

## **SECTION III**

### **JEFFERSON TOWNSHIP, MADISON TOWNSHIP, AND SALEM TOWNSHIP REGIONAL COMPREHENSIVE PLAN**

#### **POPULATION STUDY**

##### INTRODUCTION

This report examines the population of Jefferson Township, Madison Township, and Salem Township from several perspectives, including age, income and other relevant socio-economic characteristics; and, it identifies trends that will affect the future of the communities. A projection of the future population of the Region is also included at the end of this report.

##### POPULATION TRENDS

As shown in Table No. 1 below, the Region's population has experienced a substantial increase throughout much of the study period, 1960 to 2000. This is in sharp contrast to the relatively small increases seen in Pennsylvania and the decreasing population in Lackawanna County; it is however, similar to the increasing population of Wayne County during the same time period. The decade between 1970 and 1980 witnessed the most significant regional population increase, a staggering 67% when compared to the 4% increase in Pennsylvania and the 2.8% decrease in Lackawanna County. Wayne County also experienced a significant increase of nearly 20% during this time period. Though two (2) of the municipalities in the study area (Jefferson Township and Madison Township) are located in Lackawanna County their trends in population growth are closely tied to the growth trends seen in Salem Township and Wayne County. The increase in population can be partially attributed to the area's proximity to Lake Wallenpaupack. The lake and its surrounding areas are a tourist destination for residents in the tri-state area (NY, NJ, and PA).

It should be noted that all three municipalities had relatively small populations at the start of the study period. Accordingly, percent increases are quite high in the beginning of the study period with the initial population growth, and they level off as the populations become larger.

All three municipalities have tripled in size between 1960 and 2000. Salem Township's population is the largest of the three communities. As noted above, the larger population in Salem Township has led to smaller percent increases when compared to those of Jefferson Township and Madison Township, except between 1990 and 2000 when Salem's population increased by 25%.

Table No. 1

Population Trends, 1960 – 2000  
 Jefferson Township and Madison Township, Lackawanna County, PA  
 Salem Township, Wayne County, Pa

	Jefferson <u>Twp.</u>	Madison <u>Twp.</u>	Salem <u>Twp.</u>	<u>Region</u>	Lackawanna <u>County</u>	Wayne <u>County</u>	<u>Penna.</u>
1960	1,195	788	1,324	3,307	234,531	28,237	11,319,366
1970	1,809	993	1,581	4,383	234,504	29,581	11,800,766
% Change	51%	26%	19%	32%	(0.01%)	5%	4%
1980	3,132	1,659	2,538	7,329	227,908	35,237	11,864,720
% Change	73%	67%	61%	67%	(2.8%)	19%	0.5%
1990	3,438	2,207	2,933	8,578	219,039	39,944	11,881,643
% Change	10%	33%	16%	17%	(3.9%)	13%	0.1%
2000	3,592	2,542	3,664	9,798	213,295	47,722	12,281,054
% Change	5%	15%	25%	14%	(2.6%)	19%	3%

U.S. Census Bureau, Census 2000 Summary File 1

AGE DISTRIBUTION

The age distribution of a community has a significant effect on the types of community facilities and services required to meet the needs of the population. Communities with an aging population will have different facility and service needs than a community with a high proportion of children. For example, communities with an aging population would require more health care and long-term nursing care, but communities with a high proportion of children would require more school rooms and active recreation facilities.

The age distribution of the Commonwealth varies widely from region to region, and from municipality to municipality; it depends on the location, economy and other characteristics of the particular community. The following Tables (No. 2 – No. 7) present the age distribution for the populations of Jefferson Township, Madison Township and Salem Township, based on detailed demographic characteristics from the 1990 and 2000 U.S. Census Reports.

Table No. 2 below gives an age distribution comparison between 1990 and 2000 for Jefferson, Madison, and Salem Townships. Comparing the changes in cohort size between census periods provides information on how population segments are changing and on the factors that influence change, such as fluctuating birth rate and migration patterns.

Table No. 2

Age Distribution, 1990 and 2000  
 Jefferson Township and Madison Township, Lackawanna County, PA  
 Salem Township, Wayne County, PA

Age	<u>Jefferson Township</u>				<u>Madison Township</u>				<u>Salem Township</u>			
	1990		2000		1990		2000		1990		2000	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
<5 yrs	249	7	196	6	167	8	166	7	213	7	244	7
5 – 9 yrs	334	10	229	6	171	8	217	9	215	7	273	8
10-14 yrs	256	7	283	8	209	9	191	8	265	9	262	7
15-19 yrs	216	6	256	7	178	8	177	7	208	7	267	7
20-24 yrs	213	6	178	5	157	7	124	5	166	6	158	4
25-29 yrs	197	6	199	5	153	7	152	6	215	7	177	5
30-34 yrs	324	9	217	6	205	9	210	8	241	8	233	6
35-39 yrs	287	8	261	7	194	9	236	9	213	7	273	8
40-44 yrs	262	8	303	8	151	7	216	8	240	8	294	8
45-49 yrs	335	10	349	10	137	6	195	8	155	5	269	7
50-54 yrs	146	4	325	9	114	5	187	7	113	4	255	7
55-59 yrs	190	5	231	6	74	3	125	5	161	5	221	6
60-64 yrs	114	3	149	4	92	4	95	4	116	4	198	5
65-69 yrs	128	4	130	4	90	4	82	3	114	4	157	4
70-74 yrs	82	2	134	4	51	2	60	2	145	5	167	5
75-79 yrs	24	1	79	2	38	2	53	2	76	3	101	3
80-84 yrs	0	0	48	1	16	1	32	1	29	1	69	2
85 + yrs	<u>52</u>	<u>2</u>	<u>25</u>	<u>1</u>	<u>14</u>	<u>1</u>	<u>24</u>	<u>1</u>	<u>48</u>	<u>2</u>	<u>46</u>	<u>1</u>
Total	3,438	100	3,592	100	2,207	100	2,542	100	2,933	100	3,664	100

U.S. Census Bureau, Census 2000 Summary File 1

Jefferson Township

According to Table No. 2 above, Jefferson Township showed a decrease in the number of births from 1990 to 2000. In the 1990 census, children under the age of 5 numbered 249 and in the 2000 census, they numbered only 196; this represents a 20% reduction in the number of births. The decrease in the Township’s birth rate can be explained by examining the changes to the 1990’s 10 to 14 years, 15 to 19 years, and 20 to 24 years age cohorts. Ten years later these three age groups now in the 20 to 24 years, 25 to 29 years, and 30 to 34 years age cohorts, respectively, represent the majority of the Township’s child bearing age groups; and, they have either experienced a decrease in size or remained relatively stable. The decreases in cohort size can be attributed to an out-migration of families with children and college-bound young adults.

The Township’s “Mature Years” segment of the population (25-64 yrs.), which is explained in further detail in Table No. 3 and on page III-6, has experienced a myriad of increases and decreases in cohort size due to in-migration and out-migration of the population. The most significant increase occurred in the 1990’s 25 to 29 years age group, which increased by 32% from 197 individuals to 261 individuals in 2000. Conversely, the most notable decreases took

place in the 1990's 45 to 49 years age cohort and the 55 to 59 years age cohort, both of which had a sizable 32% decrease in size. Though the above mentioned decreases are significant, overall there were more increases in cohort size than decreases between 1990 and 2000. This is significant as the "Mature Years" segment of the Township's population comprises the majority of prime income earners.

### Madison Township

Madison Township's birth rate remained relatively stable between census periods, as shown in Table No. 2. There were approximately 167 children under the age of 5 in 1990 and in 2000 that number decreased by only 1 to 166 children under the age of 5. The 1990's age cohorts 0 to 9 years which numbered 338 individuals increased by nearly 9% to 368 in the 10 to 19 years age cohorts for 2000. The increased number of children in the Township can be attributed to an in-migration of young families. This is supported by the 21% increase in cohort size for all 1990 age groups between 20 and 44 years. This is an increase of some significance as these age cohorts represent the majority of the Township's prime income earners.

Similar to Jefferson Township, the 10 to 19 years age cohorts which numbered approximately 387 in 1990 experienced a decrease in cohort size between decades. This can be largely attributed to an out-migration of young adults in search of employment opportunities and to college-bound teens. This is significant because these segments of the Township's population represent a majority of the women in their child bearing years and a decrease in cohort size could lead to a future decrease in the Township's birth rate. This segment of the Township's population also comprises a portion of the Township's prime income earners and a loss in this group could be detrimental to the Township's tax base; however, the above mentioned increases in cohort size for the 20 to 44 years groups more than compensates for such losses.

### Salem Township.

Salem Township was the only municipality in the study area (Jefferson, Madison, and Salem Townships) to experience an increase in the number of children under the age of 5 years between census periods. The Township's 0 to 9 years age cohorts also showed significant increases between 1990 and 2000. There are two reasons for the increases: the first is an increase in the birth rate; and, the second is a significant in-migration.

The significant in-migration of residents is supported by the increases seen in all of the Township's 1990 age cohorts between 20 and 54 years, when compared to their 2000 counterparts the 30 to 65 years age groups. This is significant as these cohorts comprise the majority of the Township's prime income earners and child bearers. The most substantial cohort size increases were seen in the 0 to 9 years age cohorts and the 30 to 39 years age cohorts, between 1990 and 2000 both groups increased by 24%. The Township should endeavor to provide adequate services for the above mentioned segments of the population, now between the ages of 10 to 19 years and 40 to 49 years.

Regional Trends.

As shown in Table No. 2 above, each municipality experienced a decrease in cohort size for the 1990's 10 to 19 years age groups, when compared with their 2000 counterparts, the 20 to 29 years age groups. As discussed above, a portion of this population's out-migration can be attributed to college-bound residents leaving the area and to residents moving out of the area in search of employment opportunities. In order to stem some of this out-migration, measures should be taken to increase the availability of appropriate employment opportunities.

All three municipalities also experienced a decrease in cohort size for all of the age groups aged 65 years and over. This can be attributed to a degree of out-migration, but the primary cause is from deaths within the population cohorts.

A more detailed comparison of the age distribution in Jefferson Township, Madison Township, Salem Township, Lackawanna County, Wayne County, and the State is presented in the following Table No. 3.

Table No. 3

Age Comparison By Percent, 2000  
Jefferson Township, Madison Township, Salem Township,  
Lackawanna County, Wayne County, and Pennsylvania

<u>2000 Population</u>	<u>Jefferson Twp.</u>	<u>Madison Twp.</u>	<u>Salem Twp.</u>	<u>Lacka- wanna County</u>	<u>Wayne County</u>	<u>P.A.</u>
<u>The Young Years</u>						
Less than 5 years	6	5	7	5	6	6
5 – 17 years	19	21	19	17	18	18
18 – 24 years	<u>6</u>	<u>8</u>	<u>6</u>	<u>8</u>	<u>6</u>	<u>9</u>
<b>The Young Years Subtotal</b>	<b>31</b>	<b>34</b>	<b>32</b>	<b>30</b>	<b>30</b>	<b>33</b>
<u>The Mature Years</u>						
25 – 44 years	27	32	27	26	27	28
45 – 54 years	19	15	14	14	14	14
55 – 59 years	6	5	6	5	6	5
60 – 64 years	<u>4</u>	<u>4</u>	<u>5</u>	<u>5</u>	<u>5</u>	<u>4</u>
<b>The Mature Years</b>	<b>56</b>	<b>56</b>	<b>52</b>	<b>50</b>	<b>52</b>	<b>55</b>
<b>Subtotal</b>						
<u>The Aging Years</u>						
65 – 74 years	7	6	9	9	10	8
75 years and above	<u>5</u>	<u>4</u>	<u>6</u>	<u>11</u>	<u>8</u>	<u>8</u>
<b>The Aging Years Subtotal</b>	<b>12</b>	<b>10</b>	<b>15</b>	<b>20</b>	<b>18</b>	<b>16</b>

U.S. Census Bureau, Census 2000 Summary File 1

Table No. 3 above, separates the study area's population into three categories: the Young Years, the Mature Years, and the Aging Years. This population breakdown allows for a detailed analysis of the types and kinds of services needed to support each population group and it serves as an economic indicator for the future.

Young Years (0-24 yrs.). The Young Years is an important segment of any population because it represents the area's future income earners and childbearing residents. As shown in Table No. 3 the distribution of Young Years population is similar in all three municipalities, the Counties, and the State. Madison Township at 34% has the highest percentage of residents between the ages of 0 and 24 years while both Lackawanna and Wayne County have the lowest at 30%.

Mature Years (25-64 yrs.). The Mature Years segment of the population represents the area's prime income earners, women in their child-bearing years, and the future elderly population. Throughout the study areas, the Mature Years segment of the population comprises 50% or more of the population. Jefferson Township and Madison Township have a significantly higher proportion of residents in their Mature Years than Salem Township, Wayne County, and Lackawanna County; but, it is only slightly higher than the State's 55%.

Aging Years (65 + yrs). The Aging Years segment of the population represents residents aged 65 years and over. As shown in Table No. 3, of the three (3) municipalities Salem Township has the highest proportion of residents in their Aging Years. Lackawanna County has the highest proportion of elderly overall at 20%.

All three municipalities should concentrate on providing and maintaining services for their senior citizens as this is the least mobile of the population segments; and, in the future this group will increase as residents leave their Mature Years and enter their Aging Years; this is especially true for Jefferson and Madison Townships. As stated above Madison Township has the highest proportion of residents in their Young Years cohort, as well as one of the highest proportions of residents in their Mature Years. The Township should endeavor to provide adequate recreation opportunities for residents in these age cohorts. Although Jefferson Township and Salem Township have an older population when compared to Madison, they too should develop adequate recreation opportunities in order to attract and retain younger families.

Table No. 4 below, gives a regional “Big Picture” look at the cohort changes that have taken place in the study area, between 1990 and 2000.

Table No. 4

Age Comparison By Broad Age Groups, 1990 – 2000  
 Jefferson Township, Madison Township, Salem Township,  
 Lackawanna County, Wayne County, and Pennsylvania

	<u>“Young Years”</u>		<u>“Mature Years”</u>		<u>“Aging Years”</u>	
	<u>1990</u>	<u>2000</u>	<u>1990</u>	<u>2000</u>	<u>1990</u>	<u>2000</u>
Jefferson Township	37%	31%	53%	56%	10%	12%
Madison Township	40%	34%	50%	56%	10%	10%
Salem Township	36%	32%	50%	52%	14%	15%
Lackawanna County	32%	30%	48%	50%	20%	20%
Wayne County	34%	30%	49%	52%	17%	18%
State	35%	33%	50%	55%	15%	16%

U.S. Census Bureau, Census 2000 Summary File 1.

The decreasing trend of the Young Years cohorts can be seen in varying degrees on the State, county, and local levels; however, the extent of decrease is greatest in the three municipalities. This reflects a decrease in birth rates across the board, but, also a state-wide lack of adequate employment opportunities for twenty-something individuals.

The Mature Years cohort has increased on the State, county, and local levels, which indicates both an aging population as well as a willingness to raise families in Pennsylvania. The 6% increase in Madison Township’s Mature Years population reinforces its desire to develop as a bedroom community.

On the State, county, and local levels the Aging Years segment of the population has either remained stable or increased slightly. This reflects an aging population, which requires specific services; and, it also indicates the need to attract younger families to the area.

Sex Distribution

Madison Township, like most of Lackawanna County, is characterized as having more females than males, primarily due to the latter living longer. However, Jefferson and Salem Townships have slightly more males than females. Conversely, in 1990 there were slightly more females than males in all three municipalities.

Table No. 5

Sex Distribution, 1990 – 2000  
Jefferson Township and Madison Township, Lackawanna County, PA  
Salem Township, Wayne County, PA

	<u>Jefferson Township</u>		<u>Madison Township</u>		<u>Salem Township</u>	
	<u>No.</u>	<u>%</u>	<u>No.</u>	<u>%</u>	<u>No.</u>	<u>%</u>
<u>1990</u>						
Male	1,699	49.4	1,107	50	1,457	49.6
Female	1,739	50.6	1,106	50	1,476	50.4
<u>2000</u>						
Male	1,805	50.3	1,249	49.1	1,865	50.9
Female	1,787	49.7	1,293	50.9	1,799	49.1

U.S. Census Bureau, Census 2000 Summary File 1

A comparison of selected female age groups is provided in Table No. 6 below. The current percentage of females in the wage-earning group (20 to 64 years of age) is similar in all three Townships, but higher than Lackawanna County (54%), Wayne County (55%), and Pennsylvania (57%). In Madison Township the percentage of women in their childbearing years (20-34) is higher than any of the other jurisdictions represented in Table No. 6.

Table No. 6

Female Age Distribution Comparison, By Percent, 2000  
Jefferson Township, Madison Township, Salem Township  
Lackawanna County, Wayne County, and Pennsylvania

	<u>Jefferson Twp.</u>	<u>Madison Twp.</u>	<u>Salem Twp.</u>	<u>Lackawanna County</u>	<u>Wayne County</u>	<u>Penna.</u>
0 – 19	26	29	26	23	25	25
20 – 34	16	19	16	17	15	18
35 – 44	16	17	16	14	15	16
45 – 64	29	23	26	23	25	23
65 – 74	8	6	9	10	10	8
75 +	<u>5</u>	<u>6</u>	<u>7</u>	<u>13</u>	<u>10</u>	<u>10</u>
Total	100	100	100	100	100	100

Source: U.S. Census Bureau, Census 2000 Summary File1, Matrices P13 and PCT 12

Age/Sex Distribution.

Combining the data on age and sex characteristics provides a comparison between the sexes for the various age groups. Table No. 7 shows that in Jefferson Township the total number of males exceeds the total number of females in the 5-19 years age groups and in the 20-64 years age groups. Conversely, females substantially exceed males in the 65 years and over age groups. The male/female distribution for the under 5 years age group is nearly evenly divided.

Madison Township's male/female distribution is nearly evenly divided for the under 5 years age category, the 5-19 years age category, and the 20-64 years age category. The exception is the 65 years and over age group where females substantially exceed males.

In Salem Township the total number of males exceeds the number of females in the 0-19 years age groups, and the total number of females greatly outweighs the number of males in that broad age group.

Table No. 7

Age/Sex Distribution, 2000  
Jefferson Township and Madison Township, Lackawanna County, PA.  
Salem Township, Wayne County, PA

	<u>Jefferson Township</u>			<u>Madison Township</u>			<u>Salem Township</u>		
	<u>Male</u>	<u>Female</u>	<u>Total</u>	<u>Male</u>	<u>Female</u>	<u>Total</u>	<u>Male</u>	<u>Female</u>	<u>Total</u>
<b>Under 5</b>	<b>97</b>	<b>99</b>	<b>196</b>	<b>80</b>	<b>86</b>	<b>166</b>	<b>134</b>	<b>110</b>	<b>244</b>
5 to 9 Years	125	104	229	98	119	217	160	113	273
10 to 14 Years	141	142	283	96	95	191	143	119	262
15 to 19 Years	<u>138</u>	<u>118</u>	<u>256</u>	<u>98</u>	<u>79</u>	<u>177</u>	<u>139</u>	<u>128</u>	<u>267</u>
<b>Total 5-19 yrs.</b>	<b>404</b>	<b>364</b>	<b>768</b>	<b>292</b>	<b>293</b>	<b>585</b>	<b>442</b>	<b>360</b>	<b>802</b>
20 to 24 Years	102	76	178	63	61	124	79	79	158
25 to 29 Years	100	99	199	75	77	152	87	90	177
30 to 34 Years	103	114	217	97	113	210	108	125	233
35 to 39 Years	126	135	261	123	113	236	129	144	273
40 to 44 Years	150	153	303	110	106	216	152	142	294
45 to 49 Years	164	185	349	96	99	195	134	135	269
50 to 54 Years	173	152	325	92	95	187	124	131	255
55 to 59 Years	130	101	231	62	63	125	115	106	221
60 to 64 Years	<u>71</u>	<u>78</u>	<u>149</u>	<u>53</u>	<u>42</u>	<u>95</u>	<u>101</u>	<u>97</u>	<u>198</u>
<b>Total 20-64 yrs.</b>	<b>1,119</b>	<b>1,093</b>	<b>2,212</b>	<b>771</b>	<b>769</b>	<b>1,540</b>	<b>1,029</b>	<b>1,049</b>	<b>2,078</b>
65 to 69 Years	61	69	130	35	47	82	78	79	157
70 to 74 Years	64	70	134	32	28	60	87	80	167
75 to 79 Years	37	42	79	24	29	53	49	52	101
80 to 84 Years	13	35	48	8	24	32	29	40	69
85 to 89 Years	9	8	17	6	13	19	14	22	36
90 Years +	<u>1</u>	<u>7</u>	<u>8</u>	<u>1</u>	<u>4</u>	<u>5</u>	<u>3</u>	<u>7</u>	<u>10</u>
<b>Total 65 + yrs.</b>	<b>185</b>	<b>231</b>	<b>433</b>	<b>106</b>	<b>145</b>	<b>251</b>	<b>260</b>	<b>280</b>	<b>540</b>
<b>Total all groups</b>	<b>1,805</b>	<b>1,787</b>	<b>3,592</b>	<b>1,249</b>	<b>1,293</b>	<b>2,542</b>	<b>1,865</b>	<b>1,799</b>	<b>3,664</b>

Source: U.S. Census Bureau, Census 2000 Summary File 1, Matrices P13 and PCT12.

## HOUSEHOLD SIZE AND HOUSEHOLD INCOME

A household is defined by the Census as the total number of persons occupying one housing unit. Household size has been declining in the Country as families with large numbers of children are being replaced by smaller families with only 1 or 2 children. In addition, the increasing number of elderly one (1) person households is a significant factor in the smaller household size.

Table No. 8 below, compares the household size of Jefferson Township, Madison Township, Salem Township, Lackawanna County, Wayne County, and the State.

Table No. 8

Number of Households and Household Size Comparisons, 1990 – 2000  
Jefferson Township, Madison Township, Salem Township,  
Lackawanna County, Wayne County, and Pennsylvania.

<b>Number of Households</b>	Jefferson <u>Twp.</u>	Madison <u>Twp.</u>	Salem <u>Twp.</u>	Lackawanna <u>County</u>	Wayne <u>County</u>	Wayne <u>Penna.</u>
1990	1,199	756	1,044	84,528	14,638	4,495,966
2000	1,321	925	1,400	86,218	18,350	4,777,003
% Change	10%	18%	34%	2%	25%	6%
<b>Household size</b>						
1990	2.87	2.92	2.81	2.50	2.65	2.57
2000	2.70	2.75	2.62	2.38	2.50	2.48

Source: U.S. Census Bureau, Census 2000 Summary File 1

As shown in Table No. 8, all three municipalities and Wayne County experienced significant percent increases in the total number of households when compared with the increases seen in Lackawanna County and Pennsylvania. However, as with the population growth in the area, the relatively small number of households at the beginning of the study period results in a high percent increase. In comparing the numeric increases, Jefferson Township increased by 122 households, Madison Township by 169 households, and Salem Township by a staggering 356 households.

The average household size for the three municipalities is significantly higher than the households sizes of Lackawanna County, Wayne County, and Pennsylvania. This reflects an influx of younger families with children. Table No. 8 also shows that the 2000 household size was smaller than the 1990 average household size in all three municipalities, the counties, and the State.

The following Table No. 9 and Table No. 10 depict the incomes of the residents of the study area.

Table No. 9

Income Comparisons, Adjusted<sup>1</sup>, 1990 - 2000  
 Jefferson Township, Madison Township, Salem Township,  
 Lackawanna County, and Wayne County, PA.

	<u>Per Capita (\$)</u>			<u>Median HH (\$)</u>		
	<u>1990</u>	<u>2000</u>	<u>% Change</u>	<u>1990</u>	<u>2000</u>	<u>% Change</u>
Jefferson Twp.	\$17,132	\$19,021	11	\$42,652	\$43,154	1
Madison Twp.	\$14,226	\$16,864	19	\$37,646	\$43,250	15
Salem Twp.	\$15,498	\$16,947	9	\$33,280	\$36,215	9
Lacka Cty.	\$16,560	\$18,710	13	\$33,253	\$34,438	4
Wayne Cty.	\$15,084	\$16,977	13	\$33,382	\$34,082	2

Source: U.S. Census Bureau, Census 2000

Comparing the adjusted 1990 incomes with the actual 2000 incomes reveals that Madison Township had a significantly larger percent increase in both per capita earnings and household income, when compared with the rest of the study area. It is also interesting to note that the percent change in Per Capita incomes was significantly higher than the percent change in Household Incomes, except in Salem Township where the percent increase was the same. The disparity between the increases in Per Capita income and the increases in Household income are caused by the smaller household sizes throughout the area, as noted in Table No. 8 on page 10.

Jefferson Township had the highest 2000 Per Capita income at \$19,021 and Madison Township and Jefferson Township had the highest 2000 Median Household incomes at \$43,250 and \$43,154, respectively.

Table No. 10 below includes household income data, by income levels.

As shown in Table No. 10, Salem Township has the lowest percentage of residents earning \$50,000 or more, when compared to Madison Township and Jefferson Township. The largest income category for Madison and Salem Townships is comprised of those residents earning between \$25,000 and \$50,000; and, Salem Township has the highest percentage of residents earning less than \$25,000.

<sup>1</sup> The 1990 Per Capita and Household incomes have been adjusted by 34% to reflect inflation between 1990 and 2000 as stated by the Consumer Price Index, in 2000.

Table No. 10

Household Income Distribution, 2000  
Jefferson Township and Madison Township, Lackawanna County, PA.  
Salem Township, Wayne County, PA

	<u>Jefferson Twp.</u>		<u>Madison Twp.</u>		<u>Salem Twp.</u>	
	<u>No.</u>	<u>%</u>	<u>No.</u>	<u>%</u>	<u>No.</u>	<u>%</u>
Less than \$10,000	94	7	46	5	129	9
\$10,000 - \$14,999	60	5	42	5	125	9
\$15,000 - \$19,999	81	6	48	5	82	6
\$20,000 - \$24,999	<u>54</u>	<u>4</u>	<u>50</u>	<u>5</u>	<u>117</u>	<u>8</u>
<b>Total Less than \$25,000</b>	<b>289</b>	<b>22</b>	<b>186</b>	<b>20</b>	<b>453</b>	<b>32</b>
\$25,000 - \$29,999	88	7	69	8	98	7
\$30,000 - \$34,999	108	8	74	8	109	8
\$35,000 - \$39,999	98	7	79	9	98	7
\$40,000 - \$44,999	127	10	80	9	112	8
\$45,000 - \$49,999	<u>64</u>	<u>5</u>	<u>58</u>	<u>6</u>	<u>81</u>	<u>6</u>
<b>Total \$25,000 - \$49,999</b>	<b>485</b>	<b>37</b>	<b>360</b>	<b>40</b>	<b>498</b>	<b>36</b>
\$50,000 - \$59,999	105	8	104	11	151	11
\$60,000 - \$74,999	186	14	105	11	101	7
\$75,000 - \$99,999	108	8	127	14	123	9
\$100,000 - \$124,999	86	7	33	3	33	2
\$125,000 - \$149,999	44	3	5	<1	5	<1
\$150,000 - \$199,999	14	1	0	0	0	0
\$200,000 or more	<u>7</u>	<u>&lt;1</u>	<u>0</u>	<u>0</u>	<u>25</u>	<u>2</u>
<b>Total \$50,000 or more</b>	<b>550</b>	<b>41</b>	<b>374</b>	<b>39</b>	<b>438</b>	<b>31</b>
Total	1,324	100	920	100	1,389	100

Source: U.S. Census Bureau, Census 2000, Summary File 3

### EMPLOYMENT

Tables No. 11 and No. 12 show the employment of the Townships' residents by occupation and by industry, respectively, in 2000.

In Table No. 11 below, sales occupations are the dominant occupations in all three municipalities. Jefferson Township has the highest percentage of residents in the management, professional, and sales occupations. Conversely, Salem Township takes the lead in the more labor intensive occupations, such as farming, construction, and transportation. Madison Township has the highest percentage of residents in service occupations, when compared to Jefferson and Salem Townships.

Table No. 11

Employment by Occupation, by Percent, 2000  
 Jefferson Township and Madison Township, Lackawanna County, PA.  
 Salem Township, Wayne County, PA

<u>Occupation</u>	<u>Jefferson</u>		<u>Madison</u>		<u>Salem</u>	
	<u>Twp.</u>		<u>Twp.</u>		<u>Twp.</u>	
	<u>No.</u>	<u>%</u>	<u>No.</u>	<u>%</u>	<u>No.</u>	<u>%</u>
Management, business, and financial	185	10	113	9	111	7
Professional	335	18	170	13	270	17
Service	195	10	257	20	273	17
Sales	566	30	313	24	364	23
Farming, fishing, and forestry	12	<1	6	<1	16	1
Construction, extraction, and maintenance	238	13	169	13	264	17
Production	230	12	165	13	109	7
Transportation and material moving	<u>125</u>	<u>7</u>	<u>99</u>	<u>8</u>	<u>175</u>	<u>11</u>
Total	1,886	100	1,292	100	1,582	100

Source: U.S. Census Bureau, Census 2000

Table No. 12

Employment by Industry, by Percent, 2000  
 Jefferson Township and Madison Township, Lackawanna County, PA.  
 Salem Township, Wayne County, PA

<u>Industry</u>	<u>Jefferson</u>		<u>Madison</u>		<u>Salem</u>	
	<u>Twp.</u>		<u>Twp.</u>		<u>Twp.</u>	
	<u>No.</u>	<u>%</u>	<u>No.</u>	<u>%</u>	<u>No.</u>	<u>%</u>
Agriculture	28	1	19	2	23	2
Construction	153	8	92	7	171	11
Manufacturing	328	16	190	15	168	10
Wholesale trade	53	3	27	2	62	4
Retail trade	242	13	162	13	218	14
Transportation and warehousing	124	7	106	8	116	7
Information	21	1	25	2	31	2
Finance, insurance, and real estate	132	7	90	7	49	3
Professional, management and scientific	90	5	72	6	116	7
Educational, health and social services	440	23	216	17	280	18
Arts, entertainment, and recreation	104	6	139	11	169	11
Public Administration	68	4	49	4	62	4
Other Services	<u>103</u>	<u>6</u>	<u>105</u>	<u>8</u>	<u>117</u>	<u>7</u>
Total	1,886	100	1,292	100	1,582	100

Source: U.S. Census Bureau, Census 2000

Table No. 12 above, groups employment by industry type. This table shows that the manufacturing, educational, health and social services, and retail trade industries employ the highest percentage of Township residents in all three municipalities. Salem Township is the exception and has a slightly higher percentage of residents in the construction and arts and entertainment industries when compared to manufacturing.

As shown in Table No. 13, there are more males than females employed in all three municipalities, the Counties, and the State. The unemployment rate is significantly lower in Jefferson Township (3.2%) when compared to the other jurisdictions in the study area. Madison Township also has a substantially lower unemployment rate (4.2%) compared with Salem Township, the counties, and the State. Salem Township has the highest unemployment rate compared to Madison and Jefferson Townships, but it is comparable to the rates of the counties and the State.

Table No. 13

Labor Force and Employment, 2000  
Jefferson Township, Madison Township, Salem Township,  
Wayne County, Lackawanna County, and Pennsylvania

	Labor Force					Unemployed	
	<u>Males</u>		<u>Females</u>		<u>Total</u>	<u>No.</u>	<u>%</u>
	<u>No.</u>	<u>%</u>	<u>No.</u>	<u>%</u>			
Jefferson Twp.	1,086	56	862	44	1,948	62	<b>3.2</b>
Madison Twp.	745	55	609	45	1,354	57	<b>4.2</b>
Salem Twp.	905	54	769	46	1,674	92	<b>5.5</b>
Lackawanna County	53,631	53	48,200	47	101,831	5,442	<b>5.3</b>
Wayne County	11,551	54	9,905	46	21,456	1,226	<b>5.7</b>
Pennsylvania	3,181,680	53	2,818,741	47	6,000,421	339,386	<b>5.6</b>

Source: U.S. Census Bureau, Census 2000

## EDUCATION

One final factor affecting the area's economic development potential is the educational level of its residents, which directly affects the type of labor force available to attract business and industry. Table No. 14 below, compares the educational attainment of the residents of each municipality, the Counties, and the State.

As shown in Table No. 14 below, Salem Township and Wayne County as a whole have the highest percentages of residents without a high school diploma. Madison Township has a significantly higher percentage of residents with a high school diploma or more when compared to the rest of the study area. Nearly 21% of Jefferson Township residents have a bachelors degree or higher, compared to the 15% in Madison Township and the 14% in Salem Township.

Table No. 14

Education Levels of Persons 25 Years or More of Age, By Percent  
Jefferson Township, Madison Township, Salem Township,  
Wayne County, Lackawanna County, and Pennsylvania, 2000

	<u>No High School Diploma</u>	<u>High School Diploma +*</u>	<u>Bachelors Degree +</u>	<u>Totals</u>
Jefferson Township	14	65	21	2,490
Madison Township	15	70	15	1,683
Salem Township	21	65	14	2,495
Lackawanna County	18	62	20	148,116
Wayne County	19	66	15	33,326
Pennsylvania	18	60	22	8,266,284

Source: U.S. Census Bureau, Census 2000.

\* Not including a Bachelors Degree or higher

## POPULATION PROJECTIONS

There are various methods and approaches to population projections, including relating the municipalities' population to the County's population, as seen below in Table No. 15. According to the Pennsylvania State Data Center, Lackawanna County's population is projected to decrease from the U.S. Census count of 213,295 in the year 2000 to approximately 209,111 in the year 2020.

The Pennsylvania State Data Center projections for Wayne County were not used for projection purposes because of inconsistencies with the 2000 Census reports. M.A. Brotter Consulting Services projects Wayne County's population to steadily increase from 47,722 in 2000 to approximately 58,810 in 2020, an increase of 1% per year.

Table No. 15

Population Projections Based on Percent of County Population, 1960-2020  
Jefferson Township and Madison Township, Lackawanna County, PA  
Salem Township, Wayne County, PA

<u>Year</u>	<u>Lackawanna County</u>	<u>Jefferson Township**</u>		<u>Madison Township**</u>		<u>Wayne County**</u>	<u>Salem Township**</u>	
		<u>No.</u>	<u>%</u>	<u>No.</u>	<u>%</u>		<u>No.</u>	<u>%</u>
		1960	234,531	1,195	0.5		788	0.3
1970	234,504	1,809	0.8	993	0.4	29,581	1,581	5.3
1980	227,908	3,132	1.4	1,659	0.7	35,237	2,538	7.2
1990	219,039	3,438	1.6	2,207	1.0	39,944	2,933	7.3
2000	213,295	3,592	1.7	2,542	1.2	47,722	3,664	7.7
2005	<b>212,326**</b>	<b>3,610</b>	<b>1.7</b>	<b>2,760</b>	<b>1.3</b>	<b>49,945</b>	<b>3,845</b>	<b>7.7</b>
2010	<b>211,356*</b>	<b>3,804</b>	<b>1.8</b>	<b>2,958</b>	<b>1.4</b>	<b>52,900</b>	<b>4,179</b>	<b>7.9</b>
2015	<b>210,233**</b>	<b>3,889</b>	<b>1.8</b>	<b>3,153</b>	<b>1.5</b>	<b>55,855</b>	<b>4,468</b>	<b>8.0</b>
2020	<b>209,111*</b>	<b>3,973</b>	<b>1.9</b>	<b>3,345</b>	<b>1.6</b>	<b>58,810</b>	<b>4,763</b>	<b>8.1</b>

Source: \* Pennsylvania State Data Center Projections

\*\* M.A. Brotter Consulting Services Projection

### ***Jefferson Township***

As shown in Table No. 15 above, Jefferson Township's relationship to Lackawanna County's population is projected to gradually increase from 1.7% in 2000 to 1.9% in 2020. Based upon this projection, the Township's population is expected to increase from 3,592 in 2000 to 3,973 in 2020, this represents an increase of approximately 10% or 19 individuals per year.

### ***Madison Township***

Madison Township's relationship to Lackawanna County's population is projected to steadily increase from 1.2% in 2000 to approximately 1.6% in 2020. Based upon this projection the Township's population is expected to increase from 2,542 in 2000 to approximately 3,345 in 2020. This reflects an increase of nearly 32% or approximately 40 individuals per year.

### ***Salem Township***

Salem Township's relationship to Wayne County's population is projected to gradually increase from 7.7% in 2000 to 8.1% in 2020. Accordingly, the Township's population would increase from a total population of 3,664 in 2000 to approximately 4,763 in 2020. This reflects an increase of 30% or approximately 55 individuals per year.

Table No. 16 below, details population projections for the Townships' based on trends from 1960 to 2000.

Table No. 16

Population Projection Based on Forty-Year Trends, 1960-2020  
Jefferson Township and Madison Township, Lackawanna County, PA  
Salem Township, Wayne County, PA

<u>Year</u>	<u>Jefferson Township</u>	<u>Madison Township</u>	<u>Salem Township</u>
1960	1,195	788	1,324
1970	1,809	993	1,581
1980	3,132	1,659	2,538
1990	3,438	2,207	2,933
2000	3,592	2,542	3,664
<b>2005</b>	<b>3,732*</b>	<b>2,798*</b>	<b>3,890*</b>
<b>2010</b>	<b>3,847*</b>	<b>3,019*</b>	<b>4,171*</b>
<b>2015</b>	<b>3,962*</b>	<b>3,240*</b>	<b>4,453*</b>
<b>2020</b>	<b>4,077*</b>	<b>3,461*</b>	<b>4,734*</b>

Source: \* M.A. Brotter Consulting Services Projections

It should be noted that the Townships' population counts for the years 1960 and 1970 were excluded from the projections. The large increases between 1960 to 1970 are considered to be unique occurrences, due in part to the relatively small populations at the beginning of the study period, and they are not likely to be repeated.

### ***Jefferson Township***

As shown in Table No. 16, Jefferson Township's population is projected to increase by approximately 3% every five (5) years or 24 people annually. Based upon this projection the Township will have a 2020 population of approximately 4,077.

### ***Madison Township***

Based upon the 40-year trend, Madison Township's population is projected to increase from a total of 2,542 in 2000 to approximately 3,461 in 2020. This reflects a 36% increase or nearly 46 individuals annually.

***Salem Township***

As shown in Table No. 16 above, Salem Township’s population is expected to increase by approximately 7% every five (5) years. Based upon this projection the Township will increase from a population of approximately 3,664 in 2000 to 4,734 in 2020. This represents an average annual increase of approximately 54 persons per year.

Table No. 17 below, averages the projections from Table No. 15 and Table No. 16.

Table No. 17

Population Projection Averages  
 Jefferson Township and Madison Township, Lackawanna County, P.A.  
 Salem Township, Wayne County, PA, 2020

<u>Year</u>	<u>Jefferson Township</u>			<u>Madison Township</u>			<u>Salem Township</u>		
	<u>Table No. 15</u>	<u>Table No. 16</u>	<u>Average</u>	<u>Table No. 15</u>	<u>Table No. 16</u>	<u>Average</u>	<u>Table No. 15</u>	<u>Table No. 16</u>	<u>Average</u>
2005	3,610	3,732	<b>3,671</b>	2,760	2,798	<b>2,779</b>	3,845	3,890	<b>3,867</b>
2010	3,804	3,847	<b>3,825</b>	2,958	3,019	<b>2,988</b>	4,179	4,171	<b>4,175</b>
2015	3,889	3,962	<b>3,925</b>	3,153	3,240	<b>3,196</b>	4,468	4,453	<b>4,460</b>
2020	3,973	4,077	<b>4,025</b>	3,345	3,461	<b>3,403</b>	4,763	4,734	<b>4,748</b>

Source: M.A. Brotter Consulting Services

Both Table No. 15 and Table No. 16 have rendered different projections for the 2020 populations for Jefferson Township, Madison Township, and Salem Township. To more accurately predict the actual 2020 population an average was tabulated from all of the projections. Based on Table No. 17, in the year 2020, Jefferson Township will have a population of 4,025 ; Madison Township will be at 3,403; and Salem Township will be at 4,748.