

## Chapter 2: Population and Demographics

It is important to review the demographic makeup of an area in order to understand its past development as well as prospects for future growth. There are numerous variables to consider, including age, gender, race and ethnicity, household characteristics, education, and income factors. Also, it is important to review both the static “snap shot” of how the Township looks as recently as possible, as well as the dynamic patterns of change over the past.

The likely change in the size and characteristics of the resident population will help project future demand for Township and other public services, as well as the need for new housing, acreage for development, and related infrastructure.

### Population and Change over Time

The 2000 Census indicated Shawnee Township’s population (not including the Village of Fort Shawnee) to be 8,365. This represents 7.7 percent of Allen County’s total population of 108,473. As is typical of most geographic areas, the history of the Township is one of growth and decline over time, with no general, observable trend over any long period. The following table captures the comparative growth of the Township in recent decades:

Political Subdivision	1960	1970	1980	1990	2000	Percent Change
Allen County	103,691	111,144	112,241	109,755	108,473	4.6
City of Lima	51,037	53,734	47,381	45,549	41,578	-18.5
City of Delphos	6,960	7,608	7,314	7,093	6,944	-0.3
American Twp.	9,184	8,766	11,476	10,921	12,108	31.8
Bath Twp.	8,307	9,323	10,433	10,105	9,819	18.2
Perry Twp.	4,206	3,751	3,586	3,577	3,620	-14.0
Shawnee Twp.*	9,658	8,345	7,803	8,005	8,365	0.2
Amanda Twp.	1,217	1,498	1,769	1,773	1,913	57.2
Auglaize Twp.	1,740	1,940	2,042	2,241	2,359	35.5
Jackson Twp.	1,523	1,761	2,214	2,288	2,632	72.8
Marion Twp.	2,222	2,644	2,734	2,775	2,845	28.0
Monroe Twp.	1,386	1,490	1,621	1,622	1,720	24.0
Richland Twp.	1,530	1,515	1,628	1,821	2,015	31.7
Spencer Twp.	883	960	925	832	870	-1.5
Sugar Creek Twp.	1,166	1,209	1,242	1,311	1,330	14.0

\* Annexation during 1960s by creation of Fort Shawnee.

The table indicates a loss of population during the 1970's, followed by slow and steady growth over the following 20 years, resulting in a 2000 population total that was equivalent to the 1970 total. Most recently, the Township's population increased by 4.6 percent from 1990 to 2000, with an additional 360 residents. This followed a smaller increase, by 202 (or 2.6 percent), between the 1980 and 1990 Census.

Only two other townships (Perry and Spencer) showed a decline in population over the 1970's; both have subsequently experienced a slight increase, but have not regained their 1970 total. American Township, to the immediate north, has experienced a significant uptick, by 18.5 percent, in the 1970's, and it has also felt a similar growth spurt over the 1990's, with a 13 percent increase to 12,108 persons, making it the county's largest township. After American and Bath (with 9,819 persons) Townships, Shawnee holds on as the third largest in the County.

In a larger context, while Shawnee Township has held steady since 1970, Allen County as a whole has shed 2,389 persons, and the neighboring City of Lima has lost 12,156 residents since 1970. Thus, Shawnee Township is "holding its own" within a climate of overall slight population loss.

Looking at the period from 1970 to 2000, the following population changes occurred:

- ✓ For **Ohio**, a **6.5% increase**, from 10,652,017 to 11,353,140.
- ✓ For **Allen County**, a **2.56% decrease**, from 111,144 to 108,473.
- ✓ For the **City of Lima**, a **22.7% decrease**, from 53,734 to 41,578.
- ✓ For **Shawnee Township**, a **2.4% increase**, from 8,345 to 8,365.

In some senses, these numbers point to a likely pattern of sprawl into Shawnee Township, especially during the 1970's, as residents sought a more suburban and rural lifestyle.

### Age and Gender

A review of population by age helps suggest levels of certain needs for public services, such as school enrollment, and services for elderly residents such as medical care and EMS service. This analysis can also point toward a need for differing housing types, to allow residents to remain within their community, but in more livable housing units, as they age.

Table 2-2 (on the next page) presents an age cohort analysis for Shawnee Township. The table breaks down the population by age and gender. The bottom portion of the table compares the Township's age classifications along with those of Allen County and Ohio. This comparison reveals a slightly smaller proportion of pre-school children, and a very similar – but slightly higher – proportion of school-age (5 to 19 years old) children and youth.

One unfortunate finding is that the proportion of young adults, aged 20 to 34, is much less than the equivalent percentages for the county and state, fully six percent lower than the county and seven less than the state. While this difference points to a large out-migration of

young adults after completing high school, one reason is the relatively large number of high school graduates who likely leave the area to attend college, then seek an out-of-town career.

This loss of young adults is offset by a five percent or greater disparity in the older, working age population aged 35-64. The Township’s percentage of people in this cohort is significantly higher than the State or County incidence.

Finally, the Township’s proportion of elderly (aged 65 and over) is in line with the County’s portion, and slightly higher than the State’s percentage (14.8 vs. 13.1 percent).

The overall impact is a significantly older median age within the Township, at 40.6 years, than at the County (36.3) or State (36.2) levels. This median age has increased greatly in just ten years. The median age for Shawnee Township reported in the 1990 Census was 35.9 years (at which time Allen County’s was 33.0 and Ohio’s was 33.3).

**TABLE 2-2  
SHAWNEE TOWNSHIP POPULATION BY AGE COHORTS & GENDER**

Cohort	Male	Percent	Female	Percent	Total	% Total
< 5	217	2.6	223	2.7	440	5.3
5-9	287	3.4	311	3.7	598	7.2
10-14	367	4.4	346	4.1	713	8.5
15-19	317	3.8	309	3.7	626	7.5
20-24	139	1.7	153	1.8	292	3.5
25-29	142	1.7	154	1.8	296	3.5
30-34	227	2.7	239	2.9	466	5.6
35-39	263	3.1	313	3.7	576	6.9
40-44	347	4.1	331	4.0	678	8.1
45-49	361	4.3	370	4.4	731	8.7
50-54	356	4.3	360	4.3	716	8.6
55-59	271	3.2	283	3.4	554	6.6
60-64	218	2.6	225	2.7	443	5.3
65-69	174	2.1	179	2.1	353	4.2
70-74	149	1.8	137	1.6	286	3.4
75-79	105	1.3	170	2.0	275	3.3
80-84	67	0.8	112	1.3	179	2.1
85+	36	0.4	107	1.3	143	1.7
Totals	4,043	48.3	4,322	51.7	8,365	100.0

Age Cohort	Ohio #	Ohio %	Allen #	Allen %	Shawnee #	Shawnee %
Under 5	754,930	6.6	7,258	6.7	440	5.3
5 -19	2,461,025	21.7	24,500	22.6	1,937	23.2
20-34	2,248,822	19.8	20,305	18.7	1,054	12.6
35-64	4,380,606	38.6	40,954	37.8	3,698	44.2
65 and over	1,507,757	13.3	15,366	14.2	1,236	14.8
<b>Median Age:</b>	36.2		36.3		40.6	

## Households

In general throughout the United States, the number of households has increased at a greater rate than population. This is caused by the shrinking of average household sizes throughout the country. Shawnee Township is no exception to this occurrence, as shown in Table 2-3.

Political Subdivision	Year 2000 - Total Households	Year 2000 - Average Household Size	Year 1990 - Total Households	Year 1990 - Average Household Size	Total Households- % Change
Amanda Township	684	2.76	605	2.93	13.06
American Township	4,933	2.38	4,165	2.59	18.44
* Village of Elida	698	2.75	527	2.82	32.45
Auglaize Township	843	2.79	770	2.91	9.48
* Village of Harrod	173	2.84	182	2.95	-4.95
Bath Township	3,815	2.54	3,718	2.72	2.61
City of Lima	15,410	2.42	16,311	2.79	-5.52
Jackson Township	956	2.78	771	2.97	23.99
* Village of Lafayette	118	2.58	160	2.81	-26.25
Marion Township	966	2.83	1,245	3.14	-22.41
* City of Delphos	2,717	2.52	2,650	2.68	2.53
Monroe Township	607	2.74	559	2.90	8.59
* Village of Cairo	181	2.76	169	2.80	7.10
Perry Township	1,417	2.50	1,300	2.75	9.00
Richland Township	685	3.10	594	2.92	15.32
* Village of Beaverdam	140	2.54	164	2.85	-14.63
* Village of Bluffton	1,329	2.32	1,173	2.87	13.30
Shawnee Township	3,097	2.63	2,818	2.78	9.90
* Village of Fort Shawnee	1,524	2.53	1,555	2.65	-1.99
Spencer Township	304	2.86	291	2.86	4.47
* Village of Spencerville	845	2.54	841	2.72	0.48
Sugar Creek Township	476	2.79	453	2.89	5.08
Allen County	40,646	2.52	39,408	2.66	3.14%
Ohio	4,445,773	2.49	4,087,546	2.59	8.76%

Shawnee Township experienced a nearly ten-percent (9.9%) increase in the number of households over the 1990's, a much greater increase than experienced county-wide (3.14%), and equivalent to the state average of 8.76 percent. Indeed, average household size has shrunk in the Township, following the national trend, but it has remained somewhat larger than the county or state averages. This indicates a somewhat greater incidence of families with children in the township. However, in terms of household size, Shawnee ranked ninth among the county's twelve townships.

The number of households within the Village of Fort Shawnee, which are counted separately from the Township's here, actually decreased slightly, from 1,555 to 1,524 households. Assuming the trend toward smaller household size continues, the implications of such a trend, with more two- and single-person households, and changing needs for housing size and type, should be analyzed.

### Families

The U.S. Census defines families differently than households: A family consists of a group of two or more people who reside together and are related by birth, marriage or adoption. In Shawnee Township, the number of families increased by a modest 1.74 percent over the 1990's, from 3,499 to 3,560, with average family size shrinking from 3.11 to 2.99 persons.

County-wide, the number of families actually decreased by 2.6 percent, from 28,973 to 28,213, and its comparatively larger average family size diminished from 3.16 to 3.05. Statewide, the number of families increased by 3.38 percent, and family size decreased from 3.12 to 3.04 persons. Thus, Shawnee Township experienced a slight growth within a county that experienced a net loss, but the rate of growth, at 1.74 percent, was about half the state's growth rate.

### Household, Family, and Per Capital Income

Table 2-4 presents the three most commonly used measures of income for Shawnee Township, Ohio, and Allen County. These income figures are derived from the 1990 and 2000 Censuses, where information was actually gathered in 1989 and 1999 respectively.

<b>TABLE 2-4 COMPARATIVE INCOME MEASURES BY DECENNIAL CENSUS</b>					
<b>Income: By Type &amp; Year</b>	<b>Shawnee Township</b>	<b>Ohio</b>	<b>Allen County</b>	<b>Shawnee Township as % of Allen County</b>	<b>Shawnee Township as % of Ohio</b>
<b>2000</b>					
Median Household	\$57,039	\$40,956	\$37,048	153.9	139.3
Median Family	\$62,950	\$50,037	\$44,723	125.8	125.8
Per capita	\$27,108	\$21,003	\$17,511	129.0	129.0
<b>1990</b>					
Median Household	\$43,040	\$28,076	\$27,166	158.4	153.2
Median Family	\$47,463	\$34,351	\$32,513	145.9	138.1
Per capita	\$19,951	\$13,461	\$11,830	168.6	148.2

By all three measures, Shawnee Township's median or per capita income is roughly between one-third and one-half greater than that for Allen County as a whole, and also much greater than Ohio's. The ratio of the Township's income to that of the County remained about equal from 1990 to 2000. However, compared with the State, the Township lost a little ground by all three measures, with median household income dropping by nine percentage points, median family income by nearly eight, and per capita income by over thirteen

percentage points. However, the Township remained well above the State as a whole in all three categories.

The Township’s median household income grew by 36.6 percent over the 1990’s, a somewhat slower pace than Ohio’s 45.9 percent, but very close to Allen County’s overall increase of 36.4 percent.

Table 2-5 offers a more detailed breakdown of household income. The top half breaks out households, families, and non-family households by income level. As is typical, families generally fare better than non-family households, which typically consist of single persons living alone.

Income Range	Household		Families		Non Family Household	
	Number	Percent	Number	Percent	Number	Percent
Less than \$10,000	124	4.1	70	2.9	53	13.3
\$10,000 - \$14,999	104	3.4	46	1.9	49	12.3
\$15,000 - \$24,999	236	7.8	141	5.8	80	20.1
\$25,000 - \$34,999	325	10.7	188	7.8	69	17.3
\$35,000 - \$49,999	476	15.7	388	16.0	84	21.1
\$50,000 - \$74,999	723	23.8	632	26.1	34	8.5
\$75,000 - \$99,999	483	15.9	447	18.4	33	8.3
\$100,000 - \$149,999	341	11.2	305	12.6	5	1.3
\$150,000 - \$199,999	62	2.0	52	2.1	0	0.0
\$200,000 or more	166	5.5	156	6.4	0	0.0
Totals	3,040	100.0	2,425	100.0	399	100.0

Household Income...	% Shawnee	% Allen	% Ohio
Less than \$10,000	4.1	10.9	9.1
\$10,000 - \$14,999	3.4	7.4	6.4
\$15,000 - \$24,999	7.8	14.4	13.4
\$25,000 - \$34,999	10.7	14.5	13.6
\$35,000 - \$49,999	15.7	17.9	17.3
\$50,000 - \$74,999	23.8	19.8	20.4
\$75,000 - \$99,999	15.9	8.4	10.0
\$100,000 - \$149,999	11.2	4.9	6.5
\$150,000 - \$199,999	2.0	0.6	1.6
\$200,000 or more	5.5	1.1	1.7
Totals	100.0	100.0	100.0

Households with less than \$15,000 income accounted for 7.5 percent of all households in Shawnee Township. This compares to only 4.8 percent of families, but 25.6 percent of non-family households, making less than that amount.

Among households, distribution by income level appears to generally follow a bell curve, with the largest percentage (23.8%) of households in the \$50-74,999 range, followed by 15.9

percent between \$75,000 and \$99,999, and a nearly matching 15.7 percent at \$35,000-49,999. Over eighteen percent of households (18.7%) earned six figures in the 2000 Census.

The bottom portion of Table 2-5 compares the distribution of income between the Township, Allen County, and Ohio. One can conclude that Shawnee Township households are, on average, wealthier than are households throughout Allen County and Ohio. Within the Township, 15.3 percent of households earned less than \$25,000, while the percentages for the county and state were 32.7 and 28.9 percent, respectively. At the other end of the income spectrum, 34.6 percent of Township households claimed income of \$75,000 or greater, while the comparative totals for the County and State were 15.0 and 19.8 percent, respectively.

**Persons and Families in Poverty**

Data from the 2000 Census indicate that there were some 130 families and 555 individuals in poverty within Shawnee Township at the time the Census was conducted.

<b>TABLE 2-6 : POVERTY STATUS BY FAMILY STATUS</b>		
<b>Family Type by Presence of Related Children</b>		
Total Families	2,425	100
Married – Related Children	927	38.2
Male Alone – Related Children	19	0.8
Female Alone – Related Children	92	3.8
Family – No Children	1,387	57.2
<b>Poverty Status of Families with Related Children</b>		
Total Families below poverty level	102	4.2
Married – Related Children	38	1.6
Male Alone – Related Children	4	0.2
Female Alone – Related Children	30	1.2
Family – No Children	30	1.2

In Shawnee Township, 4.2 percent of families and 5.5 percent of individuals were found to be in poverty. County-wide, these figures are significantly greater, at 9.6 and 12.1 percent, respectively. Throughout Ohio, 7.8 percent of families and 10.6 percent of individuals were in poverty. Table 2-6 indicates that the 102 families in poverty included 38 married couples with children, 30 single females with children, four single males with children, and 30 families with no children.

<b>TABLE 2-7 RATIO OF INCOME TO POVERTY LEVEL AMONG INDIVIDUALS</b>		
Below 50% of Poverty Level	227	2.8
50% to 99% of Poverty Level	220	2.7
100% to 149% of Poverty Level	323	4.0
150% to 199% of Poverty Level	270	3.4
200% of Poverty Level or more	7,013	87.1
Non-institutionalized Population		

Table 2-7 points to the 447 individuals in poverty being split, with 227 below 50 percent of poverty and the other 220 between 50 and 99 percent of poverty. Further, another 593 persons are between poverty level and twice the poverty level.

TABLE 2-8 OCCUPANTS PER ROOM AS POVERTY INDICATOR						
Tenure	Shawnee Township	Percent	City of Lima	Percent	Allen County	Percent
<b>Owner Occupied</b>	2,658	100	8,796	100.0	29,290	100.0
0.5 or less	2,180	71.3	6,983	79.4	22,736	77.6
0.51 to 1.00	466	15.2	1,681	19.1	6,266	21.4
1.01 to 1.50	12	0.4	105	1.2	261	0.9
1.51 to 2.00	0	0.0	15	0.2	15	0.1
2.00 or more	0	0.0	12	0.1	12	0.0
<b>Renter Occupied</b>	398	100	6,645	100.0	11,356	100.0
0.5 or less	267	67.1	4,082	61.4	7,436	65.5
0.51 to 1.00	109	27.4	2,336	35.2	3,614	31.8
1.10 to 1.50	0	0.0	185	2.8	242	2.1
1.51 to 2.00	22	5.5	34	0.5	56	0.5
2.00 or more	0	0.0	8	0.1	8	0.1

Household size and overcrowdedness is frequently examined as a proxy for poverty. Ratios exceeding 1.5 persons per room are often considered as indicators of overcrowded households. The 2000 Census found no owner-occupied units and just 22 rental units where this ratio was exceeded.

**Educational Attainment**

Table 2-9 presents a picture of the educational attainment levels of Shawnee Township residents aged 25 or more in 2000.

TABLE 2-9 EDUCATIONAL ATTAINMENT FOR THE POPULATION 25 YEARS & OVER						
Educational Attainment	White Population		Minority Population		Total Population	
	Persons	Percent	Persons	Percent	Persons	Percent
Less than 9th grade	87	1.7	24	5.1	111	2.0
9th to 12th grade, no diploma	305	5.9	44	9.3	349	6.2
High school graduate, GED	1,702	33.1	150	31.6	1,852	32.9
Some college, no degree	1,193	23.2	85	17.9	1,278	22.7
Associate degree	487	9.5	9	1.9	496	8.8
Bachelor's degree	783	15.2	49	10.3	832	14.8
Graduate/professional degree	592	11.5	114	24.0	706	12.6
Totals	5,149	100.0	475	100.0	5,624	100.0

<b>Educational Attainment (%)</b>	<b>Shawnee</b>	<b>Allen</b>	<b>Ohio</b>
Less than 9th grade	2.0	4.4	4.5
9th to 12th grade, no diploma	6.2	13.1	12.6
High school graduate, GED	32.9	42.6	36.1
Some college, no degree	22.7	18.7	19.9
Associate degree	8.8	7.8	5.9
Bachelor's degree	14.8	8.5	13.7
Graduate/professional degree	12.6	5.0	7.4
Totals	100.0	100.0	100.0

Interestingly, the Township's minority population has a significantly higher incidence of persons receiving less than a high school degree than the white population, but also a greater incidence of persons obtaining graduate degrees (the latter may include persons in the medical professions working at nearby medical facilities).

The bottom portion of Table 2-9, above, compares the Township's educational attainment with that at the county and state levels. In general, those obtaining less than a high school degree or equivalent are significantly less than the county or state percentages. Those in the township with an Associate, Bachelor's, and/or graduate degree total 36.2 percent, over one-third of residents age 25 or older. These proportions for the County and State are 21.3 and 27.0 percent, respectively, indicating a somewhat greater incidence of post-secondary schooling and, as discussed previously, partially explaining the relatively smaller proportion of the Township's population aged 20-34.

Higher education levels are known to correlate to higher income levels as well, and Shawnee Township's residents appear to benefit from this relationship. Conversely, those with lower educational attainment levels typically experience higher levels of unemployment and less income when they do find employment.

A number of educational opportunities exist within close proximity of the Township, making it relatively easy to pursue an education and career training beyond high school, whether one is a recent graduate or a lifelong learner.

### **Labor Force Profile**

The civilian labor force includes all persons age 16 or older who are identified as either employed or unemployed, as well as members of the armed forces. According to the 2000 Census, the total available civilian labor force (or the total population age 16 or older) in Allen County was 83,540 persons, and those not in the labor force totaled 18,686 or 22.4 percent of the of the available labor force. The County's total civilian labor force was 50,886 in 2000, of which 94.2 percent were employed. The labor force for Shawnee Township (not including Fort Shawnee) was 4,173, or 66.0 percent of the total 16+ population of 6,326. Of these 4,173 in the labor force, 4,044 were employed. Of these employed persons, 2,225 or 55.0 percent were male, and 1,819 or 45.0 percent were male.

The Township's participation rate of 66.0 percent is somewhat greater than the County rate (60.9 percent) and slightly higher than the Ohio rate of 64.8 percent.

The proportion of persons age 16 and over who are in the workforce remained very steady over the 1990's. The 1990 Census found 66.6 percent of the 16+ population (6,074 persons) to be in the labor force.

Table 2-10, below, examines the number of employed persons by type of occupation, and helps identify the predominant economic sectors in which residents are employed.

<b>TABLE 2-10 2000 SHAWNEE TOWNSHIP RESIDENT EMPLOYMENT BY SECTOR</b>			
<b>Sector</b>	<b>NAICS</b>	<b>Employees</b>	<b>Percent</b>
Agricultural, Forestry, Fishing & Hunting – Services	11	19	0.5
Mining	21	0	0.0
Utilities	22	24	0.6
Construction	23	182	4.5
Manufacturing	31-33	856	21.2
Wholesale Trade	42	200	4.9
Retail Trade	44-45	534	13.2
Transportation & Warehousing	48-49	84	2.1
Information	51	84	2.1
Finance & Insurance	52	160	4.0
Real Estate and Rental & Leasing	53	40	1.0
Professional, Scientific & Technical Services	54	130	3.2
Management of Companies/Enterprises	55	0	0.0
Administrative Support & Waste Management Services	56	88	2.2
Education Services	61	447	11.1
Health Care/Social Assistance	62	636	15.7
Arts/Entertainment /Recreation	71	50	1.2
Accommodation & Food	72	247	6.1
Non-Public Other Services	81	107	2.6
Public Administration	92	156	3.9
Total		4,044	100

Table 2-10 indicates the major employment sector is manufacturing, with 856 employees, and then educational, health, and social services, with 636 persons employed in this sector, owing in great part to the presence of nearby St. Rita's and other medical employers. Third is retail trade, with 534 residents employed in this sector. A strong fourth place is held by education services, owing to the presence of the Shawnee local school district within the Township, as well as the Apollo Career Center, both of which have a large number of employees.

**TABLE 2-11  
SHAWNEE TOWNSHIP: RESIDENTS EMPLOYED IN MANUFACTURING  
1990-2000**

	1990				2000			
	Township	%	County	%	Township	%	County	%
16+ Population	6,034	75.3	82,737	75.3	6,326	75.9	83,540	77.0
Workforce	3,976	65.8	50,789	61.4	4,173	66.0	50,866	60.9
Employed	3,819	96.0	46,585	91.7	4,044	98.0	47,951	94.3
Unemployed	150	4.0	2,380	8.3	129	2.0	2,915	5.7
Manufacturing	980	25.6	11,777	25.3	856	21.2	11,510	24.0

Table 2-11 indicates the change in manufacturing employment between 1990 and 2000. The number of County residents employed in this sector decreased slightly, from 11,777 to 11,510, a decrease of 267, and the Township's employment in manufacturing (including Fort Shawnee residents) decreased by 216 people, from 1,572 to 1,356 (in Table 2-11, the Fort Shawnee population was subtracted from the totals). The Township is home to 11.8 percent of the County's manufacturing employees.

### Race and Ethnicity

Of Shawnee Township's 8,365 residents counted in the 2000 Census, racial composition broke down as follows:

#### Summary of Racial Composition – Shawnee Township, 2000

One race: White:	7,721, 92.3%
Black/African American	386, 4.6%
American Indian	5, 0.1%
Asian	143, 1.7%
Native Hawaiian, Pacific Islander	1, 0.0%
Two or more races	92, 1.1%

The Hispanic population is counted separately as an ethnic group, and not as a specific race. The Hispanic/Latino population totaled 81 persons, or 1.0 percent of the total population. The largest country of origin for this population was Mexico.

When asked to identify one's ancestry, the largest number of residents (2,753) mentioned German, followed by Irish (1,260), English (976), and American (704).

### Population Projections

Existing and past population levels by age cohort can be used to project future population, which is helpful in planning for the necessary growth of public facilities and infrastructure. Previous sections of this chapter examine population change and composition by various characteristics. Projections by Township have been prepared by the Lima-Allen County Regional Planning Commission, and they indicate continued slow growth for each five-year

segment within the projection period. LACRPC utilizes a linear trend analysis that incorporates the existing 1960-2000 population figures. Coupled with the population estimate is an estimate of household size, also based on linear trend analysis, and thus a projection for the number of households can also be made over time. The following table presents the results of the LACRPC projection that includes Shawnee Township and Fort Shawnee:

<b>Year</b>	<b>Population</b>	<b>Households</b>	<b>Persons per Household</b>
1980	12,344	4,128	2.96
1990	12,133	4,373	2.73
2000	12,220	4,621	2.60
2010	13,475	5,598	2.40
2020	14,227	6,277	2.22
2030	14,979	6,956	2.04

The projections show an increase in population from 12,220 as reported in the 2000 Census to 14,979 in 2030, an increase of 22.6 percent over the thirty year projection period. The twenty-year increase from 2000 to 2020 is 16.4 percent.

Also important, the LACRPC projects a continuing decrease in the average size of a household, and a drop in the number of persons per household. This trend showed a decrease from 1980 to 2000 that witnessed the decrease in household size from 2.96 persons to 2.60 persons. Further regression of this trend projected continued drops to 2.40 persons per household in 2010, to 2.22 persons in 2020, and to just over two persons per household (2.04) in 2030.

This drop in persons per household leads to a projection of a dramatic increase in the number of households (and thus the demand for housing) within the township to 2030. This number is projected to increase from 4,621 households counted in the 2000 Census to 6,956 households in 2030 – an increase of 2,335 households over thirty years, or an increase of 50.5 percent. Within just ten years, the increase is projected to be by 977 households, or a 21.1 percent growth in the number of households.

The Regional Planning Commission projected the population for the unincorporated portion of the Township alone, and in employing the same linear trend analysis, it found that population would increase from 8,365 in 2000 to 9,845 in 2030. This is an increase of 1,480 people, or 17.7 percent over thirty years. However, a greater impact is felt in the increase in the number of households, given the assumption of a continuously decreasing average household size, reaching 2.04 persons per household on average in 2030. This would result in a need to provide housing to accommodate another 1,728 households by 2030, or an average of 57.6 new households annually over the three-decade period. This increase in projected housing demand is the result of a combination of added population in the Township and shrinking household sizes.