ORBES

PENNSYLVANIA BASELINE

Part 2 - Impact Assessment Data Base

Chapter 2 - Socio- Economic Characteristics

PHASE II

OHIO RIVER BASIN ENERGY STUDY

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PENNSYLVANIA BASELINE

Part 2 - Impact Assessment Data Base

Chapter 2 - Socio- Economic Characteristics

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2.2 Socio-Economic Characteristics

2.2.1 DEMOGRAPHIC COMPOSITION

Nineteen Western Pennsylvania counties are in the Ohio River Basin Energy Study (ORBES) region. Figures 2.2.1-1a and 2.2.1-1b indicate the Pennsylvania Counties included in ORBES and the percent population change by county for 1960-1970 and 1970-1975 respectively. Table 2.2.1-1 presents the county level population in the Pennsylvania ORBES region for 1960, 1970, and 1975. The population has declined in both absolute and relative terms. The percent of the Commonwealth of Pennsylvania population residing in ORBES counties was 32.5% in 1960, 31.0% in 1970 and 30.0% in 1975. The Pennsylvania population for these years was 11,319,366; 11,793,909 and 11,829,000 (estimate).

Considerable variation in population change by county is evident during the 1960-1970 and 1970-1975 periods. Twelve of the nineteen ORBES counties declines in population between 1960-1970 while only two counties (Allegheny and Lawrence) continued to decline between 1970-1975. The 1975 figures are estimates and caution must be observed when using the values for measuring population change. The general reversal in county population decline 1970-1975 is however, rather dramatic.

Examination of Table 2.2.1-2 in light of the observations on population change indicates that, in general, the counties having the highest population growth rates are predominantly rural, e.g., Butler (70% rural), Forest (100% rural), Indiana (74% rural), Jefferson (60% rural), etc. Table 2.2.1-2 also indicates that the region has a small black population. The black population within the region is concentrated in Allegheny County which contains 44% of

the entire regional population and 76% of the entire non-white population. In general, the more rural counties have lower percentages of non-whites. Allegheny County is the only county that can be considered highly urban and Beaver County (76.0) demonstrated the second highest percent urbanization in 1970.

The age distribution in the ORBES counties, based on the 1970 census, is presented in Table 2.2.1-3a. Comparison with State values requires that some age groups he combined (as indicated). A measure based on the population age distribution but more meaningful than indicators of central tendency is the dependency ratio. The dependency ratio is defined as the number of individuals of non-working age per 100 individuals of working age. The total dependency ratio is calculated by combining all individuals 15 years or younger and 65 years or older and dividing by the number of individuals between 15 and 64 years of age. The resulting quotient is multiplied by 100. The aged dependency ratio includes only the number of individuals 65 years or older in the numerator.

The dependency ratios for 1950, 1960 and 1970 are presented on Table 2.2.1-3b. The total dependency ratio increased significantly from 1950 to 1960. It can be seen from Table 2.2.1-3b that the aged dependency ratio increased as well (1950-1960) but was not solely responsible for the observed increase in dependency. Thus there could have been a reduction in the work age population or an increase in the young population. The latter possibility appears most reasonable. From 1960 to 1970 the total dependency ratio decreased. The aged ratio shows an increase and although consistent, generally on the order of 1 or 2 persons, does not appear to be of consequence. The net result for the 1960-1970 period is a reduction in the number of

younger persons (less than 15 years) in the population. Even though not too significant in absolute numbers, this is true in relative terms.

The aged dependency ratio and its contribution to the total dependency ratio is significant for several reasons. First, when evaluating human resources one must consider the source of people entering the labor market. These individuals will usually be coming from the younger age group. The services and needs related to an elderly population are another consideration. As the proportion of elderly in the population increases the tax and revenue base begins to decline. A final consideration relates to the health and welfare needs of an elderly population, which is more sensitive to environmentally related illnesses, e.g., bronchitus, asthema, as well as the added social stress that results from rapid changes in community structure.

2.2.2 INCOME

Table 2.2.2-1 shows the income trends for Pennsylvania ORBES counties. For 1960 and 1970 Allegheny County had the highest median family income within the region. This is true as well for per capita income in 1969 and 1974. The county did not however have an unusual growth in income relative to the other counties. Somerset County had the highest growth in median family income 1960-1970 (88.3%) and Cambria County was second (80.2%). These two counties also demonstrated the fastest growth in per capita income in 1969-1974. However, Cambria was first (58.4%) and Somerset second (57.1%). The two counties demonstrating the slowest growth were Elk (50.2%) and Armstrong (53.0%) in 1969-1970 median family income. During 1969-1974 Elk (43.8%) and Mercer (44.4%) counties demonstrated the slowest growth rates in per capita income. In absolute terms Fayette and Green Counties demonstrate the lowest income levels in median family income (1970) and per capita

income (1969 and 1974). The percent of families below poverty level (in 1970) is highest in Fayette and Greene Counties (17.6% and 17.8% respectively) and lowest in Westmoreland (6.5%), Allegheny (7.1%) and Beaver (7.2%) counties.

The distribution of families within income groups is shown in Table 2.2.2-2. Mean and median family income are also shown. The percent of families belonging to various income classes provides an indication of the income distribution in all counties. Family income has a skewed distribution in all counties. The income curve is skewed toward higher income as evidenced by the median income being less than mean (average) family income. The modal income class is $5,000-$10,000 in all counties.

Nearly 44% of all families in the region reside in Allegheny County and the regional family income distribution is heavily weighted by Allegheny County values. On a regional basis 15% of all families earned more than $15,000 in 1970. Allegheny County had 21% of its families in that category. Mercer and Westmoreland Counties had the next highest proportion of families in the upper income class, 14.4% in each county. Armstrong County had the lowest proportion of families in the greater than $15,000 group (only 6.8%). Greene County (7.2%), Fayette County (7.4%) and Clearfield County (7.6%) had fairly low proportions of families in the upper income bracket.

Some discrepancy is observed if the percent of families below poverty level on Table 2.2.2-1 is compared with the percent of families earning less than $3,000 (Table 2.2.2-2). It would appear that the poverty level was below $3,000 based on the proportion of families in each class. However, eight of the nineteen counties indicate a greater proportion of families

below poverty level than below $3,000 income (Clarion, Fayette and Mercer counties are examples). The source of this inconsistency is unknown.

Comparison of family income based on Table 2.2.2-2 is suggested as more reliable than figures related to poverty level.

2.2.3 EMPLOYMENT

A small positive change in the labor force of the region occurred between 1960 and 1970 as shown in Table 2.2.3-1. A slight population decline is observed for the same period. The sex composition of the labor force shows a consistent increase in female participation from approximately 1/4 of the labor force in 1960 to 1/3 in 1970. This entry of females may have contributed to the observed labor force increase within the region. Wide variations in the labor force change during 1969-1970 occurred within the region when examined by county. The range of change in labor force is from -10.3% in Greene County to +14.7% in Butler County. For Fayette, Cambria, Westmoreland, and Indiana Counties the change was -7.2%, -6.1%, +11.2% and +10.2%.

In each of the above counties the change in labor force parallels the population change during the same period. Additionally, the median family income for these counties in 1960 and 1970 shows a pattern similar to other ranking such as population growth. The migration of economically active individuals within the region is probably an important factor accounting for differential patterns of population change by county.

Employment in five categories (mining, construction, manufacturing, utilities and transportation, and services) for 1972-1975 is shown in Table 2.2.3-2. Manufacturing activities employed the largest number of workers in

the region, approximately 370,000 in 1972 and 1975. Employment in manufacturing, if considered a measure of productivity, indicates that on a regional basis no growth or decline in production has occurred. On a county level, large relative changes in employment (productivity) can be observed. This appears to indicate that worker migration on an intra-regional basis may be occurring. It is reasonable to presume that a similar redistribution of manufacturing effort is occurring.

Services constitute the second largest employment sector. An employment change from 181,200 in 1972 to 196,000 in 1975 on a region-wide basis is shown. Greene and Cambria are the only counties that experienced an employment decrease in the services sector. Forest County had a 122.2% increase and Somerset, the second highest relative increase, had a 38.7% change. Allegheny County demonstrated an increase of only 6.5%; however, the absolute change was nearly 7500 positions which represent over 50% of all new service employment. On a regional basis, utilities, transportation and construction did not demonstrate a major change in employment. Redistribution of employment within the region is indicated by the percent change by county in conjunction with little observed change in the region as a whole. With the exception of Allegheny County which had a 1402 employment decline in utilities and transport, the number of employees involved is generally much less than 500.

Regional mining employment increased by 20.1% between 1972 (28,278) and 1975 (33,973). Only four counties experienced a decrease in mining employment: Beaver (-10.4%), Elk (-26.5%), Lawrence (-33.7%) and Venango (-15.4%). However, the absolute number of employees involved, 197, is quite small. Of the 197 lost, 131 occurred in Lawrence County alone. The

counties demonstrating the most rapid increase in mining employment on a percentage basis are Clarion (56.9%), Jefferson (50.8%), Indiana (31.8%) and Fayette (31.0%). In absolute terms a 55% increase in employment resulted from increases in Washington, Cambria and Indiana Counties alone accounting for 3170 out of 5700 new employees.

Regionally, a 20,521 person increase in employment occurred between 1972 and 1975, a 30% increase. 71% of the increase occurred in the services sector and 28% in the mining sector.

A detailed breakdown of 1970 employment can be found in Tables 2.2.3-3 through 2.2.3-9. Caution should be employed if attempting to use this information for comparison with 1972 and 1975 data because the means of categorizing subclassification of employment into larger sectors is undefined. The value of the 1970 data lies in inter-county comparison of employee distribution on a relative basis. For example, the metal industries employment in Allegheny County compared to the remaining region accounts for 40% of all identified metal industry workers in 1970.

2.2.4 HOUSING

Water service and sewer service provided to the 1970 housing stock in the region and housing age are presented in Table 2.2.4-1. The reported housing stock based on age is not equivalent to that reported by water or sewer service.

Tables 2.2.4-2 and 2.2.4-3 present the housing age and services data. For example, in Table 2.2.4-2 42.3% of all pre-1939 housing is shown to be located in Allegheny County and 52.4% of all housing served by public water

supplies is located in Allegheny County. Table 2.2.4-3 presents the proportional (percentage) distribution of all housing units by category (age, water service, sewer service). By way of example, the table indicates that 5.2 percent of all housing units are pre-1939 vintage and all are located in Westmoreland County. Similarly, 43% of all housing is served by public water supply and is located in Allegheny County. In the region, of total housing stock 57% was built prior to 1939 and 14% between 1960 and 1970. Public Water Service is available in 82% of dwelling units and nearly 70% of the houses are connected to Public Sewer Systems.

Table 2.2.4-4 presents information on the plumbing and kitchen facilities available in the region's housing units. The counties with a small number of housing units (and low population) generally have the lowest percent units with complete facilities and occupancy. Forest County exhibits the extreme in the region in all categories presented in Table 2.2.4-4. The county is 100% rural, has the lowest 1970 population (less than 5000) and smallest work force. Many small towns and communities established in Forest County were abandoned when forestry declined in the area. When compared with other counties, Forest County has a higher proportion of elderly in its population and a relatively low proportion of people in the 15-24 year old group. In 1920 Forest County had a population of nearly 7500. Since 1940 it has never been higher than 5800. A similar population pattern exists for Jefferson County, but this county does not present such a dramatic variation from other Pennsylvania ORBES counties. Nearly 50% of the area of Forest County is contained in the Allegheny National Forest. The area is dotted with seasonal cabins used by hunters, campers and other outdoors people. Over 40% of Forest County housing was built between 1960-1970.

Table 2.2.4-5 presents a distribution of housing units in eight rent categories and the median.

Median rent is closely related to median family income in most of the counties, e.g., they change together. Factors other than income do influence rent as can be seen in Forest County where there is an abundance of "excess" housing units. The median rent value appears to be reasonably close to the modal rent class. The model rent class also appears related to family income, as expected.

Based on the data presented in Tables 2.2.4-1 through 2.2.4-5 the overall housing condition in the Pennsylvania ORBES region is characterized by a higher proportion of older vintage, dwellings (> 50% of existing housing is of pre-1939 vintage) and sewer service are related to the degree of urbanization, housing age and family income.

2.2.5 GOVERNMENTAL REVENUES AND EXPENDITURES

Government revenue for the nineteen Pennsylvania ORBES Counties amounted to $312,377,000 in fiscal year 1974. Nearly 63% of the revenue was collected in Allegheny County alone. Allegheny County accounted for over 66% of total region expenditures which were $320,311,000 in 1974. Expenditures on a regional basis exceeded revenue by $7,934,000. In Allegheny County $15,475,000 more was spent than collected by County level government. The distribution and contribution of State and Federal funding to the expenditure categories shown is unknown.

Revenue for fiscal year 1974 represents a 75.7% increase over 1970 (Table 2.2.5-1, not adjusted for inflation). Expenditures of the counties increased only 50.6%, from $212,614,000 in 1970 to $320,311,000 in 1974.

The increase of revenue on a percentage basis ranged from 29.2% in Fayette County to 431.9% in Jefferson County. Excluding these two extreme values, a range from 47.2% (Clearfield County) to 138.3% (Butler County) is observed. Approximately 40% of revenues is obtained from taxes (range 34.8% to 81.5%) and nearly 48% from other sources (range 29.0% to 53.3%) which includes fines, forfeits, State and Federal grants, licenses, permits, county share of liquid fuel tax, and revenue from the use of money and property. Regionally, the remaining 12% of revenue is derived from departmental earnings. There has been a shift in revenue sources for the area. In 1970, 60% of revenues came from taxes and 29% from other sources. Taxes increased nearly 15% during this period, however, the "other" source of revenue increased over 200%.

The distribution of monies into the five categories indicated in Table 2.2.3-1 has changed to some extent over the 1970 to 1974 period. The shift, however, has not been extensive. On a percentage basis, welfare accounted for 18% of expenditures in fiscal year 1974 and 17% in 1970. The "other" category, which includes the cost of tax collection, highways, hospitals, libraries, parks, airports, civil defense, employee benefits, insurance and interest received a 2.5% share increase. General Administration and the Judicial categories had reduced shares while Corrections amounted for 5.6% of expenditures in 1970 and 1974. The "Others" category accounts for about 55% of dollar expenditures. This figure, however, is somewhat misleading. Allegheny County devoted nearly 64% of its expenditures to this category, the next highest figure is 48% in Butler County. Expenditure increases over 1970 ranged from 12% in Clearfield County to 194% in Forest County. As was indicated with revenues, when these extremes are achieved the range becomes significantly reduced, from 29% (Elk County) to 145% (Clarion County).

Municipalities in the Commonwealth of Pennsylvania have the power to levy taxes under Act 511 of 1965. Table 2.2.5-2 presents the number of municipalities in each county, the total tax collections and the sources of taxes collected as a percent of total collections.

Earned income taxes are the major portion of tax collections for municipalities in all counties except Forest County which relies on per capita and Occupational Privilege taxes exclusively. The amount of tax collected is not necessarily related to the number of taxing municipalities as can be seen in Table 2.2.5-2. However, it is closely tied to total revenue as is shown in Table 2.2.5-1. More detailed descriptions of revenue sources are not readily available on a county basis.

A significant portion of local governmental taxes are usually derived from property taxes. Table 2.2.5-3 presents the market value of taxable real property for 1970 and 1974 through 1975. The assessed property values are given as a percent of the market value. The total market value of taxable real property in the Pennsylvania ORBES region was $20,286,609,000 in 1975, an increase of 27% over 1970. Allegheny County once again significantly affects regional values. In 1970 Allegheny County accounted for 48.7% of the total value of taxable real property and 46.6% in 1975. During the 1970-1975 period the market value of property in Allegheny County increased 21.4%. The counties showing the greatest increased growth in property value during 1970-1975 were Forest (45.9%), Jefferson (45.7%), Clarion (45.5%), and Clearfield (43.5%). The slowest increase in property values occurred in the range of 20 to 27 percent and besides Allegheny County (21.4%) included Mercer (20.4%), Greene (21.5%) and Beaver (26.9%) counties. Were Allegheny County to be excluded from regional figures, the overall increase in property values

1970-1975 would be 32%, a figure 18% higher than indicated earlier.

The expenditure of monies by various county services and assistance programs by category is not clearly defined. Some indication of the level of expenditure in specific categories (e.g., education) can be obtained from such tables as 2.2.6-1 - Education Expenditures.

2.2.6 PUBLIC AND PERSONAL SERVICES

Public and Personal Services include the social service functions related to health, education, and welfare. Additional services are the water and sewer services that may be available through public facilities. This section is a discussion of some of the social and physical services that are provided within the ORBES region of Pennsylvania.

Education expenditures on a per-pupil basis are shown for 1971-1972 through 1974-75 fiscal years on Table 2.2.6-1. The State General Fund contribution is also given a per-pupil basis for the same years. The proportion of total expenditures supplied by State General Fund monies for the 1974-75 fiscal year is given on a percentage basis. Statewide, 45% of total per-pupil expenditures in 1974-75 made us of the State supplied monies. On a regional basis Allegheny County stands out as receiving a low proportion of State funds.

Allegheny County consistently received lower per-pupil State funds and made the largest per-pupil expenditures. Beaver and Mercer Counties had the second smallest State share of per-pupil monies, 49.4% each, which is nevertheless above the statewide value. State funds provided the largest proportion of per pupil expenditures in 1975 in Clarion (70.2%), Clearfield (69.3%), Somerset (68.8%) and Jefferson (68.4%) Counties.

In general, there is less than a $362 difference in per-pupil expenditures between counties (the highest ($1,514) and the lowest ($1,152). Table 2.2.6-2 presents the amount of revenue gathered for educational purposes by the counties over the 1971-72 through 1974-75 period and the sum of money provided by the State (the funds upon which the per-pupil revenue, Table 2.2.6-1, were based) for the same years. The sum of these figures indicates total expenditure for education. Comparison of the figures gives an indication, on a county-by-county basis, of the relative contribution by County and State to education and the magnitude of county educational budgets.

Public assistance (welfare) expenditures for fiscal years 1973 and 1976 by county are shown in Table 2.2.6-3. The expenditures are given as a total dollar amount and the cost per capita to provide the funds. The percent of the population receiving public assistance decreased in all counties (except Elk where no change occurred) from 1973 to 1976, an economically optimistic sign. Per capita expenditures represent the amount of money spent for each individual in the county. Thus the per capita expenditures can be considered per capita cost of providing public assistance of the indicated amount. The per capita expenditure when considered in relation to the portion of the population receiving assistance gives an indication of the relative amount of public assistance provided on a county-by-county basis.

The increase in per capita expenditure indicates the assistance recipients are getting increased funds. At the same time the proportion of the population receiving assistance has decreased. All counties except Venango (-33.6% change in per capita expenditures) have increased the dollar amount assistance per recipient since 1973.

The per capita cost of public assistance varies between counties ranging from a high of $161.05 in Venango County to a low of $72.04 in Forest County for fiscal year 1976. Nine of the nineteen counties had a per capita cost greater than $100.00, the average being $137.90, with a mean percent population receiving assistance of 6.0%. The ten remaining counties had an average per capita cost of $77.27 and the mean of the proportion of population on assistance of 3.7% in 1976.

Table 2.2.6-4 presents the county expenditures for three program classes of medical care; medically needy persons, cash assistance grants and school medical care, for the fiscal years 1972-73 and 1975-76. During this four year (1972-1976) period large relative changes in expenditures occurred within each county in each of the three categories shown. The most consistent change has been a decrease in school medical care expenditures in all counties which ranges from -8% (Jefferson County) to -73% (Greene County). In absolute terms the 8% decrease amounted to about $2,000 and the 73% decrease amounted to approximately $5,100. The largest absolute decrease occurred in Allegheny County -63.4% or $65,700. Regionally there was $177,400 less in school medical care expenditures in 1976 than in 1973, a 54.7% reduction.

The expenditures for medically needy persons decreased in only four counties; Cambria (-28.9%), Fayette (-80.9%), Venango (-45.0%) and Washington (-3.4%) Counties. The most dramatic decrease occurred in Fayette County where there was a decrease in expenditures of $7,000,000 over a four year period. Allegheny County had an increase of 73.1% in expenditures which amounted to nearly $18,000,000. The observed net regional increase in expenditures for medically needly persons was $16,000,000. Because the net

regional increase was $2,000,000 less than that for Allegheny County alone ($18,000,000) the remaining counties had a decrease in expenditures. However, as a whole the region showed a 20.6% increase in expenditures. A 64.6% increase in region-wide expenditures for cash assistance grants occurred between 1973 and 1976 amounting to a total of $37,835,000.

Allegheny County increased cash assistance expenditures by $16.5 million; 44% of the regional increase. Venango County is the only county which decreased expenditures in cash assistance by 44%, amounting to $985,000. The percent increase in the region for this program class ranged from 237% in Cambria County to 15% Clarion County (with the exclusion of Venango County). The smallest absolute increase was $22,000 in Forest County (65% more than in 1973).

The allocation of funds between the medically needy persons and cash assistance grants may vary depending on the needs of the population served. However, no apparent patern exists. Some counties spend a greater portion of funds on medically needy persons programs (Clarion, Elk, Jefferson, Somerset, Venango), others on cash assistance (Allegheny, Armstrong, Fayette, Greene, and Washington), and still others spend similar amounts on both programs (Beaver, Butler, Cambria, Clearfield, Indiana, etc.).

The number of persons per doctor for 1970-1974 is presented in Table 2.2.6-5. The number of hospital beds per 100,000 population and general hospitals for 1975 are also shown on Table 2.2.6-5. The high concentration of medical services in Allegheny County is quite evident from the number of hospitals and low number of persons per doctor. Approximately 60 percent of region doctors are located in Allegheny County, and approximately 80% of

all doctors in the Pennsylvania ORBES region are located in Allegheny and adjacent counties.

Physical services provided in the region are examined in terms of water and sewer service. Table 2.2.6-6 presents information on water utilities and sewer authorities for 1972 and 1975. The number of water utilities increase only by seven from 1972 to 1975 (301 and 308 respectively) throughout the Pennsylvania ORBES region. Although nine counties show a total increase of 15 water utilities, there was a total decline of 8 in five counties. There was only a total net increase of 19 water utilities throughout the Commonwealth of Pennsylvania. There was an increase of 43 sewer authorities with no reduction in the number of authorities in any one county. Regionally, the number of sewer authorities increased from 127 in 1972 to 170 in 1975.

Public water supply was available to 82% of dwellings in the region and 70% of the houses had public sewer connections in 1970 (Table 2.2.4-3). There was minor growth in the number of water and sewer customers between 1972 and 1975. The number of metered water customers increased by 7.7% and the water sold actually decreased by 2.9%. The increase in the number of customers serviced by sewer authorities was less than 0.2% (943 customers). Unique in the area of sewered customers is that some counties show a significant reduction in the number of customers, e.g., 20,632 in Cambria County, 1855 in Greene County, over 4,000 in Indiana County and nearly 3,000 in Westmoreland County.

2.2.7 AGRICULTURE AND NATURAL RESOURCES

The agricultural productivity of the region for 1975 compared with 1971 can be examined in Table 2.2.7-1. The cash receipts for nine categories of

agricultural activity are given in dollar amounts and as a percent increase over 1971 cash receipts.

Elk County was the only county in the region to demonstrate a decrease in total cash receipts since 1971 (-84%). The decrease is a result of reduced livestock production in all three livestock categories (meat animals, dairy products, poultry products) over 80%.

The most striking observation is the consistency of the receipts in several categories as a percent of 1971 receipts. Field crops (160%), Forest and Maple products (40%), Meat animals (22%), Dairy products (34%) and Poultry products (70%) show essentially the same percent increase in receipts for each county. It seems reasonable in these instances that productivity did not change between counties on a relative basis but rather the consistency observed has resulted from price increases for the products. All counties had a reduction in government payments (ranging from -96.2% in Elk County to -35.1% in Armstrong County) and still managed to increase cash receipts by more than one-third (excluding Elk and Butler Counties).

Table 2.2.7-2 presents the land use of inventoried land by county for 1968 and 1974. The total number of acres for 1968 and 1974 differ to some degree due to the nature and extent of land use inventories. However, the values are close enough that for practical purposes the land use categories are comparable.

Regionally, the area of forested land remained fairly stable. However, shifts of over 100,000 acres are seen in the three other land uses categories. Greene County alone accounted for a 98,000 acreage increase in 1974 in the "other" category and an 80,000 acre decrease in pasture land. 18,000 acres

of pasture land were a decrease in Westmoreland County and an increase in "other" acreage of 63,500.

The 133,400 acre decrease in cropland resulted from decreases of approximately 10,000 acres in Armstrong, Beaver, Butler, and Mercer Counties, 20,000 acres in Greene County and 40,000 in Westmoreland County. Numerous other counties had changes of 5,000 acres or less. The decrease in crop land and the observed increased receipts from field crops supports the supposition that increases in receipts were the result of price increases rather than production increases.

Pennsylvania produced over 3.7 million barrels (42 gallons each) of crude oil in 1970. The ORBES counties produced over 20% of the State total. Thirteen of the nineteen ORBES counties are oil producers with the 1970 output ranging from a low of 227 barrels in Fayette County to a high of 311,121 in Venango County (42% of the total regional 1970 production).

Table 2.2.7-3 presents the crude oil shipments of the ORBES counties for 1970 and the shipments for 1971, 1972, 1973, 1974 and 1975 as a percent of 1970 shipments. The State shipped 3.7 million barrels in 1970 and only 84.2% of this volume in 1975. The 1975 regional contribution was 138.3% of the 1970 regional production, 33.9% of the state 1975 volume.

Six of the oil producing counties increased production consistently during the 1970-1975 period. The ORBES counties have been, overall, increasing regional production and shipment and supplying a greater portion of state crude oil shipments. It should be noted however that 3,000,000 barrels of oil per year are not a critical contribution to the national oil demand.

Figure 2.2.7-1 indicates the types and location of industrial minerals production in the region with the exclusion of mineral fuels. The large number of areas producing minerals for refractory and structural purposes are indicative of the availability of regional resources for local development of industrial activities and the export of materials out of the region.

The Pennsylvania ORBES region contains significant amounts of coal and extensive waterways that can be included in a discussion of natural resources. However, the extensive topics of water and coal are discussed elsewhere in this report and will not be presented here.

2.2.8 SUMMARY, SOCIO-ECONOMIC CHARACTERISTICS

Presentation of socio-economic data on a county level basis is convenient for working within the recognized boundaries of taxing authorities and political subdivisions. However, a significant disadvantage of this is that the characteristics being examined are more meaningfully evaluated on a multi-county or regional basis. Consider the labor market areas in the Pennsylvania ORBES region as shown in Figure 2.2.8-1. Employment and labor availability is best described by the combination of Allegheny, Beaver, Washington and Westmoreland Counties which are within the economic sphere generated by the City of Pittsburgh. Cambria and Somerset Counties are within Johnstown's economic sphere. Not indicated are the economic centers outside of the State boundaries which influence some Pennsylvania ORBES areas. Wheeling and Morgantown, West Virginia and Youngstown, Ohio, have economic and social influence that cross County and State boundaries. Such factors are rarely defined when county level data are examined.

This summary will present an overview of material previously discussed but will do so by addressing "subregions" of the Pennsylvania ORBES region.

Combining county units into subregions based on their similarities may more fully indicate the regional diversity and interrelations that exist from a socio-economic perspective. The tables presented in this section will group counties based on ranges of socio-economic characteristic values.

Selection of one or two measures from each of the preceding topics are sufficient for grouping counties of similar characteristics. The variables were selected to be representative of the category from which chosen and, although possibly not the most reliable index of a category, they appear sufficient for the purpose at hand.

Aged Dependency Ratio as a percent of Total Dependency Ratio for 1970 (Table 2.2.8-1) provides a measure of the proportion of elderly persons in the dependent population. Four counties (Butler, Elk, Beaver and Westmoreland) have a fairly young dependent population. Fayette, Forest, Greene, and Jefferson Counties have a relatively large aged dependent population.

Population Density per square mile is indicated in table 2.2.8-2. The counties in the Pittsburgh area labor market represent four of the six most densely populated counties. The entire northeastern section of the Pennsylvania ORBES region is seen to have low population density. These are the most rural counties as well. The high population densities in Lawrence and Cambria Counties are the result of influences by Youngstown, Ohio and Johnstown, Pennsylvania. New Castle, Pennsylvania in Lawrence County also contributes to the population density.

Median family income for 1970, in $500 intervals, is shown in Table 2.2.8-3. The Pittsburgh area counties constitute four of the eight counties exhibiting the highest median family incomes. The influences of Johnstown in Cambria County, Youngstown, Ohio and New Castle, Pennsylvania in Lawrence

County are again evident. The four county group of Armstrong, Clarion, Indiana and Jefferson form a geographic unit that fall in the same median family income group. Fayette and Greene Counties also form a small contiguous area with similar income characteristics.

Fayette and Greene Counties fall into the same grouping of labor force change 1960-1970 (Table 2.2.8-4) and both demonstrate a labor force loss of greater than 5.0%. Allegheny and Washington Counties had minor labor force losses while Beaver and Westmoreland Counties (in particular) had labor force increases. It can be seen that proximity to Pittsburgh does not necessarily improve employment opportunity nor does nearness to other large labor market areas, e.g., Cambria and Lawrence Counties and their associated labor market areas.

When county percent changes in manufacturing employment 1972-1975 are grouped (Table 2.2.8-5) an interesting observation can be made. Although the overall region demonstrated no difference (see Table 2.2.3-2) in manufacturing employment, a relocation of manufacturing employment does appear to have occurred. The largest increases are in the counties surrounding major economic centers. Note the location of Beaver, Butler, Armstrong, Greene and Venango Counties relative to Allegheny and Westmoreland Counties (Figure 2.2.8-1). It appears that manufacturing activities have become increasingly dispersed into local areas rather than maintaining a centralization of activities.

Table 2.2.8-6 groups counties by the percent of housing built between 1960 and 1970. The groups not only reflect the development of new housing stock but are similar to those groups that would result from an examination

of 1960-1970 population growth. Butler, Forest, Westmoreland and Clarion Counties demonstrate the largest proportion of 1960-1970 built county housing and the highest population growth rates during 1960-1970. Butler, Clarion, and Forest Counties also have had the highest percent change in real property market value during the 1970 to 1975 period.

Clearfield, Indiana and Jefferson Counties have similarly demonstrated a rapid increase in taxable real property value (Table 2.2.8-7). The above six counties are all located in the northern half of the Pennsylvania ORBES region. Armstrong, Elk and Venango Counties have lagged somewhat behind in the growth of property value. Fayette County when examined relative to prior "rankings" is unusual. Generally associated with Greene County in most characteristics, Fayette has experienced an increase in property value comparable to Butler and Indiana Counties. The percent population increase 1970-1975 does not appear to be an explanatory variable. Fayette's population increased only 1.25% 1970-75 while Indiana (6.07%), Butler (7.98%) and Somerset (3.56%) had higher percent increases. Allegheny, Greene and Mercer Counties demonstrated the slowest rate of property value increase, all less than 22%.

The amount of public assistance provided within counties varies with income level, support from revenues, and the number of persons in the county. Table 2.2.8-8 groups counties by percent of the population receiving public assistance funds in 1976. Allegheny, Greene and Fayette Counties have the largest percentage of their populations receiving assistance. This reflects the employment level, income distribution and decreased economic development in these counties. Table 2.2.6-3 indicates that all counties (except Elk) have decreased the percentage of persons receiving assistance since 1973,

yet the cost of assistance has increased. It is again observed that the counties that border the Pittsburgh area to the north have a more desirable situation in that a smaller proportion of the population received assistance in 1976. Per-pupil expenditures for education and percent of State support are the final categories for which county groupings are defined (Tables 2.2.8-9 and 2.2.8-10). Allegheny County stands alone in terms of high per-pupil expenditure. This may reflect the large number of schools, transportation, and maintenance requirements in the urban area of Pittsburgh.

There is a fairly narrow range of expenditures between counties. Fifteen of the nineteen counties have per-pupil expenditures between $1150 and $1300. Seven of these counties spend less than $1225 per pupil. The state contribution to educational funds is not solely responsible for providing a more equitable amount of expenditure within the region. Many counties with higher per-pupil expenditures receive lower percentages of State support (e.g., Allegheny, Beaver, Mercer, etc.).

Taxes collected under State Act 511 (see Table 2.2.5-2) are used to support educational programs. The amount of State support provided to counties (Table 2.2.8-10) is higher in the counties that, in general, have a lower medical family income and higher reliance on earned income taxation. This is an apparent trend and is not an established rule for predictive purposes.

The large influence that Allegheny County has when regional values and volumes are discussed was indicated previously. Allegheny County contains 44% of the regional population, 62% of all region families which earned more than $15,000 in 1970, 46% of the 1970 labor force, had an increase of 7500 service employees from 1972 to 1975 (representing 50% of the total region increase), and 66% of total regional county government expenditures in 1974. It becomes

evident that presentation of absolute values will group counties on the basis of large populations and concentrated activities. Data presented on a strictly percent change basis may be misleading because the rate of change may be large while the volume of change is small (e.g., Forest County). However, the rate of change is an index of improvement or decline of selected characteristics such as labor force and does serve as a useful measure of county progress.

Tables 2.2.8-1 through 2.2.8-10 group counties on the basis of an absolute or percentage change value of the identified variable. The counties have been assigned unweighted rankings for each of the ten variables for which groupings are provided. The result of the rankings is shown on Table 2.2.8-11 and includes a sum of ranks. The order of ranking was arbitrarily performed such that the lower the number the more desirable the characteristic. For example, from Table 2.2.8-1 Elk County was given the rank of 1 because it had the lowest proportion of elderly dependents. Allegheny County received a rank of 1 for population density (Table 2.2.8-2) since increased density appears to indicate better opportunity, more available resources, and a developed economic base.

The qualitative nature of the ranking procedure is evident. No variable was given more weight than another and no county was weighted based on absolute contribution. The result of the ranking procedure can be seen in Figure 2.2.8-2 where the final ranking was used to group counties. Counties were placed in groups of four (three in the final group) solely on the basis of rank. Thus, Group 1 consists of counties ranked 1, 2, 3, 4 (Butler, Beaver, Westmoreland and Indiana) and constitute the counties with the most desirable overall character.

TABLE	SOURCE
2.2.1-1	1977 Pennsylvania Abstracts, Department of Commerce, Commonwealth of PA, 1977, pp. 16 (1977 PA ABST pg. 16)
2.2.1-2	1977 PA, ABST pg. 12-13, 1960 U.S. CENSUS, 1970 U.S. CENSUS*
2.2.1-3a	1970 U.S.CENSUS
2.2.1-3b	1977 PA ABST pg., AREA RESOURCE FILE, BUREAU OF HEALTH MANPOWER U.S. Dept. HEW, 1970 U.S. CENSUS
2.2.2-1	1970 U.S. CENSUS
2.2.2-2	1970 U.S. CENSUS
2.2.3-1	1970 U.S. CENSUS, 1960 U.S. CENSUS
2.2.3-2	1977 data 1974 PA ABST pg. 139, 1975 data 1977 PA ABST p. 129
2.2.3-3 thru 9	1970 U.S. CENSUS
2.2.4-1	1970 U.S. CENSUS
2.2.4-2	1970 U.S. CENSUS
2.2.4-3	1970 U.S. CENSUS
2.2.4-4	1970 U.S. CENSUS
2.2.4-5	1970 U.S. CENSUS
2.2.5-1	1977 PA ABST pg. 288 1974 PA ABST pg. 233
2.2.2-2	1977 PA ABST pg. 261, 262
2.2.5-3	1977 PA ABST pg. 237
2.2.6-1	1977 PA ABST pg. 152, 153
6-2	1977 PA ABST pg. 268, pg. 153
6-3	75-76 data 1977 PA ABST pg. 184 72-73 data 1974 PA ABST pg. 189
2.2.6-4	75-76 data 1977 PA ABST pg. 193, 194 72-73 data 1974 PA ABST pp. 198, 199
2.2.6-5	1977 PA ABST pg. 176, AREA RESOURCE RILE, BUREAU of HEALTH MANPOWER, U.S. Dept. HEW 1975
2.2.6-6	1975 data 1977 PA ABST pg. 349 and 351 1972 data 1974 PA ABST pg. 353, 354
2.2.7-1	1974 data 1977 PA ABST pg. 308 1971 data PA ABST pg. 312

2.2.7-2	1977 PA ABST pg. 320
2.2.7-3	1977 PA ABST pg. 317
2.2.7-1	1977 PA ABST pg. 315
2.2.8-1	1977 PA ABST pg. 127

2.2.8-1 to 2.2.8-11 Data obtained from previous tables

*1960 U.S. CENSUS AND 1970 U.S. CENSUS DATA COMPILED BY S.I. GORDON, DEPT. CITY AND REGIONAL PLANNING, OHIO STATE UNIVERSITY.

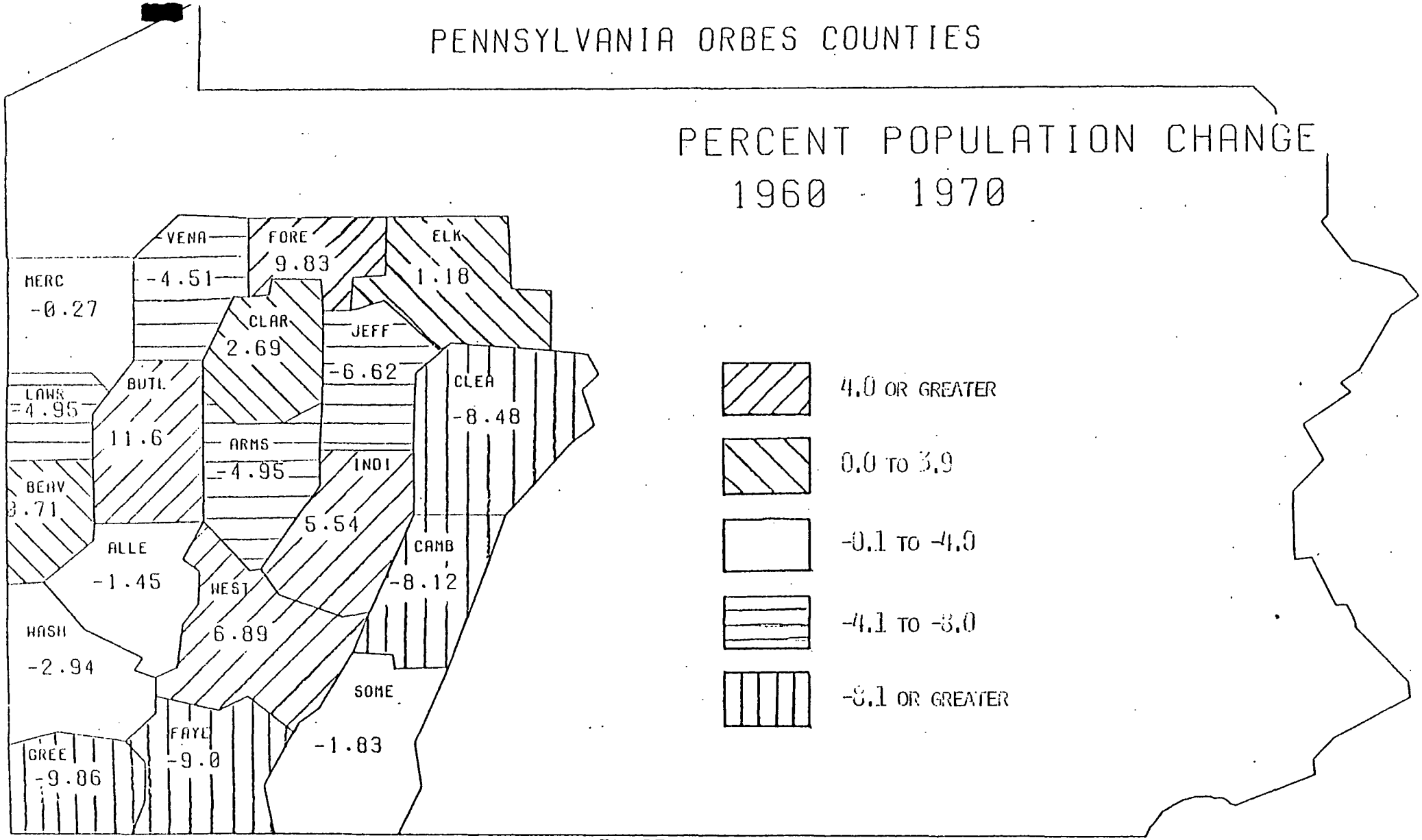


FIGURE 2.2.1-1A

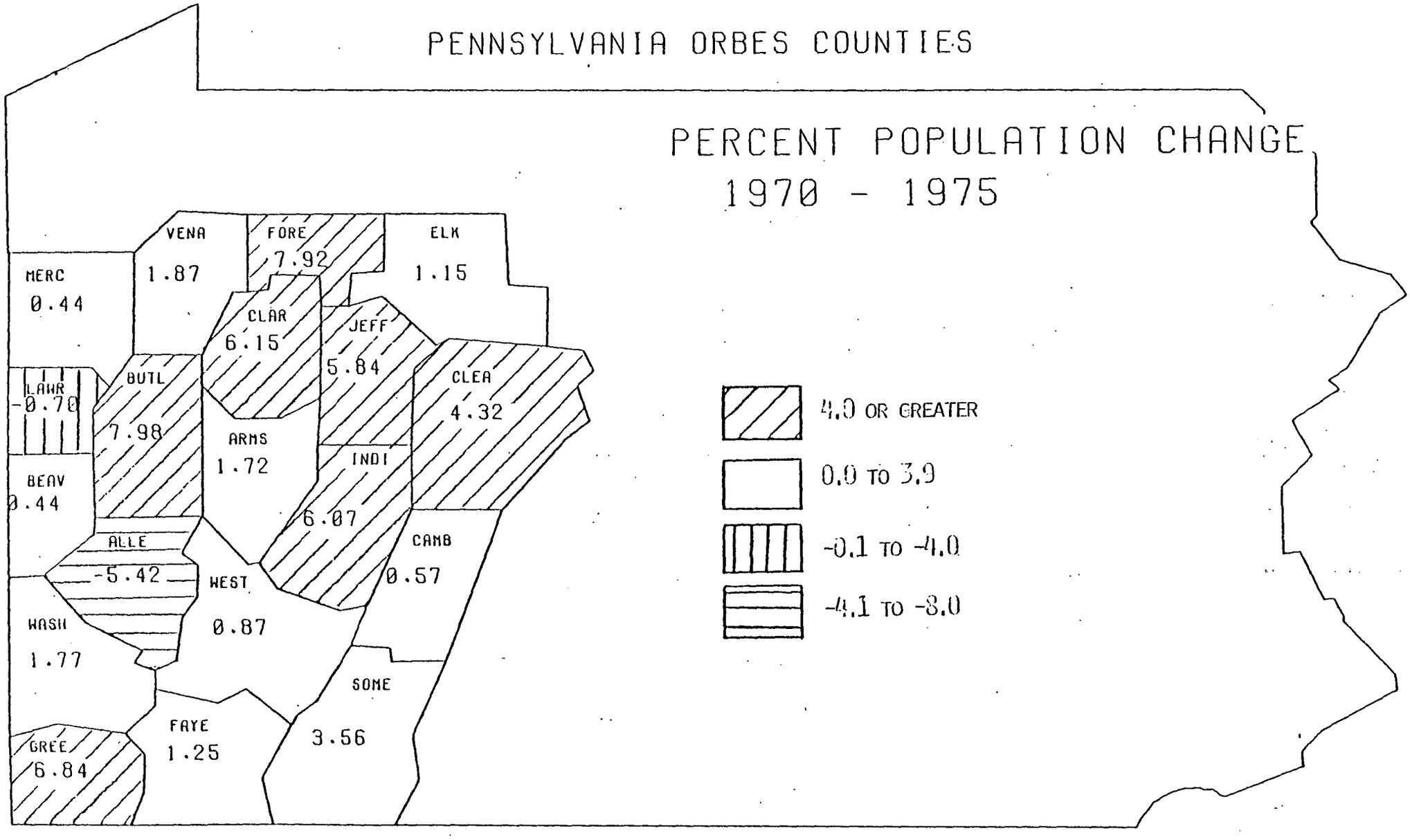


FIGURE
2.2.1-1B

TABLE 2.2.1.-1

POPULATION TRENDS 1960 TO 1975
FOR PENNSYLVANIA ORBES COUNTIES AND STATE ORBES TOTALS

County	1960	1970	% Change 60 - 70	1975	% Change 70 - 75
Allegheny	1628587	1605016	- 1.45	1517996	- 5.42
Armstrong	79524	75590	- 4.95	76891	1.72
Beaver	206948	208418	0.71	209328	0.44
Butler	114639	127941	11.60	138152	7.98
Cambria	203283	186785	- 8.12	187851	0.57
Clarion	37408	38414	2.69	40776	6.15
Clearfield	81534	74619	- 8.48	77842	4.32
Elk	37328	37770	1.18	38206	1.15
Fayette	169340	154667	- 9.00	156607	1.25
Forest	4485	4926	9.83	5316	7.92
Greene	39424	36090	- 9.86	38558	6.84
Indiana	75366	79451	5.54	84306	6.07
Jefferson	46792	43695	- 6.62	46245	5.84
Lawrence	112965	107374	- 4.95	106623	- 0.70
Mercer	127519	127175	- 0.27	127741	0.44
Somerset	77450	76037	- 1.83	78746	3.56
Venango	65295	62353	- 4.51	63516	1.87
Washington	217271	210876	- 2.94	214611	1.77
Westmoreland	352629	376935	6.89	380289	0.87
TOTAL	3677787	3634132	- 1.19	3589600	- 1.23
MEAN	193568	191270	- 1.20	188926	- 1.23
MEDIAN	81534	79451	- 2.56	84306	6.11

TABLE 2.2.1.-2

POPULATION CHARACTERISTICS, PENNSYLVANIA ORBES COUNTIES

	1970 Population					1960 Population			
County	Total	% White	% Black	% Urban	% Rural	Total	% Change 50 - 60	% Urban	% Rural (Farm)
Alle	1605016.	90.67	9.19	94.75	5.25	1628587.	7.5	93.2	0.1
Arms	75590.	98.91	1.00	18.49	80.85	79524.	- 1.6	23.2	5.7
Beav	208418.	94.27	5.56	76.59	23.41	206948.	18.1	70.9	1.4
Butl	127941.	99.50	0.34	30.21	69.79	114639.	17.8	29.3	6.0
Camb	186785.	98.03	1.85	58.85	41.15	203283.	- 3.0	60.6	2.2
Clar	38414.	99.77	0.10	15.87	84.13	37408.	- 2.4	13.3	11.7
Clea	74619.	99.67	0.20	28.78	71.22	81534.	- 5.1	28.4	3.5
Elk	37770.	99.91	0.02	47.12	52.88	37328.	8.2	52.0	1.6
Faye	154667.	95.56	4.30	32.81	67.19	169340.	-10.8	30.1	2.7
Fore	4926.	99.15	0.02	0.00	100.00	4485.	- 9.3	- 0.0	7.1
Gree	36090.	98.96	0.93	14.28	85.72	39424.	-13.2	13.2	12.3
Indi	79451.	99.25	0.60	25.82	74.18	75366.	- 2.3	23.8	9.0
Jeff	43695.	99.88	0.07	39.84	60.16	46792.	- 4.8	40.9	8.5
Lawr	107374.	97.28	2.58	52.75	47.25	112965.	7.5	52.6	4.0
Merc	127175.	95.73	4.13	49.83	50.17	127519.	13.9	53.8	6.3
Some	76037.	99.75	0.15	21.68	78.32	77450.	- 5.3	21.0	10.6
Vena	62353.	99.25	0.63	53.37	46.63	65295.	- 0.1	52.1	4.2
Wash	210876.	96.25	3.63	44.02	55.98	217271.	3.6	41.1	3.6
West	376935.	98.23	1.62	59.73	40.27	352629.	12.6	60.7	2.1
PA. ORBES TOTAL	3634132.	94.53	5.33	67.96	32.02	3677787.	5.9	66.9	2.4

TABLE 2.2.1.-3a

AGE DISTRIBUTION AS A PERCENT OF COUNTY POPULATION, 1970 CENSUS

	Age Distribution, 5-Year Intervals															
County	< 5	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+
Alle	7.23	8.78	9.91	9.09	7.00	6.01	4.93	5.12	6.50	6.90	6.69	5.97	4.93	3.82	2.97	4.15
Arms	7.67	9.06	10.34	9.47	6.06	5.18	4.89	5.00	6.36	6.94	6.42	5.91	4.93	4.14	3.14	4.50
Beav	7.68	9.53	10.77	9.45	6.26	5.48	5.16	5.50	6.87	7.12	6.73	5.70	4.36	3.23	2.57	3.59
Butl	8.63	10.13	10.80	10.22	7.25	6.06	5.41	5.33	6.16	6.11	5.70	4.86	3.79	2.99	2.46	4.08
Camb	7.46	8.89	10.88	10.43	6.58	4.71	4.33	4.74	6.16	6.85	6.86	6.21	4.90	3.78	2.95	4.27
Clar	8.13	9.19	9.92	11.74	8.53	5.35	5.30	4.92	5.45	5.66	5.37	4.69	4.31	3.87	3.06	4.51
Clea	8.49	9.71	10.39	8.62	5.82	5.52	5.02	4.97	5.91	6.32	6.36	5.63	4.96	4.20	3.41	4.68
Elk	9.60	10.87	11.17	8.60	5.97	5.56	5.43	5.32	6.11	6.17	6.00	5.28	4.45	3.42	2.51	3.54
Faye	8.01	9.03	10.15	9.36	6.05	4.99	4.55	4.72	6.29	6.75	6.58	5.98	5.15	4.21	3.33	4.85
Fore	7.33	10.01	9.50	8.10	4.75	5.38	5.52	4.99	5.26	5.68	5.70	6.09	6.21	5.56	4.09	5.83
Gree	7.45	8.55	9.86	10.43	6.79	4.80	4.23	4.52	5.67	6.37	6.40	6.10	5.49	4.33	3.56	5.44
Indi	7.94	8.97	9.52	12.66	9.65	5.23	4.75	4.53	5.61	5.68	5.75	5.12	4.23	3.32	2.75	4.29
Jeff	7.33	9.08	10.37	8.91	5.61	4.90	5.19	5.14	5.93	6.15	6.30	5.90	5.22	4.40	3.90	5.66
Lawr	7.40	8.69	10.39	10.23	6.98	5.40	4.75	5.19	6.39	6.96	6.57	5.74	4.42	3.54	2.86	4.50
Merc	7.81	9.18	10.66	10.41	7.42	5.51	4.81	5.13	6.24	6.52	6.11	5.32	4.35	3.49	2.77	4.28
Some	7.91	9.00	10.14	9.06	6.12	5.25	4.92	5.12	6.24	6.86	6.45	5.92	4.97	3.89	3.25	5.01
Vena	7.82	9.32	10.38	9.57	6.30	5.92	5.43	5.42	6.54	6.30	5.95	5.36	4.68	3.65	3.00	4.35
Wash	7.25	8.70	10.11	9.48	6.81	5.30	5.08	5.23	6.48	7.05	6.96	6.11	4.75	3.55	2.87	4.28
West	7.92	9.37	10.32	8.90	6.25	5.67	5.29	5.52	6.80	7.14	6.66	5.74	4.52	3.42	2.64	3.83
STATE	7.85	9.18	9.91	9.12	7.23	11.15		11.60		12.85		5.58	4.74	6.70		4.09

DEPENDENCY RATIOS AND POPULATION FOR THE PENNSYLVANIA ORBES COUNTIES, 1950, 1960, and 1970

TABLE 2.2.1.-3b

County	Population (By Year) 1950	Dependency Ratio* 1950		Population (By Year) 1960	Dependency Ratio* 1960		Population 1970	Dependency Ratio* 1970	
		Total	Aged		Total	Aged		Total	Aged
Alle	1515237	47.5	11.7	1628587	63.4	15.7	1605016	58.4	17.3
Arms	80842	59.8	13.9	79524	70.0	17.3	75590	63.5	19.3
Beav	175192	50.1	10.2	206948	65.5	13.7	208418	59.7	15.0
Butl	97320	59.7	15.0	114639	73.0	16.8	127941	64.2	15.7
Camb	209541	56.5	11.6	203283	70.0	16.8	186785	61.9	17.8
Clar	38344	65.8	15.9	37408	72.2	18.8	38414	63.1	18.7
Clea	85957	64.4	15.1	81534	70.6	18.4	74619	69.1	20.8
Elk	34503	57.5	13.7	37328	71.0	15.6	37770	69.8	16.1
Faye	189899	58.7	12.7	169340	71.0	19.0	154667	65.5	20.5
Fore	4944	72.2	19.9	4485	72.7	21.9	4926	73.3	26.8
Gree	45349	61.8	14.0	38424	71.0	20.9	36090	64.5	21.9
Indi	77106	61.6	13.9	75366	69.2	18.1	79451	58.2	16.4
Jeff	49147	62.6	16.9	46792	73.9	21.9	43695	68.8	23.6
Lawr	105120	53.1	13.3	112965	69.5	17.5	107374	59.7	17.4
Merc	111954	56.3	14.7	127519	69.5	16.8	127175	61.8	17.1
Some	81813	61.5	14.5	77450	71.2	19.7	76037	64.2	19.9
Vena	65328	58.9	15.7	65295	70.6	18.6	62353	62.7	17.9
Wash	209618	54.1	13.1	217271	65.3	16.9	210876	58.1	16.9
West	313179	51.7	11.8	352629	65.8	15.6	376935	60.0	15.8

*Total = $\leq$ 15 yrs. + $\geq$ 65 ÷ >15 yrs. + < 65 yrs.

Aged = $\geq$ 65 yrs. ÷ >15 yrs. + < 65 yrs.

TABLE 2.2.2.-1

INCOME TRENDS FOR
PENNSYLVANIA ORBES COUNTIES

	MEDIAN FAMILY INCOME 1960	MEDIAN FAMILY INCOME 1970	% CHANGE IN FAMILY MEDIAN INCOME 1960 - 1970	PER CAPITA INCOME 1969	PER CAPITA INCOME 1974	% CHANGE IN PER CAPITA INCOME 1969 - 1974	% FAMILY BELOW POVERTY 1970
ALLEGHENY	6173	10,090	63.5	3321	4924	48.3	7.1
ARMSTRONG	5033	7,702	53.0	2390	3702	54.9	8.8
BEAVER	5777	9,428	63.2	2868	4481	56.2	7.2
BUTLER	5815	9,032	55.3	2604	3854	48.0	8.6
CAMBRIA	4753	8,563	80.2	2540	4024	58.4	9.0
CLARION	4804	7,635	58.9	2308	3527	52.8	13.8
CLEARFIELD	4640	7,488	61.4	2272	3470	52.7	13.8
ELK	5641	8,472	50.2	2454	3529	43.8	7.4
FAYETTE	4291	7,170	66.6	2164	3323	53.6	17.6
FOREST	4641	8,291	78.6	2486	3701	48.9	8.9
GREENE	4441	7,337	65.2	2185	3348	53.2	17.8
INDIANA	4907	7,947	61.9	2391	3630	51.8	11.7
JEFFERSON	4568	7,520	64.6	2370	3565	50.4	13.4
LAWRENCE	5617	8,664	54.2	2605	3809	46.2	9.4
MERCER	5872	9,287	58.2	2733	3947	44.4	7.8
SOMERSET	4055	7,634	88.3	2444	3840	57.1	11.1
VENANGO	5307	8,248	55.4	2481	3767	51.4	10.6
WASHINGTON	5386	8,664	60.9	2650	3992	50.6	9.7
WESTMORELAND	5597	9,293	66.0	2848	4187	47.0	6.5
PA. ORBES COUNTIES							8.5
STATE		9,558		3066	4449	45.1	7.9

TABLE 2.2.2.-2

FAMILY INCOME 1970
INCOME RANGE, PERCENT OF FAMILIES

County	Number of Families	Less than $3,000	3,000-5,000	5,000-10,000	10,000-15,000	Greater than 10,000	Mean	Income Median
Alle	408,693	7.4	7.9	34.2	29.2	21.5	11840	10090
Arm	25,270	9.1	9.9	38.1	36.0	6.8	8531	7702
Beav	54,917	7.6	7.8	40.0	30.4	14.2	10122	9428
Butl	32,012	9.6	7.3	42.1	28.5	12.5	9559	9032
Camb	46,436	9.1	11.6	42.7	25.3	11.4	9503	8563
Clar	9,480	13.5	12.5	45.4	19.6	9.1	8295	7635
Clea	19,441	13.9	12.8	45.0	20.6	7.6	8064	7488
Elk	9,445	7.6	9.4	47.3	26.7	8.9	9087	8472
Faye	38,782	11.6	16.8	44.8	19.4	7.4	7594	7150
Fore	1,240	11.8	5.2	46.5	26.6	10.0	8508	8291
Gree	9,464	17.6	15.1	40.5	19.6	7.2	7589	7337
India	18,745	11.4	12.7	42.7	21.6	11.5	9094	7947
Jeff	10,282	14.8	15.2	51.2	9.7	9.1	8144	7520
Lawr	27,915	9.3	9.4	43.0	26.7	11.1	9254	8664
Merc	31,441	6.2	8.3	41.2	30.0	14.4	9898	9287
Some	19,981	11.6	15.0	42.5	20.2	10.8	8676	7634
Vena	15,345	10.2	10.5	44.9	24.2	10.2	8872	8248
Wash	55,176	9.4	9.5	42.9	25.9	12.3	9243	8664
West	99,572	7.1	9.1	40.3	29.2	14.4	10097	9293
REGION	936,119	8.5	9.4	38.6	27.5	15.0	---	---

TABLE 2.2.3.-1

TRENDS IN LABOR FORCE
PENNSYLVANIA ORBES COUNTIES

County	1960 Labor Force	1970 Labor Force	% Change in Labor Force, 1960-1970	% Male Labor Force		% Female Labor Force		Labor Force 1970	
				1960	1970	1960	1970	Male	Female
Alle	617985	617086	- 0.15	70	64	30	36	397738	219348
Arm	26287	25999	- 1.1	77	70	23	30	18194	7805
Beav	76176	77734	2.0	75	69	25	31	53260	24474
Butl	39996	45889	14.7	74	68	26	32	31095	14794
Camb	68143	63987	- 6.1	73	65	27	35	41879	22108
Clar	13075	13284	1.6	73	67	27	33	8897	4387
Clear	28618	27323	- 4.5	71	65	29	35	17758	9565
Elk	14129	14738	4.3	69	62	31	38	9194	5544
Faye	53270	49447	- 7.2	73	69	27	31	34075	15372
Fore	1582	1694	7.1	75	69	25	31	1172	522
Gree	12573	11276	-10.3	75	70	25	30	7860	3416
India	25605	28219	10.2	72	65	28	35	18247	9972
Jeff	16773	16205	- 3.4	69	65	31	35	10467	5738
Lawr	41076	39888	- 2.9	73	67	27	33	26896	12992
Merc	46941	47360	0.9	73	68	27	32	32036	15324
Some	26525	27843	5.0	71	66	29	34	18288	9555
Vena	22271	21253	- 4.6	70	66	30	34	14027	7226
Wash	76908	76497	- .53	74	68	26	32	52349	24148
West	124602	138572	11.2	74	68	26	32	94597	43975
PA. ORBES TOTAL	1332535	1344294	0.9						
					66.1		33.9	888029	456265

TABLE 2.2.3.-2

EMPLOYMENT COVERED BY THE UNEMPLOYMENT COMPENSATION LAW
BY INDUSTRY GROUP
PENNSYLVANIA ORBES COUNTIES
1ST QUARTER, 1972, 1975

	Mining			Construction			Manufacturing			Utilities & Transportation			Services		
County	1972	1975	Percent Change	1972	1975	Percent Change	1972	1975	Percent Change	1972	1975	Percent Change	1972	1975	Perc Chan
Allegheny	3,070	3,234	5.3	25,244	24,941	- 1.2	164,195	162,187	- 1.2	36,453	35,051	- 3.8	113,810	121,262	6.
Armstrong	1,879	1,933	2.9	464	399	- 14.0	4,009	4,476	11.6	1,526	1,499	- 1.8	1,550	1,761	13.
Beaver	268	240	-10.4	1,417	2,291	61.7	37,479	39,752	6.1	1,918	2,644	37.8	6,164	6,727	9.
Butler	527	623	18.2	1,198	1,293	7.9	13,283	15,167	14.2	1,727	2,042	18.2	3,668	3,981	8.
Cambria	4,742	6,010	26.7	1,665	1,503	- 9.7	19,674	19,725	0.3	3,063	3,265	6.6	8,833	8,770	- 7.
Clarion	647	1,015	56.9	275	489	77.8	2,665	2,377	-10.8	758	758	0.0	898	1,061	18.
Clearfield	1,419	1,807	27.3	664	651	- 1.9	5,906	6,783	14.8	1,443	1,496	3.7	2,280	2,914	27.
Elk	83	61	-26.5	178	218	22.5	8,306	7,126	-14.2	515	510	- 1.0	1,258	1,514	20.
Fayette	1,065	1,395	31.0	1,017	826	- 18.8	7,707	7,216	- 6.4	1,952	1,590	-18.5	3,348	3,785	13.
Forest	6	D	---	27	D	---	515	493	- 4.3	69	55	-20.3	36	80	122.
Greene	3,139	3,546	13.0	79	186	135.4	736	853	15.9	548	585	6.8	994	966	- 2.
Indiana	2,453	3,233	31.8	495	658	32.9	5,366	5,459	1.7	1,374	1,549	12.7	1,773	2,271	28.
Jefferson	413	623	50.8	329	411	24.9	5,386	5,334	- 0.9	497	679	36.6	1,243	1,331	7.
Lawrence	389	258	-33.7	654	753	15.1	10,387	9,799	- 5.7	1,645	1,549	- 6.0	5,004	5,269	5.
Mercer	116	127	9.5	928	1,084	16.8	18,323	17,566	- 4.1	2,600	2,658	2.2	5,769	6,260	8.
Somerset	1,637	2,009	22.7	591	565	- 4.4	3,991	3,465	-13.2	867	922	6.3	1,820	2,525	38.
Venango	104	88	-15.4	430	456	6.0	7,460	8,213	10.1	1,349	1,253	- 7.1	2,193	2,446	11.
Washington	4,867	5,991	23.1	3,008	2,624	- 12.8	17,626	18,133	2.9	3,157	2,887	- 8.5	7,199	7,857	9.
Westmoreland	1,454	1,780	22.4	3,738	3,496	- 6.5	37,164	35,913	- 3.4	5,805	6,043	4.1	13,358	15,176	13.
	28,278	33,973	20.1	42,401	42,844	1.1	370,178	370,037	- 0.0	67,266	67,032	- 0.4	181,198	195,956	8.

TABLE 2.2.3-3

1970

EMPLOYMENT CHARACTERISTICS, PENNSYLVANIA ORBES COUNTIES
DURABLE GOODS EMPLOYMENT

NUMBER EMPLOYED IN,

COUNTY	CONSTRUCTION	MANUFACTURING	FURNITURE LUMBER and WOOD PRODUCTS	METAL INDUSTRIES	MACHINERY except ELECTRICAL	ELECTRICAL MACHINERY and SUPPLIES	TRANSPORTATION EQUIPMENT	OTHER DURABLE GOODS
ALLE	31703	162639	1870	71049	15302	14829	5746	17467
ARMS	1595	8781	231	2801	390	245	403	3065
BEAV	3047	35791	177	24923	1485	2883	178	3210
BUTL	2865	15387	214	6364	1501	498	1911	2149
CAMB	2510	20110	269	11499	501	276	1164	1142
CLAR	918	3790	258	226	219	83	355	1843
CLEA	2088	7874	395	485	435	676	219	2223
ELK	473	7884	248	1552	151	4129	25	675
FAYE	3117	13777	740	4801	457	320	850	3161
FORE	118	644	82	136	38	5	7	278
GREE	1053	1506	65	224	86	87	112	156
INDI	2051	6523	377	2008	868	89	79	1203
JEFF	1167	5269	187	265	372	757	82	2400
LAWR	1634	14654	123	6207	2656	230	897	2917
MERC	1631	19438	297	7945	1414	5082	2376	1330
SOME	2062	7262	614	2013	252	111	153	606
VENA	1158	7668	204	1554	3288	117	149	688
WASH	4314	24802	226	11438	1562	3434	286	4171
WEST	6747	52757	586	20732	6770	6407	1909	8501
TOTAL	70251	416556	7163	176222	37747	40258	16901	57185
MEAN	3697	21924	377	9275	1987	2119	890	3010
MEDIAN	2051	8781	248	2801	501	320	286	2149

TABLE 2.2.3-4

EMPLOYMENT CHARACTERISTICS, PENNSYLVANIA ORBES COUNTIES
NUMBER of CRAFTSMEN, FOREMEN, and KINDRED WORKERS

COUNTY	CRAFTSMEN FOREMEN and KINDRED WORKERS	AUTO-BODY and AUTO-MECHANIC WORKERS	MECHANICS and REPAIR: NON-AUTO	METAL CRAFTS except AUTO	CONSTRUCTION CRAFTSMEN	OTHER CRAFTSMEN
ALLE	84142	6352	11290	10861	19889	35750
ARMS	4141	322	587	521	1126	1585
BEAV	15183	769	1589	2717	3104	7004
BUTL	7913	598	1207	875	2283	2950
CAMB	10384	687	1484	1281	2098	2934
CLAR	2067	249	269	104	660	785
CLEA	4295	415	604	356	1346	1574
ELK	2516	121	287	716	365	1027
FAYE	8469	740	1396	822	2199	3312
FORE	259	18	39	34	64	104
GREE	2181	150	407	94	619	911
INDI	4174	390	639	306	1169	1670
JEFF	2892	245	435	339	781	1092
LAWR	7076	503	826	1428	1425	2894
MERC	7660	614	930	1421	1691	3004
SOME	4415	596	550	315	1384	1570
VENA	3629	290	499	620	754	1466
WASH	13260	1014	2182	1851	3167	5046
WEST	22260	1939	2819	3944	5041	8517
TOTAL	206916	16012	28039	28605	49165	83095
MEAN	10890	843	1476	1506	2588	4373
MEDIAN	4415	503	639	716	1384	1670

TABLE 2.2.3-5

EMPLOYMENT CHARACTERISTICS, PENNSYLVANIA ORBES COUNTIES
MANAGEMENT, ADMINISTRATION and SALES

NUMBER EMPLOYED IN,

	MANAGERS and ADMINISTRATION						SALES WORKERS		
COUNTY	TOTAL MANAGERS and ADMINISTRATORS except FARM	SALARIED in MANUFACTURING	SALARIED: RETAIL	SALARIED: other INDUSTRIES	SELF-EMPLOYED: RETAIL	SELF-EMPLOYED: OTHER	TOTAL	RETAIL	OTHER
ALLE	46453	9104	8974	22133	3236	3006	51165	29333	21832
ARMS	1211	123	243	501	192	152	1401	1083	318
BEAV	3782	656	754	1597	499	276	4567	3445	1122
BUTL	2715	466	543	1253	192	261	2675	1701	974
CAMB	3601	290	756	1668	546	341	4219	2853	1366
CLAR	746	60	134	304	157	91	762	572	190
CLEA	1800	187	399	801	246	167	1496	1011	485
ELK	738	182	128	190	150	88	790	550	240
FAYE	2843	172	568	1418	442	243	2807	1975	832
FORE	117	15	8	74	0	20	84	59	25
GREE	707	51	115	347	116	78	540	380	160
INDI	1579	143	356	689	264	127	1641	1192	449
JEFF	940	106	128	407	193	106	865	565	300
LAWR	2276	278	503	1007	234	254	2373	1591	782
MERC	2820	403	684	1085	356	292	2784	1905	879
SOME	1523	147	245	675	254	202	1513	1061	452
VENA	1287	269	260	556	87	115	1148	688	460
WASH	4868	754	1093	2018	563	440	4591	3076	1515
WEST	8225	1535	1631	3250	983	826	8862	5925	2937
TOTAL	88212	14941	17522	38263	8710	7085	94283	58965	35318
MEAN	4644	786	922	2014	458	373	4962	3103	1859
MEDIAN	1800	187	399	801	246	202	1641	1192	485

TABLE 2.3.3-6

EMPLOYMENT CHARACTERISTICS, PENNSYLVANIA ORBES COUNTIES
SERVICES EMPLOYMENT

NUMBER EMPLOYED IN,

COUNTY	RAILROAD and RAILROAD EXPRESS	TRUCKING and WAREHOUSING	OTHER TRANSPORTATION	COMMUNICATIONS	UTILITY and SANITARY SERVICES
ALLE	8471	8593	8097	8182	9493
ARMS	226	499	140	305	641
BEAV	1799	927	908	475	1025
BUTL	358	963	345	497	661
CAMB	1451	724	308	604	1219
CLAR	167	269	75	84	238
CLEA	418	521	163	247	450
ELK	71	110	42	120	236
FAYE	1310	605	494	411	1095
FORE	6	20	26	0	54
GREE	14	64	116	149	497
INDI	306	296	176	183	621
JEFF	497	262	101	124	215
LAWR	812	848	232	457	810
MERC	845	527	327	223	497
SOME	367	679	171	281	362
VENA	211	409	90	269	498
WASH	744	1059	761	664	1502
WEST	1553	2500	1005	1483	2637
TOTAL	19626	19875	13577	14758	22751
MEAN	1033	1046	715	777	1197
MEDIAN	418	527	176	281	621

TABLE 2.2.3-7

EMPLOYMENT CHARACTERISTICS, PENNSYLVANIA ORBES COUNTIES
TRADE and FINANCE EMPLOYMENT

NUMBER EMPLOYED IN,

COUNTY	WHOLESALE TRADE	FOOD BAKERY DAIRY STORES	EATING and DRINKING PLACES	GENERAL MERCHANDISE: RETAIL	MOTOR VEHICLE RETAIL SERVICE	OTHER RETAIL TRADE	BANKING and CREDIT INSTITUTIONS	REAL ESTATE and other FINANCE
ALLE	27919	16655	18333	22723	10591	32028	11909	19907
ARMS	424	762	590	512	588	1241	228	256
BEAV	1273	1989	1948	2284	1365	3025	858	914
BUTL	1308	1132	1024	1015	1137	1977	536	859
CAMB	1660	2015	1417	2147	1529	2859	745	886
CLAR	284	411	280	204	364	711	159	126
CLEA	756	833	454	572	743	1388	295	413
ELK	160	306	245	240	194	753	114	156
FAYE	1211	1510	1285	1157	1367	2372	628	745
FORE	26	28	45	57	32	84	22	0
GREE	99	327	164	118	336	474	166	93
INDI	520	849	805	747	644	1324	263	330
JEFF	608	498	390	204	352	750	158	197
LAWR	828	1265	908	941	885	2037	409	934
MERC	1032	1265	1215	1151	1262	2382	519	595
SOME	656	761	658	604	763	1165	291	391
VENA	329	585	359	379	437	954	355	456
WASH	1786	2145	2084	2015	1725	3639	783	1337
WEST	3502	4115	3617	3501	3098	6179	1413	2199
TOTAL	44381	37451	35821	40571	27412	65342	19851	30794
MEAN	2336	1971	1885	2135	1443	3439	1045	1621
MEDIAN	756	849	805	747	763	1388	355	456

TABLE 2.2.3-8

EMPLOYMENT CHARACTERISTICS, PENNSYLVANIA ORBES COUNTIES
PROFESSIONAL, TECHNICAL and KINDRED EMPLOYMENT

NUMBER EMPLOYED IN,

COUNTY	TOTAL	ENGINEERING	PHYSICIANS DENTISTS and RELATED	HEALTH WORKERS except PRACTITIONERS	TEACHERS SECONDARY and ELEMENTARY	TECHNICIANS except HEALTH	OTHER PROFESSIONAL
ALLE	100862	13504	5446	11827	18142	10098	41845
ARMS	2519	148	65	348	836	380	742
BEAV	8752	1151	371	1215	2326	987	2702
BUTL	5854	399	213	833	1664	653	2092
CAMB	7020	616	372	1221	2235	489	2087
CLAR	1464	39	51	96	526	106	646
CLAE	2393	203	115	310	713	281	771
ELK	1711	250	71	279	394	284	433
FAYE	4569	286	179	616	1743	418	1327
FORE	91	0	5	0	36	0	50
GREE	1114	42	49	159	376	33	455
INDI	3484	244	79	419	981	307	1454
JEFF	1429	88	49	169	482	116	525
LAWR	4168	283	222	659	1286	314	1404
MERC	5878	623	278	731	1716	622	1908
SOME	2345	102	119	380	926	197	621
VENA	2494	199	95	451	706	292	751
WASH	8629	676	337	1184	2438	909	3085
WEST	19064	2614	634	2441	4803	2800	5772
TOTAL	183840	21467	8750	23338	42329	19286	6870
MEAN	9676	1130	461	1228	2228	1015	3614
MEDIAN	3484	250	119	451	981	314	1327

TABLE 2.2.3-9

1970

EMPLOYMENT CHARACTERISTICS, PENNSYLVANIA ORBES COUNTIES
NON-DURABLE GOODS EMPLOYMENT

NUMBER EMPLOYED IN,

COUNTY	FOOD and KINDRED PRODUCTS	TEXTILES and FABRICATED TEXTILE PRODUCTS	PRINTING PUBLISHING and ALLIED INDUSTRIES	CHEMICALS and ALLIED PRODUCTS	OTHER NON-DURABLE GOODS
ALLE	10906	1567	8207	6189	9507
ARMS	355	343	132	339	477
BEAV	457	205	488	1167	618
BUTL	361	355	303	382	1349
CAMB	703	3273	459	101	723
CLAR	223	28	58	63	434
CLEA	465	1479	164	34	1299
ELK	70	5	48	156	825
FAYE	399	1529	290	281	349
FORE	0	7	5	5	81
GREE	62	372	123	21	197
INDI	177	640	230	53	799
JEFF	100	361	130	72	533
LAWR	398	221	285	165	555
MERC	303	40	225	86	340
SOME	519	2308	178	47	461
VENA	99	63	362	88	1056
WASH	625	664	493	624	1279
WEST	1465	1129	1343	786	3129
TOTAL	17687	14589	13523	10659	24011
MEAN	931	767	711	561	1263
MEDIAN	361	361	230	101	618

TABLE 2.2.4.-1

HOUSING CHARACTERISTICS, PENNSYLVANIA ORBES COUNTIES

	Year Built				Water Service			Sewer Service		
County	Pre 39	1940-49	1950-59	1960-70	Public	Well	Other	Public	Septic Tank	Other
Alle	291827	66580	102203	72579	512509	17555	3057	486058	43981	3082
Arms	16807	2153	3636	3104	13319	10104	2261	8984	14508	2192
Beav	32440	9907	14503	9092	52526	12240	1144	44055	20765	1090
Butl	19645	3803	7732	8369	18098	19114	2359	15471	22575	1525
Camb	39357	5758	8764	4781	51689	5105	1856	42531	13697	2422
Clar	8122	999	1383	2103	5719	4990	1887	4187	7290	1119
Clea	18906	1769	2781	2426	17372	6552	1971	11836	11201	2858
Elk	7358	1047	2087	1619	9328	2082	719	7272	4080	777
Faye	36549	4407	5815	5107	40465	7929	3451	22802	23689	5374
Fore	1333	338	1117	1905	1306	1631	1796	390	2200	2143
Gree	8888	1468	1055	1092	7514	3581	1409	4632	5872	2000
Indi	15361	1778	2828	3890	13282	8587	2483	9429	12699	2244
Jeff	11918	813	1589	1416	9214	4658	1854	7452	7218	1056
Lawr	21170	2835	5818	4089	24581	9290	558	18626	15149	654
Merc	23308	3732	7045	5945	25629	13406	990	25307	13875	843
Some	16510	2510	3131	3294	15373	6737	3315	9645	13285	2495
Vena	14807	1325	2118	2369	12851	6025	1771	12084	6996	1567
Wash	42652	5337	10630	10414	52209	12130	4691	34758	30887	3385
West	62147	11673	25522	23094	96059	19209	5109	65933	50324	4120
TOTAL	689605	128232	209757	166708	979063	170925	42681	831452	320291	40946
MEAN	36295	6749	11039	8774	51530	8996	2246	43760	16857	2155
MEDIAN	18906	2510	3636	3890	17372	7929	1887	12084	13697	2143

TABLE 2.2.4.-2

HOUSING CHARACTERISTICS, PENNSYLVANIA ORBES COUNTIES

	Year Built				Water Service			Sewer Service		
County	Pre 39	1940-49	1950-59	1960-70	Public	Well	Other	Public	Septic	Other
Alle	42.32	51.92	48.72	43.54	52.35	10.27	7.16	58.46	13.73	7.53
Arms	2.44	1.68	1.73	1.86	1.36	5.91	5.30	1.08	4.53	5.35
Beav	4.70	7.73	6.91	5.45	5.36	7.16	2.68	5.30	6.48	2.66
Butl	2.85	2.97	3.69	5.02	1.85	11.18	5.53	1.86	7.05	3.72
Camb	5.71	4.49	4.18	2.87	5.28	2.99	4.35	5.12	4.28	5.92
Clar	1.18	0.78	0.66	1.26	0.58	2.92	4.42	0.50	2.28	2.73
Clea	2.74	1.38	1.33	1.46	1.77	3.83	4.62	1.42	3.50	6.98
Elk	1.07	0.82	0.99	0.97	0.95	1.22	1.68	0.87	1.27	1.90
Faye	5.30	3.44	2.77	3.06	4.14	4.64	8.09	2.74	7.40	13.12
Fore	0.19	0.26	0.53	1.14	0.13	0.95	4.21	0.05	0.69	5.23
Gree	1.29	1.14	0.50	0.66	0.77	2.10	3.30	0.56	1.83	4.88
Indi	2.30	1.39	1.35	2.33	1.36	5.02	5.82	1.13	3.96	5.48
Jeff	1.73	0.63	0.76	0.85	0.94	2.73	4.34	0.90	2.25	2.58
Lawr	3.07	2.21	2.77	2.45	2.51	5.44	1.31	2.24	4.73	1.60
Merc	3.38	2.91	3.36	3.57	2.62	7.84	2.32	3.04	4.33	2.06
Some	2.39	1.96	1.49	1.98	1.57	3.94	7.77	1.16	4.15	6.09
Vena	2.15	1.03	1.01	1.43	1.31	3.52	4.15	1.45	2.18	3.83
Wash	6.18	4.16	5.07	6.25	5.33	7.10	10.99	4.18	9.64	8.27
West	9.01	9.10	12.17	13.85	9.81	11.24	11.97	7.93	15.71	10.06

*Presented as percent of column totals

Total 2.2.4 - 3

Housing Characteristics, Pennsylvania ORBES Counties

County	Year Built				Water Service			Sewer Service		
	Pre 39	1940-49	1950-59	1960-70	Public	Well	Other	Public	Septic	Other
Alle	24.43	5.57	8.56	6.08	42.97	1.47	0.26	40.75	3.69	0.26
Arms	1.41	0.18	0.30	0.26	1.12	0.85	0.19	0.75	1.22	0.18
Beav	2.72	0.83	1.21	0.76	4.40	1.03	0.10	3.69	1.74	0.09
Butl	1.64	0.32	0.65	0.70	1.52	1.60	0.20	1.30	1.89	0.13
Camb	3.30	0.48	0.73	0.40	4.33	0.43	0.16	3.57	1.15	0.20
Clar	0.68	0.08	0.12	0.18	0.48	0.42	0.16	0.35	0.61	0.09
Clea	1.58	0.15	0.23	0.20	1.46	0.55	0.17	0.99	0.94	0.24
Elk	0.62	0.09	0.17	0.14	0.78	0.17	0.06	0.61	0.34	0.07
Faye	3.06	0.37	0.49	0.43	3.39	0.66	0.29	1.91	1.99	0.45
Fore	0.11	0.03	0.09	0.16	0.11	0.14	0.15	0.03	0.18	0.18
Gree	0.74	0.12	0.09	0.09	0.63	0.30	0.12	0.39	0.49	0.17
Indi	1.33	0.15	0.24	0.33	1.11	0.72	0.21	0.79	1.06	0.19
Jeff	1.00	0.07	0.13	0.12	0.77	0.39	0.16	0.62	0.61	0.09
Lawr	1.77	0.24	0.49	0.34	2.06	0.78	0.05	1.56	1.27	0.05
Merc	1.95	0.31	0.59	0.50	2.15	1.12	0.08	2.12	1.16	0.07
Some	1.38	0.21	0.26	0.28	1.29	0.56	0.28	0.81	1.11	0.21
Vena	1.24	0.11	0.18	0.20	1.08	0.51	0.15	1.01	0.59	0.13
Wash	3.57	0.45	0.89	0.87	4.38	1.02	0.39	2.91	2.59	0.28
West	5.20	0.98	2.14	1.93	8.05	1.61	0.43	5.53	4.22	0.35
Total	57.74	10.73	17.56	13.96	82.04	14.33	3.58	69.71	26.85	3.43

* Presented as per cent of total units in each of the three categories.

[redacted]ABL[redacted]2.4[redacted]
HOUSING FACILITIES, PENNSYLVANIA ORBES COUNTIES

	Total Year Round Units	Percent Occupied	Plumbing, %Units All Facilities	Lack Some	Lack Hot	Lack Other	Exclusive Use	Kitchen % Share dose	Incomplete Facilities
Allegheny	533,196	96.0	96.0	4.0	0.4	3.6	98.2	0.3	1.5
Armstrong	25,614	94.4	90.3	10.1	0.4	9.6	95.8	0.1	4.4
Beaver	65,930	97.2	96.4	3.6	0.6	3.1	98.2	0.1	1.7
Butler	39,453	94.4	94.9	5.4	0.3	5.1	97.2	0.1	3.0
Cambria	58,641	96.5	91.8	8.2	1.3	6.9	96.9	0.1	3.0
Clarion	12,588	91.1	88.8	11.3	0.9	10.4	94.3	0.2	5.7
Clearfield	25,939	91.4	95.6	14.2	1.7	12.5	94.0	0.0	5.7
Elk	12,090	92.0	92.9	7.4	0.2	7.2	95.4	0.0	4.8
Fayette	51,846	94.7	86.8	13.3	0.9	12.3	95.1	0.1	4.9
Forest	3,893	41.4	61.2	59.4	1.0	58.4	76.7	0.0	43.9
Greene	12,512	92.6	83.2	16.7	0.2	16.5	90.4	0.0	9.5
Indiana	24,354	94.1	87.1	13.0	1.0	12.0	94.9	0.0	5.0
Jefferson	15,698	91.3	90.1	10.2	0.8	9.4	94.3	0.0	5.9
Lawrence	34,399	96.1	96.4	3.8	0.2	3.5	97.6	0.1	2.5
Mercer	39,399	96.0	96.0	4.1	0.2	3.8	97.9	0.0	2.1
Somerset	25,374	95.0	88.3	11.9	1.4	10.5	95.6	0.1	4.5
Venango	20,428	92.0	93.8	7.2	0.7	6.5	97.4	0.1	3.6
Washington	69,045	95.8	93.1	6.9	0.6	6.2	97.1	0.1	2.8
Westmoreland	120,262	96.8	95.2	5.0	0.5	4.4	98.3	0.1	1.8
PA ORBES Total	1,191,251	95.5	94.0	6.1	0.5	5.6	97.4	0.2	2.6

TABLE 2.2.4-5

Housing Characteristics, Pennsylvania ORBES Counties

	Housing Units, Rental Cost									
County	Less Than $30	$30-39	$40-59	$60-79	$80-99	$100-149	$150-199	$200+	Median Rent	MEDIAN FAMILY INCOME
Alle	716	4,212	15,174	29,668	36,071	52,443	22,305	10,879	100	10,090
Arms	142	272	1,055	1,703	1,161	766	81	27	73	7,702
Beav	103	519	1,513	3,290	4,190	4,152	757	140	88	9,428
Butl	57	328	685	1,578	1,683	2,123	646	110	92	9,032
Camb	252	788	3,042	4,622	3,620	2,540	372	85	76	8,563
Clar	66	66	357	614	493	445	66	19	79	7,635
Clea	121	242	1,051	1,380	1,045	679	85	21	73	7,488
Elk	18	40	269	515	497	462	52	8	83	8,472
Faye	549	714	3,377	4,174	2,410	1,558	264	18	69	7,150
Fore	16	5	50	77	28	29	0	0	68	8,291
Gree	80	185	582	721	398	332	58	10	69	7,337
Indi	148	212	824	1,181	904	1,150	424	135	82	7,947
Jeff	79	145	718	1,070	539	244	35	9	68	7,520
Lawr	119	256	1,119	1,865	1,766	1,588	218	44	81	8,664
Merc	37	118	763	1,661	2,026	2,218	569	110	91	9,287
Some	238	342	1,258	1,452	816	462	74	27	67	7,634
Vena	65	153	588	1,270	1,065	657	143	5	78	8,248
Wash	311	519	2,491	4,600	3,635	3,623	686	138	80	8,664
West	379	757	3,269	6,151	5,893	6,475	1,919	371	86	9,293
Mean	184	520	2,010	3,557	3,592	4,313	1,597	675	79	
Median	119	256	1,051	1,578	1,161	1,150	220	27	79	

TABLE 2.2.5.-1

GOVERNMENT REVENUES AND EXPENDITURES
PENNSYLVANIA ORBES COUNTIES 1974

	REVENUE (x $1000)	% OF TOTAL BY SOURCE			EXPENDITURES (x $1000)	% OF TOTAL BY CATEGORY					% INCREASE OVER 1970	
	TOTAL	GEN. TAXES	DEPT. EARNINGS	OTHER	TOTAL	GEN. ADMIN.	JUDICIAL	CORRECTIONS	WELFARE	OTHER	REVENUE	EXPEN
ALLEGHENY	196,462	37.4	13.2	49.5	211,937	13.1	5.9	5.9	11.2	63.9	67.4	40.9
ARMSTRONG	3,846	41.3	18.6	40.0	3,241	20.3	8.5	3.1	39.1	29.0	106.3	81.7
BEAVER	16,680	36.3	12.3	51.4	17,363	10.7	11.4	3.6	30.0	44.2	87.5	92.2
BUTLER	7,174	34.8	13.8	51.5	7,393	11.9	9.2	6.2	24.2	48.5	138.3	59.8
CAMBRIA	12,586	41.3	13.0	45.8	11,942	12.3	8.7	4.1	43.5	31.3	116.1	112.7
CLARION	1,334	44.6	21.6	33.8	1,443	18.8	12.3	5.3	28.8	34.7	119.8	144.6
CLEARFIELD	2,884	46.5	12.9	40.6	1,927	25.1	20.6	12.9	20.5	21.0	47.2	12.0
ELK	1,751	49.7	11.0	39.3	1,722	27.1	6.7	5.34	24.2	36.7	78.7	29.2
FAYETTE	5,562	45.2	9.6	45.3	4,867	13.7	18.4	7.5	18.3	42.2	29.2	31.6
FOREST	314	41.1	22.9	36.0	379	46.2	21.1	5.0	3.7	24.0	61.9	193.8
GREENE	3,464	37.4	10.9	51.6	3,444	17.5	7.7	5.8	34.4	34.7	81.2	82.1
INDIANA	3,760	41.7	22.1	36.2	3,811	20.2	8.8	7.9	29.1	33.9	66.8	46.1
JEFFERSON	7,611	81.5	5.1	13.5	2,138	22.8	9.4	3.3	37.3	27.3	431.9	73.8
LAWRENCE	4,402	42.7	10.3	47.0	4,211	17.1	14.7	6.2	19.0	43.1	79.7	61.0
MERCER	6,548	36.0	15.0	49.0	6,956	13.2	11.4	6.6	35.6	33.3	62.6	74.1
SOMERSET	3,370	47.9	23.2	29.0	3,256	26.1	14.2	5.5	35.8	18.5	64.2	66.9
VENANGO	3,206	40.3	26.4	33.3	2,770	17.9	9.8	3.9	44.4	24.0	74.6	48.2
WASHINGTON	10,938	42.8	7.5	49.6	10,633	16.3	12.3	6.9	21.5	43.0	84.0	77.9
WESTMORELAND	20,485	39.0	7.7	53.3	20,878	9.6	10.3	3.5	36.2	40.4	89.1	80.2
TOTAL	312,377	39.4	12.7	47.9	320,311	13.5	7.7	5.6	18.8	55.1	75.7	50.6

TABLE 2.2.5.-2
ACT 511 TAXES COLLECTED BY MUNICIPALITIES $X1,000 1974

	No. of Municipalities	Total	Per Capita	Earned Income	Realty Transfer	Merchantile	Amusement	Occup Priv.	Other
ALLEGHENY	127	44989	0.9	44.4	7.1	6.9	5.8	11.1	23.7
ARMSTRONG	45	665	23	49.6	1.0			14.4	11.9
BEAVER	53	5401	5.8	76.8	5.0	4.5	0.1	6.9	0.7
BUTLER	56	2728	10.5	76.5	4.1	3.0	0.1	5.7	0.1
CAMBRIA	64	3783	6.6	67.6	3.9	9.5	1.1	10.3	0.9
CLARION	34	442	16.3	80.1				3.2	0.4
CLEARFIELD	50	1243	6.2	81.4	3.9			8.4	
ELK	13	424	8.2	58.7				27.4	5.9
FAYETTE	42	1935	5.3	81.4	2.2	4.7	0.5	5.6	0.3
FOREST	9	11	54.5	-				45.5	
GREENE	26	643	6.7	56.5	22.9	2.9		10.9	
INDIANA	38	1192	3.2	77.8	14.2			4.8	0.1
JEFFERSON	34	722	8.7	76.7	3.5		0.1	8.6	2.2
LAWRENCE	26	2033	6.8	69.0	7.5	3.5	0.0	11.8	1.4
MERCER	48	3351	7.2	74.7	7.5		1.2	6.7	2.8
SOMERSET	50	1203	14.3	72.6	7.9	2.0		3.1	
VENANGO	31	989	10.5	60.3	7.6	6.3		17.5	0.9
WASHINGTON	66	4149	7.7	74.7	4.4	3.2		6.8	1.2
WESTMORELAND	64	7754	6.8	73.4	6.3	3.4	0.6	7.4	2.0
PA ORBES TOTAL	876	83657							

TABLE 2.2.5-3

TAXABLE REAL PROPERTY
MARKET AND ASSESSED VALUES 1970-1975
PENNSYLVANIA ORBES COUNTIES

	1970 VALUE		1972 VALUE		1973 VALUE		1974 VALUE		1975 VALUE		% CHANGE MARKET VALUE 1970-1975
	MARKET	ASSESSED	MARKET	ASSESSED	MARKET	ASSESSED	MARKET	ASSESSED	MARKET	ASSESSED	
ALLEGHENY	7,786,969	53.8	8,422,909	55.9	8,601,021	55.7	9,296,416	52.3	9,457,198	52.2	21.4
ARMSTRONG	238,682	31.5	262,857	29.8	271,861	29.7	301,579	27.2	308,750	27.3	29.4
BEAVER	887,663	43.2	987,119	32.3	1,000,304	32.1	1,097,542	29.6	1,126,473	29.3	26.9
BUTLER	484,084	32.3	555,728	34.2	580,073	33.8	661,410	30.6	686,490	30.4	41.8
CAMBRIA	507,635	39.3	552,479	37.1	556,005	44.8	642,040	39.9	671,117	39.5	32.2
CLARION	123,914	26.6	144,094	24.2	149,734	24.0	176,286	21.5	180,320	49.2	45.5
CLEARFIELD	233,597	38.2	265,777	35.6	280,996	35.2	320,370	32.8	335,241	32.3	43.5
ELK	1,335,841	96.0	1,476,041	84.0	1,521,181	83.0	1,673,471	69.0	1,722,271	69.0	28.9
FAYETTE	338,147	41.1	388,144	37.8	397,634	37.6	454,327	33.8	472,842	33.4	39.8
FOREST	25,943	23.4	30,928	21.2	32,255	21.1	36,764	37.7	37,844	37.3	45.9
GREENE	149,884	36.8	163,034	34.8	164,605	34.5	179,308	32.1	181,408	31.8	21.0
INDIANA	240,834	39.3	277,479	35.8	288,938	35.5	324,948	32.6	343,251	32.2	42.5
JEFFERSON	102,011	33.3	116,100	30.7	123,031	30.3	142,035	42.1	148,584	41.4	45.7
LAWRENCE	373,606	34.0	415,136	32.0	424,667	31.9	470,917	39.5	483,056	29.3	29.3
MERCER	529,310	33.4	583,538	31.8	594,676	31.7	638,735	38.5	637,291	38.2	20.4
SOMERSET	229,854	22.8	263,856	21.4	273,114	21.4	302,900	28.7	301,221	28.6	31.0
VENANGO	207,054	32.2	231,147	29.9	238,290	39.6	267,223	27.0	275,566	25.8	33.1
WASHINGTON	755,071	29.9	856,244	27.7	889,448	27.6	980,493	25.6	1,014,423	25.4	34.3
WESTMORELAND	1,433,825	25.5	1,590,744	24.8	1,614,056	24.9	1,847,115	22.1	1,903,263	22.0	32.7
PA. ORBES COUNTIES	15,983,924	48.0	17,583,354	47.2	18,001,889	42.2	19,813,879	43.5	20,286,609	43.5	26.9

Market value x $1,000
Assessed value as % of market value

TABLE 2.2.6.-1

EDUCATION
GENERAL FUND REVENUE AND EXPENDITURES

County	County Revenue - Rate Per Pupil $				Total Expenditure Per Pupil				1975
	1971-72	1972-73	1973-74	1974-75	1971-72	1972-73	1973-74	1974-75	% From State
Allegheny	$420	$450	$482	$564	1,146	1,261	1,356	1,514	37.2
Armstrong	628	659	718	845	954	1,124	1,165	1,363	62.0
Beaver	476	520	548	629	942	1,045	1,135	1,274	49.4
Butler	510	576	621	686	973	1,022	1,118	1,220	56.2
Cambria	606	657	690	804	988	1,118	1,181	1,333	60.3
Clarion	646	660	737	846	915	999	1,104	1,205	70.2
Clearfield	629	662	724	798	884	976	1,071	1,152	69.3
Elk	460	501	571	704	897	979	1,061	1,211	58.1
Fayette	675	739	802	901	919	1,051	1,103	1,256	71.7
Forest	559	607	643	723	922	1,161	1,181	1,254	57.7
Greene	526	611	652	754	981	1,155	1,163	1,256	60.0
Indiana	568	610	664	746	929	1,036	1,136	1,246	60.0
Jefferson	664	726	761	863	987	1,119	1,170	1,261	68.4
Lawrence	552	604	631	701	933	1,016	1,086	1,227	57.1
Mercer	500	547	585	674	947	1,029	1,160	1,363	49.4
Somerset	601	652	722	810	891	986	1,055	1,178	68.8
Venango	600	658	686	784	981	1,051	1,124	1,260	62.2
Washington	518	551	604	671	937	1,001	1,085	1,221	55.0
Westmoreland	479	535	583	662	933	1,006	1,106	1,216	54.4
PA. STATE	498	536	570	653	1,089	1,176	1,283	1,439	45.4

TABLE 2.2.6- 2

	Total School Tax Collected[1] by County Thousands of $				General Fund Revenue from State Sources Thousands of $			
	71-72	72-73	73-74	74-75	71-72	72-73	73-74	74-75
ALLE	201949	208182	220170	229538	122213	130301	133441	151435
ARMS	6839	7168	7667	8036	11678	12049	12916	14799
BEAV	22291	24283	25666	28350	22613	24533	25485	28405
BUTL	13634	14039	14850	15542	15354	17600	18737	20625
CAMB	12280	13284	15704	16579	21710	23115	23918	27169
CLAR	3292	3405	3542	3942	6872	7052	7682	8649
CLEA	6037	6550	7094	8080	13380	14188	15288	16732
ELK	3110	3327	3418	3580	3310	3623	4100	4888
FAYETT	7529	7739	8148	8169	22503	24271	26045	28639
FORE	554	656	670	721	675	713	767	869
GREE	3848	3465	3821	3704	4556	5168	5443	6336
INDI	6478	6893	7199	7478	9900	10584	11509	12963
JEFF	2563	2902	3103	3095	6453	6989	7483	8343
LAW	9353	9685	9931	10282	13576	14577	14799	16000
MERC	13227	13544	14237	15936	15232	16339	17088	19108
SOME	5001	5307	5504	6298	10587	11393	12417	13623
VENA	5808	6112	6407	6891	9892	10764	10974	12135
WASH	18097	19438	20582	22746	24362	35490	27319	30035
WEST	37486	39369	41998	43020	40250	44860	48208	53738
Region	379376	395348	419711	442287	375116	413609	423619	474491
State	1261154	1331832	1427555	1539205	1156109	1241807	1291984	1449164

1. includes real estate, per capita, Act 511 taxes, payments in lieu of taxes and delinquent taxes and public utility realty tax (distributed by Commonwealth)

TABLE 2.2.6.-3

PUBLIC ASSISTANCE EXPENDITURES
(Thousands of dollars)

	1972-73			1975-76			1973-76
County	Total	Per Cap.	% Pop.	Total	Per Cap.	% Pop.	Percent Change Per Capita Expenditure
Alle	188,660	117.68	7.5	240,461	156.95	6.9	33.3
Arms	5,829	77.51	6.6	6,370	83.60	4.6	7.8
Beav	13,287	63.64	4.5	16,239	77.62	3.8	22.0
Butl	6,450	49.69	3.6	10,043	74.17	3.4	49.3
Camb	26,193	141.35	5.1	29,041	153.82	3.4	8.8
Clar	2,546	65.96	5.7	2,976	73.30	3.7	11.1
Clea	5,059	68.37	5.3	6,842	89.09	3.9	30.3
Elk	1,489	39.29	2.8	2,556	67.62	2.8	72.1
Faye	21,387	139.51	13.0	22,726	145.40	9.8	4.2
Fore	288	57.60	5.1	353	72.04	4.0	25.1
Green	5,585	156.01	13.5	5,866	158.11	9.4	1.3
Indi	5,972	74.56	5.7	6,052	72.13	3.5	- 3.2
Jeff	3,106	71.57	5.0	3,569	76.92	3.6	7.5
Law	8,684	81.23	6.0	11,971	111.67	5.4	37.5
Merc	8,843	69.47	5.2	13,592	105.53	5.0	51.9
Some	7,178	94.45	6.4	9,593	124.26	4.2	31.6
Vena	15,075	242.75	6.8	10,243	161.05	4.8	-33.6
Wash	22,507	106.92	6.6	26,594	124.45	4.8	16.4
West	24,591	64.63	4.3	32,651	86.26	3.8	33.5
Region	372,729			457,738			22.8*
State	1,264,199	106.42	7.0	1,837,402	155.25	6.5	45.9

*Percent change 1973-1976 Total Regional Expenditures

TABLE 2.2.6.-4

EXPENDITURES FOR MEDICAL CARE BY PROGRAM CLASS
(Thousands of Dollars)

	Medically Needy Persons			Cash Assistance Grants			School Medical Care		
County	1972-73	1975-76	% Increase	1972-73	1975-76	% Increase	1972-73	1975-76	% Increase
Alle	24,497	42,410	73.1	30,980	47,540	53.5	103.7	38.0	-63.4
Arms	580	736	26.9	839	1,276	52.1	7.8	4.2	-46.2
Beav	2,800	2,964	5.9	1,546	3,164	104.7	12.0	5.7	-52.5
Butl	957	2,430	153.9	1,028	2,087	103.0	11.8	3.4	-71.2
Camb	14,526	10,325	- 28.9	3,191	10,772	237.6	22.3	11.5	-48.4
Clar	251	691	175.3	361	415	15.0	6.2	2.9	-53.2
Clea	725	1,635	125.5	881	1,526	73.2	6.9	3.7	-46.4
Elk	284	885	211.6	245	388	58.4	4.6	2.5	-45.7
Faye	8,670	1,655	- 80.9	2,900	3,747	29.2	34.0	16.2	-52.4
Fore	30	34	13.3	34	56	64.7	0.5	0.2	-60.0
Gree	451	605	34.1	790	922	16.7	7.0	1.9	-72.9
Indi	729	1,098	50.6	818	1,168	42.8	9.8	4.7	-52.0
Jeff	528	1,011	91.5	512	616	20.3	2.4	2.2	- 8.3
Lawr	630	2,211	251.0	1,398	2,306	64.9	9.5	8.6	- 9.5
Merc	991	2,898	191.4	1,318	2,279	72.9	9.1	2.9	-68.1
Some	1,560	3,422	119.3	1,473	2,551	73.2	12.5	5.1	-59.2
Vena	9,030	4,971	- 45.0	2,244	1,259	- 43.9	10.9	4.7	-56.9
Wash	5,760	5,565	- 3.4	3,367	7,319	117.4	25.7	13.9	-45.9
West	4,514	7,965	76.5	4,682	7,051	50.6	27.7	14.7	-46.9
TOTAL	77,513	93,511	20.6	58,607	96,442	64.6	324.4	147.0	-54.7
STATE	189,724	372,572	96.4	221,584	383,797	73.2	871.0	511.5	-41.3

TABLE 2.2.6.-5

PENNSYLVANIA ORBES COUNTIES

County	Persons Per Doctor 1970	1971	1972	1973	1974	1975 General Hospitals	1975 Beds Per 100,000
Allegheny	571.58	541.73	517.09	505.79	480.43	27	631
Armstrong	2,160.00	2,321.21	2,261.76	2,241.18	2,059.46	1	267
Beaver	1,390.00	1,416.89	1,443.45	1,449.66	1,483.69	4	337
Butler	1,910.45	1,949.25	1,841.67	1,877.78	1,781.58	2	610
Cambria	972.92	958.88	921.84	915.53	890.57	4	695
Clarion	6,383.33	6,616.67	5,742.86	5,757.14	3,690.91	1	170
Clearfield	1,817.07	1,785.71	1,760.47	1,786.05	1,536.00	3	529
Elk	1,570.83	1,465.38	1,469.23	1,473.08	1,350.00	2	955
Fayette	1,778.16	1,746.07	1,660.00	1,657.89	1,628.13	3	365
Forest	1,633.33	1,666.67	1,666.67	1,666.67	1,633.33	---	---
Greene	1,565.22	1,545.83	1,550.00	1,562.50	1,426.92	1	306
Indiana	1,939.02	1,919.05	1,767.39	1,808.70	1,747.92	1	246
Jefferson	1,321.21	1,390.63	1,384.38	1,415.63	1,657.14	2	328
Lawrence	1,396.10	1,419.74	1,405.19	1,401.30	1,276.19	3	501
Mercer	1,283.84	1,265.69	1,308.00	1,284.00	1,327.84	5	623
Somerset	2,051.35	2,425.00	2,279.41	2,305.88	1,979.49	3	369
Venango	1,153.70	1,200.00	1,165.45	1,140.00	1,009.52	2	607
Washington	1,219.08	1,295.18	1,315.85	1,307.93	1,335.63	4	482
Westmoreland	1,489.72	1,427.82	1,394.89	1,387.23	1,249.17	7	404
ENTIRE STATE	1,541.08	1,563.97	1,555.88	1,559.94	1,466.40	247	499

TABLE 2.2.6.-6

	WATER UTILITIES						SEWER AUTHORITIES			
	Number of Utilities		Metered Customers		Million Gallons Sold		Number of Authorities		Number of Customers	
County	1972	1975	1972	1975	1972	1975	1972	1975	1972	1975
Alle	49	51	405681	416656	62142	56430	29	34	373081	379053
Arms	16	17	5320	5835	1927	1652	4	5	5161	5083
Beav	16	17	44371	46294	7072	8348	12	15	30261	35092
Butl	13	14	16650	19339	2551	2713	8	10	13058	14516
Camb	30	32	41353	42461	45596	44149	9	14	33783	13151
Clar	15	14	5875	6198	615	683	3	5	2652	3671
Clea	18	19	14173	15232	1703	1833	4	4	10340	10675
Elk	7	7	8176	8337	1813	1385	4	5	5494	6777
Faye	15	19	32348	34907	3165	4346	7	9	8795	19421
Fore	3	3	530	485	69	55	--	--	--	--
Gree	7	8	11974	13176	716	777	5	5	2702	847
Indi	16	14	11084	12716	1528	1447	2	2	7686	3354
Jeff	13	10	8688	8926	978	960	3	3	5280	5283
Lawr	8	7	23448	23472	3811	3235	2	4	11882	12110
Merc	11	11	24596	51655	4532	4213	5	8	8162	10421
Some	19	19	11988	12707	1513	1929	4	7	20225	6509
Vena	11	11	7764	11478	1877	1952	6	7	7757	10676
Wash	17	16	50745	52176	6294	6373	7	13	22887	36350
West	17	19	81641	86155	13910	14671	13	20	49375	46526
TOTAL	301	308	806405	868205	161812	157151	127	170	618581	619515
STATE	906	925	2443922	2572746			419	573	1459786	1698153

TABLE 2.2.7-1

AGRICULTURAL CASH RECEIPTS 1974
% OF 1971 RECEIPTS
PENNSYLVANIA ORBES COUNTIES
CROPS

County	Field Crops	%	Vegetables Potatoes	%	Forest and Maple	%	Horticult.	%	Fruits
ALLE	579	159.6	430	-27.6	19	35.7	6223	118.7	539
ARMS	2849	159.7	169	48.2	140	41.4	11814	49.6	85
BEAV	1409	159.5	67	-23.9	29	38.1	565	127.8	26
BUTL	3793	160.0	1391	66.0	107	42.7	8949	-15.7	355
CAMB	1321	159.5	4989	171.4	243	42.1	553	128.5	10
CLAR	1822	159.9	496	112.9	47	42.4	109	127.1	21
CLEA	1046	160.2	302	122.1	230	42.0	524	127.8	45
ELK	186	158.3	19	46.2	16	33.3	0	0.0	0
FAYE	2148	160.0	144	5.1	70	42.9	588	128.8	21
FORE	54	157.1	17	183.3	32	39.1	27	125.0	0
GREE	984	159.6	146	305.6	77	40.0	160	128.6	24
INDI	3419	159.8	1518	79.0	732	42.1	3046	128.3	47
JEFF	1345	159.7	81	65.3	165	41.0	406	128.1	7
LAWR	3569	159.8	140	-42.9	94	42.4	1029	85.7	139
MERC	4472	159.8	475	29.8	102	41.7	2111	128.2	83
SOME	3086	159.8	2109	161.0	468	41.4	893	127.8	7
VENA	739	160.2	197	126.4	75	41.5	571	128.4	37
WASH	3632	159.8	304	-12.4	89	41.3	647	127.8	263
WEST	4359	159.9	227	39.3	52	41.4	1578	72.3	35

TABLE 2.2.7-1
(Con't)

LIVESTOCK

County	%	Meat Animals	%	Dairy Products	%	Poultry Products	%	Govern't Payments	%	Total	%
ALLE	76.7	1051	21.8	1278	33.7	2063	70.5	8	-86.2	12190	72.4
ARMS	1.2	1738	21.7	4861	33.7	940	70.6	194	-35.1	22790	49.9
BEAV	-65.8	831	21.7	3157	33.7	759	70.6	29	-66.3	6872	51.0
BUTL	31.5	2513	21.7	5757	33.7	6286	70.4	144	-53.1	29295	24.0
CAMB	-44.4	2190	21.7	2438	33.7	3411	70.5	91	-44.2	15246	78.0
CLAR	16.7	904	21.7	4208	33.7	1376	70.5	91	-58.1	9074	52.6
CLEA	-49.4	653	21.6	3037	33.7	1109	70.4	76	-36.7	7022	52.7
ELK	0.0	148	-87.9	901	-86.7	427	-83.0	10	-96.2	1707	-84.4
FAYE	0.0	1218	21.7	4721	33.7	1362	70.5	107	-41.8	10379	52.5
FORE	0.0	48	23.1	218	33.7	87	70.6	3	-72.7	486	48.2
GREE	33.3	1623	21.7	2291	33.7	300	70.5	141	-44.7	5746	42.3
INDI	-42.0	2060	21.7	7227	33.7	4961	70.4	105	-66.3	23115	60.3
JEFF	-70.8	873	21.8	4639	33.7	1456	70.5	76	-58.0	9048	48.1
LAWR	10.3	2067	21.7	5571	33.7	1032	70.3	81	-70.4	13722	50.6
MERC	69.4	2913	21.7	9227	33.7	1216	70.3	266	-48.2	20865	52.8
SOME	-68.2	3297	21.7	19134	33.7	1967	70.5	165	-35.5	31126	47.0
VENA	-39.3	507	21.6	2418	33.7	315	71.2	78	-47.3	4937	49.9
WASH	38.4	2801	21.7	10168	33.7	1686	70.5	192	-36.4	19782	46.7
WEST	-22.2	2312	21.6	9794	33.7	3322	70.4	154	-53.8	21833	52.2
										265235	41.7

TABLE 2.2.7.-2

LAND USE, INVENTORIES ACRES X 1,000
1968 and 1974

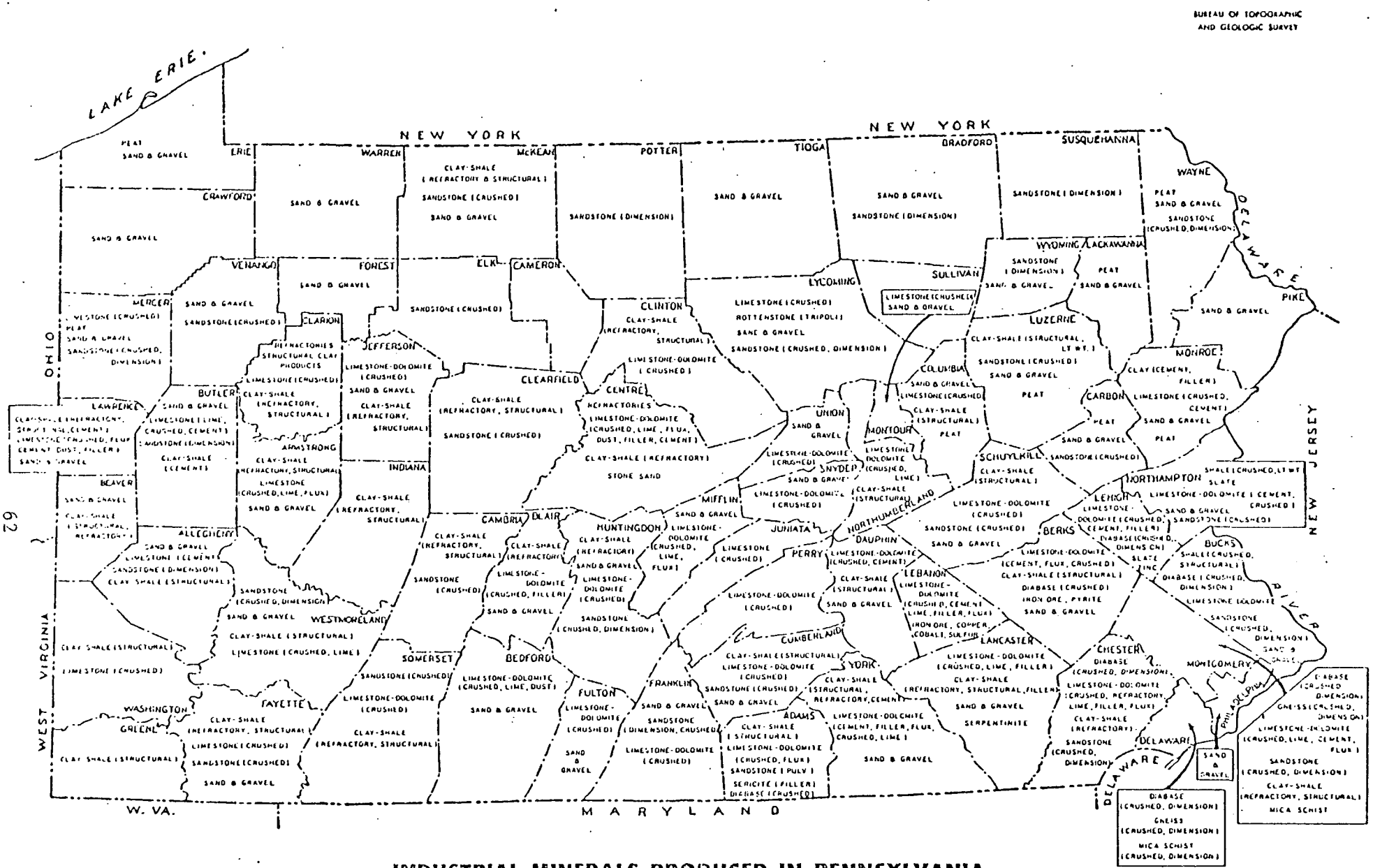
	Cropland		Pasture		Forest		Other	
County	1968	1974	1968	1974	1968	1974	1968	1974
Alle	32.6	26.8	8.5	7.0	86.3	86.3	83.0	74.8
Arms	101.6	91.9	26.5	27.5	218.9	219.6	44.0	53.3
Beav	58.9	48.0	22.5	18.2	134.6	134.6	16.4	10.6
Butl	135.0	124.6	18.6	18.1	261.6	261.6	51.4	50.1
Camb	76.9	69.8	7.4	7.0	284.6	284.6	39.8	32.9
Clar	63.9	62.6	15.0	14.8	272.6	270.8	6.7	6.6
Clea	47.9	43.0	12.7	11.0	608.0	608.0	25.2	25.4
Elk	18.6	17.3	1.1	1.0	360.4	360.4	7.3	8.2
Faye	85.9	84.8	25.5	23.9	317.3	320.8	35.0	34.3
Fore	4.8	4.8	2.0	2.0	138.1	138.6	3.0	3.1
Gree	53.5	32.8	137.0	56.5	147.8	148.0	10.0	108.9
Indi	133.2	131.8	27.3	27.2	289.4	286.3	32.3	32.0
Jeff	62.5	57.7	11.7	10.4	292.8	292.8	21.9	24.0
Lawr	68.4	68.7	24.4	23.8	92.7	92.7	28.2	27.8
Merc	141.9	128.4	43.6	38.8	147.6	136.0	47.1	43.8
Some	127.4	127.7	42.4	42.0	443.4	443.4	41.9	42.3
Vena	37.6	37.1	9.9	9.5	352.7	353.2	12.0	19.5
Wash	135.0	129.9	130.0	127.9	192.7	192.0	38.5	40.0
West	154.8	114.3	55.2	37.4	312.1	312.1	54.5	100.2
ORBES TOTAL	1,535.4	1,402.0	621.1	504.0	4,953.6	4,941.8	598.2	737.8

TABLE 2.2.7.-3

CRUDE PETROLEUM SHIPMENTS
AS % OF 1970 SHIPMENTS

County	Barrels* 1970	1971	1972	1973	1974	1975
Alle	70,113	106.0	97.1	91.7	88.3	83.9
Arms	8,696	105.9	101.1	112.3	136.4	141.0
Beav	7,202	92.4	78.4	62.8	63.5	60.3
Butl	105,600	90.3	81.2	73.9	74.6	73.5
Camb	---	---	---	---	---	---
Clar	18,980	103.4	111.3	120.9	126.9	122.6
Clea	---	---	---	---	---	---
Elk	31,791	95.6	80.7	57.1	115.0	76.2
Faye	227	84.6	48.9	82.4	70.0	61.2
Fore	39,905	188.8	244.6	253.4	315.5	345.0
Gree	36,524	100.5	89.8	90.2	86.5	88.3
Indi	---	---	---	---	---	---
Jeff	1,486	117.3	92.2	115.3	161.0	182.6
Lawr	---	---	---	---	---	---
Merc	886	88.0	109.5	394.7	1,799.4	621.4
Some	---	---	---	---	---	---
Vena	311,121	279.9	177.2	156.5	161.9	176.5
Wash	110,421	109.9	101.5	99.5	95.1	90.1
West	---	---	---	---	---	---
ORBES TOTAL	742,952					
STATE TOTAL	3,690,435	102.9	93.2	81.3	88.5	84.2

*42 gallon barrels



INDUSTRIAL MINERALS PRODUCED IN PENNSYLVANIA

MINERAL FUELS NOT INCLUDED

FIGURE 2.2.7-1

Labor Market Areas of Pennsylvania

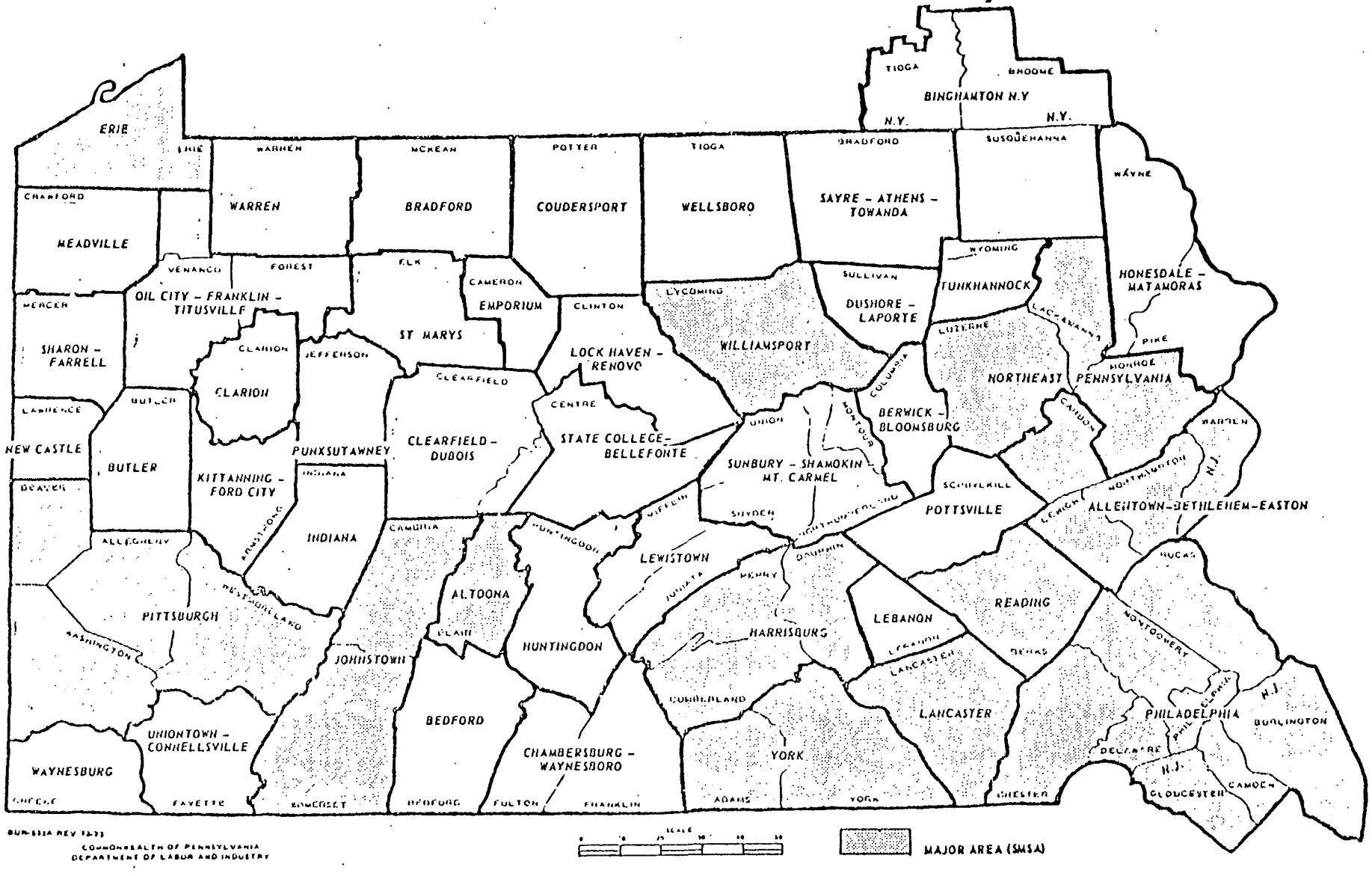


FIGURE 2.2.8-1

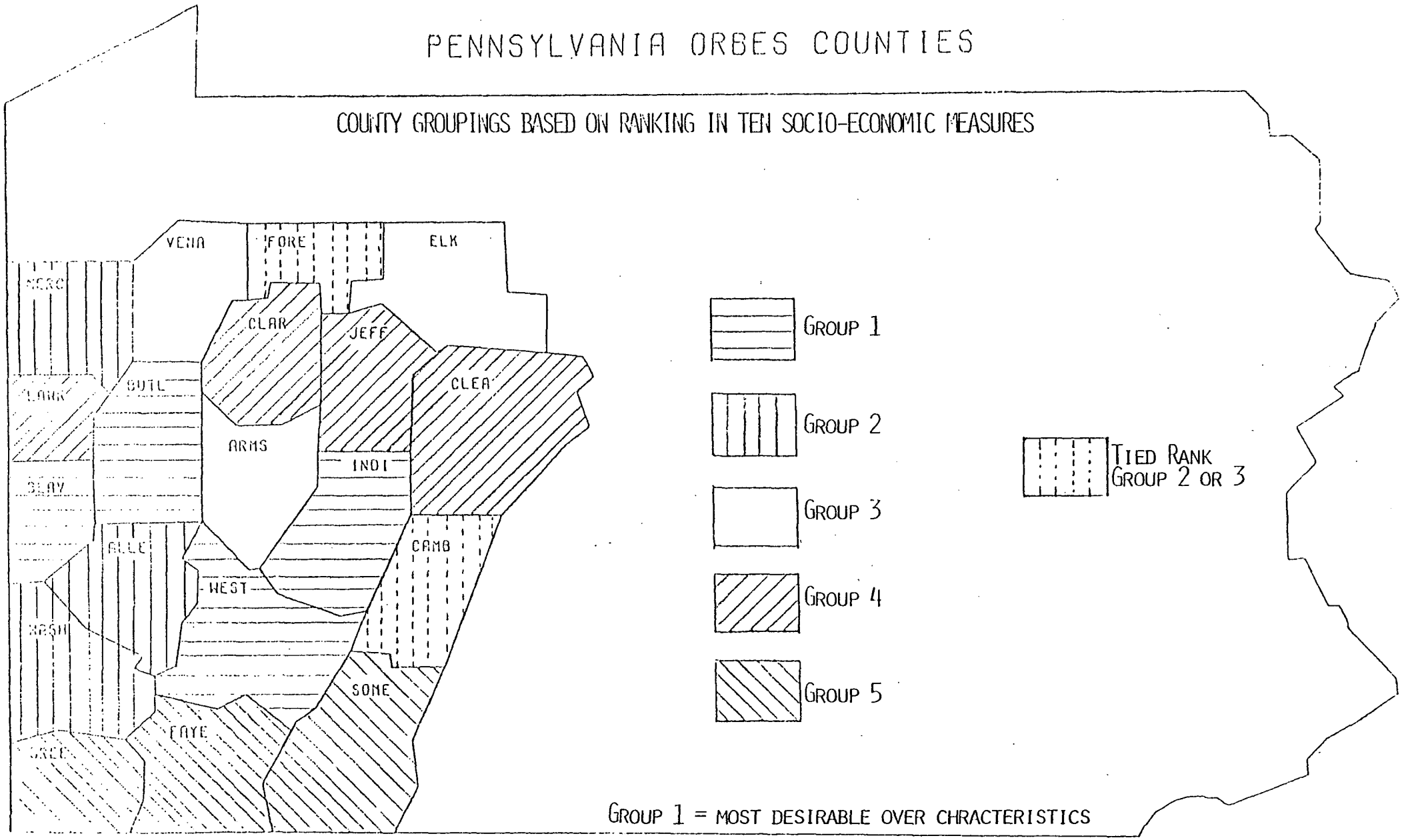

PENNSYLVANIA ORBES COUNTIES
COUNTY GROUPINGS BASED ON RANKING IN TEN SOCIO-ECONOMIC MEASURES
VENA
FORE
ELK
CLAR
JEFF
CLEA
BUTL
ARMS
INDI
CAMB
WEST
SOME
FAYE
GROUP 1
GROUP 2
GROUP 3
GROUP 4
GROUP 5
TIED RANK GROUP 2 OR 3
GROUP 1 = MOST DESIRABLE OVER CHRACTERISTICS

FIGURE 2.2.-8-2

TABLE 2.2.8-1

PENNSYLVANIA ORBES COUNTIES

AGED DEPENDENCY RATIO AS PERCENT OF
TOTAL DEPENDENCY RATIO, 1970

RANGE OF VALUES 23.1% TO 36.6%

Percent	Counties
less than 25.1	Elk (23.1), Butler (24.5)
25.1 to 27.0	Beaver (25.1), Westmoreland (26.3)
27.1 to 29.0	Mercer (27.7), Indiana (28.2), Venango (28.5), Cambria (28.7)
29.1 to 31.0	Lawrence (29.1), Washington (29.1), Allegheny (29.6), Clarion (29.6) Clearfield (30.1), Armstrong (30.4), Somerset (31.0)
greater than 31.0	Fayette (31.3), Greene (34.0), Jefferson (34.3), Forest (36.6)

TABLE 2.2.8-2

PENNSYLVANIA ORBES COUNTIES

POPULATION DENSITY, PERSONS PER SQUARE MILE
1970

RANGE OF VALUES 11.8 to 2204.7

Density	Counties
less than 100	Forest (11.8), Elk (46.8), Greene (62.4), Clarion (64.3) Clearfield (65.5), Jefferson (67.0), Somerset (70.5), Venango (92.0), Indiana (96.3)
101 to 200	Armstrong (115.9), Butler (161.0), Mercer (189.8), Fayette (192.9)
201 to 500	Washington (246.1), Cambria (269.9), Lawrence (292.6), Westmoreland (368.1), Beaver (473.7)
greater than 500	Allegheny (2204.7)

TABLE 2.2.8-3

PENNSYLVANIA ORBES COUNTIES

MEDIAN FAMILY INCOME, 1970

RANGE OF VALUES $7170 to $10090

Median Income, $	Counties
less than 7,500	Fayette (7170), Greene (7337), Clearfield (7488)
7,501 to 8,000	Jefferson (7520), Somerset (7634), Clarion (7635), Armstrong (7702) Indiana (7947)
8,001 to 8,500	Venango (8248), Forest (8291), Elk (8472)
8,501 to 9,000	Cambria (8563), Lawrence (8664), Washington (8664)
9,001 to 9,500	Butler (9032), Mercer (9287), Westmoreland (9293), Beaver (9428)
greater than 9,501	Allegheny (10090)

TABLE 2.2.8-4

PENNSYLVANIA ORBES COUNTIES

PERCENT CHANGE IN THE LABOR FORCE 1960-1970

RANGE OF VALUES -10.3% to 14.7%

Percent	Counties
decreased more than -5.0	Green (-10.3), Fayette (-7.2), Cambria (-6.1)
-4.9 to -1.6	Venango(-4.6), Clearfield (-4.5), Jefferson (-3.4), Lawrence (-2.9)
-1.5 to +1.5	Armstrong (-1.1), Washington (-0.5), Allegheny (-0.15), Mercer (+0.9)
1.6 to 4.9	Clarion (1.6), Beaver (2.0), Elk (4.3)
5.0 to 9.9	Somerset (5.0), Forest (7.1)
more than 10.0	Indiana (10.2), Westmoreland (11.2), Butler (14.7)

TABLE 2.2.8-5

PENNSYLVANIA ORBES COUNTIES

PERCENT CHANGE IN MANUFACTURING EMPLOYMENT 1972-1975

RANGE OF VALUES -14.2 to 15.9

Percent	Counties
decreased more than -10.0	Elk (-14.2), Somerset (-13.2), Clarion (-10.8)
-9.9 to -4.0	Fayette (-6.4), Lawrence (-5.7), Forest (-4.3) Mercer (-4.1)
-3.9 to 0.0	Westmoreland (-3.4), Allegheny (-1.2),Jefferson (-0.9)
0.1 to 4.0	Cambria (0.3), Indiana (1.7), Washington (2.9)
4.1 to 10.0	Beaver (6.1)
more than 10.0	Venango (10.1), Armstrong (11-6), Butler (14.2) Clearfield (14.8), Greene (15.9)

TABLE 2.2.8-6

PENNSYLVANIA ORBES COUNTIES

PERCENT OF HOUSING CONSTRUCTAL 1960-1970

RANGE OF VALUES; 8.2% to 28.1%

Percent	Counties
less than 10.0	Cambria (8.2), Greene (8.7), Jefferson (9.0), Clearfield (9.4) Fayette (9.8)
10.1 to 14.0	Venango (11.6), Lawrence (11.9), Armstrong (12.1) Somerset (13.0), Elk (13.4), Allegheny (13.6), Beaver (13.8)
14.1 to 18.0	Mercer (14.9), Washington (15.1), Indiana (16.0), Clarion (16.7)
18.1 to 22.0	Westmoreland (19.2), Butler (21.2)
more than 22.0	Forest (28.1)

TABLE 2.2.8-7

PENNSYLVANIA ORBES COUNTIES

PERCENT CHANGE IN TAXABLE REAL PROPERTY
MARKET VALUE 1970-1975

RANGE OF VALUES; 20.4% to 45.9%

Percent	Counties
less than 25.0	Mercer (20.4), Greene (21.0), Allegheny (21.4)
25.1 to 30.0	Beaver (26.9), Elk (28.9), Lawrence (29.3), Armstrong (29.4)
30.1 to 35.0	Somerset (31.0), Cambria (32.2), Westmoreland (32.7) Venango (33.1), Washington (34.3)
35.1 to 39.0	NONE
more than 39.0	Fayette (39.8), Butler (41.8), Indiana (42.5), Clearfield (43.5) Clarion (45.5), Jefferson (45.7), Forest (45.9)

TABLE 2.2.8-8

PENNSYLVANIA ORBES COUNTIES
PERCENT OF POPULATION RECEIVING PUBLIC ASSISTANCE
1976

RANGE OF VALUES; 2.8% to 9.4%

Percent	Counties
less than 3.5	Elk (2.8), Butler (3.4), Cambria (3.4)
3.5 to 4.0	Indiana (3.5), Jefferson(3.6), Clarion (3.7), Beaver (3.8) Westmoreland (3.8), Clearfield (3.9), Forest (4.0)
4.1 to 4.5	Somerset (4.2)
4.6 to 5.0	Armstrong (4.6), Venango (4.8), Washington (4.8), Mercer (5.0)
greater than 5.0	Lawrence (5.4), Allegheny (6.9), Greene (9.4), Fayette (9.8)

TABLE 2.2.8-9

PENNSYLVANIA ORBES COUNTIES

1975 PER PUPIL EDUCATION EXPENDITURE

RANGE OF VALUES; $1152 to $1514

Expenditure $	Counties
less than 1200	Clearfield (1152) Somerset (1178)
1201 to 1250	Clarion (1205), Elk (1211), Westmoreland (1216), Butler (1220) Washington (1221), Lawrence (1227), Indiana (1246)
1251 to 1300	Forest (1254) Fayette (1256), Greene (1256), Venango (1260), Jefferson (1261), Beaver (1274)
more than 1300	Cambria (1333), Armstrong (1363), Mercer (1363), Allegheny (1514)

TABLE 2.2.8-10

PENNSYLVANIA ORBES COUNTIES

PERCENT OF STATE CONTRIBUTION TO 1975 PER PUPIL EDUCATION EXPENDITURE

RANGE OF VALUES 37.2% to 71.7%

Percent	Counties
less than 50	Allegheny (37.2), Beaver (49.4), Mercer (49.4)
50 to 59	Westmoreland (54.4), Washington (55.0), Butler (56.2) Lawrence (57.1), Forest (57.7), Elk (58.1)
60 to 69	Greene (60.0), Indiana (60.0), Cambria (60.3), Armstrong (62.0) Venango (62.2), Jefferson (68.4), Somerset (68.8)
more than 69	Clearfied (69.3), Clarion (70.2), Fayette (71.7)

TABLE 2.2.8-11
PENNSYLVANIA ORBES COUNTIES
RANKING OF COUNTY VALUES FOR TEN CHARACTERISTICS

County	1	2	3	4	5	6	7	8	9	10	Σ	Rank
ALLE	11	1	1	10	11	9	17	17	1	1	79	5
ARMS	14	10	13	12	4	12	13	12	3	13	106	11
BEAV	3	2	2	7	6	8	16	7	5	2	58	2
BUTL	2	9	5	1	3	2	6	2	14	6	50	1
CAMB	8	5	8	17	9	19	11	3	4	12	96	8.5
CLARI	12	16	14	8	17	4	3	6	17	18	115	14
CLEAR	13	15	17	15	2	16	4	9	19	17	127	16
ELK	1	18	9	6	19	10	15	1	16	9	104	10
FAYETTE	16	7	19	18	16	15	7	19	9	19	145	19
FOREST	19	19	10	4	14	1	1	10	10	8	96	8.5
GREENE	17	17	18	19	1	18	18	18	8	10	144	18
INDIANA	6	11	12	3	8	5	5	4	11	11	76	4
JEFFERSON	18	14	16	14	10	17	2	5	6	15	117	15
LAWRENCE	9	4	7	13	15	13	14	16	12	7	110	13
MERCER	5	8	4	9	13	7	19	15	2	3	85	6
SOMERSET	15	13	15	5	18	11	12	11	18	16	134	17
VENANGO	7	12	11	16	5	14	9	13	7	14	108	12
WASH	10	6	6	11	7	6	8	14	13	5	86	7
WEST	4	3	3	2	12	3	10	8	15	4	64	3