

ALLEGHENY COUNTY  
OVERALL ECONOMIC DEVELOPMENT PROGRAM  
1988 - 1990

ALLEGHENY COUNTY  
DEPARTMENT OF DEVELOPMENT  
Joseph M. Hohman, Director

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Pittsburgh, Pennsylvania  
June, 1988

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L. THE OEDP COMMITTEE

A. Appointment of the OEDP Committee

The Board of County Commissioners of Allegheny County appointed members of the Allegheny County Overall Economic Development Program Committee in November 1985. The Committee consists of 12 members of which two members are minority representatives. The Committee held its first meeting on December 4, 1985.

B. Membership

Members of the OEDP Committee, including areas of community representation, are following:

NAME AND TITLE

- |    |  |                     |
|----|--|---------------------|
| 1. | Mr. David F. Figgins<br>President<br>Mellon Stuart Company<br>One North Shore Center<br>Pittsburgh, PA 15212<br>Co-Chairman          | Business            |
| 2. | Mr. Robert P. Argentine<br>Executive Business Manager<br>Carpenters District Council<br>495 Mansfield Avenue<br>Pittsburgh, PA 15205 | Labor               |
| 3. | Mr. Samuel A. Schulhof<br>Vice President for Program Development<br>University of Pittsburgh Trust<br>Pittsburgh, PA 15260           | University          |
| 4. | Mr. Thomas Murphy<br>Executive Vice President<br>Jendoco Construction Corporation<br>2000 Lincoln Road<br>Pittsburgh, PA 15235       | Private Sector Dev. |
| 5. | Ms. Carol Weir<br>Allegheny Conference on<br>Community Development<br>600 Grant Street<br>Pittsburgh, PA 15219                       | Public Sector Dev.  |

- |     |  |                                |
|-----|--|--------------------------------|
| 6.  | Dr. Leon L. Haley<br>Executive Director<br>Urban League of Pittsburgh<br>200 Ross Street<br>Pittsburgh, PA 15219   | Public Sector Dev.<br>Minority |
| 7.  | Mr. Joseph M. Hohman<br>Director<br>Allegheny County Department<br>of Development<br>400 Fort Pitt Commons<br>445 Fort Pitt Boulevard<br>Pittsburgh, PA 15219<br>Co-Chairman | Government                     |
| 8.  | Mr. Raymond L. Reaves<br>Director<br>Allegheny County Department<br>of Planning<br>441 Smithfield Street<br>Pittsburgh, PA 15222   | Government                     |
| 9.  | Mr. Matthew R. Mathews<br>Executive Director<br>Allegheny League of Municipalities<br>250 Fort Pitt Commons<br>445 Fort Pitt Boulevard<br>Pittsburgh, PA 15219               | Government                     |
| 10. | Mr. Paul Nelson<br>Financial Director<br>Southwestern Pennsylvania<br>Economic Development District<br>110 Market Street<br>Pittsburgh, PA 15222                             | Finance<br>Minority            |
| 11. | Ms. Nancy Brown<br>Senior Vice President<br>Legg Mason Masten Inc.<br>2547 Washington Road<br>Pittsburgh, PA 15241   | Finance                        |
| 12. | Mr. Roger E. Wright<br>Executive Vice President<br>People's Natural Gas Company<br>CNG Tower, 625 Liberty Avenue<br>Pittsburgh, PA 15222                                     | Utilities                      |

2. HIGHLIGHTS OF ALLEGHENY COUNTY DEVELOPMENT ACTIVITIES - 1987-88

A. University of Pittsburgh Applied Research Center (UPARC)

EDA funded this project in September, 1986 with a \$1.0 million grant. Allegheny County committed local share funds of \$160,000. The project will convert four selected buildings to small business incubator facilities. Agreements between IDA and the University of Pittsburgh were executed in 1987. Construction was initiated in April, 1988 and is scheduled to be completed by April, 1989. Following the completion of construction, a Revolving Loan Fund will be funded from project proceeds for the primary benefit of UPARC business tenants.

B. Establishment of McKeesport Field Office by the Department of Development

The Department of Development established a field office in McKeesport in January, 1988, with responsibility for management of departmental projects in the Mon Valley. The office is directed by Steve Barrouk, Executive Director of the IDA and staffed by four additional departmental staff. The field office is in the process of providing assistance to businesses and developers seeking to expand employment and investments in the Mon Valley.

C. Business Innovation Center

The Department completed funding and implementation strategies for the establishment of the Business Innovation Center in Duquesne. The Center will serve as a one-stop business assistance center for businesses in the Mon Valley and provide assistance to unemployed and dislocated workers. As a result of arrangements completed with the Pittsburgh High Technology Council, the central operations of the recently funded Southwestern Pennsylvania Industrial Resource Center will be located in this facility. The SPIRC will provide technology assistance to businesses in the Mon Valley.

D. Glassport Industrial Center

The Glassport Industrial Center, Phase I, was completed in December, 1986. Phase II will involve renovation, access improvements and creation of additional incubator facilities adjacent to Glassport Industrial Center Phase I. Property acquisition has been completed and renovation activities were recently initiated.

E. Metal Retention/Reuse Study

Allegheny County and the City of Pittsburgh, along with a broad-based advisory committee, have been conducting a study of the local steel industry funded with \$375,000 from the State Commerce Department. The purpose has been to identify local opportunities for existing steel facilities or start-ups to take advantage of niches in the market.

While the construction of major, new, integrated steel facilities does not have market viability, there may be opportunities to meet one or more market niches which would re-employ several hundred dislocated workers as well as provide resources to other steel firms in this or adjacent regions. The study analyzes the supply and demand for steel of various types in the market today as well as the physical capabilities of local steel making facilities.

F. Duquesne-Duquesne Works Development  
(now-National-Duquesne-Works-Development)

This high priority project has been expanded beyond the USX-Duquesne Works site to include the USX-National Works site, thus increasing the proposed industrial park area to approximately 380 acres. The sites are contiguous but separated by the Monongahela River. Final negotiations for acquisition by Allegheny County and development by the Regional Industrial Development Corporation of these sites are underway and are scheduled to be completed by August, 1988. Meanwhile, the environmental and demolition assessments are nearly complete with the site location and engineering contracts soon to be awarded. The historic artifacts analysis and collection are completed.

G. Revolving Loan Funds

The Department of Development operated three revolving loan funds in 1987-88:

The Small Business and Distressed Communities Revolving Loan Fund, the Development Action Assistance Program and the Small Business-Minority Business Revolving Loan Fund.

From September, 1987 to April, 1988, the three loan funds granted a total of eight loans, amounting to \$523,000, resulting in the retention of 177 jobs and the creation of 46 new jobs. These loans leveraged private investments of \$1,896,796.

H. Industrial Site Inventory

The Department of Development coordinates a computerized county-wide industrial site inventory program with the Southwestern Pennsylvania Regional Planning Commission. The inventory includes industrial buildings over 5,000 square feet in area and land sites of five acres or more. Presently a file of industrial sites in Allegheny County, classified by municipality, size and site characteristics, is operational. 761 sites representing 20.07 million square feet of office, commercial and industrial space and 5,637 acres of land are currently included in the inventory.

I. Commercial Revitalization

The Commercial Revitalization Program uses CDBG (Community Development Block Grant) funds to support public improvements, provide technical assistance and offer financial incentives to private businesses to rehabilitate commercial buildings and areas. Eleven communities participated in 1987-1988.

Public improvement projects included sidewalk reconstruction, curbs and handicapped ramps, utility replacements, relocations, construction of parking facilities, traffic improvements, street furniture and landscaping. Total expenditures for public improvements amounted to \$906,500.

The financial incentives program funded 42 grants totaling \$260,996.57. These grants leveraged \$700,432 of private investments.

J. Business Information Services

The Department of Development receives a substantial number of business inquiries each year for general information, specific economic data, technical assistance and the use of departmental business services.

In 1987-1988 a total of 100 inquiries were received and appropriately serviced.

K. Job Training Assistance

The Department of Development operates a job training assistance program providing on-the-job training for unemployed or low-income residents of Allegheny County. The program is funded by federal sources under the Job Training Partnership Act. The employer is reimbursed for 50% of the wage costs paid to trainees for specified training periods.

In 1987-1988 the Department closed 94 contracts resulting in training for specific jobs of 312 Allegheny County residents.

L. 1988 New Construction Projects in Allegheny County

Greater Pittsburgh International Airport Redevelopment

Major expansion of the Greater Pittsburgh International Airport, including a proposed midfield terminal increasing aircraft positions to 100 and providing expanded space for passenger facilities. Other proposed developments are construction of a new expressway to provide greater accessibility to expand traffic volumes and infrastructure improvements to encourage redevelopment of adjacent publicly-owned land of 1,000 acres. It is estimated that these developments combined would generate an additional 18,000 jobs.

### The Pittsburgh Technology Center

The Pittsburgh Technology Center is currently under development as the site of advanced technology research, existing and new companies engaged in the application of new technologies and technology transfer activities. It will be located on a 48-acre site, formerly occupied by a Jones and Laughlin Steel plant, within the City of Pittsburgh. Included in the proposed facility will be the Center for Advanced Manufacturing and Software Engineering sponsored by Carnegie-Mellon University and the Biotechnology Research Center of the University of Pittsburgh. Total project costs are estimated to be \$26.4 million.

### University of Pittsburgh Applied Research Center

Allegheny County is cooperating with the University of Pittsburgh in converting the former Gulf Research and Development Center, an 85 acre diversified, state-of-the art industrial research facility with 54 buildings, into a multi-use regional center for industrial research, small business incubator facility and expanded technology transfer for advanced research and technology applications. The Center will serve businesses with advanced technology applications throughout the Pittsburgh metropolitan area. It is estimated that 2,000 jobs will be created in the Center within five years.

### USX Sites in Duquesne and McKeesport

Allegheny County, USX and the Regional Industrial Development Corporation are cooperating in the clearance and future development of two former USX sites, now vacant, located in Duquesne and McKeesport. The combined area of the two sites is 373 acres. Proposed major activities include a Business Innovation Center for small businesses, a Job Search, Placement and Training Assistance Center for dislocated workers, a Revolving Loan Fund for the creation of new jobs, clearance of the project sites, environmental impact assessments and actions, and staged development of industrial facilities.

## 3. CHANGES IN THE ECONOMY

### A. Structural Changes in the Economy, 1980-1987

The economy of Allegheny County experienced fundamental structural changes since 1980. Manufacturing employment was the largest source of employment in 1980 and in previous decades. In 1980, 25.2% of total employment was derived from manufacturing jobs. By 1987 that percentage declined to 14%. In the past seven years an unprecedented number of manufacturing jobs have been lost permanently. During this period, manufacturing employment declined from 155,000 to 84,000, representing a loss of 71,000 jobs or 45.8%. This decline amounts to the loss of 10,000 jobs annually.



The major job losses are explained by the predominance of steel-based manufacturing industries in Allegheny County. These industries, due to over-capacity, reduced national and international demand, and technological obsolescence, are unable to compete effectively and cannot expand under current conditions. Other manufacturing industries may develop into growth industries in the future if they are able to automate, invest in technologies and adopt effective marketing programs.

The Mon Valley area of Allegheny County has been affected most severely by the decline of steel manufacturing. Direct impacts include outmigration of the labor force, very large unemployment rates, decline of housing and infrastructure, and rising poverty rates. The Mon Valley milltowns lost over 30% of their population, while Allegheny County experienced a loss of 10%. Both large steel plants and smaller industrial plants have closed in great numbers and future closings are expected.

In the past decade, the economy of Allegheny County was transformed from dependence on steel-based manufacturing to an economic base consisting of service industries, wholesale-retail trade and a much-reduced manufacturing sector. Primary expanding industries are non-manufacturing: health, financial services, transportation, corporate services, business services. Small advanced technology, both manufacturing and services, are significant sources of future job creation.

#### B. Population Changes

Since 1970 Allegheny County lost 14.4% of its population. Total population decline amounted to 231,500. The loss was due in part to a declining birth rate, but even more to continuing outmigration. In the same period, Mon Valley milltowns lost 44,300 persons, representing a 22.7% loss. Most severely affected were milltowns with major employment losses, such as Braddock, McKeesport, Duquesne and Homestead. In these small industrial centers, population losses ranged between 35 and 60%. Future population losses of significant size are expected in the milltowns, unless employment decline is substantially reversed.

#### C. Labor Force, Employment, Unemployment

One of the significant indicators of economic decline is the continuous decrease in the labor force of Allegheny County since 1980. Since 1980, the total labor force decreased by 31,000, representing a decline of 4.7%. The percentage almost equals the rate of population loss. This continuing trend indicates the outmigration of the working-age population and withdrawal of significant population groups from the active labor force.

Total employment in Allegheny County since 1980 declined by 20,700 or 3.4%. It is true that the major decrease occurred between 1980 and 1984 and that total employment increased measurably since 1984. It should be noted, however, that the increase was very gradual and at a slow rate. Furthermore, during the same period, national employment expanded by 11.2%. Compared to national growth trends, Allegheny County is experiencing slow overall growth and continuing decline of its manufacturing base.

In 1981, unemployment in Allegheny County averaged 7.0%. As a result of major steel employment reductions, unemployment rates experienced sudden increases. The average county rate rose to 11% in 1982, 12.9% in 1983 and 11% in 1984. These unemployment rates consistently exceeded the national unemployment average by 1.3 - 3.6 points. These rates do not reflect the very high unemployment rates of the Mon Valley communities. For communities with populations below 25,000, no unemployment rates are provided. The unemployment rates for McKeesport do indicate the very high unemployment proportions of this area. These rates are, for 1980: 7.2%, for 1981: 7.4% for 1982: 17.2%, for 1983: 18.3% and for 1984: 12.8%.

In 1987, the Allegheny County unemployment rate was 6.1%. This rate exceeds both the national and state unemployment rates for 1987.

#### D. Income and Poverty Levels

Per capita income of Allegheny County residents has been consistently lower than US national averages since 1979. The Allegheny County per capita average was 7,984 in 1979, compared with the national average of 8,668. The most recent US Census update indicates per capita income of 11,454 for Allegheny County and a national average of 13,867 for 1985. Per capita income for the Mon Valley communities is substantially lower than the county and national averages. The 1985 rates ranged between 7,200 and 9,800 for most Mon Valley communities, indicating income levels 48-30% below national averages.

Poverty level data indicate an exceedingly high proportion of residents below the poverty level. Current information is based on results of the 1980 Census, no data are available for more recent years. It is evident that conditions in Allegheny County have deteriorated significantly since 1980, since major employment reductions occurred after that date. In 1979, 130,177 persons in Allegheny County were counted below the poverty level, representing 9.2% of the county population. Poverty rates in the Mon Valley area were considerably higher. The average poverty rate in 1980 was 13.4%. In communities experiencing employment reductions, poverty rates ranged from 25.5% to 34%. It is estimated that in 1986 poverty rates in the Mon Valley averaged 25% or above.

#### E. Data Sources Used

Employment: US Bureau of the Census, County Business Patterns and US Bureau of Labor Statistics, Surveys since 1984.

Unemployment: US Bureau of Labor Statistics, Pennsylvania Department of Labor and Industry.

Population: US Bureau of the Census, 1980 Census and intercensal surveys on population and per capita income.

Income and Poverty: US Bureau of the Census

#### 4. DEVELOPMENT STRATEGY

This development strategy has the purpose of providing an overall guideline to economic development activities and programs to be conducted by Allegheny County.

##### Structure of Development Strategy

The development strategy consists of three distinct elements:

- A. A multi-year development program stating the major components of the development strategy in brief format.
- B. A two-year development program, identifying programs and projects for that period, corresponding to the Allegheny County OEDP document, and,
- C. A one-year implementation program based on the two-year development program.

##### Priorities of the Development Strategy

The OEDP Committee gave special attention to the designation and application of priorities for the Development Program. The Committee believes that designated priorities should be given significant attention as the program is implemented. Since limited funds exist and each goal requires different levels of support, it does not appear feasible to assign funding amounts on the basis of priorities. The Committee recommends, therefore, that designated priorities should be utilized as indicators of the relative importance attached to each of the nine goals. The Committee suggests that a flexible approach be used seeking first, to strengthen the current economic base, second, develop a diversified economy, and third, utilize emerging opportunities.

In 1988, the OEDP Committee determined priorities of the Development Program by designating priority numbers from 1 to 3 to each goal. Goals 1 through 4 were designated priority 1, goal 5 was designated priority 2 and goals 6 through 9 were designated priority 3. These designations represent a new priority ranking, reflecting recent experiences and current needs in the County's development program.

Statement of Priority Goals,  
Allegheny County Overall Economic Development Program

GOAL STATEMENT	PRIORITIES
1. Retention of Existing Industry Groups	1
2. Expansion of Selected Industry Groups	1
3. Support and Assistance to New Business Ventures	1
4. Infrastructure Investments and Developments	1
5. Revitalization of the Mon Valley	2
6. Assist the Expansion of Advanced Technology Industries and Services	3
7. Development of Economic Data Base and Information System	3
8. Marketing Allegheny County-Pittsburgh	3
9. Long Term Development Opportunities	3

A. MULTI-YEAR DEVELOPMENT PROGRAM

The purpose of this program is to identify the most significant elements of an economic development program for Allegheny County. The programs identified are those that are capable of strengthening the current economic base, encouraging the development of a diversified economic structure and take advantage of future development opportunities. Both long-term (more than two years) and short-term (two years or less) programs are included.

1. Retention of Existing Industry Groups

The Allegheny County economy is in the process of a major transition involving the substantial decrease of steel-related manufacturing jobs and the emergence of both traditional and new industries. Based on our present understanding, the economy will include a limited manufacturing sector, wholesale-retail activities, health and education services, advanced technologies, and an important service sector providing diversified services to major corporations and businesses.

As this process of adjustment continues, it is important to assist selected business firms and economic sectors to adjust to new circumstances, so that they are able to remain in Allegheny County. The assistance to be provided should be related to the specific needs of different businesses and economic sectors.

The following program elements are proposed:

- a. Identify specific businesses or economic sectors that should receive retention assistance;
- b. Determine the types of services that can be provided by Allegheny County to identified businesses or economic sectors; and,
- c. Establish a business assistance program that provides retention assistance to identified businesses and economic sectors. The program is to include operational guidelines, program criteria, specific objectives, funding and personnel requirements.

2. Expansion of Selected Industry Groups with Expansion and Job Creation Potential

The rationale for such a program is that medium-size and small businesses with potential for growth that seek to expand their economic activities are likely to make a significant contribution to the diversification and economic development of the Allegheny County economy. We know for example that in the period 1980-1982 existing small businesses with less than 20 employees expanded employment by 33,124 and businesses with 20 to 99 employees expanded by 18,435 jobs in the Pittsburgh metropolitan region.

This program would provide selective assistance to existing small and medium size businesses with demonstrated growth potential and with the potential to create jobs that promise to diversify the economic base of Allegheny County.

The following program components are proposed:

- a. Develop criteria, guidelines and implementation procedures for identifying businesses with potential and job growth in areas that contribute to economic diversification;
- b. Identify programs that would provide substantial assistance to businesses with growth potential to expand and create jobs. Program elements may include grants, loans, special financing, technology transfer, infrastructural assistance, referrals, and federal and state program assistance; and,
- c. Establish and make operational programs of assistance for business expansion, including criteria of eligibility, operational guidelines, objectives, funding and personnel required.

### 3. Support and Assistance to New Business Ventures

In the process of renewal that is now taking place in the county economy, the creation of new business ventures is the single most important factor in the creation of new permanent jobs. There are two reasons for the importance of new businesses. First, new businesses with job development and growth potential can be expected to introduce technologies, services and production systems that respond to current and future business requirements which will produce significant impacts on the local economy in the direction of renewal and innovation. Secondly, new small businesses are the major generators of new jobs nationwide and in the Pittsburgh region as well. For example, from 1980 to 1982 new businesses with employment of less than 20 created 23,299 new jobs in the Pittsburgh region. Without these new jobs, small businesses employing less than 20 would have created only 995 instead of 24,294 net new jobs. In the same period, new businesses with 20 to 99 employees created 21,107 jobs. New businesses employing less than 100 were responsible for the creation of 44,406 new jobs in the Pittsburgh region. All new businesses accounted for 76,066 new jobs or 49.6% of all new jobs in the Pittsburgh region.

The following programs should be developed to encourage entrepreneurship and new businesses:

- a. Continue to support, market and expand already existing incubator facilities for new businesses, sponsored by Allegheny County, including especially the Glassport Industrial Center and the University of Pittsburgh Applied Research Center;
- b. Develop a statistical and analytical survey of new businesses in Allegheny County with information on industry types, employment growth, firm size and other significant criteria. This information is essential in marketing, public information, encouragement of new ventures, and creation of an entrepreneurial awareness in Allegheny County;
- c. Explore the role that Allegheny County can play in the expansion of technology transfer activities, initially through the University of Pittsburgh Applied Research Center, then through provision of technology assessment and transfer activities by direct contact with potential entrepreneurs and recently established businesses; and,
- d. Coordinate Allegheny County's entrepreneurial assistance activities with other organizations, including the Pittsburgh High Technology Council, the Enterprise Corporation, the Western Pennsylvania Advanced Technology Center, and the Foundation for Applied Science and Technology.

#### 4. Infrastructure Investments and Developments

Infrastructure facilities are an important determinant of successful economic development. As the regional and county economic structure changes, new types of infrastructure are required to support economic developments. There is a need to relate future infrastructure developments to economic activities in terms of facilities, location, and use. For example, airport access and services are becoming an important need for new industries and their future development.

To prepare for the coordination of infrastructure facilities with economic development, the following programs are proposed:

- a. Conduct an inventory of major infrastructure facilities in Allegheny County, with impacts on and relationships to economic development;
- b. Identify and prepare implementation programs for key infrastructure facilities, services and generators of economic growth that will be needed for economic development within the next ten years; and
- c. Identify funding programs which can provide for future infrastructure facilities required for economic development.

The Committee recognizes that the County's infrastructure needs cannot be met with the funds which would be made available through existing financing mechanisms. For example, it has been estimated that the Southwestern Pennsylvania region has road and bridge needs of approximately \$3.5 billion which cannot be met with projected funding. A substantial portion of this amount would fund new highways which would primarily serve development needs. It will be necessary, therefore, for the County working with the Southwestern Pennsylvania Regional Planning Commission, state and federal representatives to explore new means of financing infrastructure improvements including additional user fees, benefit assessments, transportation partnership districts and other innovative approaches.

#### 5. Revitalization of the Mon Valley

As documented previously, the Mon Valley experienced unprecedented economic decline, population losses and other forms of deterioration as a result of the erosion of basic steel employment. The problems of the Mon Valley, however, are closely related to the overall economic changes taking place in the region and county. Solutions to these problems, therefore, can only be found by addressing the sound future development of the county and region as whole.

Nevertheless, special actions could be taken to address the unusually serious problems of the Mon Valley. Following are proposed components of a revitalization program for the Mon Valley:

- a. Based on the findings of the Mon Valley Advisory Commission Report, identify development actions and programs to implement Commission recommendations.
  - b. Develop and coordinate programs for training, retraining and job placement for dislocated and unemployed workers of the Mon Valley, in cooperation with the Pittsburgh-Allegheny County Private Industry Council and other organizations.
  - c. Prepare staged development actions to retain existing employment, assist new business formations and improve the physical and economic environment of Mon Valley communities.
6. Assist the Expansion of Advanced Technology Industries and Services

An analysis of the potential of advanced technology industries in Pittsburgh was prepared in 1984 by the Allegheny Conference on Community Development. The report emphasized the following resources and potential in Pittsburgh: the high quality of the region's academic institutions, the existence of substantial private sector technological research activity, the emergence of university-industry ties, the availability of venture capital, a skilled labor force, entrepreneurial development, and the quality of life in Pittsburgh.

The report identified several areas of priority action needed to expand advanced technology in Pittsburgh, including:

- a. Improving the climate for entrepreneurial development;
- b. Utilization of new technology in revitalizing the regional economic base;
- c. Improved and expanded linkages between universities and businesses for the transfer of technological knowledge;
- d. Improvement of the image of the region as an area of innovation, invention, and entrepreneurial activity;
- e. Promotion of the quality of life in Pittsburgh; and,
- f. Increased availability of a highly trained labor force for advanced technology industries.



Although research and technology improvement is basically centered in academic and business research institutes, there are several issues that the Department of Development should address. These are:

- a. Improve the climate for entrepreneurial development through incentives for new business ventures, such as financing, incubator facilities, infrastructural development projects and provision of technical service and information;
- b. Improve the image of the region by appropriate publications, promotional activities (trade shows, exhibits), and supporting special projects with innovation potential;
- c. Proposal and funding of infrastructural development projects that utilize advanced technology applications in business expansion or address important public issues; and,
- d. Target grants and loans to selected technologies that have the potential to improve economic competitiveness of the county economic base. A list of such technologies is attached at the end of this section.

7. Develop Economic Data Base and Information System

An economic development program must be based on an understanding of the local economy, an assessment of strengths and weaknesses of the community, and most importantly, an awareness of changing economic, social, population, and labor force conditions. This understanding requires available, reliable, continuously updated information for Allegheny County and the Pittsburgh metropolitan region. Certain types of information are available, but there is a need for systematic collection and maintenance of data, and for the preparation of analytical studies on particular issues.

The following program elements are suggested:

- a. Development of an economic data, information, publications and assessment system by the Allegheny County Departments of Development and Planning;
- b. Assessment of current information and assessment systems;
- c. Establish a Regional Advisory Council for Economic Issues and Data, with the participation of university institutes for economic and social research, to advise and implement procedures for continuous monitoring of economic information, for preparing economic assessments and making recommendations on specific policy issues.

8. Marketing Pittsburgh-Allegheny County

The report of the Allegheny Conference on Community Development considers promoting and improving the image of Pittsburgh one of the important tasks of an economic development program.

The Report states: "Time and time again, Pittsburgh's negative image was mentioned as a barrier to recruiting talent, attracting businesses, and giving the Pittsburgh market area the economic structure it deserves--The Pittsburgh area has still not successfully communicated its many assets and it lacks a clear, new identity".

There are several elements of marketing that need to be considered:

- a. The need to clarify a realistic concept of regional identity, stating the region's history, current changes, alternative futures, achieved quality of life criteria, and current facts on labor and business climates;
- b. The need to communicate such an identity of the region, to organizations, media, businesses and governments inside and outside the region; and,
- c. The need to establish consistent procedures and programs of promotion, including coordination among involved organizations, use of reliable materials, reception of visitors, and increased communication among regional organizations.

9. Long-Term Development Opportunities

Economic development is a long-term process. It requires understanding of current economic conditions and an awareness of future development opportunities. As the current economy changes and new developments are put into place, future development opportunities arise. In order to monitor, assess and take advantage of long-term development opportunities, the following programs are proposed:

- a. Monitor and evaluate the economic impacts of presently proposed or major developments in progress, especially in terms of future employment, labor force conditions, and economic diversification;
- b. Prepare periodic assessments (two-year) of economic changes in Allegheny County and future economic development opportunities created by such changes; and,
- c. Assessment of development opportunities related to the following areas:
  - 1. Airport Area Development, Related Services and Generators of Economic Growth
  - 2. Transportation Facilities
  - 3. Waterfront Resources and Development
  - 4. Research and Development Activities
  - 5. International Business Linkages
  - 6. Health Facilities and Services

B. PRIORITY PROJECTS, ALLEGHENY COUNTY OEDP, 1988-1990

<u>PROJECT NAME</u>	<u>PROJECT COSTS</u>	<u>IMPLEMENTATION</u>	<u>PRIORITY</u>
*1.University of Pittsburgh Applied Research Center Incubator Facilities	\$1.36 mill	1989	1
*2.University of Pittsburgh Applied Research Center Revolving Loan Fund and Technology Transfer	\$1.7 mill	1989-1990	1
*3.Study to Assess Flexible Manufacturing Facility	\$0.1 mill	1988	1
4. Greater Pittsburgh Inter- national Airport Redevelopment	\$528.0 mill	1988-1992	1
5. Air Cargo and Other Air Services Related Facilities		1989-1991	2
6. Glassport Redevelopment	\$1.3 mill	1988-1989	1
7. National-Duquesne Works Redevelopment	\$83.0 mill	1988-1992	2
*8.Access Road, Infrastructure Improvement, Environmental Tower, Duquesne Site	\$3.0 mill	1988-1989	1
*9.Rehabilitation of "Pipe Shop" Industrial Facility, National Site	\$3.0 mill	1988-1989	1
10.McKeesport Development	\$2.6 mill	1988-1990	1
11.Business Innovation Center, Duquesne	\$0.35 mill	1988	1

C. TWO-YEAR DEVELOPMENT PROGRAM, 1988-1990

Goal #1: Retention of Existing Industry Groups

Objectives: To assist selected industry groups to adjust to changing economic circumstances, to enable such businesses to remain and retain jobs in Allegheny County.

Actions - Projects:

- a. Identify specific industry groups that need retention assistance to adjust to changing economic circumstances in Allegheny County.
- b. Design and establish business retention programs that respond effectively to business adjustment needs in Allegheny County.
- c. Prepare and establish retention programs for businesses in the Monongahela Valley:
  1. Business Innovation Center, Duquesne
  2. Southwestern Pennsylvania Industrial Resource Center
- d. Assist in funding and implementation strategies for industrial infrastructure projects:
  1. Bethel Park Industrial Park
  2. Jefferson Borough Industrial Utilities and Access Road
  3. Blawnox Access Road to Industrial Facilities
  4. McKees Rocks Access Road to Industrial Park
  5. Brackenridge Water Treatment Facility

Goal #2: Expansion of Selected Industry Groups

Objectives: To provide economic expansion assistance to selected small and medium-size businesses with significant job creation and economic impact potential.

Actions - Projects:

- a. Identify industry groups and businesses with significant job creation and economic impact potential.
- b. Establish programs that will provide effective economic expansion assistance to businesses capable of significant job creation potential.
  1. Business Innovation Center, Duquesne
  2. Southwestern Pennsylvania Industrial Resource Center

Goal #3: Support and Assistance to New Business Ventures

Objectives: To assist the creation of new business ventures in Allegheny County, particularly in areas of the economy that will add new permanent jobs, new investments and new technologies, and to encourage continued growth of an entrepreneurial culture in Allegheny County.

**Actions - Projects**

- a. Market and expand existing incubator facilities for new businesses sponsored by Allegheny County.
  - 1. Glassport Industrial Center I
  - 2. Glassport Industrial Center II
  - 3. University of Pittsburgh Applied Research Center
- b. Explore feasibility of establishing additional business incubator facilities and services to be sponsored by Allegheny County, for the encouragement of new business ventures.
- c. Provide technical assistance services to potential new businesses:
  - 1. Duquesne University Small Business Assistance Center
  - 2. Business Innovation Center, Duquesne
  - 3. Southwestern Pennsylvania Industrial Resource Center

Goal #4: Infrastructure Investments and Developments

Objectives: Identify major infrastructure facilities required to support current and future economic development needs in Allegheny County and prepare implementation and funding strategies for selected projects.

**Actions - Projects**

- a. Identify major infrastructure facilities with significant impacts on current and future economic development needs.
- b. Prepare implementation and funding strategies for key infrastructure facilities, generators of economic growth and other projects with significant impact on economic development:
  - 1. Greater Pittsburgh International Airport Redevelopment
  - 2. Southern Expressway
  - 3. Air Cargo and Other Air Services Related Facilities
  - 4. Glassport Redevelopment
  - 5. Access Road, Infrastructure Improvement, Site Development, Duquesne USX Site
  - 6. Rehabilitation of "Pipe Shop" Industrial Facility, USX National Works
  - 7. McKeesport Development

Goal #5: Revitalization of the Mon Valley

Objectives: Identification of staged development actions to retain existing employment, assist the expansion of new businesses and support the physical improvement of the Mon Valley communities.

Actions - Projects

- a. Redevelopment of Duquesne and National USX industrial sites:
  1. Access Road, Infrastructure Improvement, Site Development, Duquesne USX Site
  2. Rehabilitation of "Pipe Shop" Industrial Facility, National USX Site
- b. Provisions of business assistance, job training and dislocated worker services at the Business Innovation Center, Duquesne
- c. Revolving Loan Fund for assisting existing and new businesses in the Mon Valley
- d. Mon Valley Regional Training Center
- e. Mon Valley Enterprise Zone Program
- f. Mon Valley Site Development Program
- g. Westinghouse Electric/American Standard Redevelopment

Goal #6: Assist the Expansion of Advanced Technology Industries and Services

Objectives: Assist the expansion of advanced technology businesses, support technology related projects and developments, strengthen existing science and technology resources, and expand advanced technology transfer and utilization by Allegheny County businesses.

Actions - Projects:

- a. Provide incentives for advanced technology business expansions and applications, including financing, incubator facilities, technology transfer, infrastructure assistance and others.
  1. University of Pittsburgh Applied Research Center, Incubator Facilities, Revolving Loan Fund and Technology Transfer
  2. University of Pittsburgh Applied Research Center: Technical Assistance Study to Assess a Proposed Flexible Manufacturing Facility
  3. University Technology Development Center II, Revolving Loan Fund

- b. Funding and development assistance to development projects with significant impacts on advanced technology applications in Allegheny County.
  - 1. University of Pittsburgh Applied Research Center
  - 2. Pittsburgh Center for Advanced Technology Computing in Engineering and the Sciences
  - 3. Software Engineering Institute
  - 4. National Center for Robotics in Manufacturing
  - 5. Center for Hazardous Materials Research
  - 6. University of Pittsburgh Biotechnology and Bioengineering Center
- c. Improve the image of the county as supportive of technology-related developments.
- d. Establish an updated data base on advanced technology businesses and employment in Allegheny County.

Goal #2: Development of Economic Data Base and Information System

Objectives: Establishment of continuous, accessible information system for Allegheny County to be used for preparing, implementing, evaluating and marketing economic development and major physical development projects and programs.

Actions - Projects:

- a. Development of an economic data, information and assessment system by the Departments of Development and Planning.
- b. Establishment of joint interdepartmental and university-related consultations and evaluations for the purpose of expanding the capacity of Allegheny County for data and information systems development.
- c. Joint sponsorship of economic development studies, based on specific policy-related needs, by the Departments of Development and Planning.

Goal #8: Marketing Allegheny County/Pittsburgh

Objectives: Promotion of the image of the Pittsburgh region, with emphasis on a positive business climate, development potential and a desirable living and working environment.



**Actions - Projects:**

- a. The marketing activities of the Department of Development should be focused on specific client groups requesting information services and on the needs of such groups for information relating to area development opportunities. Based on requests and inquiries received in the past year, both client groups and their needs can be determined.
- b. The following thematic elements of marketing information should be given priority emphasis:
  1. Resources of the region for economic development
  2. Current development projects and their impacts
  3. Economic, social, physical development trends
  4. Advanced technology development opportunities
  5. Nationally recognized achievements of the region
- c. Preparation of specific promotional packages, based on updated information and produced in attractive format, to be provided to client groups on request, in cooperation with other organizations, including the Greater Pittsburgh Office of Promotion. The following packages should be developed:
  1. Historical and current information on Allegheny County, including current development trends, quality of life, economic, physical and cultural resources, guide to urban and suburban attractions.
  2. Allegheny County Business Services. This package of information provides specific materials to existing and new businesses on services and assistance provided by the Allegheny County Department of Development.
  3. Pittsburgh-Allegheny County Economic Summary. The purpose of this summary is to provide specific economic development related information to new or existing businesses seeking to locate in the region or requiring marketing information for business developments. This summary will include employment trends, major construction projects, university and research institutes, and industrial-commercial facilities.

**Goal #9: Long Term Development Opportunities**

**Objectives:** Continuous study of long-term development opportunities in Allegheny County that emerge as the economy is diversified and transformed and new business developments become feasible.

**Actions - Projects:**

- a. Evaluate the economic impacts of presently proposed or initiated major developments in terms of future employment, labor force conditions, economic diversification and new development trends.
- b. Assessment of development opportunities with potential impacts on the economy and development of Allegheny County:
  1. Airport Area Redevelopment, Related Services and Generators of Economic Growth
  2. Waterfront Resources and Developments
  3. Health Facilities, Services and Employment
  4. Transportation Facilities

D. ONE-YEAR IMPLEMENTATION PROGRAM, 1988-1989

Goal #1: Retention of Existing Industry Groups

Objectives: To assist selected industry groups to adjust to changing economic circumstances and to enable such businesses to remain and retain jobs in Allegheny County.

Actions - Projects:

- a. Operate existing business retention programs.
- b. Prepare and establish retention programs for businesses in the Monongahela Valley:
  1. Business Innovation Center, Duquesne
  2. Southwestern Pennsylvania Industrial Resource Center
- c. Assist in funding and implementation strategies for industrial infrastructure projects:
  1. Bethel Park Industrial Park
  2. Jefferson Borough Industrial Utilities and Access Road
  3. Blawnox Access Road to Industrial Park
  4. Brackenridge Water Treatment Facility

Goal #2: Expansion of Selected Industrial Groups

Objectives: To provide economic expansion assistance to selected small and medium-size businesses with significant job-creation and economic impact potential.

Actions - Projects:

- a. Identify industry groups and businesses with significant job creation and economic impact potential.
- b. Establish programs that will provide effective economic expansion assistance to businesses capable of significant job creation potential.
  1. Business Innovation Center, Duquesne
  2. Southwestern Pennsylvania Industrial Resource Center

Goal #5: Revitalization of the Mon Valley

**Objectives:** Identification of staged development actions to retain existing employment, assist the expansion of new businesses and support the physical improvement of the Mon Valley communities.

**Actions - Projects:**

- a. Provision of business assistance, job training and dislocated worker services at the Department of Development Mon Valley Office,, McKeesport, and the Business Innovation Center, Duquesne.
- b. Creation of a Revolving Loan Fund for assisting existing and new businesses in the Mon Valley.
- c. Preparation of a proposal and funding strategy for a Mon Valley Regional Training Center.
- d. Funding and implementation strategies for Mon Valley redevelopment projects:
  1. Access Road, Infrastructure Improvement, Site Development, Duquesne USX Site
  2. Rehabilitation of "Pipe Shop" Industrial Facility, National USX Site
- e. Mon Valley Enterprise Zone Program

Goal #6: Assist the Expansion of Advanced Technology Industries and Services

**Objectives:** Assist the expansion of advanced technology businesses, support technology related projects and developments, strengthen existing science and technology resources, and expand advanced technology transfer and utilization by Allegheny County businesses.

**Actions - Projects:**

- a. Provide incentives for advanced technology business expansions and applications, including financing, incubator facilities, technology transfer, infrastructure assistance and others.
  1. University of Pittsburgh Applied Research Center, Incubator Facilities, Revolving Loan Fund and Technology Transfer
  2. University of Pittsburgh Applied Research Center: Technical Assistance Study to Assess a Proposed Flexible Manufacturing Facility
  3. University Technology Development Center II, Revolving Loan Fund

- b. Funding and development assistance to development projects with significant impacts on advanced technology applications in Allegheny County.
  - 1. University of Pittsburgh Applied Research Center
  - 2. Pittsburgh Center for Advanced Technology Computing in Engineering and the Sciences
  - 3. Software Engineering Institute
  - 4. National Center for Robotics in Manufacturing
  - 5. Center for Hazardous Materials Research
  - 6. University of Pittsburgh Biotechnology and Bioengineering Center
- c. Establish an updated data base on advanced technology businesses and employment in Allegheny County.

Goal #7: Development of Economic Data Base and Information System

Objectives: Establishment of a continuous, accessible information system for Allegheny County to be used for preparing, implementing, evaluating and marketing economic development and major physical development projects and programs.

Actions - Projects:

- a. Joint interdepartmental and university-related consultations and evaluations for the purpose of expanding the capacity of Allegheny County for data and information systems development.
- b. Joint sponsorship of economic development studies, based on specific policy-related needs, by the Departments of Development and Planning.

Goal #8: Marketing Allegheny County/Pittsburgh

Objectives: Promotion of the image of the Pittsburgh region, with emphasis on a positive business climate, development potential and a desirable living and working environment.

**Actions - Projects:**

- a. Preparation of specific promotional packages, based on updated information and produced in attractive format, to be provided to client groups on request, in cooperation with other organizations, including the Greater Pittsburgh Office of Promotion. The following packages should be developed:
  1. Historical and current information on Allegheny County, including current development trends, quality of life, economic, physical and cultural resources, guide to urban and suburban attractions.
  2. Allegheny County Business Services. This package of information provides specific materials to existing and new businesses on services and assistance provided by the Allegheny County Department of Development.
  3. Allegheny County Economic Summary. The purpose of this summary is to provide specific economic development related information to new or existing businesses seeking to locate in the region or requiring marketing information for business developments. It will include employment trends, population characteristics, growth areas and industries, advanced technology trends, major construction projects, university and research institutes, and industrial-commercial facilities.

**Goal #9: Long-Term Development Opportunities**

**Objectives:** Continuous study of long-term development opportunities in Allegheny County that emerge as the economy is diversified and transformed and new business developments become feasible.

**Actions - Projects:**

- a. Assessment of development opportunities with potential impacts on the economy and development of Allegheny County:
  1. Airport Area Development, Related Services and Generators of Economic Growth
  2. Waterfront Resources and Developments

APPENDIX 1. MEETINGS OF THE COMMITTEE

MINUTES OF THE MEETING OF THE  
ALLEGHENY COUNTY OVERALL ECONOMIC DEVELOPMENT PROGRAM COMMITTEE

May 26, 1988  
8:00 A.M.

400 Fort Pitt Commons, Fourth Floor Conference Room

ATTENDANCE

Committee Members: Joseph M. Hohman, Samuel A. Schulhof, Leon Haley,  
Robert Argentine.

Staff Members: Frederick H. Armstrong, Paul Body

ABSENT David F. Figgins, Carol Weir, Roger E. Wright,  
Paul Nelson, Matthew R. Mathews, Nancy Brown,  
Raymond L. Reaves, Thomas Murphy.

HIGHLIGHTS OF ALLEGHENY COUNTY DEVELOPMENT ACTIVITIES - 1987-88

Mr. Body reviewed highlights of Allegheny County development activities for 1987-88.

CHANGES IN THE ECONOMY, 1987-88

Paul Body reviewed a report distributed to the committee members detailing changes in the economy i.e., structural changes; population changes; labor force; employment and unemployment; income and property levels.

In reviewing the decline of manufacturing employment Mr. Haley commented that though there was a percentage of decline was the number of jobs actually declining? Mr. Body responded that there was an actual loss of 71,000 jobs and that this is a net decline.

Mr. Schulhof noted that given the efforts of agencies claiming job creation, are these jobs actual and how many are in manufacturing? Also, is the definition of manufacturing traditional steel related jobs versus high-tech manufacturing?

Mr. Body said the studies that have been done do not give actual documentation in number of high-tech jobs but rather indicates the number of companies. He said his own investigation indicated that the number of high-tech jobs in Allegheny County constitutes only 4% of the total employment.

Mr. Schulhof said there seemed to be some discrepancy in the definition of "high-tech" companies. Therefore, it's not always understood exactly how broad the definition is in any particular study.



Mr. Body responded that the projects are derived from opportunities, e.g., funding opportunities. As an organization, it is important to seriously consider the priorities but also be realistic regarding what is possible.

Mr. Armstrong said that last year Brackenridge requested funding in the amount of one million dollars. The project was added to the list but given a low priority. Since that time, they completed the first phase of the project and reduced the funding request for the second phase. Therefore, local funding accomplished a lot and the project does directly affect Allegheny Ludlum and PPG Industries.

Sam Schulhof commented that this seemed to be an example of Goal #4 (Infrastructure Investment and Development) being the means to accomplish Goal #1 (Retention of Existing Industry Groups).

Sam Schulhof commented that training programs should be included in the proposed projects. He noted that information was needed for training needs.

Dr. Haley suggested that specific projects should be focused on priority goals. Joseph Hohman responded that this will be accomplished as the update proceeds. For example, the Business Innovation Center will support the retention of businesses.

Rick Armstrong stated that training programs will be prepared for the Mon Valley with the support of, and based on, the experience of the Bidwell Training Center.

Mr. Body asked that the committee review the projects, consider project priorities and be prepared to comment at the next meeting on June 9.

The meeting was adjourned at 9:45 A.M.

MINUTES OF THE MEETING OF THE  
ALLEGHENY COUNTY OVERALL ECONOMIC DEVELOPMENT PROGRAM COMMITTEE

June 9, 1988

8:00 A.M.

400 Fort Pitt Commons, Fourth Floor Conference Room

**ATTENDANCE:**

**Committee Members:** Joseph M. Hohman, Carol Weir, Matthew Mathews,  
Paul Nelson

**Staff Members:** Frederick H. Armstrong, Paul Body

**ABSENT:** Robert P. Argentine, Nancy Brown, David F. Figgins,  
Thomas Murphy, Raymond L. Reaves, Samuel Schulhof,  
Roger Wright, Leon Haley.

REVIEW AND PRIORITY DESIGNATION OF OEDP GOALS, 1988-1990

Rick Armstrong noted that a new priority listing of goals was prepared based on the comments of the Committee at the meeting on May 26, 1988. He presented the new priority draft and explained that Items #1 through 4 were the priority goals and Items #5 through 8 supported meeting those goals. Committee members were requested to submit their comments and priority listing to Paul Body.

REVIEW OF PRIORITY DESIGNATION OF PROGRAMS AND PROJECTS, 1988-1990

Rick Armstrong presented a listing of priority programs and projects, discussing the status of each project and indicating the basis of priority rating. Questions were raised on the environmental tower. Joe Hohman explained that in the talks about site clean-up R/UDAT architects suggested an ecological tower as a symbol of the clean-up of the site. Mr. Hohman also informed the committee of the Lysle Boulevard ribbon cutting scheduled today. Mr. Hohman further informed the committee of a press conference being held on Friday to announce the sale of the WABCO facility and that there may be an announcement within two weeks regarding the Westinghouse Electric plant. Further discussion followed regarding the Glassport, McKeesport, Westinghouse Air Brake and American Standard projects.

REVIEW OF TWO-YEAR DEVELOPMENT PROGRAM, 1988-1990

A detailed review and discussion of the two-year development program was held. The Committee agreed on the following changes and priorities of the draft:

- 1). List Goal 1, c 1,2 activities, (1) Business Innovation Center, Duquesne and (2) Southwestern Pennsylvania Industrial Resource Center also under Goal 2 b.
- 2). Goal 4 b 5 and Goal 9 a 1 replace Environmental Tower with Site Development.

- 3). Goal 3 c, include as Item 3, Pennsylvania Industrial Resource Center.
- 4). Goal 8 should be given significant priority in the future.
- 5). Mon Valley Regional Training Center may be located in the USX Duquesne site.

REVIEW OF THE ONE-YEAR IMPLEMENTATION PROGRAM, 1988-1989

The Goals and projects of the one-year program were reviewed and discussed. Mr. Mathews remarked that the visit to UPARC was most stimulating and an asset to understanding the project.

OEDP UPDATE 1988-1990

The indicated revisions and suggestions will be incorporated into the updated OEDP document, sent to all Committee Members and submitted to EDA for approval.

The meeting adjourned at 9:15 A.M.

APPENDIX 2. TABLES 1 -4

TABLE 1

UNEMPLOYMENT AND UNEMPLOYMENT RATES, UNITED STATES, PITTSBURGH SMSA AND ALLEGHENY COUNTY, 1960-1987

	<u>UNITED STATES</u>	<u>PITTSBURGH SMSA</u>	<u>ALLEGHENY COUNTY</u>
<u>TOTAL</u> <u>UNEMPLOYED</u>			
1960	3,900,000	65,553	40,372
1970	4,100,000	38,300	25,480
1980	7,600,000	75,430	43,400
1983	10,717,000	147,200	83,800
1984	8,539,000	111,500	65,700
1985	8,311,000	91,700	52,800
1986	8,237,000	76,100	45,100
1987	6,724,000	62,200	38,800
<u>UNEMPLOYMENT</u> <u>RATES</u>			
1960	5.5	7.1	6.1
1970	4.9	5.2	4.1
1980	7.1	7.4	7.1
1983	9.6	14.3	12.9
1984	7.5	11.4	10.5
1985	7.1	9.5	8.5
1986	6.9	7.9	7.2
1987	5.6	6.4	6.1

SOURCES: US Census of Population and Housing, 1960, 1970 and 1980, and U S Bureau of Labor Statistics.

TABLE 2

MANUFACTURING EMPLOYMENT, PITTSBURGH SMSA AND  
ALLEGHENY COUNTY, 1969-1987

<u>YEAR</u>	<u>PITTSBURGH SMSA</u>	<u>ALLEGHENY COUNTY</u>
1969	292,400	200,288
1974	266,000	170,052
1975	251,600	162,111
1978	251,500	153,502
1979	255,100	155,718
1980	241,600	155,180
1982	194,800	129,296
1983	166,900	110,200
1984	159,400	104,000
1985	150,000	96,229
1986	131,200	84,544
1987	128,200	83,836

SOURCES: US Bureau of Labor Statistics, Employment Hours and Earnings,  
States and Areas, 1939-1982

Pennsylvania Department of Labor and Industry

TABLE 3  
SUMMARY DATA ON ALLEGHENY COUNTY  
1960-1987

	<u>1960</u>	<u>1970</u>	<u>1980</u>	<u>1984</u>	<u>1987</u>	<u>% CHANGE SINCE 1980</u>
Total Population	1,628,587	1,605,133	1,450,085	1,409,829	1,373,600	- 5.3
Total Employment	492,858	554,125	615,600	570,300	594,900	- 3.4
Unemployment	40,372	25,480	43,400	65,700	38,800	-10.6
Unemployment Rate	6.1	4.1	7.0	10.5	6.1	
Manufacturing Emplo	196,589	200,288	155,180	101,683	83,836	-46.0
Non-Manufacturing Ent	296,269	357,676	460,420	468,167	511,064	11.0
Steel Employment	82,913		55,757	35,033	24,445	-56.2
% of Manufacturing t Total Employment	39.8	36.1	25.2	17.8	14.1	
Labor Force	617,985	617,086	664,678	638,975	633,700	- 4.7
Per Capita Income			7,984	10,258(1983)	11,454(1985)	

TABLE 4  
INDICATORS FOR SELECTED MONONGAHELA VALLEY MUNICIPALITIES

1960 - 1986

a. POPULATION, 1960 - 1986

	<u>1960</u>	<u>1970</u>	<u>1980</u>	<u>1982</u>	<u>1984</u>	<u>1986</u>	<u>% Change 1960-86</u>
. Braddock	12,337	8,795	5,634	5,265	5,018	4,680	-62.0
. Clairton	18,389	15,051	12,188	12,215	12,258	11,860	-35.5
. Dravosburg	3,458	2,916	2,511	2,459	2,444	2,320	-32.9
. Duquesne	15,019	11,410	10,094	9,877	9,872	9,410	-37.3
. East Pittsburgh	4,122	3,006	2,493	2,532	2,490	2,390	-42.0
. Glassport	8,418	7,450	6,242	6,054	5,930	5,680	-32.5
. Homestead	7,402	6,309	5,092	4,940	4,780	4,520	-38.9
. McKeesport	45,489	37,977	31,012	29,974	28,853	27,810	-40.2
. Munhall	17,312	16,674	14,532	14,235	14,095	13,660	-21.1
. North Braddock	13,204	10,838	8,711	8,510	8,290	7,940	-39.8
. Pitcairn	5,383	4,741	4,175	4,176	4,175	3,990	-25.9
. Port Vue	6,635	5,862	5,316	5,250	5,165	4,960	-25.2
. Rankin	5,164	3,817	2,892	2,751	2,658	2,520	-51.2
. Swissvale	15,089	13,821	11,345	11,301	11,402	11,160	-26.0
. Turtle Creek	10,607	8,308	6,959	6,865	6,709	6,490	-38.8
. Wall	1,493	1,265	989	944	989	990	-33.8
. West Homestead	4,155	3,789	3,128	2,985	2,901	2,730	-34.3
. West Mifflin	27,289	28,070	26,279	25,923	25,396	24,610	- 9.8
. Whitaker	2,130	1,697	1,615	1,593	1,564	1,500	-29.6
. Wilmerding	4,349	3,218	2,421	2,376	2,252	2,140	-50.8
TOTAL	227,544	195,014	163,628	160,225	157,151	150,730	-33.7







d. UNEMPLOYMENT RATE

	<u>1970</u>	<u>1980</u>
National Average	4.9	7.1
Allegheny County	4.1	7.2
Braddock	6.3	18.0
Clairton	5.0	11.1
Dravosburg	3.9	3.8
Duquesne	5.7	11.8
East Pittsburgh	3.5	6.8
Glassport	5.3	7.3
Homestead	5.7	13.9
McKeesport	5.5	12.0
Marhall	2.9	6.4
North Braddock	3.1	10.5
Pitcairn	5.2	5.9
Port Vue	4.5	7.5
Rankin	6.4	15.1
Swissvale	3.4	6.9
Turtle Creek	4.2	8.0
Wall	1.1	5.4
West Homestead	5.1	8.1
West Mifflin	3.9	7.5
Whitaker	6.6	6.1
Wilmerding	1.9	7.3

SOURCES: US Census, 1970, 1980