TOTAL GOVERNMENT	8.07%	3.69%	3.26%	5.82%	4.06%	2.65%	5.62%	-0.39%	0.35%	12.37%
FEDERAL, CIVILIAN	5.19%	1.17%	0.66%	-0.77%	4.17%	3.08%	5.19%	-3.53%		8.96%
FEDERAL, MILITARY	-0.29%	-1.37%	9.83%	8.93%	-2.53%	-0.40%	3.66%	4.53%		5.19%
STATE & LOCAL	12.61%	5.36%	3.35%	7.17%	4.65%	2.82%	5.88%	-0.09%		13.83%
TOTAL EARNINGS FROM INDUSTRY	6.88%	7.38%	5.61%	0.80%	-4.23%	0.90%	0.90%	-5.13%	-2.08%	-7.50%

All dollar amounts adjusted for inflation to a base year of 1980.

*Average annual percentage change over the 10 year period.

TABLE B14. PERCENT CHANGE IN CONDITIONS FOR ALL CENTRAL (C1-C4) AND WESTERN (W1-W2) COASTAL ANALYSIS AREAS (CONTINUED).

	1960 TO 1970*	1970 TO 1980*	1980 TO 1981	1981 TO 1982	1982 TO 1983	1983 TO 1984	1984 TO 1985	1985 TO 1986	1986 TO 1987	1982 TO 1986
INCOME BY PLACE OF RESIDENCE ($000)										
TOTAL PERSONAL INCOME	7.05%	7.23%	6.20%	2.14%	-1.93%	1.54%	1.80%	-2.68%	-1.09%	-1.34%
NET EARNINGS	6.61%	7.03%	5.21%	0.72%	-3.94%	0.96%	0.63%	-4.88%	-2.10%	-7.17%
RESIDENTIAL ADJUSTMENT	-5.26%	-26.37%	-8.12%	2.64%	17.56%	4.41%	5.62%	17.25%	2.18%	38.45%
DIVIDEND, INTEREST, RENT	6.22%	6.60%	15.79%	6.08%	0.25%	7.10%	4.93%	2.30%	-17.51%	15.25%
TRANSFER PAYMENTS	15.50%	10.03%	2.95%	8.93%	11.01%	-1.07%	5.97%	5.49%	25.09%	22.77%
PER CAPITA INCOME ($0)	4.12%	3.47%	2.40%	-1.80%	-3.93%	1.06%	1.28%	-3.30%	-0.52%	-4.92%
LOCAL GOVERNMENT EXPENDITURE BY FUNCTION ($000) (ONLY COUNTIES/PARISHES WITH 100,000+ POPULATION)										
DIRECT GENERAL EXPENDITURES	7.89%						4.85%	7.59%		30.39%
EDUCATION	10.38%						0.86%	6.29%		22.25%
HIGHWAYS	0.76%						0.21%	20.97%		40.10%
PUBLIC WELFARE	8.68%						4.02%	13.32%		3.71%
HEALTH & HOSPITALS	15.44%						8.41%	-0.18%		28.21%
POLICE PROTECTION	10.18%						11.98%	6.31%		34.72%
FIRE PROTECTION	9.22%						2.01%	10.06%		21.76%
HOUSING	2.47%						92.36%	-4.88%		10.74%
FINANCIAL ADMINISTRATION	7.81%						13.03%	0.07%		39.83%
INTEREST ON GENERAL DEBT	6.87%						12.91%	4.64%		98.90%
OTHER	5.24%						4.03%	12.05%		26.61%
GENERAL DEBT OUTSTANDING	3.87%						9.98%	7.87%		64.07%
LOCAL GOVERNMENT REVENUE BY SOURCE ($000) (ONLY COUNTIES/PARISHES WITH 100,000+ POPULATION)										
GENERAL REVENUE TOTAL (EXCLUDING INTERLOCAL	9.08%						8.11%	4.50%		31.44%
INTERGOVERMENTAL REVENUE	11.71%						8.12%	0.60%		9.81%
FROM STATE	9.27%						10.69%	2.34%		17.11%
FROM FEDERAL	47.05%						-3.50%	-8.42%		-19.34%
FROM LOCAL	8.06%						8.11%	6.03%		41.83%
TAXES	8.20%						7.20%	8.12%		37.49%
PROPERTY	6.03%						8.64%	11.45%		44.21%
OTHER	21.33%						3.55%	-0.70%		20.76%
CHARGES & MISCELLANEOUS	7.74%						9.46%	2.98%		49.03%

All dollar amounts adjusted for inflation to a base year of 1980.

*Average annual percentage change over the 10 year period.

APPENDIX C.

APPENDIX C

DEMOGRAPHIC AND SOCIOECONOMIC INDICATORS

REVISED DATA SET

THE ORIGINAL DATA SET OF 49 COUNTIES/PARISHES WAS REVISED TO ELIMINATE COUNTIES THAT DO NOT APPEAR TO BE SIGNIFICANTLY INFLUENCED BY OUTER CONTINENTAL SHELF OIL AND GAS ACTIVITIES IN THE GULF OF MEXICO.

THE REVISED DATA SET IS BASED ON THE FOLLOWING 36 COUNTIES AND PARISHES:

COASTAL ANALYSIS AREA C1:

CALCASIEU, LA
CAMERON, LA
IBERIA, LA
LAFAYETTE, LA
VERMILION, LA

COASTAL ANALYSIS AREA C2:

ASCENSION, LA
EAST BATON ROUGE, LA
LAFOURCHE, LA
LIVINGSTON, LA
ST. CHARLES, LA
ST. JAMES, LA
ST. JOHN THE BAPTIST, LA
ST. MARY, LA
TERREBONNE, LA
WEST BATON ROUGE, LA

COASTAL ANALYSIS AREA C3:

JEFFERSON, LA
ORLEANS, LA
PLAQUEMINES, LA
ST. BERNARD, LA
ST. TAMMANY, LA

COASTAL ANALYSIS AREA C4:

BALDWIN, AL
MOBILE, AL
HANCOCK, MS
HARRISON, MS
JACKSON, MS
STONE, MS

COASTAL ANALYSIS AREA W1:

VICTORIA, TX

COASTAL ANALYSIS AREA W2:

BRAZORIA, TX
CHAMBERS, TX
GALVESTON, TX
HARDIN, TX
JEFFERSON, TX
LIBERTY, TX
MATAGORDA, TX
MONTGOMERY, TX
ORANGE, TX

THE FOLLOWING COUNTIES WERE EXCLUDED FROM THE REVISED DATA SET:

COASTAL ANALYSIS AREA. W1:

ARANSAS, TX
CALHOUN, TX
CAMERON, TX
JACKSON, TX
KENEDY, TX
KLEBERG, TX
NUECES, TX
REFUGIO, TX
SAN PATRICIO, TX
WILLACY, TX

COASTAL ANALYSIS AREA W2:

FORT BEND, TX
HARRIS, TX
WALLER, TX

TABLE C1. DEMOGRAPHIC AND SOCIOECONOMIC CONDITIONS FOR COASTAL ANALYSIS AREA C1 (REVISED DATA SET).

	1960	1970	1980	1981	1982	1983	1984	1985	1986	1987
NUMBER OF INHABITANTS										
POPULATION	327552	363793	438786	453600	468700	476200	475100	477000	476700	468900
NET MIGRATION*		-2425	3058	7259	8627	1018	-7084	-3840	-5861	
DATA BY MAJOR INDUSTRY										
NUMBER OF JOBS(FULL/PART-TIME)										
FARM		8049	6221	6092	5890	5952	5722	5588	5489	
AG. SERVICE FOR FISH & OTHER		1027	1414	1386	1507	1484	1471	1616	1579	
TOTAL FARM & AG. SERVICES COMBINED	7945	9076	7635	7478	7397	7436	7193	7204	7068	6927
MINING	7143	11143	27243	32376	32645	28352	28809	29280	21445	18211
CONSTRUCTION	8592	11133	22856	23110	19813	17048	14855	15217	14546	12615
MANUFACTURING	13768	14810	23616	26153	23203	19708	18938	18202	18016	19157
TRANSPORTATION & PUBLIC UTILITIES	7838	8946	16082	17897	18926	16936	17142	17167	15539	14352
WHOLESALE TRADE	3351	5240	14026	14962	14220	12616	12484	11689	10201	9592
RETAIL TRADE	17630	22473	37198	39651	39800	40394	40259	40573	38734	37998
FINANCE, INSURANCE AND REAL ESTATE	3200	4436	10455	11444	12160	12615	12881	13422	13540	12941
SERVICES	20150	28007	45495	49848	53724	53017	54757	55733	55010	53743
TOTAL GOVERNMENT	8195	23465	28789	29354	30454	30611	30438	30588	30549	29824
FEDERAL, CIVILIAN		1230	1548	1576	1661	1723	1748	1801	1823	
FEDERAL, MILITARY		2333	1967	1858	2392	2169	2143	2251	2273	
STATE & LOCAL		19902	25274	25920	26401	26719	26547	26536	26453	
TOTAL	97812	138729	233395	289105	252342	238733	237756	239075	224648	215360
EARNINGS BY PLACE OF WORK ($000)										
FARM	80197	67844	46048	29278	28313	22887	21201	14917	12004	
AG. SERVICE FOR FISH & OTHER	9694	14064	17395	14226	15324	15547	13091	15386	15011	
TOTAL FARM & AG. SERVICES COMBINED	89891	81908	63443	43504	43637	38433	34292	30303	27015	26987
MINING	166516	226369	647358	808993	825625	701287	693600	713690	512344	408045
CONSTRUCTION	103102	205801	481302	481047	384478	342574	267883	252461	239952	203643
MANUFACTURING	231282	303404	590690	652592	576255	487726	461757	438959	429122	460624
TRANSPORTATION & PUBLIC UTILITIES	105140	161148	330209	366980	391303	349818	353943	350141	309122	286986
WHOLESALE TRADE	53509	90329	269237	287326	272641	233465	225738	212585	181289	166329
RETAIL TRADE	144805	228491	355399	371347	367040	369184	358529	353412	324215	307223
FINANCE, INSURANCE AND REAL ESTATE	41986	55612	108861	115099	123390	131259	129923	133679	134065	118960
SERVICES	146342	274911	649492	732634	769729	763740	800566	821773	784678	791677
TOTAL GOVERNMENT	205890	254932	340868	363810	386966	398264	393259	398518	393740	384247
FEDERAL, CIVILIAN	20464	26856	34477	35604	35599	37053	37025	38792	37625	
FEDERAL, MILITARY	81309	6845	6706	7398	9801	9508	9285	9813	10221	
STATE & LOCAL	104117	221230	299685	320808	341567	351702	346950	349912	345894	
TOTAL EARNINGS FROM INDUSTRY	1288463	1882906	3836859	4223332	4141065	3815750	3719490	3705521	3335542	3154721

All dollar amount adjusted for inflation to a base year of 1980

*Net Migration figures for 1970 and 1980 are annual averages of the previous ten year period.

TABLE C1. DEMOGRAPHIC AND SOCIOECONOMIC CONDITIONS FOR COASTAL ANALYSIS AREA C1 (REVISED DATA SET) (CONTINUED).

	1960	1970	1980	1981	1982	1983	1984	1985	1986	1987
INCOME BY PLACE OF RESIDENCE ($000)										
TOTAL PERSONAL INCOME	1502943	2274641	4269914	4646676	4695179	4539681	4455221	4496351	4261659	4120165
NET EARNINGS	1247620	1795000	3328562	3606949	3543549	3282940	3212875	3194532	2928586	2765295
RESIDENTIAL ADJUSTMENT	-13477	-15141	-324728	-397689	-369960	-330095	-306207	-300304	-214425	-207560
DIVIDEND, INTEREST, RENT	154671	241235	500989	592500	648345	669859	683207	724207	717217	704009
TRANSFER PAYMENTS	100653	238407	440363	447227	503286	586882	559138	577612	615855	650861
PER CAPITA INCOME ($)	4588	6253	9731	10244	10017	9533	9377	9426	8940	8787
LOCAL GOVERNMENT EXPENDITURE BY FUNCTION ($000)* (ONLY COUNTIES/PARISHES WITH 100,000+ POPULATION)										
DIRECT GENERAL EXPENDITURES	113549	197183			319889		329819	344688	332514	
EDUCATION	53128	98345			146764		115469	114069	126348	
HIGHWAYS	11239	12590			29164		29661	30115	29707	
PUBLIC WELFARE	44	221			616		556	539	501	
HEALTH & HOSPITALS	2932	5380			12485		17644	42447	12664	
POLICE PROTECTION	4395	10841			15996		19672	23911	23404	
FIRE PROTECTION	2007	4460			6083		6806	6598	7768	
HOUSING	497	5293			9619		6119	5407	4723	
FINANCIAL ADMINISTRATION	1062	1737			4382		4884	5773	5692	
INTEREST ON GENERAL DEBT	9359	15648			33480		47621	47072	46581	
OTHER	28887	41667			61299		81387	68757	75126	
GENERAL DEBT OUTSTANDING	242454	441353			768335		823124	846398	772998	
LOCAL GOVERNMENT REVENUE BY SOURCE ($000)* (ONLY COUNTIES/PARISHES WITH 100,000+ POPULATION)										
GENERAL REVENUE TOTAL (EXCLUDING INTERLOCAL	96962	193408			321638		323182	355938	335045	
INTERGOVERMENTAL REVENUE	43131	83473			123091		104843	102771	107053	
FROM STATE	41892	79772			97946		87824	90031	94827	
FROM FEDERAL	1239	3701			25145		17019	12740	12227	
FROM LOCAL	53830	109936			198546		218339	253167	227991	
TAXES	36935	76708			107915		104300	109560	120129	
PROPERTY	31941	47467			40050		49171	50783	58352	
OTHER	4993	29241			67865		55129	58777	61775	
CHARGES & MISCELLANEOUS	16896	33228			90631		114039	143608	107862	

All dollar amount adjusted for inflation to a base year of 1980

*Local Government Expenditure & Revenue figures for 1960, 1970 and 1980 are from 1962, 1972 and 1982 Census of Governments data respectively. Data for 1984, 1985 and 1986 are from the U.S. Bureau of Census, Local Government Finances in Major County Areas.

TABLE C2. DEMOGRAPHIC AND SOCIOECONOMIC CONDITIONS FOR COASTAL ANALYSIS AREA C2 (REVISED DATA SET).

	1960	1970	1980	1981	1982	1983	1984	1985	1986	1987
NUMBER OF INHABITANTS										
POPULATION	522767	654466	825958	853300	874100	889600	895100	902200	902000	892100
NET MIGRATION*		2401	8096	12795	8837	3419	-6380	-4642	-11373	
DATA BY MAJOR INDUSTRY										
NUMBER OF JOBS(FULL/PART-TIME)										
FARM		7904	5641	5502	5366	5299	5032	4814	4643	
AG. SERVICE FOR FISH & OTHER		2341	3551	3508	3300	3338	3186	3361	3262	
TOTAL FARM & AG. SERVICES COMBINED	9383	10245	9192	9010	8666	8637	8218	8175	7905	7612
MINING	8844	10346	21246	21294	19259	15535	15313	15565	12434	11116
CONSTRUCTION	15107	22023	48565	47790	42419	39263	41871	39605	34399	32991
MANUFACTURING	30923	35365	49039	53713	50619	43170	41736	40097	37029	35859
TRANSPORTATION & PUBLIC UTILITIES	11678	16705	28704	30525	29891	28108	28542	29017	25555	24052
WHOLESALE TRADE	4592	11825	20033	20760	20245	18994	19113	18944	17339	16904
RETAIL TRADE	24540	35571	59470	62137	63736	65725	69496	69429	67556	65599
FINANCE, INSURANCE AND REAL ESTATE	4847	9339	20712	22133	22754	23281	24754	26132	26484	26401
SERVICES	28535	42973	71978	76105	80089	81138	83281	85396	87013	88378
TOTAL GOVERNMENT	18001	48873	71336	69413	74984	75169	76241	76820	76746	77122
FEDERAL, CIVILIAN		2217	2715	2663	2656	2753	2880	3116	3132	
FEDERAL, MILITARY		4158	3694	3458	4426	4014	4040	4292	4333	
STATE & LOCAL		42498	64927	63292	67902	68402	69321	69412	69281	
TOTAL	156450	243265	400275	491303	412662	399020	408565	409180	392460	386034
EARNINGS BY PLACE OF WORK ($000)										
FARM	52817	66731	35221	37713	41868	31372	22910	23895	47539	
AG. SERVICE FOR FISH & OTHER	18771	30076	42590	25845	23576	29679	20716	30995	29611	
TOTAL FARM & AG. SERVICES COMBINED	71588	96808	77811	63558	65444	61053	43627	54889	77152	67574
MINING	162605	227889	530902	533179	502826	410755	389644	398895	314805	266339
CONSTRUCTION	261206	453457	1061480	1016869	896968	786611	777284	737370	608521	582570
MANUFACTURING	552556	804430	1347430	1473807	1413358	1244606	1202946	1157650	1062175	1019054
TRANSPORTATION & PUBLIC UTILITIES	155046	290987	564929	584699	580160	554322	552252	557930	489023	457651
WHOLESALE TRADE	124013	219384	405478	400686	392924	358022	360960	357508	318506	305207
RETAIL TRADE	260542	366906	596395	599268	597248	612793	622014	614994	574673	539657
FINANCE, INSURANCE AND REAL ESTATE	73498	133526	243887	251174	258598	277620	288293	302936	305272	288197
SERVICES	242847	483229	978140	1026383	1080171	1077393	1128596	1148026	1130583	1199528
TOTAL GOVERNMENT	254573	589612	926664	922957	984169	979188	987445	1008915	989145	983455
FEDERAL, CIVILIAN	21779	46540	57559	57690	56591	59326	62909	67336	65063	
FEDERAL, MILITARY	12602	12145	12956	13306	17787	17552	17816	19457	20276	
STATE & LOCAL	220193	530926	856149	851960	909791	902309	906723	922124	903805	
TOTAL EARNINGS FROM INDUSTRY	2158473	3666228	6733116	6872578	6771865	6362363	6353061	6339113	5869855	5709232

All dollar amounts adjusted for inflation to a base year of 1980.

*Net Migration figures for 1970 and 1980 are annual averages of the previous ten year period.

TABLE C2. DEMOGRAPHIC AND SOCIOECONOMIC CONDITIONS FOR COASTAL ANALYSIS AREA C2 (REVISED DATA SET) (CONTINUED).

	1960	1970	1980	1981	1982	1983	1984	1985	1986	1987
INCOME BY PLACE OF RESIDENCE ($000)*										
TOTAL PERSONAL INCOME	2584435	4401086	7902476	8227489	8236438	8167775	8262412	8336280	7973843	7900884
NET EARNINGS	2102322	3591106	6323043	6482259	6362137	6129753	6177242	6146224	5731327	5604518
RESIDENTIAL ADJUSTMENT	-8696	68366	-82698	-31576	-38089	105414	167763	167319	199064	222808
DIVIDEND, INTEREST, RENT	313606	423506	790776	931891	982168	1029005	1087205	1137618	1131592	1130374
TRANSFER PAYMENTS	168507	386474	788657	813339	892133	1009017	997965	1052438	1110924	1165992
PER CAPITA INCOME ($)	4944	6725	9568	9642	9423	9181	9231	9240	8840	8857
LOCAL GOVERNMENT EXPENDITURE BY FUNCTION ($000)* (ONLY COUNTIES/PARISHES WITH 100,000+ POPULATION)										
DIRECT GENERAL EXPENDITURES	124726	244824			335011		319229	342896	352410	
EDUCATION	55192	139322			139638		124369	134170	136730	
HIGHWAYS	8815	16798			12790		22325	31500	14397	
PUBLIC WELFARE	55	73			1709		1114	814	546	
HEALTH & HOSPITALS	1706	6280			16448		14363	12292	13638	
POLICE PROTECTION	6874	13374			21866		22079	19729	19561	
FIRE PROTECTION	4152	6771			9458		10431	11445	10712	
HOUSING	104	6838			5956		3156	5912	3306	
FINANCIAL ADMINISTRATION	1297	2945			6070		5846	6275	6399	
INTEREST ON GENERAL DEBT	7527	13778			35200		39285	37001	36852	
OTHER	39004	38644			85876		76261	83758	110269	
GENERAL DEBT OUTSTANDING	221567	432677			516566		509117	506187	500774	
LOCAL GOVERNMENT REVENUE BY SOURCE ($000) (ONLY COUNTIES/PARISHES WITH 100,000+ POPULATION)										
GENERAL REVENUE TOTAL (EXCLUDING INTERLOCAL	105938	246092			352929		424358	357053	376645	
INTERGOVERMENTAL REVENUE	46729	97363			144969		122596	126884	129588	
FROM STATE	45182	74832			111845		98566	102700	102861	
FROM FEDERAL	1548	22531			33125		24030	24184	26727	
FROM LOCAL	59211	148729			207960		301762	230169	247057	
TAXES	46009	122445			126894		139150	148528	154656	
PROPERTY	31532	62370			38354		42358	43975	49281	
OTHER	14477	60075			88540		96792	104554	105375	
CHARGES & MISCELLANEOUS	13202	26284			81066		162612	81640	92401	

All dollar amounts adjusted for inflation to a base year of 1980.

*Local Government Expenditure & Revenue figures for 1960, 1970 and 1980 are from 1962, 1972 and 1982 Census of Governments data respectively. Data for 1984, 1985 and 1986 are from the U.S. Bureau of Census, Local Government Finances in Major County Areas.

TABLE C3. DEMOGRAPHIC AND SOCIOECONOMIC CONDITIONS FOR COASTAL ANALYSIS AREA C3 (REVISED DATA SET).

	1960	1970	1980	1981	1982	1983	1984	1985	1986	1987
NUMBER OF INHABITANTS										
POPULATION	929668	1071034	1213122	1234700	1254700	1267700	1269600	1273200	1275200	1262100
NET MIGRATION*		749	4014	6459	8052	1097	-9764	-7942	-9220	
DATA BY MAJOR INDUSTRY										
NUMBER OF JOBS(FULL/PART-TIME)										
FARM		1053	1491	1482	1464	1476	1418	1379	1351	
AG. SERVICE FOR FISH & OTHER		1782	2700	2829	2848	2928	2921	3084	3151	
TOTAL FARM & AG. SERVICES COMBINED	3254	2835	4191	4311	4312	4404	4339	4463	4502	4501
MINING	7402	19019	25697	28253	28512	26181	26697	26357	22531	20304
CONSTRUCTION	22284	28713	41849	42287	41462	40286	41194	35652	32901	29887
MANUFACTURING	50846	55740	56516	56422	51104	44634	42844	41948	39584	37899
TRANSPORTATION & PUBLIC UTILITIES	38661	50101	59577	62217	57323	53073	52189	50015	46997	46405
WHOLESALE TRADE	16557	34098	42065	43088	40770	38256	37896	37550	35746	33802
RETAIL TRADE	53424	73999	103378	105207	105931	106885	115416	114559	114640	113546
FINANCE, INSURANCE AND REAL ESTATE	16767	28551	42055	43620	45081	45863	47899	49036	50484	51314
SERVICES	67735	107778	150938	156688	163869	166621	175364	178116	180183	180832
TOTAL GOVERNMENT	26368	77905	99926	99324	100730	101649	102305	103651	101359	99412
FEDERAL, CIVILIAN		13670	18038	16097	15589	15593	15736	15965	16085	
FEDERAL, MILITARY		9927	9592	9379	10700	9945	9844	10249	10399	
STATE & LOCAL		54308	72296	73848	74441	76111	76725	77437	74875	
TOTAL	303298	478739	626192	745052	639094	627852	646143	641347	628927	617902
EARNINGS BY PLACE OF WORK ($000)										
FARM	17964	9805	9220	8870	8394	11570	10564	12385	15080	
AG. SERVICE FOR FISH & OTHER	10108	22364	40679	25409	23892	30496	23715	35151	36100	
TOTAL FARM & AG. SERVICES COMBINED	28072	32169	49899	34279	32286	42067	34279	47536	51179	52368
MINING	294235	465679	726386	839552	849831	777905	796663	815961	672719	587729
CONSTRUCTION	278803	518136	841907	834780	825340	807077	799725	651922	594381	524057
MANUFACTURING	659919	1024100	1204310	1230220	1107600	957844	920508	904660	851840	801346
TRANSPORTATION & PUBLIC UTILITIES	643856	939109	1320853	1333039	1247398	1181976	1137811	1092164	1028757	988806
WHOLESALE TRADE	399859	651928	856660	875506	827243	758684	759596	751085	709880	673674
RETAIL TRADE	529637	796836	1016873	1007083	995127	1031123	1078486	1049202	1043171	1002569
FINANCE, INSURANCE AND REAL ESTATE	307176	449317	564471	566655	572594	615069	638456	653489	688012	671221
SERVICES	694664	1304298	2005981	2113574	2262109	2374984	2529978	2584916	2592670	2708460
TOTAL GOVERNMENT	577334	1009936	1308094	1334328	1391728	1411506	1432856	1455396	1424216	1411594
FEDERAL, CIVILIAN	195278	284031	346539	334673	327466	334579	335946	345008	333576	
FEDERAL, MILITARY	73108	59720	75121	83898	93218	89215	92742	96186	98824	
STATE & LOCAL	308947	666185	886434	915757	971044	987711	1004167	1014202	991813	
TOTAL EARNINGS FROM INDUSTRY	4413556	7191509	9895434	10169017	10111255	9958235	10128358	10006331	9656825	9421824

All dollar amounts adjusted for inflation to a base year of 1980.

*Net Migration figures for 1970 and 1980 are annual averages of the previous ten year period.

TABLE C3. DEMOGRAPHIC AND SOCIOECONOMIC CONDITIONS FOR COASTAL ANALYSIS AREA C3 (REVISED DATA SET) (CONTINUED).

	1960	1970	1980	1981	1982	1983	1984	1985	1986	1987
INCOME BY PLACE OF RESIDENCE ($000)										
TOTAL PERSONAL INCOME	5359851	8444200	11907320	12318181	12417232	12478155	12647301	12739600	12546451	12324555
NET EARNINGS	4244863	6641754	8960919	9116609	9073321	8941064	9025506	8903009	8607065	8363850
RESIDENTIAL ADJUSTMENT	-63201	-256643	-443169	-512053	-471315	-477697	-546271	-526697	-485441	-510439
DIVIDEND, INTEREST, RENT	765960	993375	1451538	1676317	1715916	1792818	1892234	1983920	1997974	1989404
TRANSFER PAYMENTS	349029	809070	1494863	1525255	1627995	1744273	1729560	1852672	1941412	1971301
PER CAPITA INCOME ($)	5765	7884	9815	9977	9897	9843	9962	10006	9839	9765
LOCAL GOVERNMENT EXPENDITURE BY FUNCTION ($000)* (ONLY COUNTIES/PARISHES WITH 100,000+ POPULATION)										
DIRECT GENERAL EXPENDITURES	417870	739473			1079735		1188548	1252420	1264723	
EDUCATION	129023	309395			385211		385194	406697	416437	
HIGHWAYS	30500	45781			50570		67849	73860	60120	
PUBLIC WELFARE	1029	5751			7698		7857	8609	9578	
HEALTH & HOSPITALS	11895	52368			107584		126305	127538	123288	
POLICE PROTECTION	23120	50764			71924		74727	82561	88534	
FIRE PROTECTION	15034	25367			31478		35611	38322	37625	
HOUSING	32757	3325			35445		7391	42841	35258	
FINANCIAL ADMINISTRATION	5219	11147			15280		19006	27046	20748	
INTEREST ON GENERAL DEBT	31919	54355			66683		88461	91657	89576	
OTHER	137373	181220			307860		374147	353289	383559	
GENERAL DEBT OUTSTANDING	1033660	1292590			1160778		1360402	1395457	1638900	
LOCAL GOVERNMENT REVENUE BY SOURCE ($000)* (ONLY COUNTIES/PARISHES WITH 100,000+ POPULATION)										
GENERAL REVENUE TOTAL (EXCLUDING INTERLOCAL)	400116	767351			1174066		1322437	1359928	1330508	
INTERGOVERMENTAL REVENUE	146216	286097			416376		398706	404799	380712	
FROM STATE	134331	247952			299197		285653	302392	289109	
FROM FEDERAL	11886	38145			117179		113053	102407	91603	
FROM LOCAL	253901	481253			757689		923731	955129	949796	
TAXES	161925	324454			427128		551292	552800	528561	
PROPERTY	102266	154039			144138		180816	182066	189828	
OTHER	59659	170418			282990		370477	370734	338733	
CHARGES & MISCELLANEOUS	91977	156798			330560		372439	402329	421234	

All dollar amounts adjusted for inflation to a base year of 1980.

*Local Government Expenditure & Revenue figures for 1960, 1970 and 1980 are from 1962, 1972 and 1982 Census of Governments data respectively. Data for 1984, 1985 and 1986 are from the U.S. Bureau of Census, Local Government Finances in Major County Areas.

TABLE C4. DEMOGRAPHIC AND SOCIOECONOMIC CONDITIONS FOR COASTAL ANALYSIS AREA C4 (REVISED DATA SET).

	1960	1970	1980	1981	1982	1983	1984	1985	1986	1987
NUMBER OF INHABITANTS										
POPULATION	559452	624735	753469	762800	782000	788900	792700	802600	822700	827900
NET MIGRATION*		-3099	5333	-374	11547	-656	-3264	2956	13209	
DATA BY MAJOR INDUSTRY										
NUMBER OF JOBS(FULL/PART-TIME)										
FARM		6477	6776	6487	6433	6447	6195	5945	5208	
AG. SERVICE FOR FISH & OTHER		2306	4414	4386	4019	4317	4605	4478	4225	
TOTAL FARM & AG. SERVICES COMBINED	6175	8783	11190	10873	10452	10764	10800	10423	9433	9502
MINING	573	528	1517	1755	1600	1463	1721	1575	1356	1439
CONSTRUCTION	12974	16042	24565	24490	24498	21498	21493	23289	23194	22012
MANUFACTURING	33575	47402	57879	60877	58160	50787	52211	54225	55240	55823
TRANSPORTATION & PUBLIC UTILITIES	13333	14102	17908	17379	17114	16847	16871	16811	16608	16865
WHOLESALE TRADE	5845	10062	15135	14937	14234	13981	14853	15024	14833	14748
RETAIL TRADE	28924	35733	52742	53234	54156	54757	58704	60129	63706	63546
FINANCE, INSURANCE AND REAL ESTATE	6094	9818	17196	17605	17837	18954	19497	20700	21693	22999
SERVICES	35877	46983	63470	64681	66698	68995	71602	76223	78812	81450
TOTAL GOVERNMENT	28861	61309	75362	75582	74613	73076	74459	74687	77282	78632
FEDERAL, CIVILIAN		9637	11630	11211	11377	11615	11954	12227	12611	
FEDERAL, MILITARY		24877	23571	24925	25539	23369	22747	22353	24405	
STATE & LOCAL		26795	40161	39446	37697	38092	39758	40107	40266	
TOTAL	172231	250762	336964	427868	339362	331122	342211	353086	362157	367016
EARNINGS BY PLACE OF WORK ($000)										
FARM	29549	36869	32477	41796	42229	53223	42250	49103	46155	
AG. SERVICE FOR FISH & OTHER	23063	23239	47628	35715	29317	36129	30220	37733	34808	
TOTAL FARM & AG. SERVICES COMBINED	52612	60108	80105	77511	71546	89353	72471	86837	80963	87324
MINING	6299	6939	34759	39072	35459	27683	30074	29792	25219	18457
CONSTRUCTION	117680	258328	379677	397930	437852	358046	309695	345599	327710	317613
MANUFACTURING	446296	851021	1160860	1228273	1180527	1066334	1090901	1106410	1133511	1139682
TRANSPORTATION & PUBLIC UTILITIES	182710	247065	344937	338634	327554	327858	321362	319932	316022	321202
WHOLESALE TRADE	105921	162377	249990	226181	217878	209717	228950	239708	238626	236609
RETAIL TRADE	239817	349664	469166	454351	451048	462680	484595	500896	525009	514888
FINANCE, INSURANCE AND REAL ESTATE	84729	127866	178387	173902	163645	178404	179098	197642	212228	211981
SERVICES	269287	465285	696751	715278	731559	758720	809595	882281	941476	1029762
TOTAL GOVERNMENT	654440	724173	895273	904967	910769	921928	950497	1011714	1049678	1058751
FEDERAL, CIVILIAN	332758	182967	217379	216153	214479	224301	233776	246507	239986	
FEDERAL, MILITARY	197227	252999	240563	260189	270932	256463	257922	266461	284638	
STATE & LOCAL	124455	288208	437331	428625	425359	441165	458800	498746	525055	
TOTAL EARNINGS FROM INDUSTRY	2159790	3252826	4489905	4556098	4527836	4400723	4477238	4720811	4850442	4936269

All dollar amounts adjusted for inflation to a base year of 1980.

*Net Migration figures for 1970 and 1980 are annual averages of the previous ten year period.

TABLE C4. DEMOGRAPHIC AND SOCIOECONOMIC CONDITIONS FOR COASTAL ANALYSIS AREA C4 (REVISED DATA SET) (CONTINUED).

	1960	1970	1980	1981	1982	1983	1984	1985	1986	1987
INCOME BY PLACE OF RESIDENCE ($000)										
TOTAL PERSONAL INCOME	2511474	3958157	5892506	6077926	6103158	6075006	6204703	6330455	6654791	6843888
NET EARNINGS	2081511	3084424	4270720	4315196	4262612	4167187	4251565	4440069	4553275	4635246
RESIDENTIAL ADJUSTMENT	-15190	-20765	14712	14212	-1315	20537	37313	6149	-8482	-3468
DIVIDEND, INTEREST, RENT	254412	417750	661456	765022	789726	780621	830926	713856	905875	968919
TRANSFER PAYMENTS	175551	455982	960330	997708	1050819	1127198	1122212	1176530	1195641	1239723
PER CAPITA INCOME ($)	4489	6336	7821	7968	7805	7701	7827	7887	8089	8267
LOCAL GOVERNMENT EXPENDITURE BY FUNCTION ($000)* (ONLY COUNTIES/PARISHES WITH 100,000+ POPULATION)										
DIRECT GENERAL EXPENDITURES	213661	370355			433304		501840	508892	571000	
EDUCATION	79637	141168			174949		196062	194406	221834	
HIGHWAYS	31071	28326			31961		25774	37655	40431	
PUBLIC WELFARE	584	670			1082		1804	1291	1790	
HEALTH & HOSPITALS	27196	52078			54892		75208	75288	72612	
POLICE PROTECTION	9127	16241			26807		25163	26133	28108	
FIRE PROTECTION	5785	11380			15151		13950	13984	14863	
HOUSING	8084	20359			8080		12162	14164	13064	
FINANCIAL ADMINISTRATION	2689	5002			10098		9184	9880	10533	
INTEREST ON GENERAL DEBT	11155	20055			22680		47967	40149	64408	
OTHER	38335	75075			87604		94566	95942	103357	
GENERAL DEBT OUTSTANDING	344166	432732			392470		1051879	809569	1074556	
LOCAL GOVERNMENT REVENUE BY SOURCE ($000)* (ONLY COUNTIES/PARISHES WITH 100,000+ POPULATION)										
GENERAL REVENUE TOTAL (EXCLUDING INTERLOCAL	194516	356360			450252		513262	536036	602671	
INTERGOVERMENTAL REVENUE	63259	138830			179543		203899	202404	217739	
FROM STATE	51237	71192			149752		161197	172743	190298	
FROM FEDERAL	12023	67638			29790		42702	29661	27443	
FROM LOCAL	131256	217527			270710		309363	333633	384930	
TAXES	82959	121870			133103		150274	165767	178705	
PROPERTY	52320	77549			79084		96635	102087	108295	
OTHER	30645	44323			54019		53638	63680	70409	
CHARGES & MISCELLANEOUS	48296	95658			137607		159090	167866	206227	

All dollar amounts adjusted for inflation to a base year of 1980.

*Local Government Expenditure & Revenue figures for 1960, 1970 and 1980 are from 1962, 1972 and 1982 Census of Governments data respectively. Data for 1984, 1985 and 1986 are from the U.S. Bureau of Census, Local Government Finances in Major County Areas.

TABLE C5. DEMOGRAPHIC AND SOCIOECONOMIC CONDITIONS FOR COASTAL ANALYSIS AREA W1.

	1960	1970	1980	1981	1982	1983	1984	1985	1986	1987
NUMBER OF INHABITANTS										
POPULATION	46475	53766	68807	71300	74000	74800	75000	75500	76200	75500
NET MIGRATION*		-83	842	1263	1630	-285	-828	-473	-217	
DATA BY MAJOR INDUSTRY										
NUMBER OF JOBS(FULL/PART-TIME)										
FARM		1275	1339	1322	1321	1380	1357	1285	1164	
AG. SERVICE FOR FISH & OTHER		102	166	193	197	193	216	228	228	
TOTAL FARM & AG. SERVICES COMBINED	1437	1377	1505	1515	1518	1573	1573	1513	1392	1386
MINING	853	826	3615	4467	3893	3302	3548	3408	2385	2037
CONSTRUCTION	1483	1257	2852	4172	4199	3206	3257	3256	2889	2485
MANUFACTURING	1898	2265	3350	4001	3735	3099	3106	3080	2959	2901
TRANSPORTATION & PUBLIC UTILITIES	1088	1274	1757	1894	1798	1641	1732	1711	1620	1588
WHOLESALE TRADE	551	785	1560	1790	1827	1719	1688	1863	1579	1534
RETAIL TRADE	2695	3894	6565	7307	7654	7467	7590	7796	7524	7214
FINANCE, INSURANCE AND REAL ESTATE	553	1004	1850	1987	2190	2346	2439	2583	2566	2665
SERVICES	2841	4932	7235	7825	8228	8305	8826	9323	9632	9763
TOTAL GOVERNMENT	1296	2990	4040	4141	4275	4395	4466	4630	4771	4932
FEDERAL, CIVILIAN		166	242	238	244	253	253	268	276	
FEDERAL, MILITARY		257	222	246	283	269	253	268	272	
STATE & LOCAL		2567	3576	3657	3748	3873	3960	4094	4223	
TOTAL	14695	20604	34329	44755	39317	37053	38225	39163	37317	36505
EARNINGS BY PLACE OF WORK ($000)										
FARM	8031	9021	-2844	3721	7011	5198	3965	4409	3059	
AG. SERVICE FOR FISH & OTHER	514	1495	2067	1986	1717	1965	2118	1974	1819	
TOTAL FARM & AG. SERVICES COMBINED	8546	10515	-777	5707	8728	7164	6082	6383	4878	7445
MINING	16002	13284	72579	99779	85120	65022	68045	63306	37616	32821
CONSTRUCTION	26910	21857	55274	74676	82266	61247	60517	58818	53024	47263
MANUFACTURING	22521	44643	81004	93866	89079	81172	79010	77361	72136	76474
TRANSPORTATION & PUBLIC UTILITIES	15999	24242	38876	41579	38116	35006	37531	37709	35599	33428
WHOLESALE TRADE	7361	12226	27334	31534	32759	30008	29517	34513	27279	24877
RETAIL TRADE	26638	45697	66831	70981	72109	71168	72214	72785	68557	63273
FINANCE, INSURANCE AND REAL ESTATE	7559	15580	20434	20111	21421	24419	24919	27983	27390	28244
SERVICES	25751	51145	93970	102432	103371	101936	110218	116519	118524	123482
TOTAL GOVERNMENT	16825	35752	48671	50296	54447	59631	61309	64741	66347	68155
FEDERAL, CIVILIAN	2149	3545	4945	5136	5133	5356	5546	5715	5582	
FEDERAL, MILITARY	1043	867	685	819	1009	1026	969	1082	1130	
STATE & LOCAL	13633	31340	43041	44341	48305	53249	54794	57944	59635	
TOTAL EARNINGS FROM INDUSTRY	174111	274941	504196	590959	587417	536773	549362	560118	511350	505462

All dollar amounts adjusted for inflation to a base year of 1980.

*Net Migration figures for 1970 and 1980 are annual averages of the previous ten year period.

TABLE C5. DEMOGRAPHIC AND SOCIOECONOMIC CONDITIONS FOR COASTAL ANALYSIS AREA W1 (CONTINUED).

	1960	1970	1980	1981	1982	1983	1984	1985	1986	1987
INCOME BY PLACE OF RESIDENCE ($000)										
TOTAL PERSONAL INCOME	233089	373512	697627	791144	814062	766014	791054	811220	772873	773820
NET EARNINGS	186613	293166	535067	608834	607243	557074	571418	580262	535555	527938
RESIDENTIAL ADJUSTMENT	16861	55448	48239	48239	50478	48707	51346	51514	53066	51329
DIVIDEND, INTEREST, RENT	35409	49358	94029	111100	130176	125435	138079	144546	145593	146849
TRANSFER PAYMENTS	11067	30988	68531	71210	76643	83505	81557	86412	91725	99033
PER CAPITA INCOME ($)	5015	6947	10139	11096	11001	10241	10547	10745	10143	10249
LOCAL GOVERNMENT EXPENDITURE BY FUNCTION ($000) (ONLY COUNTIES/PARISHES WITH 100,000+ POPULATION)										
DIRECT GENERAL EXPENDITURES										
EDUCATION										
HIGHWAYS										
PUBLIC WELFARE										
HEALTH & HOSPITALS										
POLICE PROTECTION										
FIRE PROTECTION										
HOUSING										
FINANCIAL ADMINISTRATION										
INTEREST ON GENERAL DEBT										
OTHER										
GENERAL DEBT OUTSTANDING										
LOCAL GOVERNMENT REVENUE BY SOURCE ($000) (ONLY COUNTIES/PARISHES WITH 100,000+ POPULATION)										
GENERAL REVENUE TOTAL (EXCLUDING INTERLOCAL)										
INTERGOVERMENTAL REVENUE										
FROM STATE										
FROM FEDERAL										
FROM LOCAL										
TAXES										
PROPERTY										
OTHER										
CHARGES & MISCELLANEOUS										

All dollar amounts adjusted for inflation to a base year of 1980.

*Local Government Expenditure & Revenue figures for 1960, 1970 and 1980 are from 1962, 1972 and 1982 Census of Governments data respectively. Data for 1984, 1985 and 1986 are from the U.S. Bureau of Census, Local Government Finances in Major County Areas.

TABLE C6. DEMOGRAPHIC AND SOCIOECONOMIC CONDITIONS FOR COASTAL ANALYSIS AREA W2 (REVISED DATA SET).

	1960	1970	1980	1981	1982	1983	1984	1985	1986	1987
NUMBER OF INHABITANTS										
POPULATION	641770	746656	972965	999700	1036500	1061000	1066700	1070300	1053800	1052100
NET MIGRATION		2206	15627	17263	25744	13237	-5123	-6808	-26220	
DATA BY MAJOR INDUSTRY										
NUMBER OF JOBS(FULL/PART-TIME)										
FARM		7458	8334	8162	8139	8429	8266	7840	7113	
AG. SERVICE FOR FISH & OTHER		2003	3087	3330	3414	3468	3470	3483	3491	
TOTAL FARM & AG. SERVICES COMBINED	8394	9461	11421	11492	11553	11897	11736	11323	10604	10586
MINING	7238	6339	11322	14266	14390	13258	14297	13538	10877	9443
CONSTRUCTION	17431	23201	47959	43273	37018	34271	35267	41688	38654	36895
MANUFACTURING	55410	62036	76698	84565	75376	67905	67066	64478	58542	56576
TRANSPORTATION & PUBLIC UTILITIES	18118	18818	25358	26385	25773	24130	24099	24050	23680	23796
WHOLESALE TRADE	5710	8544	14388	14784	13644	12634	12631	12492	12146	11480
RETAIL TRADE	35657	43189	67453	69979	71921	71575	73609	73401	71734	70903
FINANCE, INSURANCE AND REAL ESTATE	7568	11899	20081	20861	21965	22760	24446	25052	24767	24477
SERVICES	37658	48827	74065	78372	82708	84324	88846	91752	93723	96179
TOTAL GOVERNMENT	16296	44541	58691	60184	63041	64918	66098	68503	69638	70498
FEDERAL, CIVILIAN		3319	3358	3244	3185	3241	3291	3434	3567	
FEDERAL, MILITARY		4365	3646	3968	4493	4333	4086	4252	4304	
STATE & LOCAL		36857	51687	52972	55363	57344	58721	60817	61767	
TOTAL	209480	276855	407436	495837	417389	407672	418095	426277	414365	410833
EARNINGS BY PLACE OF WORK ($000)										
FARM	68822	44353	54676	35232	35398	21613	40692	40029	30226	
AG. SERVICE FOR FISH & OTHER	6744	23131	43491	33791	31948	38647	30270	32654	32308	
TOTAL FARM & AG. SERVICES COMBINED	75566	67484	98167	69023	67346	60261	70965	72682	62534	69753
MINING	164968	118194	276897	355080	344280	308576	326075	313014	238855	190727
CONSTRUCTION	283630	479622	1046986	895997	754213	706084	696818	857873	791852	743807
MANUFACTURING	1076989	1501111	2223171	2367704	2189371	2058988	2016959	1948783	1808211	1797141
TRANSPORTATION & PUBLIC UTILITIES	257809	371488	563556	578411	562957	529409	521267	525735	512208	508327
WHOLESALE TRADE	88840	140450	289171	283180	264004	234752	237470	231212	219857	207019
RETAIL TRADE	296910	437099	641494	644931	650987	670668	674557	662109	631191	601812
FINANCE, INSURANCE AND REAL ESTATE	99163	165527	221392	218344	215785	239534	258150	268915	262844	245134
SERVICES	277736	525947	907095	961959	1004943	1014001	1081916	1119913	1109806	1194506
TOTAL GOVERNMENT	290721	561172	760804	796036	865873	937728	979222	1021819	1035636	1055636
FEDERAL, CIVILIAN	40488	68056	68793	68650	66873	69253	71067	75408	74917	
FEDERAL, MILITARY	29051	23010	16926	19655	23105	23762	22541	23516	24195	
STATE & LOCAL	221182	470106	675085	707731	775895	844717	885614	922895	936526	
TOTAL EARNINGS FROM INDUSTRY	2912331	4368095	7028733	7170664	6919759	6760001	6863399	7022055	6672994	6613862

All dollar amounts adjusted for inflation to a base year of 1980.

*Net Migration figures for 1970 and 1980 are annual averages of the previous ten year period.

TABLE C6. DEMOGRAPHIC AND SOCIOECONOMIC CONDITIONS FOR COASTAL ANALYSIS AREA W2 (REVISED DATA SET) (CONTINUED).

	1960	1970	1980	1981	1982	1983	1984	1985	1986	1987
INCOME BY PLACE OF RESIDENCE ($000)										
TOTAL PERSONAL INCOME	3403034	5742717	10031689	10546550	10714000	10628340	10801029	11040145	10586341	10679925
NET EARNINGS	2853614	4635522	7974126	8285569	8226598	8052363	8087046	8147541	7597022	7651312
RESIDENTIAL ADJUSTMENT	12736	443530	1282891	1478816	1663331	1646331	1584080	1582787	1295499	1411548
DIVIDEND, INTEREST, RENT	366815	623615	1096193	1261194	1376992	1349974	1483083	1589575	1607633	1593014
TRANSFER PAYMENTS	182604	483580	961370	999786	1110411	1226003	1230900	1303028	1381686	1435599
PER CAPITA INCOME ($)	5303	7691	10310	10550	10337	10017	10126	10315	10046	10151
LOCAL GOVERNMENT EXPENDITURE BY FUNCTION ($000) (ONLY COUNTIES/PARISHES WITH 100,000+ POPULATION)										
DIRECT GENERAL EXPENDITURES	318987	524107			793058		920503	969147	1055028	
EDUCATION	145537	294639			405653		482481	501952	544451	
HIGHWAYS	30125	29733			46356		48738	46712	44493	
PUBLIC WELFARE	1542	2150			2263		2110	2531	3179	
HEALTH & HOSPITALS	11972	24852			52557		50234	57685	60475	
POLICE PROTECTION	10481	19841			36640		37838	41349	41174	
FIRE PROTECTION	6847	10187			13356		15242	16061	16670	
HOUSING	6573	9885			5896		6479	7727	10504	
FINANCIAL ADMINISTRATION	5222	6771			14179		15392	17596	17948	
INTEREST ON GENERAL DEBT	18711	28730			47138		107113	102467	110481	
OTHER	81976	97318			169021		154876	175067	205653	
GENERAL DEBT OUTSTANDING	555145	795778			1025129		1532247	1625991	1770287	
LOCAL GOVERNMENT REVENUE BY SOURCE ($000) (ONLY COUNTIES/PARISHES WITH 100,000+ POPULATION)										
GENERAL REVENUE TOTAL (EXCLUDING INTERLOCAL	305402	507000			817043		902202	1065319	1094013	
INTERGOVERMENTAL REVENUE	61158	128221			208705		220853	274947	263399	
FROM STATE	58302	113245			177274		190062	233754	226240	
FROM FEDERAL	2855	14976			31430		30792	41194	37158	
FROM LOCAL	244245	378777			608338		681348	790371	830614	
TAXES	181026	271194			385798		437192	485805	543561	
PROPERTY	175015	252560			348439		394449	438341	495218	
OTHER	6007	18633			37358		42744	47463	48343	
CHARGES & MISCELLANEOUS	63222	107587			222541		244155	304567	287052	

All dollar amounts adjusted for inflation to a base year of 1980.

*Local Government Expenditure & Revenue figures for 1960, 1970 and 1980 are from 1962, 1972 and 1982 Census of Governments data respectively. Data for 1984, 1985 and 1986 are from the U.S. Bureau of Census, Local Government Finances in Major County Areas.

TABLE C7. DEMOGRAPHIC AND SOCIOECONOMIC CONDITIONS FOR ALL CENTRAL (C1-C4) AND WESTERN (W1-W2) COASTAL ANALYSIS AREAS (REVISED DATA SET).

	1960	1970	1980	1981	1982	1983	1984	1985	1986	1987
NUMBER OF INHABITANTS										
POPULATION	3027684	3514450	4273107	4375400	4490000	4558200	4574200	4600800	4606600	4578600
NET MIGRATION*		-251	36970	44665	64434	17830	-32442	-20748	-39682	
DATA BY MAJOR INDUSTRY										
NUMBER OF JOBS(FULL/PART-TIME)										
FARM		32216	29802	29047	28613	28983	27990	26851	24968	
AG. SERVICE FOR FISH & OTHER		9561	15332	15632	15285	15728	15869	16250	15936	
TOTAL FARM & AG. SERVICES COMBINED	36588	41777	45134	44679	43898	44711	43859	43101	40904	40514
MINING	32053	48201	90640	102411	100299	88091	90385	89723	71028	62550
CONSTRUCTION	77871	102369	188646	185122	169409	155572	157937	158707	146583	136885
MANUFACTURING	186420	217618	267098	285731	262197	229303	225901	222030	211370	208215
TRANSPORTATION & PUBLIC UTILITIES	90716	109946	149386	156297	150825	140735	140575	138771	129999	127058
WHOLESALE TRADE	36606	70554	107207	110321	104940	98200	98665	97562	91844	88060
RETAIL TRADE	162870	214859	326806	337515	343198	346803	365074	365887	363894	358806
FINANCE, INSURANCE AND REAL ESTATE	39029	65047	112349	117650	121987	125819	131916	136925	139534	140797
SERVICES	192796	279500	413181	433519	455316	462400	482676	496543	504373	510345
TOTAL GOVERNMENT	99017	259083	338144	337998	348097	349818	354007	358879	360345	360420
FEDERAL, CIVILIAN		30239	37531	35029	34712	35178	35862	36811	37494	
FEDERAL, MILITARY		45917	42692	43834	47833	44099	43113	43665	45986	
STATE & LOCAL		182927	257921	259135	265552	270541	275032	278403	276865	
TOTAL	953966	1408954	2038591	2493920	2100166	2041452	2090995	2108128	2059874	2033650
EARNINGS BY PLACE OF WORK ($000)										
FARM	257381	234623	174798	156610	163213	145863	141582	144738	154063	
AG. SERVICE FOR FISH & OTHER	68894	114370	193850	136971	125775	152463	120130	153893	149657	
TOTAL FARM & AG. SERVICES COMBINED	326275	348992	368648	293581	288988	298331	261716	298630	303721	311451
MINING	810626	1058355	2288881	2675655	2643140	2291228	2304101	2334658	1801558	1504118
CONSTRUCTION	1071331	1937203	3866626	3701299	3381117	3061639	2911922	2904043	2615440	2418953
MANUFACTURING	2989562	4528708	6607465	7046461	6556189	5896670	5772081	5633823	5356995	5294321
TRANSPORTATION & PUBLIC UTILITIES	1360560	2034038	3163360	3243341	3147489	2978389	2924166	2883611	2690731	2596400
WHOLESALE TRADE	779504	1276694	2097870	2104413	2007447	1824648	1842231	1826611	1695437	1613715
RETAIL TRADE	1498348	2224694	3146158	3147961	3133559	3217616	3290395	3253398	3166816	3029422
FINANCE, INSURANCE AND REAL ESTATE	614110	947428	1337432	1345284	1355433	1466305	1518839	1584644	1629811	1563737
SERVICES	1656627	3104814	5331429	5652260	5951882	6090774	6460869	6673428	6677737	7047415
TOTAL GOVERNMENT	1999782	3175578	4280374	4372393	4593953	4708245	4804588	4961103	4958762	4961838
FEDERAL, CIVILIAN	612915	611995	729692	717906	706140	729868	746269	778766	756749	
FEDERAL, MILITARY	394340	355588	352957	385266	415851	397526	401275	416515	439284	
STATE & LOCAL	992527	2207995	3197725	3269221	3471962	3580853	3657048	3765823	3762728	
TOTAL EARNINGS FROM INDUSTRY	13106724	20636504	32488243	33582648	33059197	31833845	32090908	32353949	30897008	30341370

All dollar amounts adjusted for inflation to a base year of 1980.

*Net Migration figures for 1970 and 1980 are annual averages of the previous ten year period.

TABLE C7. DEMOGRAPHIC AND SOCIOECONOMIC CONDITIONS FOR ALL CENTRAL (C1-C4) AND WESTERN (W1-W2) COASTAL ANALYSIS AREAS (REVISED DATA SET) (CONTINUED).

	1960	1970	1980	1981	1982	1983	1984	1985	1986	1987
INCOME BY PLACE OF RESIDENCE ($000)										
TOTAL PERSONAL INCOME	15594827	25194313	40701532	42607966	42980070	42654971	43161720	43754052	42795958	42643237
NET EARNINGS	12716543	20040973	31392437	32415417	32075461	31130381	31325653	31411637	29952830	29548159
RESIDENTIAL ADJUSTMENT	-70967	274795	495247	599949	833130	1013197	988024	980768	839281	964218
DIVIDEND, INTEREST, RENT	1890673	2748839	4594981	5338025	5643322	5747712	6114735	6293723	6505884	6532569
TRANSFER PAYMENTS	987412	2404502	4714114	4854524	5261287	5776878	5721332	6048692	6337244	6562509
PER CAPITA INCOME ($)	5151	7169	9525	9738	9572	9358	9436	9510	9290	9314
LOCAL GOVERNMENT EXPENDITURE BY FUNCTION ($000) (ONLY COUNTIES/PARISHES WITH 100,000+ POPULATION)										
DIRECT GENERAL EXPENDITURES	1188793	2075942			2960997		3259939	3418043	3575675	
EDUCATION	462517	983869			1252215		1303575	1351294	1445800	
HIGHWAYS	111750	133228			170841		194347	219842	189148	
PUBLIC WELFARE	3254	8865			13368		13441	13784	15594	
HEALTH & HOSPITALS	55701	140958			243966		285754	315250	282677	
POLICE PROTECTION	53997	111061			173233		179479	193683	200781	
FIRE PROTECTION	33825	58165			75526		82040	86410	87638	
HOUSING	48015	45700			64996		35307	76051	66855	
FINANCIAL ADMINISTRATION	15489	27602			50009		54312	66570	61320	
INTEREST ON GENERAL DEBT	78671	132566			205181		330447	318346	347898	
OTHER	325575	433924			711660		781237	776813	877964	
GENERAL DEBT OUTSTANDING	2396992	3395130			3863278		5276769	5183602	5757515	
LOCAL GOVERNMENT REVENUE BY SOURCE ($000) (ONLY COUNTIES/PARISHES WITH 100,000+ POPULATION)										
GENERAL REVENUE TOTAL (EXCLUDING INTERLOCAL	1102934	2070211			3115928		3485441	3674274	3738882	
INTERGOVERMENTAL REVENUE	360493	733984			1072684		1050897	1111805	1098491	
FROM STATE	330944	586993			836014		823302	901620	903335	
FROM FEDERAL	29551	146991			236669		227596	210186	195158	
FROM LOCAL	742443	1336222			2043243		2434543	2562469	2640388	
TAXES	508854	916671			1180838		1382208	1462460	1525612	
PROPERTY	393074	593985			650065		763429	817252	900974	
OTHER	115781	322690			530772		618780	645208	624635	
CHARGES & MISCELLANEOUS	233593	419555			862405		1052335	1100010	1114776	

All dollar amounts adjusted for inflation to a base year of 1980.

*Local Government Expenditure & Revenue figures for 1960, 1970 and 1980 are from 1962, 1972 and 1982 Census of Governments data respectively. Data for 1984, 1985 and 1986 are from the U.S. Bureau of Census, Local Government Finances in Major County Areas.

TABLE C8. PERCENT CHANGE IN CONDITIONS FOR COASTAL AREA C1 (REVISED DATA SET).

	1960 TO 1970*	1970 TO 1980*	1980 TO 1981	1981 TO 1982	1982 TO 1983	1983 TO 1984	1984 TO 1985	1985 TO 1986	1986 TO 1987	1982 TO 1986
NUMBER OF INHABITANTS										
POPULATION	1.11%	2.06%	3.38%	3.33%	1.60%	-0.23%	0.40%	-0.06%	-1.64%	1.71%
DATA BY MAJOR INDUSTRY										
NUMBER OF JOBS(FULL/PART-TIME)										
FARM		-2.27%	-2.07%	-3.32%	1.05%	-3.86%	-2.34%	-1.77%		-6.81%
AG. SERVICE FOR FISH & OTHER		3.77%	-1.98%	8.73%	-1.53%	-0.88%	9.86%	-2.29%		4.78%
TOTAL FARM & AG. SERVICES COMBINED	1.42%	-1.59%	-2.06%	-1.08%	0.53%	-3.27%	0.15%	-1.89%	-1.99%	-4.45%
MINING	5.60%	14.45%	18.84%	0.83%	-13.15%	1.61%	1.63%	-26.76%	-15.08%	-34.31%
CONSTRUCTION	2.96%	10.53%	1.11%	-14.27%	-13.96%	-12.86%	2.44%	-4.41%	-13.28%	-26.58%
MANUFACTURING	0.76%	5.95%	10.74%	-11.28%	-15.06%	-3.91%	-3.89%	-1.02%	6.33%	-22.35%
TRANSPORTATION & PUBLIC UTILITIES	1.41%	7.96%	11.29%	5.75%	-10.51%	1.22%	0.15%	-9.48%	-7.64%	-17.90%
WHOLESALE TRADE	5.64%	16.77%	6.67%	-4.96%	-11.28%	-1.05%	-6.37%	-12.73%	-5.97%	-28.26%
RETAIL TRADE	2.75%	6.55%	6.59%	0.38%	1.49%	-0.33%	0.78%	-4.53%	-1.90%	-2.68%
FINANCE, INSURANCE AND REAL ESTATE	3.86%	13.57%	9.46%	6.26%	3.74%	2.11%	4.20%	0.88%	-4.42%	11.35%
SERVICES	3.90%	6.24%	9.57%	7.78%	-1.32%	3.28%	1.78%	-1.30%	-2.30%	2.39%
TOTAL GOVERNMENT	18.63%	2.27%	1.96%	3.75%	0.52%	-0.57%	0.49%	-0.13%	-2.37%	0.31%
FEDERAL, CIVILIAN		2.59%	1.81%	5.39%	3.73%	1.45%	3.03%	1.22%		9.75%
FEDERAL, MILITARY		-1.57%	-5.54%	28.74%	-9.32%	-1.20%	5.04%	0.98%		-4.97%
STATE & LOCAL		2.70%	2.56%	1.86%	1.20%	-0.64%	-0.04%	-0.31%		0.20%
TOTAL	4.18%	6.82%	23.87%	-12.72%	-5.39%	-0.41%	0.55%	-6.03%	-4.13%	-10.97%
EARNINGS BY PLACE OF WORK ($000)										
FARM	-1.54%	-3.21%	-36.42%	-3.30%	-19.16%	-7.37%	-29.64%	-19.53%		-57.60%
AG. SERVICE FOR FISH & OTHER	4.51%	2.37%	-18.22%	7.72%	1.45%	-15.80%	17.53%	-2.44%		-2.04%
TOTAL FARM & AG. SERVICES COMBINED	-0.89%	-2.25%	-31.43%	0.31%	-11.93%	-10.77%	-11.63%	-10.85%	-0.10%	-38.09%
MINING	3.59%	18.60%	24.97%	2.06%	-15.06%	-1.10%	2.90%	-28.21%	-20.36%	-37.94%
CONSTRUCTION	9.96%	13.39%	-0.05%	-20.07%	-10.90%	-21.80%	-5.76%	-4.95%	-15.13%	-37.59%
MANUFACTURING	3.12%	9.47%	10.48%	-11.70%	-15.36%	-5.32%	-4.94%	-2.24%	7.34%	-25.53%
TRANSPORTATION & PUBLIC UTILITIES	5.33%	10.49%	11.14%	6.63%	-10.60%	1.18%	-1.07%	-11.71%	-7.16%	-21.00%
WHOLESALE TRADE	6.88%	19.81%	6.72%	-5.11%	-14.37%	-3.31%	-5.83%	-14.72%	-8.25%	-33.51%
RETAIL TRADE	5.78%	5.55%	4.49%	-1.16%	0.58%	-2.89%	-1.43%	-8.26%	-5.24%	-11.67%
FINANCE, INSURANCE AND REAL ESTATE	3.25%	9.58%	5.73%	7.20%	6.38%	-1.02%	2.89%	0.29%	-11.27%	8.65%
SERVICES	8.79%	13.63%	12.80%	5.06%	-0.78%	4.82%	2.65%	-4.51%	0.89%	1.94%
TOTAL GOVERNMENT	2.38%	3.37%	6.73%	6.37%	2.92%	-1.26%	1.34%	-1.20%	-2.41%	1.75%
FEDERAL, CIVILIAN	3.12%	2.84%	3.27%	-0.01%	4.08%	-0.08%	4.77%	-3.01%		5.69%
FEDERAL, MILITARY	-9.16%	-0.20%	10.32%	32.47%	-2.99%	-2.35%	5.69%	4.16%		4.29%
STATE & LOCAL	11.25%	3.55%	7.05%	6.47%	2.97%	-1.35%	0.85%	-1.15%		1.27%
TOTAL EARNINGS FROM INDUSTRY	4.61%	10.38%	10.07%	-1.95%	-7.86%	-2.52%	-0.38%	-9.98%	-5.42%	-19.45%

All dollar amounts adjusted for inflation to a base year of 1980.

*Average annual percent change over the 10 year period.

TABLE C8. PERCENT CHANGE IN CONDITIONS FOR COASTAL AREA C1 (REVISED DATA SET) (CONTINUED).

	1960 TO 1970*	1970 TO 1980*	1980 TO 1981	1981 TO 1982	1982 TO 1983	1983 TO 1984	1984 TO 1985	1985 TO 1986	1986 TO 1987	1982 TO 1986
INCOME BY PLACE OF RESIDENCE ($000)										
TOTAL PERSONAL INCOME	5.13%	8.77%	8.82%	1.04%	-3.31%	-1.86%	0.92%	-5.22%	-3.32%	-9.23%
NET EARNINGS	4.39%	8.54%	8.36%	-1.76%	-7.35%	-2.13%	-0.57%	-8.33%	-5.58%	-17.35%
RESIDENTIAL ADJUSTMENT	-1.23%	-204.47%	-22.47%	6.97%	10.78%	7.24%	1.93%	28.60%	3.20%	42.04%
DIVIDEND, INTEREST, RENT	5.60%	10.77%	18.27%	9.43%	3.32%	1.99%	6.00%	-0.97%	-1.84%	10.62%
TRANSFER PAYMENTS	13.69%	8.47%	1.56%	12.53%	16.61%	-4.73%	3.30%	6.62%	5.68%	22.37%
PER CAPITA INCOME ($)	3.63%	5.56%	5.27%	-2.21%	-4.83%	-1.63%	0.52%	-5.16%	-1.71%	-10.76%
LOCAL GOVERNMENT EXPENDITURE BY FUNCTION ($000) (ONLY COUNTIES/PARISHES WITH 100,000+ POPULATION)										
DIRECT GENERAL EXPENDITURES	7.37%						4.51%	-3.53%		3.95%
EDUCATION	8.70%						-1.21%	10.76%		-13.91%
HIGHWAYS	1.20%						1.53%	-1.35%		1.86%
PUBLIC WELFARE	40.23%						-3.06%	-7.05%		-18.67%
HEALTH & HOSPITALS	8.35%						140.57%	-70.17%		1.43%
POLICE PROTECTION	14.67%						21.55%	-2.12%		46.31%
FIRE PROTECTION	12.22%						-3.06%	17.73%		27.70%
HOUSING	96.50%						-11.64%	-12.65%		-50.90%
FINANCIAL ADMINISTRATION	6.36%						18.20%	-1.40%		29.90%
INTEREST ON GENERAL DEBT	6.72%						-1.15%	-1.04%		39.13%
OTHER	4.42%						-15.52%	9.26%		22.56%
GENERAL DEBT OUTSTANDING	8.20%						2.83%	-8.67%		0.61%
LOCAL GOVERNMENT REVENUE BY SOURCE ($000) (ONLY COUNTIES/PARISHES WITH 100,000+ POPULATION)										
GENERAL REVENUE TOTAL (EXCLUDING INTERLOCAL	9.95%						10.14%	-5.87%		4.17%
INTERGOVERMENTAL REVENUE	9.35%						-1.98%	4.17%		-13.03%
FROM STATE	9.04%						2.51%	5.33%		-3.18%
FROM FEDERAL	19.87%						-25.14%	-4.03%		-51.37%
FROM LOCAL	10.42%						15.95%	-9.94%		14.83%
TAXES	10.77%						5.04%	9.65%		11.32%
PROPERTY	4.86%						3.28%	14.90%		45.70%
OTHER	48.56%						6.62%	5.10%		-8.97%
CHARGES & MISCELLANEOUS	9.67%						25.93%	-24.89%		19.01%

All dollar amounts adjusted for inflation to a base year of 1980.

*Average annual percent change over the 10 year period.

TABLE C9. PERCENT CHANGE IN CONDITIONS FOR COASTAL AREA C2 (REVISED DATA SET).

	1960 TO 1970*	1970 TO 1980*	1980 TO 1981	1981 TO 1982	1982 TO 1983	1983 TO 1984	1984 TO 1985	1985 TO 1986	1986 TO 1987	1982 TO 1986
NUMBER OF INHABITANTS										
POPULATION	2.52%	2.62%	3.31%	2.44%	1.77%	0.62%	0.79%	-0.02%	-1.10%	3.19%
DATA BY MAJOR INDUSTRY										
NUMBER OF JOBS(FULL/PART-TIME)										
FARM		-2.86%	-2.46%	-2.47%	-1.25%	-5.04%	-4.33%	-3.55%		-13.47%
AG. SERVICE FOR FISH & OTHER		5.17%	-1.21%	-5.93%	1.15%	-4.55%	5.49%	-2.95%		-1.15%
TOTAL FARM & AG. SERVICES COMBINED	0.92%	-1.03%	-1.98%	-3.82%	-0.33%	-4.85%	-0.52%	-3.30%	-3.71%	-8.78%
MINING	1.70%	10.54%	0.23%	-9.56%	-19.34%	-1.43%	1.65%	-20.12%	-10.60%	-35.44%
CONSTRUCTION	4.58%	12.05%	-1.60%	-11.24%	-7.44%	6.64%	-5.41%	-13.14%	-4.09%	-18.91%
MANUFACTURING	1.44%	3.87%	9.53%	-5.76%	-14.72%	-3.32%	-3.93%	-7.65%	-3.16%	-26.85%
TRANSPORTATION & PUBLIC UTILITIES	4.30%	7.18%	6.34%	-2.08%	-5.97%	1.54%	1.66%	-11.93%	-5.88%	-14.51%
WHOLESALE TRADE	15.75%	6.94%	3.63%	-2.48%	-6.18%	0.63%	-0.88%	-8.47%	-2.51%	-14.35%
RETAIL TRADE	4.50%	6.72%	4.48%	2.57%	3.12%	5.74%	-0.10%	-2.70%	-2.90%	5.99%
FINANCE, INSURANCE AND REAL ESTATE	9.27%	12.18%	6.86%	2.81%	2.32%	6.33%	5.57%	1.35%	-0.31%	16.39%
SERVICES	5.06%	6.75%	5.73%	5.23%	1.31%	2.64%	2.54%	1.89%	1.57%	8.65%
TOTAL GOVERNMENT	17.15%	4.60%	-2.70%	8.03%	0.25%	1.43%	0.76%	-0.10%	0.49%	2.35%
FEDERAL, CIVILIAN		2.25%	-1.92%	-0.26%	3.65%	4.61%	8.19%	0.51%		17.92%
FEDERAL, MILITARY		-1.12%	-6.39%	27.99%	-9.31%	0.65%	6.24%	0.96%		-2.10%
STATE & LOCAL		5.28%	-2.52%	7.28%	0.74%	1.34%	0.13%	-0.19%		2.03%
TOTAL	5.55%	6.45%	22.74%	-16.01%	-3.31%	2.39%	0.15%	-4.09%	-1.64%	-4.90%
EARNINGS BY PLACE OF WORK ($000)										
FARM	2.63%	-4.72%	7.08%	11.02%	-25.07%	-26.97%	4.30%	98.95%		13.54%
AG. SERVICE FOR FISH & OTHER	6.02%	4.16%	-39.32%	-8.78%	25.89%	-30.20%	49.62%	-4.47%		25.60%
TOTAL FARM & AG. SERVICES COMBINED	3.52%	-1.96%	-18.32%	2.97%	-6.71%	-28.54%	25.81%	40.56%	-12.41%	17.89%
MINING	4.01%	13.30%	0.43%	-5.69%	-18.31%	-5.14%	2.37%	-21.06%	-15.40%	-37.39%
CONSTRUCTION	7.36%	13.41%	-4.20%	-11.79%	-12.30%	-1.19%	-5.14%	-17.47%	-4.26%	-32.16%
MANUFACTURING	4.56%	6.75%	9.38%	-4.10%	-11.94%	-3.35%	-3.77%	-8.25%	-4.06%	-24.85%
TRANSPORTATION & PUBLIC UTILITIES	8.77%	9.41%	3.50%	-0.78%	-4.45%	-0.37%	1.03%	-12.35%	-6.42%	-15.71%
WHOLESALE TRADE	7.69%	8.48%	-1.18%	-1.94%	-8.88%	0.82%	-0.96%	-10.91%	-4.18%	-18.94%
RETAIL TRADE	4.08%	6.25%	0.48%	-0.34%	2.60%	1.50%	-1.13%	-6.56%	-6.09%	-3.78%
FINANCE, INSURANCE AND REAL ESTATE	8.17%	8.27%	2.99%	2.96%	7.36%	3.84%	5.08%	0.77%	-5.59%	18.05%
SERVICES	9.90%	10.24%	4.93%	5.24%	-0.26%	4.75%	1.72%	-1.52%	6.10%	4.67%
TOTAL GOVERNMENT	13.16%	5.72%	-0.40%	6.63%	-0.51%	0.84%	2.17%	-1.96%	-0.58%	0.51%
FEDERAL, CIVILIAN	11.37%	2.37%	0.23%	-1.91%	4.83%	6.04%	7.04%	-3.38%		14.97%
FEDERAL, MILITARY	-0.36%	0.67%	2.70%	33.68%	-1.32%	1.50%	9.21%	4.21%		13.99%
STATE & LOCAL	14.11%	6.13%	-0.49%	6.79%	-0.82%	0.49%	1.70%	-1.99%		-0.66%
TOTAL EARNINGS FROM INDUSTRY	6.99%	8.37%	2.07%	-1.47%	-6.05%	-0.15%	-0.22%	-7.40%	-2.74%	-13.32%

All dollar amounts adjusted for inflation to a base year of 1980.

*Average annual percent change over the 10 year period.

TABLE C9. PERCENT CHANGE IN CONDITIONS FOR COASTAL AREA C2 (REVISED DATA SET) (CONTINUED).

	1960 TO 1970*	1970 TO 1980*	1980 TO 1981	1981 TO 1982	1982 TO 1983	1983 TO 1984	1984 TO 1985	1985 TO 1986	1986 TO 1987	1982 TO 1986
INCOME BY PLACE OF RESIDENCE ($000)										
TOTAL PERSONAL INCOME	7.03%	7.96%	4.11%	0.11%	-0.83%	1.16%	0.89%	-4.35%	-0.91%	-3.19%
NET EARNINGS	7.08%	7.61%	2.52%	-1.85%	-3.65%	0.77%	-0.50%	-6.75%	-2.21%	-9.92%
RESIDENTIAL ADJUSTMENT	88.62%	-22.10%	61.82%	-20.63%	376.76%	59.15%	-0.26%	18.97%	11.93%	622.63%
DIVIDEND, INTEREST, RENT	3.50%	8.67%	17.85%	5.40%	4.77%	5.66%	4.64%	-0.53%	-0.11%	15.21%
TRANSFER PAYMENTS	12.94%	10.41%	3.13%	9.69%	13.10%	-1.10%	5.46%	5.56%	4.96%	24.52%
PER CAPITA INCOME ($)	3.60%	4.23%	0.78%	-2.27%	-2.56%	0.54%	0.10%	-4.33%	0.18%	-6.18%
LOCAL GOVERNMENT EXPENDITURE BY FUNCTION ($000) (ONLY COUNTIES/PARISHES WITH 100,000+ POPULATION)										
DIRECT GENERAL EXPENDITURES	9.63%						7.41%	2.77%		5.19%
EDUCATION	15.24%						7.88%	1.91%		-2.08%
HIGHWAYS	9.06%						41.10%	-54.30%		12.56%
PUBLIC WELFARE	3.27%						-26.93%	-32.92%		-68.05%
HEALTH & HOSPITALS	26.81%						-14.42%	10.95%		-17.08%
POLICE PROTECTION	9.46%						-10.64%	-0.85%		-10.54%
FIRE PROTECTION	6.31%						9.72%	-6.40%		13.26%
HOUSING	647.50%						87.33%	-44.08%		-44.49%
FINANCIAL ADMINISTRATION	12.71%						7.34%	1.98%		5.42%
INTEREST ON GENERAL DEBT	8.30%						-5.81%	-0.40%		4.69%
OTHER	-0.09%						9.83%	31.65%		28.40%
GENERAL DEBT OUTSTANDING	9.53%						-0.58%	-1.07%		-3.06%
LOCAL GOVERNMENT REVENUE BY SOURCE ($000) (ONLY COUNTIES/PARISHES WITH 100,000+ POPULATION)										
GENERAL REVENUE TOTAL (EXCLUDING INTERLOCAL	13.23%						-15.86%	5.49%		6.72%
INTERGOVERMENTAL REVENUE	10.84%						3.50%	2.13%		-10.61%
FROM STATE	6.56%						4.19%	0.16%		-8.03%
FROM FEDERAL	135.55%						0.64%	10.52%		-19.31%
FROM LOCAL	15.12%						-23.72%	7.34%		18.80%
TAXES	16.61%						6.74%	4.13%		21.88%
PROPERTY	9.78%						3.82%	12.07%		28.49%
OTHER	31.50%						8.02%	0.79%		19.01%
CHARGES & MISCELLANEOUS	9.91%						-49.79%	13.18%		13.98%

All dollar amounts adjusted for inflation to a base year of 1980.

*Average annual percent change over the 10 year period.

TABLE C10. PERCENT CHANGE IN CONDITIONS FOR COASTAL AREA C3 (REVISED DATA SET).

	1960 TO 1970*	1970 TO 1980*	1980 TO 1981	1981 TO 1982	1982 TO 1983	1983 TO 1984	1984 TO 1985	1985 TO 1986	1986 TO 1987	1982 TO 1986
NUMBER OF INHABITANTS										
POPULATION	1.52%	1.33%	1.78%	1.62%	1.04%	0.15%	0.28%	0.16%	-1.03%	1.63%
DATA BY MAJOR INDUSTRY										
NUMBER OF JOBS(FULL/PART-TIME)										
FARM		4.16%	-0.60%	-1.21%	0.82%	-3.93%	-2.75%	-2.03%		-7.72%
AG. SERVICE FOR FISH & OTHER		5.15%	4.78%	0.67%	2.81%	-0.24%	5.58%	2.17%		10.64%
TOTAL FARM & AG. SERVICES COMBINED	-1.29%	4.76%	2.86%	0.02%	2.13%	-1.48%	2.86%	0.87%	-0.02%	4.41%
MINING	15.69%	3.51%	9.95%	0.92%	-8.18%	1.97%	-1.27%	-14.52%	-9.88%	-20.98%
CONSTRUCTION	2.89%	4.57%	1.05%	-1.95%	-2.84%	2.25%	-13.45%	-7.72%	-9.16%	-20.65%
MANUFACTURING	0.96%	0.14%	-0.17%	-9.43%	-12.66%	-4.01%	-2.09%	-5.64%	-4.26%	-22.54%
TRANSPORTATION & PUBLIC UTILITIES	2.96%	1.89%	4.43%	-7.87%	-7.41%	-1.67%	-4.17%	-6.03%	-1.26%	-18.01%
WHOLESALE TRADE	10.59%	2.34%	2.43%	-5.38%	-6.17%	-0.94%	-0.91%	-4.80%	-5.44%	-12.32%
RETAIL TRADE	3.85%	3.97%	1.77%	0.69%	0.90%	7.96%	-0.74%	0.07%	-0.95%	8.22%
FINANCE, INSURANCE AND REAL ESTATE	7.03%	4.73%	3.72%	3.35%	1.73%	4.44%	2.37%	2.95%	1.64%	11.99%
SERVICES	5.91%	4.00%	3.81%	4.58%	1.68%	5.25%	1.57%	1.16%	0.36%	9.96%
TOTAL GOVERNMENT	19.55%	2.83%	-0.60%	1.42%	0.91%	0.65%	1.32%	-2.21%	-1.92%	0.62%
FEDERAL, CIVILIAN		3.20%	-10.76%	-3.16%	0.03%	0.92%	1.46%	0.75%		3.18%
FEDERAL, MILITARY		-0.34%	-2.22%	14.08%	-7.06%	-1.02%	4.11%	1.46%		-2.81%
STATE & LOCAL		3.31%	2.15%	0.80%	2.24%	0.81%	0.93%	-3.31%		0.58%
TOTAL	5.78%	3.08%	18.98%	-14.22%	-1.76%	2.91%	-0.74%	-1.94%	-1.75%	-1.59%
EARNINGS BY PLACE OF WORK ($000)										
FARM	-4.54%	-0.60%	-3.80%	-5.36%	37.83%	-8.69%	17.24%	21.76%		79.64%
AG. SERVICE FOR FISH & OTHER	12.12%	8.19%	-37.54%	-5.97%	27.64%	-22.24%	48.22%	2.70%		51.10%
TOTAL FARM & AG. SERVICES COMBINED	1.46%	5.51%	-31.30%	-5.81%	30.29%	-18.51%	38.67%	7.66%	2.32%	58.52%
MINING	5.83%	5.60%	15.58%	1.22%	-8.46%	2.41%	2.42%	-17.56%	-12.63%	-20.84%
CONSTRUCTION	8.58%	6.25%	-0.85%	-1.13%	-2.21%	-0.91%	-18.48%	-8.83%	-11.83%	-27.98%
MANUFACTURING	5.52%	1.76%	2.15%	-9.97%	-13.52%	-3.90%	-1.72%	-5.84%	-5.93%	-23.09%
TRANSPORTATION & PUBLIC UTILITIES	4.59%	4.06%	0.92%	-6.42%	-5.24%	-3.74%	-4.01%	-5.81%	-3.88%	-17.53%
WHOLESALE TRADE	6.30%	3.14%	2.20%	-5.51%	-8.29%	0.12%	-1.12%	-5.49%	-5.10%	-14.19%
RETAIL TRADE	5.04%	2.76%	-0.96%	-1.19%	3.62%	4.59%	-2.72%	-0.57%	-3.89%	4.83%
FINANCE, INSURANCE AND REAL ESTATE	4.63%	2.56%	0.39%	1.05%	7.42%	3.80%	2.35%	5.26%	-2.44%	20.16%
SERVICES	8.78%	5.38%	5.36%	7.03%	4.99%	6.53%	2.17%	0.30%	4.47%	14.61%
TOTAL GOVERNMENT	7.49%	2.95%	2.01%	4.30%	1.42%	1.51%	1.57%	-2.14%	-0.89%	2.33%
FEDERAL, CIVILIAN	4.54%	2.20%	-3.42%	-2.15%	2.17%	0.41%	2.70%	-3.31%		1.87%
FEDERAL, MILITARY	-1.83%	2.58%	11.68%	11.11%	-4.29%	3.95%	3.71%	2.74%		6.01%
STATE & LOCAL	11.56%	3.31%	3.31%	6.04%	1.72%	1.67%	1.00%	-2.21%		2.14%
TOTAL EARNINGS FROM INDUSTRY	6.29%	3.76%	2.76%	-0.57%	-1.51%	1.71%	-1.20%	-3.49%	-2.43%	-4.49%

All dollar amounts adjusted for inflation to a base year of 1980.

*Average annual percent change over the 10 year period.

TABLE C10. PERCENT CHANGE IN CONDITIONS FOR COASTAL AREA C3 (REVISED DATA SET) (CONTINUED).

	1960 TO 1970*	1970 TO 1980*	1980 TO 1981	1981 TO 1982	1982 TO 1983	1983 TO 1984	1984 TO 1985	1985 TO 1986	1986 TO 1987	1982 TO 1986
INCOME BY PLACE OF RESIDENCE ($000)										
TOTAL PERSONAL INCOME	5.75%	4.10%	3.45%	0.80%	0.49%	1.36%	0.73%	-1.52%	-1.77%	1.04%
NET EARNINGS	5.65%	3.49%	1.74%	-0.47%	-1.46%	0.94%	-1.36%	-3.32%	-2.83%	-5.14%
RESIDENTIAL ADJUSTMENT	-30.61%	-7.27%	-15.54%	7.96%	-1.35%	-14.36%	3.58%	7.83%	-5.15%	-3.00%
DIVIDEND, INTEREST, RENT	2.97%	4.61%	15.49%	2.36%	4.48%	5.55%	4.85%	0.71%	-0.43%	16.44%
TRANSFER PAYMENTS	13.18%	8.48%	2.03%	6.74%	7.14%	-0.84%	7.12%	4.79%	1.54%	19.25%
PER CAPITA INCOME ($)	3.68%	2.45%	1.64%	-0.80%	-0.54%	1.20%	0.44%	-1.67%	-0.75%	-0.58%
LOCAL GOVERNMENT EXPENDITURE BY FUNCTION ($000) (ONLY COUNTIES/PARISHES WITH 100,000+ POPULATION)										
DIRECT GENERAL EXPENDITURES	7.70%						5.37%	0.98%		17.13%
EDUCATION	13.98%						5.58%	2.39%		8.11%
HIGHWAYS	5.01%						8.86%	-18.60%		18.88%
PUBLIC WELFARE	45.89%						9.57%	11.26%		24.42%
HEALTH & HOSPITALS	34.03%						-0.60%	-3.33%		14.60%
POLICE PROTECTION	11.96%						10.48%	7.23%		23.09%
FIRE PROTECTION	6.87%						7.61%	-1.82%		19.53%
HOUSING	-8.98%						479.64%	-17.70%		-0.53%
FINANCIAL ADMINISTRATION	11.36%						42.30%	-23.29%		35.79%
INTEREST ON GENERAL DEBT	7.03%						3.61%	-2.27%		34.33%
OTHER	3.19%						-5.57%	8.57%		24.59%
GENERAL DEBT OUTSTANDING	2.50%						2.58%	17.45%		41.19%
LOCAL GOVERNMENT REVENUE BY SOURCE ($000) (ONLY COUNTIES/PARISHES WITH 100,000+ POPULATION)										
GENERAL REVENUE TOTAL (EXCLUDING INTERLOCAL	9.18%						2.83%	-2.16%		13.32%
INTERGOVERMENTAL REVENUE	9.57%						1.53%	-5.95%		-8.57%
FROM STATE	8.46%						5.86%	-4.39%		-3.37%
FROM FEDERAL	22.09%						-9.42%	-10.55%		-21.83%
FROM LOCAL	8.95%						3.40%	-0.56%		25.35%
TAXES	10.04%						0.27%	-4.38%		23.75%
PROPERTY	5.06%						0.69%	4.26%		31.70%
OTHER	18.57%						0.07%	-8.63%		19.70%
CHARGES & MISCELLANEOUS	7.05%						8.03%	4.70%		27.43%

All dollar amounts adjusted for inflation to a base year of 1980.

*Average annual percent change over the 10 year period.

TABLE C11. PERCENT CHANGE IN CONDITIONS FOR COASTAL AREA C4 (REVISED DATA SET).

	1960 TO 1970*	1970 TO 1980*	1980 TO 1981	1981 TO 1982	1982 TO 1983	1983 TO 1984	1984 TO 1985	1985 TO 1986	1986 TO 1987	1982 TO 1986
NUMBER OF INHABITANTS										
POPULATION	1.17%	2.06%	1.24%	2.52%	0.88%	0.48%	1.25%	2.50%	0.63%	5.20%
DATA BY MAJOR INDUSTRY										
NUMBER OF JOBS(FULL/PART-TIME)										
FARM		0.46%	-4.27%	-0.83%	0.22%	-3.91%	-4.04%	-12.40%		-19.04%
AG. SERVICE FOR FISH & OTHER		9.14%	-0.63%	-8.37%	7.41%	6.67%	-2.76%	-5.65%		5.13%
TOTAL FARM & AG. SERVICES COMBINED	4.22%	2.74%	-2.83%	-3.87%	2.99%	0.33%	-3.49%	-9.50%	0.73%	-9.75%
MINING	-0.79%	18.73%	15.69%	-8.83%	-8.56%	17.63%	-8.48%	-13.90%	6.12%	-15.25%
CONSTRUCTION	2.36%	5.31%	-0.31%	0.03%	-12.25%	-0.02%	8.36%	-0.41%	-5.10%	-5.32%
MANUFACTURING	4.12%	2.21%	5.18%	-4.46%	-12.68%	2.80%	3.86%	1.87%	1.06%	-5.02%
TRANSPORTATION & PUBLIC UTILITIES	0.58%	2.70%	-2.95%	-1.52%	-1.56%	0.14%	-0.36%	-1.21%	1.55%	-2.96%
WHOLESALE TRADE	7.21%	5.04%	-1.31%	-4.71%	-1.78%	6.24%	1.15%	-1.27%	-0.57%	4.21%
RETAIL TRADE	2.35%	4.76%	0.93%	1.73%	1.11%	7.21%	2.43%	5.95%	-0.25%	17.63%
FINANCE, INSURANCE AND REAL ESTATE	6.11%	7.51%	2.38%	1.32%	6.26%	2.86%	6.17%	4.60%	6.02%	21.62%
SERVICES	3.10%	3.51%	1.91%	3.12%	3.44%	3.78%	6.45%	3.40%	3.35%	18.16%
TOTAL GOVERNMENT	11.24%	2.29%	0.29%	-1.28%	-2.06%	1.89%	0.31%	3.47%	1.75%	3.58%
FEDERAL, CIVILIAN		2.07%	-3.60%	1.48%	2.09%	2.92%	2.28%	3.14%		10.85%
FEDERAL, MILITARY		-0.52%	5.74%	2.46%	-8.50%	-2.66%	-1.73%	9.18%		-4.44%
STATE & LOCAL		4.99%	-1.78%	-4.43%	1.05%	4.37%	0.88%	0.40%		6.81%
TOTAL	4.56%	3.44%	26.98%	-20.69%	-2.43%	3.35%	3.18%	2.57%	1.34%	6.72%
EARNINGS BY PLACE OF WORK ($000)										
FARM	2.48%	-1.19%	28.70%	1.03%	26.04%	-20.62%	16.22%	-6.00%		9.30%
AG. SERVICE FOR FISH & OTHER	0.08%	10.49%	-25.01%	-17.91%	23.23%	-16.36%	24.86%	-7.75%		18.73%
TOTAL FARM & AG. SERVICES COMBINED	1.42%	3.33%	-3.24%	-7.70%	24.89%	-18.89%	19.82%	-6.76%	7.86%	13.16%
MINING	1.01%	40.09%	12.41%	-9.25%	-21.93%	8.64%	-0.94%	-15.35%	-26.81%	-28.88%
CONSTRUCTION	11.95%	4.70%	4.81%	10.03%	-18.23%	-13.50%	11.59%	-5.18%	-3.08%	-25.16%
MANUFACTURING	9.07%	3.64%	5.81%	-3.89%	-9.67%	2.30%	1.42%	2.45%	0.54%	-3.98%
TRANSPORTATION & PUBLIC UTILITIES	3.52%	3.96%	-1.83%	-3.27%	0.09%	-1.98%	-0.44%	-1.22%	1.64%	-3.52%
WHOLESALE TRADE	5.33%	5.40%	-9.52%	-3.67%	-3.75%	9.17%	4.70%	-0.45%	-0.85%	9.52%
RETAIL TRADE	4.58%	3.42%	-3.16%	-0.73%	2.58%	4.74%	3.36%	4.81%	-1.93%	16.40%
FINANCE, INSURANCE AND REAL ESTATE	5.09%	3.95%	-2.51%	-5.90%	9.02%	0.39%	10.35%	7.38%	-0.12%	29.69%
SERVICES	7.28%	4.97%	2.66%	2.28%	3.71%	6.71%	8.98%	6.71%	9.38%	28.69%
TOTAL GOVERNMENT	1.07%	2.36%	1.08%	0.64%	1.23%	3.10%	6.44%	3.75%	0.86%	15.25%
FEDERAL, CIVILIAN	-4.50%	1.88%	-0.56%	-0.77%	4.58%	4.22%	5.45%	-2.65%		11.89%
FEDERAL, MILITARY	2.83%	-0.49%	8.16%	4.13%	-5.34%	0.57%	3.31%	6.82%		5.06%
STATE & LOCAL	13.16%	5.17%	-1.99%	-0.76%	3.72%	4.00%	8.71%	5.28%		23.44%
TOTAL EARNINGS FROM INDUSTRY	5.06%	3.80%	1.47%	-0.62%	-2.81%	1.74%	5.44%	2.75%	1.77%	7.12%

All dollar amounts adjusted for inflation to a base year of 1980.

*Average annual percent changes over the 10 year period.

TABLE C11. PERCENT CHANGE IN CONDITIONS FOR COASTAL AREA C4 (REVISED DATA SET) (CONTINUED).

	1960 TO 1970*	1970 TO 1980*	1980 TO 1981	1981 TO 1982	1982 TO 1983	1983 TO 1984	1984 TO 1985	1985 TO 1986	1986 TO 1987	1982 TO 1986
INCOME BY PLACE OF RESIDENCE ($000)										
TOTAL PERSONAL INCOME	5.76%	4.89%	3.15%	0.42%	-0.46%	2.13%	2.03%	5.12%	2.84%	9.04%
NET EARNINGS	4.82%	3.85%	1.04%	-1.22%	-2.24%	2.02%	4.43%	2.55%	1.80%	6.82%
RESIDENTIAL ADJUSTMENT	-3.67%	17.08%	-3.40%	-109.25%	1661.75%	81.69%	-83.52%	-237.94%	59.11%	-545.02%
DIVIDEND, INTEREST, RENT	6.42%	5.83%	15.66%	3.23%	-1.15%	6.44%	-14.09%	26.90%	6.96%	14.71%
TRANSFER PAYMENTS	15.97%	11.06%	3.89%	5.32%	7.27%	-0.44%	4.84%	1.62%	3.69%	13.78%
PER CAPITA INCOME ($)	4.11%	2.34%	1.88%	-2.05%	-1.33%	1.65%	0.77%	2.56%	2.20%	3.64%
LOCAL GOVERNMENT EXPENDITURE BY FUNCTION ($000) (ONLY COUNTIES/PARISHES WITH 100,000+ POPULATION)										
DIRECT GENERAL EXPENDITURES	7.33%						1.41%	12.20%		31.78%
EDUCATION	7.73%						-0.84%	14.11%		26.80%
HIGHWAYS	-0.88%						46.10%	7.37%		26.50%
PUBLIC WELFARE	1.47%						-28.44%	38.65%		65.43%
HEALTH & HOSPITALS	9.15%						0.11%	-3.55%		32.28%
POLICE PROTECTION	7.79%						3.85%	7.56%		4.85%
FIRE PROTECTION	9.67%						0.24%	6.29%		-1.90%
HOUSING	15.18%						16.46%	-7.77%		61.68%
FINANCIAL ADMINISTRATION	8.60%						7.58%	6.61%		4.31%
INTEREST ON GENERAL DEBT	7.98%						-16.30%	60.42%		183.99%
OTHER	9.58%						1.46%	7.73%		17.98%
GENERAL DEBT OUTSTANDING	2.57%						-23.04%	32.73%		173.79%
LOCAL GOVERNMENT REVENUE BY SOURCE ($000) (ONLY COUNTIES/PARISHES WITH 100,000+ POPULATION)										
GENERAL REVENUE TOTAL (EXCLUDING INTERLOCAL	8.32%						4.44%	12.43%		33.85%
INTERGOVERMENTAL REVENUE	11.95%						-0.73%	7.58%		21.27%
FROM STATE	3.89%						7.16%	10.16%		27.08%
FROM FEDERAL	46.26%						-30.54%	-7.48%		-7.88%
FROM LOCAL	6.57%						7.85%	15.38%		42.19%
TAXES	4.69%						10.31%	7.80%		34.26%
PROPERTY	4.82%						5.64%	6.08%		36.94%
OTHER	4.46%						18.72%	10.57%		30.34%
CHARGES & MISCELLANEOUS	9.81%						5.52%	22.85%		49.87%

All dollar amounts adjusted for inflation to a base year of 1980.

*Average annual percent changes over the 10 year period.

TABLE C12. PERCENT CHANGE IN CONDITIONS FOR COASTAL AREA W1 (REVISED DATA SET).

	1960 TO 1970*	1970 TO 1980*	1980 TO 1981	1981 TO 1982	1982 TO 1983	1983 TO 1984	1984 TO 1985	1985 TO 1986	1986 TO 1987	1982 TO 1986
NUMBER OF INHABITANTS										
POPULATION	1.57%	2.80%	3.62%	3.79%	1.08%	0.27%	0.67%	0.93%	-0.92%	2.97%
DATA BY MAJOR INDUSTRY										
NUMBER OF JOBS(FULL/PART-TIME)										
FARM		0.50%	-1.27%	-0.08%	4.47%	-1.67%	-5.31%	-9.42%		-11.88%
AG. SERVICE FOR FISH & OTHER		6.27%	16.27%	2.07%	-2.03%	11.92%	5.56%	0.00%		15.74%
TOTAL FARM & AG. SERVICES COMBINED	-0.42%	0.93%	0.66%	0.20%	3.62%	0.00%	-3.81%	-8.00%	-0.43%	-8.30%
MINING	-0.32%	33.77%	23.57%	-12.85%	-15.18%	7.45%	-3.95%	-30.02%	-14.59%	-38.74%
CONSTRUCTION	-1.52%	12.69%	46.28%	0.65%	-23.65%	1.59%	-0.03%	-11.27%	-13.98%	-31.20%
MANUFACTURING	1.93%	4.79%	19.43%	-6.65%	-17.03%	0.23%	-0.84%	-3.93%	-1.96%	-20.78%
TRANSPORTATION & PUBLIC UTILITIES	1.71%	3.79%	7.80%	-5.07%	-8.73%	5.55%	-1.21%	-5.32%	-1.98%	-9.90%
WHOLESALE TRADE	4.25%	9.67%	14.74%	2.07%	-5.91%	-1.80%	10.37%	-15.24%	-2.85%	-13.57%
RETAIL TRADE	4.45%	6.86%	11.30%	4.75%	-2.44%	1.65%	2.71%	-3.49%	-4.12%	-1.70%
FINANCE, INSURANCE AND REAL ESTATE	8.16%	8.43%	7.41%	10.22%	7.12%	3.96%	5.90%	-0.66%	3.86%	17.17%
SERVICES	7.36%	4.67%	8.15%	5.15%	0.94%	6.27%	5.63%	3.31%	1.36%	17.06%
TOTAL GOVERNMENT	13.07%	3.51%	2.50%	3.24%	2.81%	1.62%	3.67%	3.05%	3.37%	11.60%
FEDERAL, CIVILIAN		4.58%	-1.65%	2.52%	3.69%	0.00%	5.93%	2.99%		13.11%
FEDERAL, MILITARY		-1.36%	10.81%	15.04%	-4.95%	-5.95%	5.93%	1.49%		-3.89%
STATE & LOCAL		3.93%	2.27%	2.49%	3.34%	2.25%	3.38%	3.15%		12.67%
TOTAL	4.02%	6.66%	30.37%	-12.15%	-5.76%	3.16%	2.45%	-4.71%	-2.18%	-5.09%
EARNINGS BY PLACE OF WORK ($000)										
FARM	1.23%	-13.15%	-230.84%	88.41%	-25.86%	-23.72%	11.20%	-30.62%		-56.37%
AG. SERVICE FOR FISH & OTHER	19.06%	3.83%	-3.94%	-13.51%	14.42%	7.79%	-6.80%	-7.85%		5.91%
TOTAL FARM & AG. SERVICES COMBINED	2.30%	-10.74%	-834.44%	52.95%	-17.92%	-15.10%	4.95%	-23.58%	52.62%	-44.11%
MINING	-1.70%	44.64%	37.48%	-14.69%	-23.61%	4.65%	-6.96%	-40.58%	-12.75%	-55.81%
CONSTRUCTION	-1.88%	15.29%	35.10%	10.16%	-25.55%	-1.19%	-2.81%	-9.85%	-10.86%	-35.55%
MANUFACTURING	9.82%	8.14%	15.88%	-5.10%	-8.88%	-2.66%	-2.09%	-6.75%	6.01%	-19.02%
TRANSPORTATION & PUBLIC UTILITIES	5.15%	6.04%	6.95%	-8.33%	-8.16%	7.21%	0.47%	-5.60%	-6.10%	-6.60%
WHOLESALE TRADE	6.61%	12.36%	15.37%	3.88%	-8.40%	-1.64%	16.93%	-20.96%	-8.81%	-16.73%
RETAIL TRADE	7.15%	4.62%	6.21%	1.59%	-1.31%	1.47%	0.79%	-5.81%	-7.71%	-4.93%
FINANCE, INSURANCE AND REAL ESTATE	10.61%	3.12%	-1.58%	6.51%	14.00%	2.05%	12.30%	-2.12%	3.12%	27.87%
SERVICES	9.86%	8.37%	9.01%	0.92%	-1.39%	8.12%	5.72%	1.72%	4.18%	14.66%
TOTAL GOVERNMENT	11.25%	3.61%	3.34%	8.25%	9.52%	2.81%	5.60%	2.48%	2.73%	21.86%
FEDERAL, CIVILIAN	6.49%	3.95%	3.86%	-0.05%	4.34%	3.55%	3.05%	-2.33%		8.74%
FEDERAL, MILITARY	-1.68%	-2.10%	19.56%	23.17%	1.71%	-5.56%	11.66%	4.44%		12.02%
STATE & LOCAL	12.99%	3.73%	3.02%	8.94%	10.23%	2.90%	5.75%	2.92%		23.45%
TOTAL EARNINGS FROM INDUSTRY	5.79%	8.34%	17.21%	-0.60%	-8.62%	2.35%	1.96%	-8.71%	-1.15%	-12.95%

All dollar amounts adjusted for inflation to a base year of 1980.

Average annual percent change over the 10 year period.

TABLE C12. PERCENT CHANGE IN CONDITIONS FOR COASTAL AREA W1 (REVISED DATA SET) (CONTINUED).

	1960 TO 1970*	1970 TO 1980*	1980 TO 1981	1981 TO 1982	1982 TO 1983	1983 TO 1984	1984 TO 1985	1985 TO 1986	1986 TO 1987	1982 TO 1986
INCOME BY PLACE OF RESIDENCE ($000)										
TOTAL PERSONAL INCOME	6.02%	8.68%	13.41%	2.90%	-5.90%	3.27%	2.55%	-4.73%	0.12%	-5.06%
NET EARNINGS	5.71%	8.25%	13.79%	-0.26%	-8.26%	2.57%	1.55%	-7.70%	-1.42%	-11.81%
RESIDENTIAL ADJUSTMENT	22.89%	-1.30%	0.00%	4.64%	-3.51%	5.42%	0.33%	3.01%	-3.27%	5.13%
DIVIDEND, INTEREST, RENT	3.94%	9.05%	18.16%	17.17%	-3.64%	10.06%	4.68%	0.72%	0.86%	11.84%
TRANSFER PAYMENTS	18.00%	12.12%	3.91%	7.63%	8.95%	-2.33%	5.95%	6.15%	7.97%	19.68%
PER CAPITA INCOME ($)	3.85%	4.59%	9.44%	-0.86%	-6.91%	2.99%	1.87%	-5.60%	1.05%	-7.80%
LOCAL GOVERNMENT EXPENDITURE BY FUNCTION ($000) (ONLY COUNTIES/PARISHES WITH 100,000+ POPULATION)										
DIRECT GENERAL EXPENDITURES										
EDUCATION										
HIGHWAYS										
PUBLIC WELFARE										
HEALTH & HOSPITALS										
POLICE PROTECTION										
FIRE PROTECTION										
HOUSING										
FINANCIAL ADMINISTRATION										
INTEREST ON GENERAL DEBT										
OTHER										
GENERAL DEBT OUTSTANDING										
LOCAL GOVERNMENT REVENUE BY SOURCE ($000) (ONLY COUNTIES/PARISHES WITH 100,000+ POPULATION)										
GENERAL REVENUE TOTAL (EXCLUDING INTERLOCAL)										
INTERGOVERMENTAL REVENUE										
FROM STATE										
FROM FEDERAL										
FROM LOCAL										
TAXES										
PROPERTY										
OTHER										
CHARGES & MISCELLANEOUS										

All dollar amounts adjusted for inflation to a base year of 1980.

Average annual percent change over the 10 year period.

TABLE C13. PERCENT CHANGE IN CONDITIONS FOR COASTAL AREA W2 (REVISED DATA SET).

	1960 TO 1970*	1970 TO 1980*	1980 TO 1981	1981 TO 1982	1982 TO 1983	1983 TO 1984	1984 TO 1985	1985 TO 1986	1986 TO 1987	1982 TO 1986
NUMBER OF INHABITANTS										
POPULATION	1.63%	3.03%	2.75%	3.68%	2.36%	0.54%	0.34%	-1.54%	-0.16%	1.67%
DATA BY MAJOR INDUSTRY										
NUMBER OF JOBS(FULL/PART-TIME)										
FARM		1.17%	-2.06%	-0.28%	3.56%	-1.93%	-5.15%	-9.27%		-12.61%
AG. SERVICE FOR FISH & OTHER		5.41%	7.87%	2.52%	1.58%	0.06%	0.37%	0.23%		2.26%
TOTAL FARM & AG. SERVICES COMBINED	1.27%	2.07%	0.62%	0.53%	2.98%	-1.35%	-3.52%	-6.35%	-0.17%	-6.21%
MINING	-1.24%	7.86%	26.00%	0.87%	-7.87%	7.84%	-5.31%	-19.66%	-13.18%	-24.41%
CONSTRUCTION	3.31%	10.67%	-9.77%	-14.45%	-7.42%	2.91%	18.21%	-7.28%	-4.55%	4.42%
MANUFACTURING	1.20%	2.36%	10.26%	-10.87%	-9.91%	-1.24%	-3.86%	-9.21%	-3.36%	-22.33%
TRANSPORTATION & PUBLIC UTILITIES	0.39%	3.48%	4.05%	-2.32%	-6.37%	-0.13%	-0.20%	-1.54%	0.49%	-8.12%
WHOLESALE TRADE	4.96%	6.84%	2.75%	-7.71%	-7.40%	-0.02%	-1.10%	-2.77%	-5.48%	-10.98%
RETAIL TRADE	2.11%	5.62%	3.74%	2.78%	-0.48%	2.84%	-0.28%	-2.27%	-1.16%	-0.26%
FINANCE, INSURANCE AND REAL ESTATE	5.72%	6.88%	3.88%	5.29%	3.62%	7.41%	2.48%	-1.14%	-1.17%	12.76%
SERVICES	2.97%	5.17%	5.82%	5.53%	1.95%	5.36%	3.27%	2.15%	2.62%	13.32%
TOTAL GOVERNMENT	17.33%	3.18%	2.54%	4.75%	2.98%	1.82%	3.64%	1.66%	1.23%	10.46%
FEDERAL, CIVILIAN		0.12%	-3.39%	-1.82%	1.76%	1.54%	4.35%	3.67%		11.99%
FEDERAL, MILITARY		-1.65%	8.83%	13.23%	-3.56%	-5.70%	4.06%	1.22%		-4.21%
STATE & LOCAL		4.02%	2.49%	4.51%	3.58%	2.40%	3.57%	1.56%		11.57%
TOTAL	3.22%	4.72%	21.70%	-15.82%	-2.33%	2.56%	1.96%	-2.79%	-0.85%	-0.72%
EARNINGS BY PLACE OF WORK ($000)										
FARM	-3.56%	2.33%	-35.56%	0.47%	-38.94%	88.28%	-1.63%	-24.49%		-14.61%
AG. SERVICE FOR FISH & OTHER	24.30%	8.80%	-22.30%	-5.45%	20.97%	-21.68%	7.88%	-1.06%		1.13%
TOTAL FARM & AG. SERVICES COMBINED	-1.07%	4.55%	-29.69%	-2.43%	-10.52%	17.76%	2.42%	-13.96%	11.54%	-7.14%
MINING	-2.84%	13.43%	28.24%	-3.04%	-10.37%	5.67%	-4.01%	-23.69%	-20.15%	-30.62%
CONSTRUCTION	6.91%	11.83%	-14.42%	-15.82%	-6.38%	-1.31%	23.11%	-7.70%	-6.07%	4.99%
MANUFACTURING	3.94%	4.81%	6.50%	-7.53%	-5.96%	-2.04%	-3.38%	-7.21%	-0.61%	-17.41%
TRANSPORTATION & PUBLIC UTILITIES	4.41%	5.17%	2.64%	-2.67%	-5.96%	-1.54%	0.86%	-2.57%	-0.76%	-9.01%
WHOLESALE TRADE	5.81%	10.59%	-2.07%	-6.77%	-11.08%	1.16%	-2.64%	-4.91%	-5.84%	-16.72%
RETAIL TRADE	4.72%	4.68%	0.54%	0.94%	3.02%	0.58%	-1.85%	-4.67%	-4.65%	-3.04%
FINANCE, INSURANCE AND REAL ESTATE	6.69%	3.37%	-1.38%	-1.17%	11.01%	7.77%	4.17%	-2.26%	-6.74%	21.81%
SERVICES	8.94%	7.25%	6.05%	4.47%	0.90%	6.70%	3.51%	-0.90%	7.63%	10.43%
TOTAL GOVERNMENT	9.30%	3.56%	4.63%	8.77%	8.30%	4.42%	4.35%	1.35%	1.93%	19.61%
FEDERAL, CIVILIAN	6.81%	0.11%	-0.21%	-2.59%	3.56%	2.62%	6.11%	-0.65%		12.03%
FEDERAL, MILITARY	-2.08%	-2.64%	16.12%	17.55%	2.84%	-5.14%	4.33%	2.89%		4.72%
STATE & LOCAL	11.25%	4.36%	4.84%	9.63%	8.87%	4.84%	4.21%	1.48%		20.70%
TOTAL EARNINGS FROM INDUSTRY	5.00%	6.09%	2.02%	-3.50%	-2.31%	1.53%	2.31%	-4.97%	-0.89%	-3.57%

All dollar amounts adjusted for inflation to a base year of 1980.

*Average annual percentage change over the 10 year period.

TABLE C13. PERCENT CHANGE IN CONDITIONS FOR COASTAL AREA W2 (REVISED DATA SET) (CONTINUED).

	1960 TO 1970*	1970 TO 1980*	1980 TO 1981	1981 TO 1982	1982 TO 1983	1983 TO 1984	1984 TO 1985	1985 TO 1986	1986 TO 1987	1982 TO 1986
INCOME BY PLACE OF RESIDENCE ($000)										
TOTAL PERSONAL INCOME	6.88%	7.47%	5.13%	1.59%	-0.80%	1.62%	2.21%	-4.11%	0.88%	-1.19%
NET EARNINGS	6.24%	7.20%	3.91%	-0.71%	-2.12%	0.43%	0.75%	-6.76%	0.71%	-7.65%
RESIDENTIAL ADJUSTMENT	338.25%	18.92%	15.27%	12.48%	-1.02%	-3.78%	-0.08%	-18.15%	8.96%	-22.11%
DIVIDEND, INTEREST, RENT	7.00%	7.58%	15.05%	9.18%	-1.96%	9.86%	7.18%	1.14%	-0.91%	16.75%
TRANSFER PAYMENTS	16.48%	9.88%	4.00%	11.06%	10.41%	0.40%	5.86%	6.04%	3.90%	24.43%
PER CAPITA INCOME ($)	4.50%	3.41%	2.32%	-2.02%	-3.09%	1.08%	1.87%	-2.61%	1.05%	-2.81%
LOCAL GOVERNMENT EXPENDITURE BY FUNCTION ($000) (ONLY COUNTIES/PARISHES WITH 100,000+ POPULATION)										
DIRECT GENERAL EXPENDITURES	6.43%						5.28%	8.86%		33.03%
EDUCATION	10.24%						4.04%	8.47%		34.22%
HIGHWAYS	-0.13%						-4.16%	-4.75%		-4.02%
PUBLIC WELFARE	3.94%						19.95%	25.60%		40.48%
HEALTH & HOSPITALS	10.76%						14.83%	4.84%		15.07%
POLICE PROTECTION	8.93%						9.28%	-0.42%		12.37%
FIRE PROTECTION	4.88%						5.37%	3.79%		24.81%
HOUSING	5.04%						19.26%	35.94%		78.15%
FINANCIAL ADMINISTRATION	2.97%						14.32%	2.00%		26.58%
INTEREST ON GENERAL DEBT	5.35%						-4.34%	7.82%		134.38%
OTHER	1.87%						13.04%	17.47%		21.67%
GENERAL DEBT OUTSTANDING	4.33%						6.12%	8.87%		72.69%
LOCAL GOVERNMENT REVENUE BY SOURCE ($000) (ONLY COUNTIES/PARISHES WITH 100,000+ POPULATION)										
GENERAL REVENUE TOTAL (EXCLUDING INTERLOCAL	6.60%						18.06%	2.69%		33.90%
INTERGOVERMENTAL REVENUE	10.97%						24.49%	-4.20%		26.21%
FROM STATE	9.42%						22.99%	-3.21%		27.62%
FROM FEDERAL	42.46%						33.78%	-9.80%		18.22%
FROM LOCAL	5.51%						16.00%	5.09%		36.54%
TAXES	4.98%						11.12%	11.89%		40.89%
PROPERTY	4.43%						11.13%	12.98%		42.12%
OTHER	21.02%						11.04%	1.85%		29.40%
CHARGES & MISCELLANEOUS	7.02%						24.74%	-5.75%		28.99%

All dollar amounts adjusted for inflation to a base year of 1980.

*Average annual percentage change over the 10 year period.

TABLE C14. PERCENT CHANGE IN CONDITIONS FOR ALL CENTRAL (C1-C4) AND WESTERN (W1-W2) COASTAL ANALYSIS AREAS.

	1960 TO 1970*	1970 TO 1980*	1980 TO 1981	1981 TO 1982	1982 TO 1983	1983 TO 1984	1984 TO 1985	1985 TO 1986	1986 TO 1987	1982 TO 1986
NUMBER OF INHABITANTS										
POPULATION	1.61%	2.16%	2.39%	2.62%	1.52%	0.35%	0.58%	0.13%	-0.61%	2.60%
DATA BY MAJOR INDUSTRY										
NUMBER OF JOBS(FULL/PART-TIME)										
FARM		-0.75%	-2.53%	-1.49%	1.29%	-3.43%	-4.07%	-7.01%		-12.74%
AG. SERVICE FOR FISH & OTHER		6.04%	1.96%	-2.22%	2.90%	0.90%	2.40%	-1.93%		4.26%
TOTAL FARM & AG. SERVICES COMBINED	1.42%	0.80%	-1.01%	-1.75%	1.85%	-1.91%	-1.73%	-5.10%	-0.95%	-6.82%
MINING	5.04%	8.80%	12.99%	-2.06%	-12.17%	2.60%	-0.73%	-20.84%	-11.94%	-29.18%
CONSTRUCTION	3.15%	8.43%	-1.87%	-8.49%	-8.17%	1.52%	0.49%	-7.64%	-6.62%	-13.47%
MANUFACTURING	1.67%	2.27%	6.96%	-8.24%	-12.55%	-1.48%	-1.71%	-4.80%	-1.49%	-19.39%
TRANSPORTATION & PUBLIC UTILITIES	2.12%	3.59%	4.63%	-3.50%	-6.69%	-0.11%	-1.28%	-6.32%	-2.26%	-13.81%
WHOLESALE TRADE	9.27%	5.20%	2.90%	-4.88%	-6.42%	0.47%	-1.12%	-5.86%	-4.12%	-12.48%
RETAIL TRADE	3.19%	5.21%	3.28%	1.68%	1.05%	5.27%	0.22%	-0.54%	-1.40%	6.03%
FINANCE, INSURANCE AND REAL ESTATE	6.67%	7.27%	4.72%	3.69%	3.14%	4.85%	3.80%	1.91%	0.91%	14.38%
SERVICES	4.50%	4.78%	4.92%	5.03%	1.56%	4.38%	2.87%	1.58%	1.18%	10.77%
TOTAL GOVERNMENT	16.17%	3.05%	-0.04%	2.99%	0.49%	1.20%	1.38%	0.41%	0.02%	3.52%
FEDERAL, CIVILIAN		2.41%	-6.67%	-0.90%	1.34%	1.94%	2.65%	1.86%		8.01%
FEDERAL, MILITARY		-0.70%	2.67%	9.12%	-7.81%	-2.24%	1.28%	5.32%		-3.86%
STATE & LOCAL		4.10%	0.47%	2.48%	1.88%	1.66%	1.23%	-0.55%		4.26%
TOTAL	4.77%	4.47%	22.34%	-15.79%	-2.80%	2.43%	0.82%	-2.29%	-1.27%	-1.92%
EARNINGS BY PLACE OF WORK ($000)										
FARM	-0.88%	-2.55%	-10.41%	4.22%	-10.63%	-2.93%	2.23%	6.44%		-5.61%
AG. SERVICE FOR FISH & OTHER	6.60%	6.95%	-29.34%	-8.17%	21.22%	-21.21%	28.11%	-2.75%		18.99%
TOTAL FARM & AG. SERVICES COMBINED	0.70%	0.56%	-20.36%	-1.56%	3.23%	-12.27%	14.10%	1.70%	2.55%	5.10%
MINING	3.06%	11.63%	16.90%	-1.22%	-13.31%	0.56%	1.33%	-22.83%	-16.51%	-31.84%
CONSTRUCTION	8.08%	9.96%	-4.28%	-8.65%	-9.45%	-4.89%	-0.27%	-9.94%	-7.51%	-22.65%
MANUFACTURING	5.15%	4.59%	6.64%	-6.96%	-10.06%	-2.11%	-2.40%	-4.91%	-1.17%	-18.29%
TRANSPORTATION & PUBLIC UTILITIES	4.95%	5.55%	2.53%	-2.96%	-5.37%	-1.82%	-1.39%	-6.69%	-3.51%	-14.51%
WHOLESALE TRADE	6.38%	6.43%	0.31%	-4.61%	-9.11%	0.96%	-0.85%	-7.18%	-4.82%	-15.54%
RETAIL TRADE	4.85%	4.14%	0.06%	-0.46%	2.68%	2.26%	-1.12%	-2.66%	-4.34%	1.06%
FINANCE, INSURANCE AND REAL ESTATE	5.43%	4.12%	0.59%	0.75%	8.18%	3.58%	4.33%	2.85%	-4.05%	20.24%
SERVICES	8.74%	7.17%	6.02%	5.30%	2.33%	6.08%	3.29%	0.06%	5.54%	12.20%
TOTAL GOVERNMENT	5.88%	3.48%	2.15%	5.07%	2.49%	2.05%	3.26%	-0.05%	0.06%	7.94%
FEDERAL, CIVILIAN	-0.02%	1.92%	-1.62%	-1.64%	3.36%	2.25%	4.35%	-2.83%		7.17%
FEDERAL, MILITARY	-0.98%	-0.07%	9.15%	7.94%	-4.41%	0.94%	3.80%	5.47%		5.63%
STATE & LOCAL	12.25%	4.48%	2.24%	6.20%	3.14%	2.13%	2.97%	-0.08%		8.37%
TOTAL EARNINGS FROM INDUSTRY	5.74%	5.74%	3.37%	-1.56%	-3.71%	0.81%	0.82%	-4.50%	-1.80%	-6.54%

All dollar amounts adjusted for inflation to a base year of 1980.

*Average annual percentage change over the 10 year period.

TABLE C14. PERCENT CHANGE IN CONDITIONS FOR ALL CENTRAL (C1-C4) AND WESTERN (W1-W2) COASTAL ANALYSIS AREAS (CONTINUED).

	1960 TO 1970*	1970 TO 1980*	1980 TO 1981	1981 TO 1982	1982 TO 1983	1983 TO 1984	1984 TO 1985	1985 TO 1986	1986 TO 1987	1982 TO 1986
INCOME BY PLACE OF RESIDENCE ($000)										
TOTAL PERSONAL INCOME	6.16%	6.16%	4.68%	0.87%	-0.76%	1.19%	1.37%	-2.19%	-0.36%	-0.43%
NET EARNINGS	5.76%	5.66%	3.26%	-1.05%	-2.95%	0.63%	0.27%	-4.64%	-1.35%	-6.62%
RESIDENTIAL ADJUSTMENT	48.72%	8.02%	21.14%	38.87%	21.61%	-2.48%	-0.73%	-14.43%	14.89%	0.74%
DIVIDEND, INTEREST, RENT	4.54%	6.72%	16.17%	5.72%	1.85%	6.39%	2.93%	3.37%	0.41%	15.28%
TRANSFER PAYMENTS	14.35%	9.61%	2.98%	8.38%	9.80%	-0.96%	5.72%	4.77%	3.55%	20.45%
PER CAPITA INCOME ($)	3.92%	3.29%	2.24%	-1.70%	-2.24%	0.83%	0.79%	-2.31%	0.25%	-2.95%
LOCAL GOVERNMENT EXPENDITURE BY FUNCTION ($000) (ONLY COUNTIES/PARISHES WITH 100,000+ POPULATION)										
DIRECT GENERAL EXPENDITURES	7.46%						4.85%	4.61%		20.76%
EDUCATION	11.27%						3.66%	6.99%		15.46%
HIGHWAYS	1.92%						13.12%	-13.96%		10.72%
PUBLIC WELFARE	17.24%						2.55%	13.13%		16.65%
HEALTH & HOSPITALS	15.31%						10.32%	-10.33%		15.87%
POLICE PROTECTION	10.57%						7.91%	3.66%		15.90%
FIRE PROTECTION	7.20%						5.33%	1.42%		16.04%
HOUSING	-0.48%						115.40%	-12.09%		2.86%
FINANCIAL ADMINISTRATION	7.82%						22.57%	-7.89%		22.62%
INTEREST ON GENERAL DEBT	6.85%						-3.66%	9.28%		69.56%
OTHER	3.33%						-0.57%	13.02%		23.37%
GENERAL DEBT OUTSTANDING	4.16%						-1.77%	11.07%		49.03%
LOCAL GOVERNMENT REVENUE BY SOURCE ($000) (ONLY COUNTIES/PARISHES WITH 100,000+ POPULATION)										
GENERAL REVENUE TOTAL (EXCLUDING INTERLOCAL	8.77%						5.42%	1.76%		19.99%
INTERGOVERMENTAL REVENUE	10.36%						5.80%	-1.20%		2.41%
FROM STATE	7.74%						9.51%	0.19%		8.05%
FROM FEDERAL	39.74%						-7.65%	-7.15%		-17.54%
FROM LOCAL	8.00%						5.25%	3.04%		29.23%
TAXES	8.01%						5.81%	4.32%		29.20%
PROPERTY	5.11%						7.05%	10.24%		38.60%
OTHER	17.87%						4.27%	-3.19%		17.68%
CHARGES & MISCELLANEOUS	7.96%						4.53%	1.34%		29.26%

All dollar amounts adjusted for inflation to a base year of 1980.

*Average annual percentage change over the 10 year period.

APPENDIX D.

APPENDIX D

OIL AND GAS ACTIVITY INDICATORS

BY PLANNING AREA

TABLE D1. OCS OIL & GAS ACTIVITY INDICATORS BY PLANNING AREA

	1960	1970	1980	1981	1982	1983	1984	1985	1986	1987
PLANNING AREA C1										
# OF EXPLORATORY WELL	32	46	116	123	160	127	125	110	74	96
BARREL EQUIVALENTS	1080185508	6424568226	13594464986	13655451792	11884320510	9765910528	10696883568	9831026471	8230973274	9019847768
VALUE OF PRODUCTION ($	97300034	605093393	5203216626	6297433871	6088885988	5199599129	5592376732	4774356910	2849018463	2713748667
PLANNING AREA C2										
# OF EXPLORATORY WELL	68	76	78	90	74	115	145	146	84	94
BARREL EQUIVALENTS	450552222	4740157260	7926606818	8094906480	7588325466	6002980431	6917362983	5718073400	5943817353	6919427521
VALUE OF PRODUCTION ($	251504754	1605552842	4686302018	5606971458	5355947763	4578372276	5018722695	4180313298	2784465134	2915130540
PLANNING AREA C3										
# OF EXPLORATORY WELL	12	56	62	41	48	63	105	71	41	82
BARREL EQUIVALENTS	91895019	1917105788	1674255737	1774922872	2189029580	2780528745	3400630368	3033948462	3127927228	3050304074
VALUE OF PRODUCTION ($	85881865	812486628	2112931775	2794689177	3210427681	3735478763	4109449078	3537923910	1992608330	1931025629
PLANNING AREA C4										
# OF EXPLORATORY WELL	0	0	0	0	0	3	9	9	5	18
BARREL EQUIVALENTS	0	0	0	0	0	0	0	0	0	0
VALUE OF PRODUCTION ($	0	0	0	0	0	0	0	0	0	0
PLANNING AREA W1										
# OF EXPLORATORY WELL	0	6	49	29	40	34	93	65	19	46
BARREL EQUIVALENTS	0	0	234410164	311185129	827650201	1399228830	1452861465	1483844926	2311062674	2700434521
VALUE OF PRODUCTION ($	0	0	69751588	103880388	325057750	553067896	567956768	530567638	620911915	614303717
PLANNING AREA W2										
# OF EXPLORATORY WELL	6	17	41	37	48	33	74	69	32	48
BARREL EQUIVALENTS	0	744739832	3618865234	3908113949	4021829199	3275206009	3524558293	3090587569	3476517840	3993460318
VALUE OF PRODUCTION ($	0	62521002	1218481569	1619589174	1908228216	1655500228	1754128170	1407517785	1079068128	1084076065
PLANNING AREA W3										
# OF EXPLORATORY WELL	0	0	0	0	0	1	8	13	5	10
BARREL EQUIVALENTS	0	0	26414	0	836183	0	0	45728	3619929	81447254
VALUE OF PRODUCTION ($	0	0	7473	0	314774	0	0	18081	3548825	65001070
TOTAL STUDY AREA										
# OF EXPLORATORY WELL	118	201	346	320	370	376	559	483	260	394
BARREL EQUIVALENTS	1622632748	13826571106	27048629352	27744580221	26511991140	23223854544	25992296677	23157526556	23093918299	25764921456
VALUE OF PRODUCTION ($	434686653	3085653865	13290691050	16422564069	16888862172	15722018292	17042633443	14430697622	9329620795	9323285689

All dollar amounts adjusted for inflation to a base year of 1980.

APPENDIX E.

APPENDIX E

OIL AND GAS ACTIVITY INDICATORS

ALLOCATED TO ONSHORE COASTAL ANALYSIS AREA

INDICATORS OF OUTER CONTINENTAL SHELF AND STATE OIL AND GAS ACTIVITIES. OCS ACTIVITY IS ALLOCATED TO EACH COASTAL ANALYSIS AREA USING THE FOLLOWING ALLOCATION MODEL.

% OF PLANNING AREA PRODUCTION ALLOCATED
BY COASTAL ANALYSIS AREA

COASTAL ANALYSIS AREA	PLANNING AREA						
	C1	C2	C3	C4	W1	W2	W3
C1	.48	.06	.02			.31	.66
C2	.44	.61	.13			.08	.34
C3	.03	.33	.83	.11			
C4				.89			
W1					.82	.07	
W2	.05		.02		.18	.54	

STATE OIL AND GAS ACTIVITY IS BASED ON DATA (ONSHORE AND OFFSHORE) FROM THE 49 COUNTIES/PARISHES INCLUDED IN THE STUDY AREA.

TABLE E1. OIL AND GAS ACTIVITY INDICATORS ALLOCATED TO COASTAL ANALYSIS AREAS.

	1960	1970	1980	1981	1982	1983	1984	1985	1986	1987
AREA C1:										
OCS ACTIVITY										
# OF EXPLORATORY WELL	22	33	74	77	97	80	99	93	55	75
BARREL EQUIVALENTS	547360078	3637413648	8156290373	8287325030	7450872897	6118740317	6710171570	6080768406	5450164441	6097426548
VALUE OF PRODUCTION ($	63511939	422409242	3198714956	3917152973	3899989191	3358424564	3611432907	3049611040	1911302281	1895091991
STATE ACTIVITY										
BARREL EQUIVALENTS	4528088052	13817689339	4165848761	3882891443	3651326240	3245138270	3438565521	3219219632	2918822116	2667036896
VALUE OF PRODUCTION ($	691501286	1561759797	1817210655	2047331265	2017055402	1790034666	1879947961	1678411151	1043154361	915599785
AREA C2:										
OCS ACTIVITY										
# OF EXPLORATORY WELL	58	75	110	117	126	137	166	157	93	118
BARREL EQUIVALENTS	762064831	6027108887	11323966198	11489680830	10464584042	8582303913	9650266801	8455352274	7933339569	8933292227
VALUE OF PRODUCTION ($	207394557	1356253268	5520221744	6684000220	6516358849	5698682962	6196625240	5223245831	3298662989	3332138824
STATE ACTIVITY										
BARREL EQUIVALENTS	4439019055	16239774965	5504468371	4838063827	4121210909	3395836253	3466988523	2996493876	2861011202	2657334454
VALUE OF PRODUCTION ($	1360616141	3374262702	2843161366	3067538101	2713941185	2262716317	2263166228	1856655385	1148274523	1059009157
AREA C3:										
OCS ACTIVITY										
# OF EXPLORATORY WELL	33	73	81	67	69	94	140	111	65	104
BARREL EQUIVALENTS	257360664	3348186747	4413246461	4554168676	4677571571	4581799717	5426159497	4700072240	4804568524	5085758896
VALUE OF PRODUCTION ($	157197518	1222349141	3456309538	4358815614	4614784317	4767298198	5234792526	4459210941	2658206962	2646156881
STATE ACTIVITY										
BARREL EQUIVALENTS	1655317571	6978831180	1779150102	1689842335	1411205700	1260169441	1356525699	1128012149	1223508310	1276506368
VALUE OF PRODUCTION ($	1052035373	2744831327	1810352585	2153520610	1778822521	1530651134	1567540872	1285418486	772369042	804260712
AREA C4:										
OCS ACTIVITY										
# OF EXPLORATORY WELL	0	0	0	0	0	3	8	8	4	16
BARREL EQUIVALENTS	0	0	0	0	0	0	0	0	0	0
VALUE OF PRODUCTION ($	0	0	0	0	0	0	0	0	0	0
STATE ACTIVITY										
BARREL EQUIVALENTS	9390482	14533237	301721380	135305124	155108629	206584977	220343143	220493787	219733540	212586933
VALUE OF PRODUCTION ($	50068559	41405775	317365297	317330702	289427379	278164476	287002532	267930376	149567804	157015122

All dollar amounts adjusted for inflation to a base year of 1980

TABLE E1. OIL AND GAS ACTIVITY INDICATORS ALLOCATED TO COASTAL ANALYSIS AREAS (CONTINUED).

	1960	1970	1980	1981	1982	1983	1984	1985	1986	1987
AREA W1:										
OCS ACTIVITY										
# OF EXPLORATORY WELL	0	6	43	26	36	30	81	58	18	41
BARREL EQUIVALENTS	0	52131788	445536901	528739782	960201209	1376632061	1438065482	1433093969	2138427642	2493898529
VALUE OF PRODUCTION ($	0	4376470	142490012	198553160	400123330	569400691	588513521	533591708	584682539	579614373
STATE ACTIVITY										
BARREL EQUIVALENTS	4016382	318092979	161569196	135744793	122892802	109791953	131372937	137248903	126721376	107968764
VALUE OF PRODUCTION ($	32156761	48968166	94784391	104776337	96111239	86111419	96957373	89104430	51081957	43998765
AREA W2:										
OCS ACTIVITY										
# OF EXPLORATORY WELL	5	14	38	32	42	32	65	56	25	41
BARREL EQUIVALENTS	55847176	761730037	2709589420	2884665902	2958761421	2564378536	2767633328	2488239667	2767418123	3154545255
VALUE OF PRODUCTION ($	6582639	80265743	972954800	1264042101	1457606485	1328211876	1411269248	1165038103	876764024	870283690
STATE ACTIVITY										
BARREL EQUIVALENTS	79772768	6389065020	4248557884	3659602741	2874031909	2401716439	2435245453	2592948077	2241484784	10426296
VALUE OF PRODUCTION ($	638692690	1137745086	2523419656	2657862450	2212030265	1842247552	1794929264	1831459721	928854240	5609575
ENTIRE STUDY AREA:										
OCS ACTIVITY										
# OF EXPLORATORY WELL	118	201	346	319	370	376	559	483	260	395
BARREL EQUIVALENTS	1622632748	13826571107	27048629352	27744580221	26511991140	23223854544	25992296677	23157526556	23093918299	25764921455
VALUE OF PRODUCTION ($	434686653	3085653865	13290691050	16422564069	16888862172	15722018292	17042633443	14430697622	9329620795	9323285759
STATE ACTIVITY										
BARREL EQUIVALENTS	10715604309	43757986719	16161315693	14341450264	12335776189	10619237333	11049041276	10294416425	9591281327	6931859711
VALUE OF PRODUCTION ($	3825070810	8908972854	9406293950	10348359464	9107387991	7789925564	7889544229	7008979549	4093301926	2985493116

All dollar amounts adjusted for inflation to a base year of 1980

APPENDIX F.

APPENDIX F

GLOSSARY AND REGRESSION VARIABLES DEFINED

GLOSSARY

BEA	U. S. Department of Commerce, Bureau of Economic Analysis
CAA	coastal analysis area
GOM	Gulf of Mexico
MMS	U. S. Department of Interior, Minerals Management Service
mcf	thousand cubic feet
OCS	Outer Continental Shelf
OPEC	Organization of Petroleum Exporting Countries
OTA	U. S. Congress, Office of Technology Assessment
SAC	Socioeconomic Attribute Categories
SIC	Standard Industrial Classification
SMSA	Standard Metropolitan Statistical Area
SPSS®	Statistical Package for the Social Sciences

REGRESSION VARIABLES DEFINED

Note: All financial data are expressed in terms of 1980 dollars.

AGSER	number of agricultural service jobs
AGSER80$	earnings from agricultural service jobs
BBLEQV#2	OCS barrel equivalents production
CONSTR80$	earnings from construction jobs
CONSTRU	number of construction jobs
DRGNEX8$	direct general expenditures by local government
ED80$	local government expenditures on education

EXPWEL#2	number of exploratory wells drilled
FARM	number of farm jobs
FARM80$	earnings from farm jobs
FED80$	local government revenue from federal sources
FEDCIL	number of federal civilian jobs
FEDCV80$	earnings from federal civilian jobs
FEDMIL	number of federal military jobs
FEDML80$	earnings from federal military jobs
FINADM8$	local government expenditures on financial administration
FININSRE	number of finance, insurance and real estate jobs
FIREPR8$	local government expenditures on fire protection
FNINST8$	earnings from finance, insurance and real estate jobs
GENDT80$	local government general debt outstanding
GENRV80$	local government total general revenue
HGWYS80$	local government expenditures on highways
HLTHS8$	local government expenditures on health and hospitals
HOUSE80$	local government expenditures on housing
INGVRE8$	local government revenue from intergovernmental sources
INTDET80$	local government expenditures on interest on general debt
LOCAL80$	local government revenue from local sources
MANFC80$	earnings from manufacturing jobs
MANUFAC	number of manufacturing jobs
MIGRATN	net migration
MINE	number of mining jobs
MINE80$	earnings from mining jobs

OTHR80$	local government revenue from taxes other than property taxes
PERCPT$8	per capita income
POLPRT8$	local government expenditures on police protection
POPULATN	population
PRD$CA2	OCS production value
PROP80$	local government revenue from property taxes
PUBWEL8$	local government expenditures on public welfare
RETAIL	number of retail trade jobs
RTAIL80$	earnings from retail trade jobs
SBBLEQUIV	barrel equivalents for state (non-OCS) production
SERVICE	number of service jobs
SRVCE80$	earnings from service jobs
STATE80$	local government revenue from state sources
STATELC	number of state and local government jobs
STLOC80$	earnings from state and local government jobs
STPRD80$	value of state (non-OCS) oil and gas production
TAXES80$	local government revenue from local taxes
TOTAL	number of all jobs
TOTAL80$	total earnings from all jobs
TOTALGOVT	total number of government jobs
TRANSUTIL	number of transportation and utility jobs
TRNUTL8$	earnings from transportation and utility jobs
TTLJOBS	total number of jobs
TTLPSIN8	total personal income

WHLSL80$	earnings from wholesale trade jobs
WHOLESAL	number of wholesale trade jobs

The Department of the Interior Mission

As the Nation's principal conservation agency, the Department of the Interior has responsibility for most of our nationally owned public lands and natural resources. This includes fostering sound use of our land and water resources; protecting our fish, wildlife, and biological diversity; preserving the environmental and cultural values of our national parks and historical places; and providing for the enjoyment of life through outdoor recreation. The Department assesses our energy and mineral resources and works to ensure that their development is in the best interests of all our people by encouraging stewardship and citizen participation in their care. The Department also has a major responsibility for American Indian reservation communities and for people who live in island territories under U.S. administration.

The Minerals Management Service Mission

As a bureau of the Department of the Interior, the Minerals Management Service's (MMS) primary responsibilities are to manage the mineral resources located on the Nation's Outer Continental Shelf (OCS), collect revenue from the Federal OCS and onshore Federal and Indian lands, and distribute those revenues.

Moreover, in working to meet its responsibilities, the **Offshore Minerals Management Program** administers the OCS competitive leasing program and oversees the safe and environmentally sound exploration and production of our Nation's offshore natural gas, oil and other mineral resources. The MMS **Royalty Management Program** meets its responsibilities by ensuring the efficient, timely and accurate collection and disbursement of revenue from mineral leasing and production due to Indian tribes and allottees, States and the U.S. Treasury.

The MMS strives to fulfill its responsibilities through the general guiding principles of: (1) being responsive to the public's concerns and interests by maintaining a dialogue with all potentially affected parties and (2) carrying out its programs with an emphasis on working to enhance the quality of life for all Americans by lending MMS assistance and expertise to economic development and environmental protection.