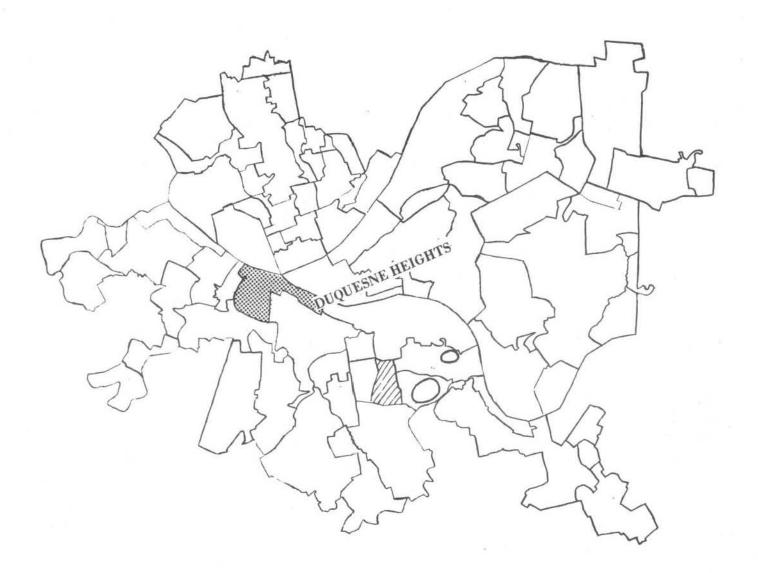
## An Atlas of the Duquesne Heights Neighborhood of Pittsburgh 1977



1209-D, Cathedral of Learning University of Pittsburgh Pittsburgh, Pennsylvania 15260 Phone: (412) 624-3465

# PITTSBURGH NEIGHBORHOOD ATLAS

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#### CONSULTANTS

University of Pittsburgh Center for Urban Research City Planning Department OZ SCHMIDT - Geography Dept., University of Pittsburgh JOHN YORIO - Highland Park

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#### INTRODUCTION

The Pittsburgh Neighborhood Alliance was formed in 1969 by a number of neighborhood organizations that were concerned with improving the city's neighborhoods and their relations with city government. The members of the Alliance recognized that in order to negotiate effectively with city government about such major concerns as public service needs, capital improvements and transportation, it was necessary to obtain accurate, up-to-date information about the neighborhoods. Unfortunately, this information was not available.

To remedy this situation, the Alliance developed its Pittsburgh Neighborhood Atlas project. First, the boundaries of the city's neighborhoods had to be determined. The Pittsburgh Neighborhood Atlas asked people attending community meetings to name and describe the boundaries of the neighborhoods in which they lived. This information was also provided by an Atlas-initiated survey. Responses from every voting district of the city were analyzed to assure citizen involvement at the neighborhood level. Seventy-eight neighborhoods were thus identified, each made up of one or more whole voting districts in order to comply with provisions in Pittsburgh's home rule charter relating to the election of community advisory boards.

The Atlas then gathered a body of useful and up-to-date information for every neighborhood. It is the beginning of a neighborhood information system that more closely reflects neighborhood boundaries as defined by residents instead of by public officials. In the past, statistics about sections of the city have been based on information published for relatively large areas such as census tracts. For the atlas, much of the material describing neighborhood characteristics came from figures compiled for smaller areas: voting districts or census blocks. As a result, detailed information is now available for neighborhoods whose boundaries differ substantially from census tract boundaries.

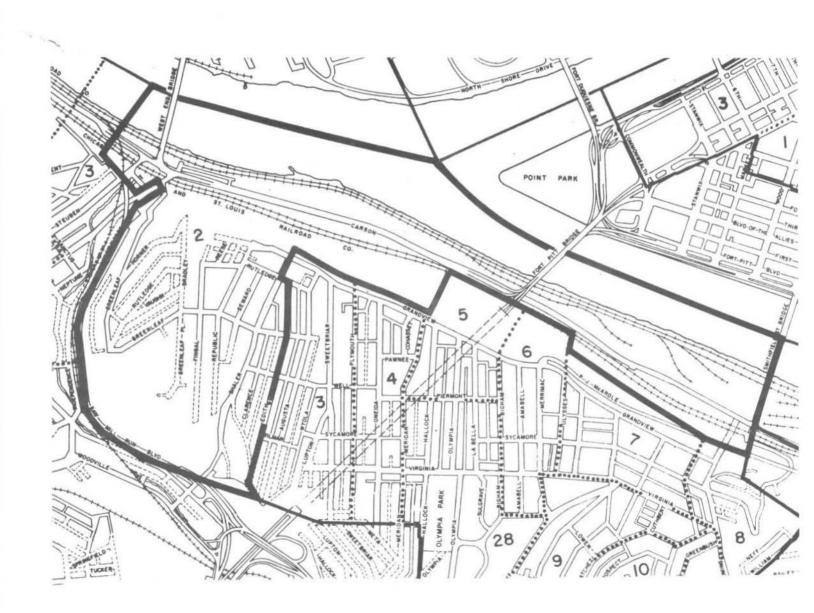
The information in this atlas provides an insight into current neighborhood conditions and the direction in which the neighborhood is moving. The best indicators showing the health of the neighborhood are provided by citizen satisfaction with the neighborhood, and changes in residential real estate transaction prices. Comparison of these statistics to those for the entire city provide a basis to begin understanding issues of neighborhood stability. In the years to come, as additional data are gathered for each of these indicators, trends will become more obvious.

It is important to recognize that neighborhood change is a complex process and that one indicator by itself may not be useful. Neighborhoods may be healthy regardless of their level of income, and therefore income-related statistics may not be useful guides by themselves. Neighborhoods must be viewed over time in terms of relative changes compared to the city as a whole, and any analysis of neighborhood conditions must focus upon all of the data in order to provide a comprehensive understanding.

To learn about specific sections of the neighborhood, figures by individual voting district or census tract may be obtained. Additional information on the neighborhood or the information system is available through the Center for Urban Research of the University of Pittsburgh, which has made an outstanding contribution to the development of this atlas.

#### NEIGHBORHOOD DESCRIPTION

Duquesne Heights is approximately 1.2 miles south of downtown. It is estimated to be 378.8 acres in size, containing 1.1% of the city's land and 0.6% of its 1974 population. The voting districts in the neighborhood are #2 and #3, Ward 19. (See Appendix for a listing of the neighborhood's census tracts.)



#### NEIGHBORHOOD HISTORY DUQUESNE HEIGHTS

Duquesne Heights is the downriver part of "Coal Hill", the upriver section known as Mount Washington. The name derives from Fort Duquesne, the French outpost built at the Point in 1754. This encampment had been named in honor of the Marquis Duquesne, French colonial governor.

Duquesne Heights was annexed to Pittsburgh in 1872. Inclines built in 1870 and 1877 made the Heights more accessible to settlement. Immigrants - initially German, later Italian - settled there. The Duquesne Heights Maennerchor, a German singing group, formed in 1893 at the home of George Klinze.

The Duquesne Heights Incline, designed and built by Samuel Diescher, ascends from West Carson Street to Grandview Avenue. The fourth incline in the city, it cost \$47,000 and was completed in the mid-1870's. The original structure, partly of wood and partly of iron, was rebuilt of iron in 1888.

In 1962, the Duquesne Incline Company, deciding that needed repairs were too expensive, sold the incline to the Society for the Preservation of the Duquesne Heights, Incorporated. The Port Authority of Allegheny County took possession of the property the following year. PAT leases the incline to the society for \$1.00, with the society taking the responsibility for the incline's restoration to its original condition and its continuing operation.

#### DUQUESNE HEIGHTS

#### Summary Statistics

	Neighborhood	Pittsburgh
Population (1974)	2,673	479,276
% Change (1970-1974)	+5%	-8%
Black population (1970)	3%	20%
Housing units (1974)	861	166,625
% Vacant	5%	6%
% Owner-occupied housing units (1974)	72%	54%
Average sales price of owner-occupied dwellings (1975)	* \$14,011	\$23,518
% Residential real estate transactions with mortgages provided by financial		
institutions (1975)	60%	59%
Crime rate (1975)	0.032	0.053
% Satisfied with neighborhood (1976)	46%	41%
Major neighborhood problems (1976)	Poor roads Dog litter	Poor roads Dog litter Burglary

#### CITIZEN SURVEY

The purpose of the citizen survey was to obtain attitudes about the quality of the neighborhood environment. Citizens were asked to respond to questions concerning the neighborhood as a whole, neighborhood problems, and public services. The attitudinal data, heretofore not available, are key indicators of the relative health of the neighborhood. By specifying neighborhood problems or public service needs, the information may be a useful guide for public investment or service delivery decisions.

The city-wide survey was mailed to a randomly selected sample of registered voters. Of approximately 35,000 households contacted, 9,767 responded. The sample provides a 5% response rate for each of the city's 423 voting districts. (See Appendix for a profile of the respondents as well as for statistics on voter registration.)

## I. Neighborhood Satisfaction

Duquesne Heights residents are generally more satisfied with their neighborhood than residents city-wide. Table 1 shows that 46% of the citizens responding to the survey were satisfied with their neighborhood compared to 41% in all city neighborhoods. When asked to state whether the neighborhood is better or worse than two years ago, 14% said that it was better which exceeded the city-wide response of 12%. Given the opportunity to move from the neighborhood, 52% said they would continue to live there compared to a response of 45% for the city as a whole. The responses to these satisfaction questions indicate a more positive attitude of residents toward their neighborhood compared to citizens city-wide.

#### TABLE 1

Neighborhood Satisfaction Duquesne Heights

Question 1: Generally, how satisfied are you with conditions in this neighborhood?

	Satisfied (%)	Dissatisfied (%)	Neither (%)
Duquesne Heights	46	24	28
All neighborhoods	41	37	21

Question 2: Do you think this neighborhood has gotten better or worse over the past two years?

	Better (%)	Worse (%)	Not Changed (%)
Duquesne Heights	14	50	36
All neighborhoods	12	49	36

Question 3: If you had your choice of where to live, would you continue living in this neighborhood?

	Yes (%)	No (%)	Not Sure (%)
Duquesne Heights	52	22	16
All neighborhoods	45	32	18

SOURCE: Citizen Survey, 1976.

Note: The percent responses to each question do not add up to 100%. The difference is accounted for by the following: "don't know", "unable to evaluate" or no answer.

## II. Neighborhood Problems

In order to identify specific neighborhood problems, residents were asked to consider twelve problems usually associated with urban communities and rate them for the neighborhood. Table 2 compares the problem ratings of the respondents from Duquesne Heights to those from all city neighborhoods. Areas of particular concern for the neighborhood include poor roads and dog litter.

#### III. Satisfaction with Public Services

Table 3 shows the satisfaction of Duquesne Heights residents with their public services and compares the responses to data for all city neighborhoods. City-wide, residents are least satisfied with street and alley maintenance. Duquesne Heights residents are more satisfied with respect to the fire department and garbage collection, and less satisfied with respect to public transportation and street and alley maintenance.

The Citizen Survey also asked the respondents to list the services with which they were the least satisfied and to explain the reasons for their dissatisfaction. Residents from Duquesne Heights gave the greatest number of reasons for dissatisfaction to the services listed below. Included is a summary of the major reasons for their dissatisfaction.

- Street and alley maintenance: Need better street repair and maintenance program; problems with potholes; poor quality of street cleaning services.
  - Public Transportation: Need more efficient transportation system; need better bus scheduling; need additional routes to serve the neighborhood.
  - Parks and Recreation: Lack of recreational facilities in neighborhood; existing facilities are obsolete; in need of repair; need more recreational equipment.

TABLE 2 Neighborhood Problems Duquesne Heights

Pro	blem Category		Prob1	em Rat	ing - Perce	nt Res	ponse
_		]	Not a		Minor or	В	ig or
		P	roblem		Moderate		Serious
1.	Unsafe streets						
	Duquesne Heights		34		52		. 4
	All neighborhoods	9	25		45		21
2.	Vandalism						
	Duquesne Heights		14		68		12
	All neighborhoods		13		49		28
3.	Rats						
	Duquesne Heights		32		46		4
	All neighborhoods		34		33		12
4.	Burglary						
	Duquesne Heights		28		46		16
	All neighborhoods		14		44		29
5.	Poor roads						
6	Duquesne Heights		14		46		32
	All neighborhoods		17		41		33
6.	Trash and litter						
	Duquesne Heights		28	3	48		20
	All neighborhoods		27		41		24
7.	Vacant buildings						
	Duquesne Heights		54		28		12
	All neighborhoods		49		24		13
8.	Undesirable people moving into						
	the neighborhood		(0.072%)		055-15-		92
	Duquesne Heights		50		34		6
	All neighborhoods		42		28	-6	18
9.	Stray dogs						
	Duquesne Heights		26		46		26
	All neighborhoods		25		38		18
LO.	Dog litter						5-a
	Duquesne Heights		22		38		32
	All neighborhoods		21		38		32

SOURCE: Citizen Survey, 1976.

NOTE: The neighborhood percentages do not add up to 100%. The difference is accounted for by the following responses: "don't know", "unable to evaluate" or no answer. The problem categories of alcoholism and drug abuse are not included in the table because the response rates to these questions were low.

TABLE 3
Satisfaction with Public Services
Duquesne Heights

Service		Pero	Percent Response			
		Satisfied	Neither	Dissatisfied		
1.	Parks and Recreation					
	Duquesne Heights	48	22	24		
	All neighborhoods	51	15	23		
2.	Schools	*				
	Duquesne Heights	- 70	8	6		
	All neighborhoods	46	12	21		
3.	Street Maintenance					
	Duquesne Heights	26	22	52		
	All neighborhoods	32	15	49		
4.	Alley Maintenance					
	Duquesne Heights	26	16	44		
	All neighborhoods	20	13	39		
5.	Garbage Collection					
٥.	Duquesne Heights	78	12	6		
	All neighborhoods	74	10	13		
6.	Police					
35.77	Duquesne Heights	54	18	20		
	All neighborhoods	51	17	23		
7.	Public Transportation					
	Duquesne Heights	30	4	58		
	All neighborhoods	61	11	23		
8.	Fire Department					
	Duquesne Heights	88	4	2		
	All neighborhoods	78	7	3		
9.	Sewage System					
	Duquesne Heights	66	12	8		
	All neighborhoods	63	10	13		
.0.	Condition and Cost of Housing					
	Duquesne Heights	52	12	18		
	All neighborhoods	44	17	22		

SOURCE: Citizen Survey, 1976.

NOTE: The percent responses to each question do not add up to 100%. The difference is accounted for by the following: "don't know", "unable to evaluate" or no answer. Public health and mental health/retardation services are not included in the table because the response rates to these questions were low.

#### CRIME RATE

The crime rate for major crimes has increased over the last three years (Table 4). In 1973 the number of major crimes per capita was .018 compared to .032 in 1975. The crime rate in the neighborhood was less than the city per capita rate of .053 in 1975.

TABLE 4

Crime Rate: Major Crimes

Duquesne Heights

	Major Crimes	Crime	Rate
Year	Number	Neighborhood	Pittsburgh
1973	48	.018	.043
1974	61	.023	.047
1975	86	.032	.053

SOURCE: City of Pittsburgh, Bureau of Police.

NOTE: Major crimes are murder, rape, robbery, assault, burglary and theft. The neighborhood crime rate is computed by dividing the number of crimes committed in the neighborhood by its adjusted population for 1974.

#### THE PEOPLE

Table 5 and Table 6 present data on the characteristics of the neighborhood population and compare them to city-wide statistics.

In 1974, the population of Duquesne Heights was estimated to be 2,673, up by 5% since 1970. This compares to a city-wide population decline of 8% during the same period. Information on the racial composition of the neighborhood is not available for 1974; however, the number of Black households in the neighborhood decreased during the decade of the sixties, and the Black popul tion was 2.6% of the neighborhood's population in 1970, compared to 20.2% for the city.

The average household size in the neighborhood was 2.96 persons in 1974, down from 1970. The percentage of the population 65 years and older was 11.4% in 1970, compared to 13.5% for the city as a whole.

TABLE 5

Population and Housing Characteristics, 1970 and 1974

Duquesne Heights

	Neighborhood		Pittsburgh	
	1970	1974	1970	1974
Population				
% Black	2.6%		20.2%	
% 65 years and over	11.4%		13.5%	
Households				
% One-person households	15.9%	20.3%	25.4%	25.5
% Retired head-of-household		24.8%		26.3
% Households with children		37.6%		32.75
% Female head-of-household				
with children		5.4%		6.4
% In owner-occupied housing unit	75.3%	71.6%	50.3%	54.2
% Households changing place of				
residence within past year		19.6%		27.0
Average household size	3.20	2.96	2.82	2.67

SOURCES: U. S. Census (1970) and R. L. Polk & Co. (1974).

NOTE: Dotted lines (....) indicate data unavailable for that year.

The turnover rate of households in the neighborhood is less than that for all of the city's neighborhoods. During 1973, 19.6% of the households in the neighborhood changed their place of residence compared to a rate of 27.0% for the city. (The figures represent households who have moved within the neighborhood or city as well as those moving into or out of the neighborhood or city.)

Female-headed households with children in 1974 comprised 5.4% of the total households in the neighborhood compared to 6.4% for the city as a whole. In 1974, one-person households consisted of 20.3% of the total households in the neighborhood compared to 25.5% city-wide and to 15.9% for the neighborhood in 1970.

TABLE 6
Neighborhood Change: 1960-1970 and 1970-1974
Duguesne Heights

	Number	Percent	Change
	Neighborhood	Neighborhood	Pittsburgh
Population			
1960	2,929		
1970	2,549	-13	-14
1974	2,673	+ 5	- 8
Households <sup>1</sup>			
1960	817		
1970	790	- 3	- 6
1974	811	+ 3	-12
Black Households <sup>2</sup>			
1960	21		
1970	. 19	-10	+15
1974	(Not available)	)	
Housing Units			
1960	861		
1970	826	- 4	- 3
1974	861	+ 4	-12

SOURCES: U. S. Census (1960; 1970) and R. L. Polk & Co. (1974),

NOTE: The population figures reported by Polk are adjusted to account for underreporting. Population includes persons living in institutions and other group
quarters, such as nursing homes, dormitories or jails. Differences in the population, household, or housing unit count between 1970 and 1974 are due primarily
to changes occurring in the neighborhood. A small percentage of the difference
may be accounted for, however, by variations in data gathering techniques. Census statistics were compiled from information provided by all city households
answering a standard questionnaire either by mail or interview on or about April 1,
1970. R. L. Polk collected its information by a door-to-door survey carried out
over a period of several months. (See Appendix.)

<sup>&</sup>lt;sup>1</sup>The number of occupied housing units equals the number of households.

<sup>&</sup>lt;sup>2</sup>Non-white households in 1960.

#### NEIGHBORHOOD INCOME

The average family income in the neighborhood for the year 1969 could not be calculated; however, the average family income for census tract #1901, of which Duquesne Heights is a part, was \$9,700, 92% of the city average. R. L. Polk and Company computes an income index for each city census tract. In 1974, the income index for census tract #1901 was the same as the figure for the city as a whole. It is derived from the occupation of heads of households living within the census tract.

Table 7 shows the number of neighborhood households receiving cash grants in 1974, 1975 and 1976 under the public assistance program of the Pennsylvania Department of Welfare. Public assistance in the form of food stamps, Medicaid and various social services are also available to these households, as well as to other households in need. Public assistance payments were made to 8.9% of the neighborhood households in 1976, a lower proportion than for the city overall and an increase since 1974.

TABLE 7

Public Assistance: Households Receiving Cash Grants
Duquesne Heights

	Neighl	borhood	Pittsburgh
Year	Number	Percent	Percent
1974	59	7.3	16.0
1975	68	8.4	17.2
1976	72	8.9	18.0

SOURCE: Allegheny County Board of Assistance.

NOTE: The percentages are based on 1974 Polk households. Only households receiving cash grants under Aid to Dependent Children, Aid to Dependent Children-Unemployed Parent, General Assistance, and the State Blind Pension programs are tabulated. The count is of those on assistance as of April 5, 1974, February 28, 1975 and February 27, 1976; households whose grants were terminated between reporting dates are not included.

## HOUSING

Table 6 shows that the number of housing units in Duquesne Heights decreased during the decade of the sixties and increased from 1970 to 1974. Of the occupied housing units in the neighborhood, 71.6% were owner-occupied in 1974 compared to a city-wide rate of 54.2%. The vacancy rate in 1974 for the neighborhood was 5.2% which was less than the city-wide rate.

The average value of owner-occupied housing in the neighborhood was \$10,600 in 1970, compared to a city-wide average of \$14,800.

TABLE 8
Housing Characteristics: 1970 and 1974
Duquesne Heights

	Neighb	orhood	Pitts	burgh
	1970	1974	1970	1974
Housing units				
% Vacant	4.4	5.2	6.2	6.2
% One-unit structures	81.7		52.9	
Occupied housing units				
% Owner-occupied	75.3	71.6	50.3	54.2
Average value: owner- occupied units <sup>1</sup>	\$10,600		\$14,800	

SOURCES: U. S. Census (1970) and R. L. Polk & Co. (1974).

<sup>1</sup> Average value rounded to nearest one hundred dollars.

#### REAL ESTATE AND MORTGAGE LOAN TRANSACTIONS

The average sales price of owner-occupied housing was \$14,011 in 1975. (See Table 9.) Although the average price was less than the citywide average, the implications of this divergence are difficult to judge because of variations in the quality and size of the structures among city neighborhoods. As additional data are obtained, however, the trend in real estate prices for the neighborhood can be compared to the trend for the city as a whole in order to determine relative differences.

In order to evaluate the extent to which private lenders are involved in the neighborhood, the number of mortgage loans made on residential property each year must be divided by the number of residential real estate transactions for that year. The percentage of residential real estate transactions financed through financial institutions was 60% in 1975 in Duquesne Heights compared to a city-wide rate of 59%. The implications of the difference between the two rates are difficult to discern because of variations in risk factors and income levels among city neighborhoods. However, as additional data become available, trends in lending activity within the neighborhood compared to other neighborhoods or to the city as a whole can be assessed.

TABLE 9

Real Estate and Mortgage Loan Statistics
Duquesne Heights

	Neighborhood	Pittsburgh
Average sales price: owner-occupied dwellings		
1974	\$12,905	\$21,582
1975	\$14,011	\$23,518
Number of residential mortgages		
1973	19	
1974	18	
1975	13	
% Residential real estate transactions with		
mortgages provided by financial institutions	0.000	1000
1974	67%	58%
1975	60%	59%

SOURCE: City of Pittsburgh, Department of City Planning.

#### APPENDIX

- a. <u>Data Sources</u>: Information for the atlas was obtained from the 1960 and 1970 U. S. Census of Population and Housing; R. L. Polk and Company's "Profiles of Change" for Pittsburgh in 1974; Pittsburgh's Department of City Planning and Bureau of Police; the Allegheny County Board of Assistance, and Department of Elections and Voter Registration; Southwestern Pennsylvania Regional Planning Commission; and the Citizen Survey conducted by the Pittsburgh Neighborhood Atlas.
- b. Neighborhood Census Tracts: The census tract is part of 1901.
- c. <u>Methodology</u>: The opinions and characteristics of the survey respondents as well as voter registration, were recorded by voting district and then compiled for Duquesne Heights by the Pittsburgh Neighborhood Atlas in conjunction with the Center for Urban Research, University of Pittsburgh. Other material in the atlas was drawn from statistics tabulated for city census tracts or census blocks.

The neighborhood boundaries, which were determined on the basis of whole voting districts, do not conform exactly to census tract boundaries, so minor boundary adjustments were made wherever possible to simplify data collection efforts. In Duquesne Heights and in other parts of the city where substantial portions of a census tract fall in more than one neighborhood, the neighborhood characteristics for 1960 and 1970 were arrived at by adding together data for the census blocks in the neighborhood, item by item. The statistics from sources other than the U. S. Census were made available only by census tract, not by census block; therefore, a method for prorating the data among neighborhoods was developed. The procedure allocated data for each neighborhood containing partial census tracts on the basis of the proportion of total tract population, households or housing units contained in each sub-section.

To compensate for under-reporting, the 1974 figure for the neighborhood population has been increased by 1.11, a factor that was derived from the U. S. Bureau of the Census 1973 population estimate for Pittsburgh. An additional adjustment has been made where applicable, since Polk and Co. does not count persons living in institutions or other group quarters. To arrive at the total estimated population for 1974, neighborhood population was further increased by adding the number of persons in group quarters for the neighborhood according to the 1970 Census.

d. Characteristics of the Sample: In Duquesne Heights, 50 citizens answered the questionnaires. Based on the number of replies to each question, the characteristics of the respondents can be generally described as follows: an average age of 48; 59% female, 0% Black; 71% with at least four years of high school education; 71% homeowners; and an average of 24 years in the neighborhood. The median household income falls in the range of \$10,000 to \$14,999; the average household size is 3.68 persons; and 49% of the households have no members under 18 years old living in the home.

The total sample (all respondents to the survey) was over-represented by homeowners (68% compared to 50% for Pittsburgh in 1970) and under-represented by Blacks (14% compared to a city Black population of 20% in 1970).

e. <u>Voter Registration</u>: In November, 1976, 1,163 residents of the neighborhood were registered to vote, a decrease of 20 (-1.7%) since November, 1975. In this period, city registration increased by 1.3% to 233,028 persons.