



Lehigh Valley Planning Commission

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POPULATION PROJECTIONS FOR LEHIGH AND NORTHAMPTON COUNTIES: 2010-2040

July 2012

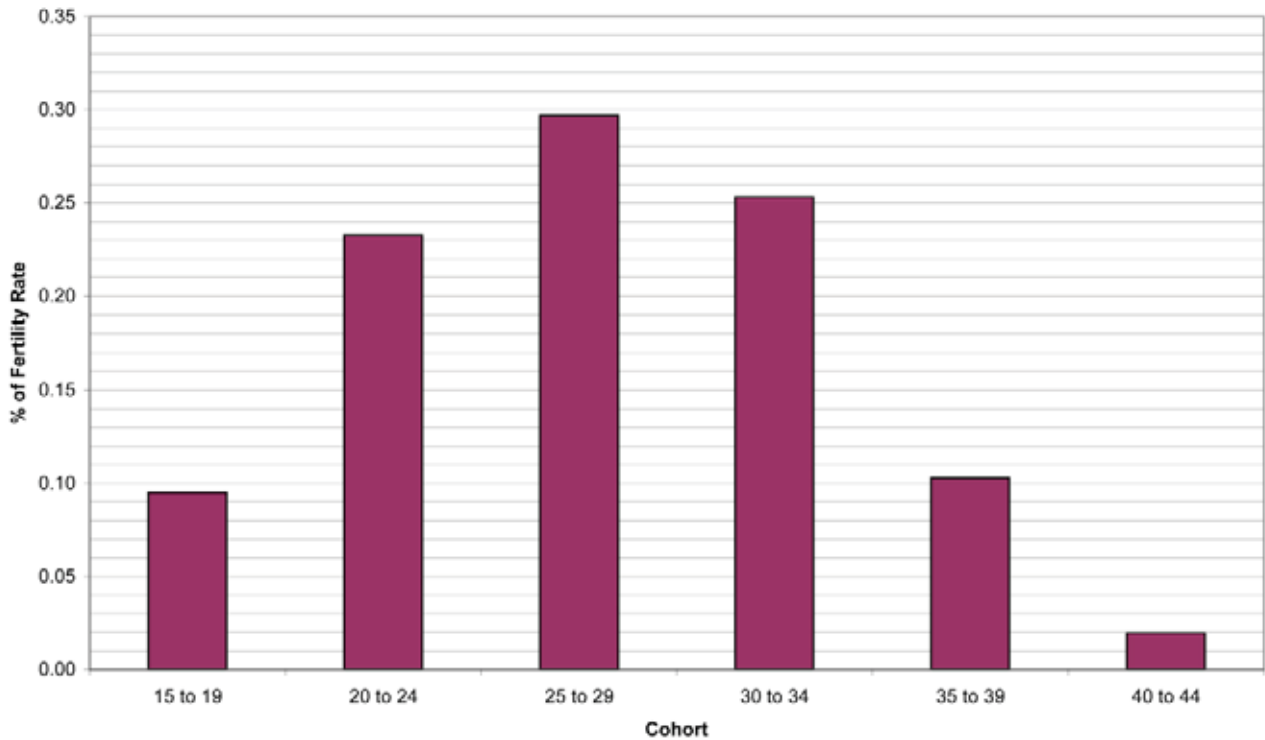
The Lehigh Valley Planning Commission (LVPC) periodically creates projections of future population for the Lehigh Valley for use in the regional comprehensive plan for Lehigh and Northampton counties. Population projections are needed for a 20- to 30-year horizon to identify growth issues associated with land use, resource protection and infrastructure planning. The LVPC's projections provide data needed to forecast the Valley's future transportation, sewer, water and park needs. In 2006, the U.S. Census Bureau released municipal and county population estimates for July 1, 2005, and the LVPC created updated population projections for Lehigh County, Northampton County and the two-county region for the period of 2005 through 2030. In 2011, the U.S. Census Bureau released the official 2010 Census population data. This data has been used to update the LVPC population projections and extend the time horizon to 2040.

In the Lehigh Valley, population growth is caused by natural increases (more births than deaths) and migration of people into the region. Population projections for the Valley are most strongly influenced by the migration of people in or out of the region. Over the past several decades, both Lehigh and Northampton counties have experienced a strong migration of people into the area. During the 2000s this influx of people increased dramatically: Lehigh County added about 30,300 people from migration and Northampton County added about 30,100 people. These numbers reflect net migration — meaning that, even though people moved both in and out of each county, those moving in outnumbered those that left by these totals. Migration accounted for over 80% of Lehigh County's total population growth of 37,407 during the 2000s and nearly 100% of the 30,669 population growth in Northampton County during the decade.

The total population change is a product of three factors: births, deaths, and migration as mentioned above. Births are expressed as a fertility rate, or the number of children a female is expected to have over her lifetime. Table 1 below shows the total fertility rates for each County and compares them to the state average from the Penn State Data Center (PSDC). Figure 1 below shows how the rates differ between age groups.

Year	Lehigh	Northampton	PSDC PA Total
2000-2005	1.90	1.66	1.79
2005-2010	1.93	1.69	1.82
2010-2015	1.96	1.72	1.85
2015-2020	1.98	1.74	1.87
2020-2025	2.01	1.77	1.90
2025-2030	2.04	1.79	1.92
2030-2035	2.05	1.79	1.93
2035-2040	2.06	1.81	1.95

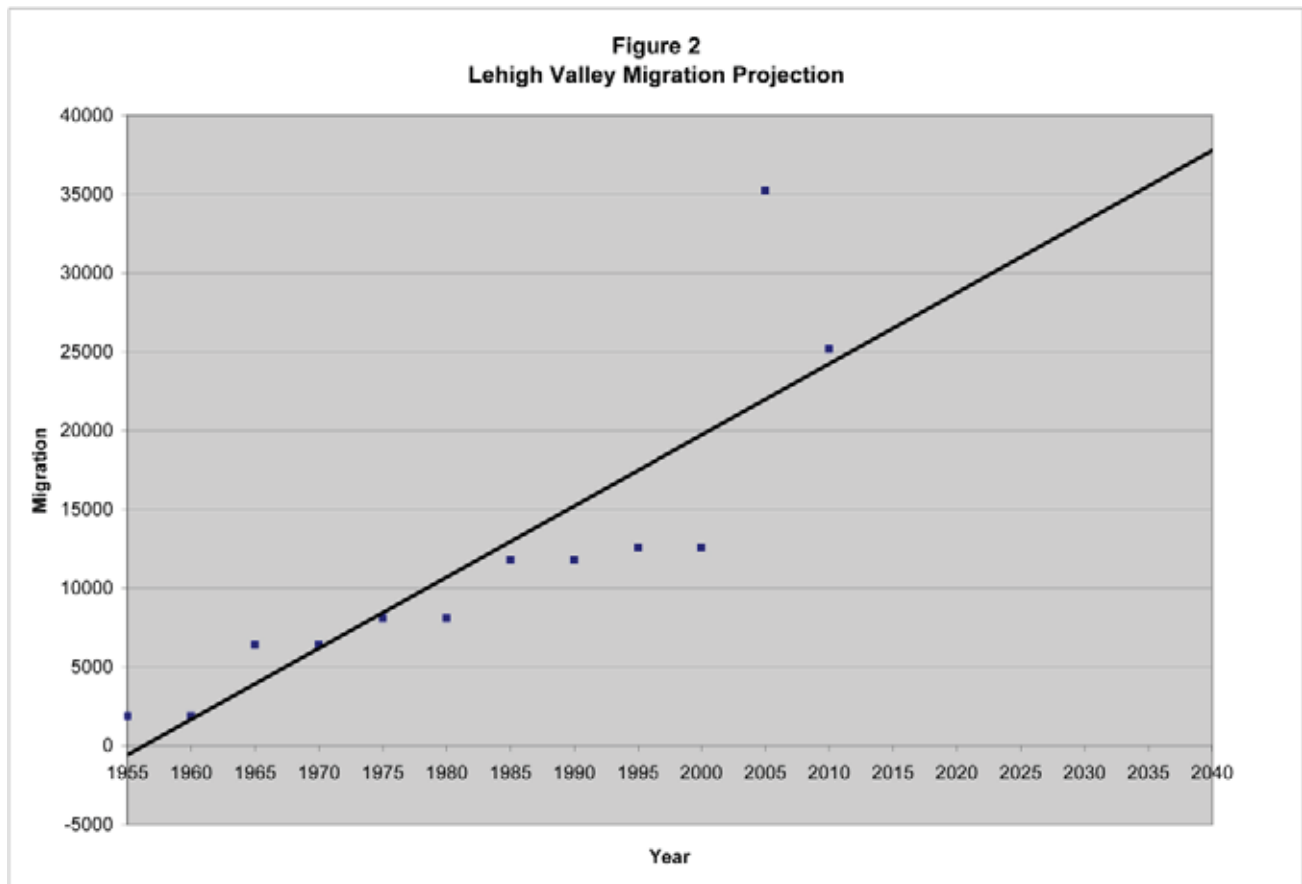
**Figure 1
Model Fertility Profile**



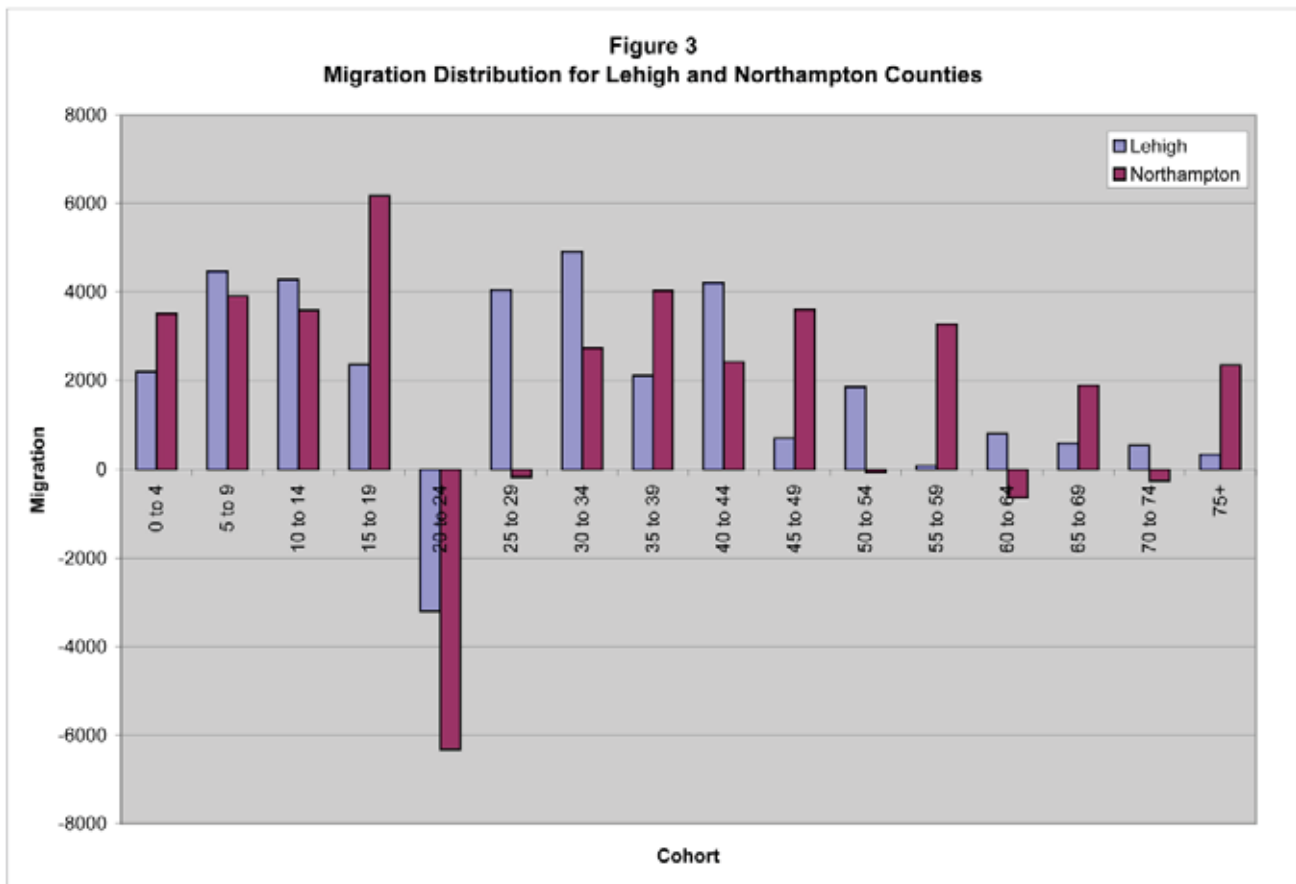
Deaths are expressed as a survival rate, or the probability that a person will survive to be counted in the next cohort (cohorts are groupings of persons by 5-year age ranges, e.g. 0-4, 5-9, etc.). These rates are multiplied by the starting population in a modeling period to calculate the survivors at the end of the period. Survival rates used in the projections are shown in Table 2 below.

Cohort	2000-05 Survival Rate	2005-10 Survival Rate	2010-15 Survival Rate	2015-20 Survival Rate	2020-25 Survival Rate	2025-30 Survival Rate	2030-35 Survival Rate	2035-40 Survival Rate
0 to 4	0.9975	0.9976	0.9977	0.9978	0.9979	0.9980	0.9981	0.9982
5 to 9	0.9991	0.9991	0.9992	0.9992	0.9993	0.9994	0.9994	0.9995
10 to 14	0.9973	0.9974	0.9976	0.9977	0.9978	0.9980	0.9981	0.9983
15 to 19	0.9940	0.9942	0.9945	0.9948	0.9951	0.9954	0.9957	0.9960
20 to 24	0.9925	0.9927	0.9929	0.9932	0.9935	0.9938	0.9942	0.9946
25 to 29	0.9923	0.9924	0.9926	0.9927	0.9931	0.9935	0.9940	0.9946
30 to 34	0.9913	0.9915	0.9918	0.9921	0.9926	0.9931	0.9936	0.9942
35 to 39	0.9875	0.9880	0.9885	0.9889	0.9896	0.9902	0.9907	0.9914
40 to 44	0.9826	0.9835	0.9843	0.9851	0.9859	0.9867	0.9874	0.9881
45 to 49	0.9742	0.9756	0.9769	0.9781	0.9793	0.9804	0.9815	0.9824
50 to 54	0.9609	0.9628	0.9648	0.9666	0.9685	0.9702	0.9719	0.9736
55 to 59	0.9400	0.9429	0.9457	0.9485	0.9514	0.9542	0.9571	0.9600
60 to 64	0.9084	0.9128	0.9166	0.9204	0.9246	0.9287	0.9328	0.9368
65 to 69	0.8625	0.8687	0.8745	0.8797	0.8852	0.8907	0.8956	0.9005
70 to 74	0.7953	0.8049	0.8135	0.8217	0.8294	0.8371	0.8439	0.8504
75+	0.5771	0.5896	0.6017	0.6130	0.6235	0.6335	0.6428	0.6514

The last piece of the population change is migration, which is composed of two parts: total amount and distribution. The total amount of migration can be either into or out of the county, with positive migration expressing more people moving into the county than moving out of the county and negative migration expressing the opposite situation. The distribution is how the total migration is spread across the cohorts. The sum of the migration of all of the individual cohorts is equal to the total migration, but each cohort's migration may be either positive or negative. The average migration projection for the Lehigh Valley is included in Figure 2 below. The average migration distribution for Lehigh and Northampton Counties is included in Figure 3 on page 4. The fertility, survival, and migration data used in the projections were gathered from the U.S. Census Bureau and the Penn State Data Center (PSDC).



With regard to the LVPC projections prepared in 2006, the population projection for 2010 for the Lehigh Valley was quite close to the official 2010 Census population for the region. The LVPC 2010 projection was low by 2,886 persons, or less than 0.5% from the Census data. This was mostly due to an under-prediction of migration in Lehigh County. The projected 2010 population for Lehigh County was 6,565 people less than the 2010 Census, or nearly 2%. On the other hand, the projection for Northampton County was 3,681 higher than the Census, or about 1.2%. Since almost all Lehigh Valley population growth from 2000 to 2010 was the result of migration, some adjustments to the projected migration as built into the most recent projections prepared in 2006 are warranted.

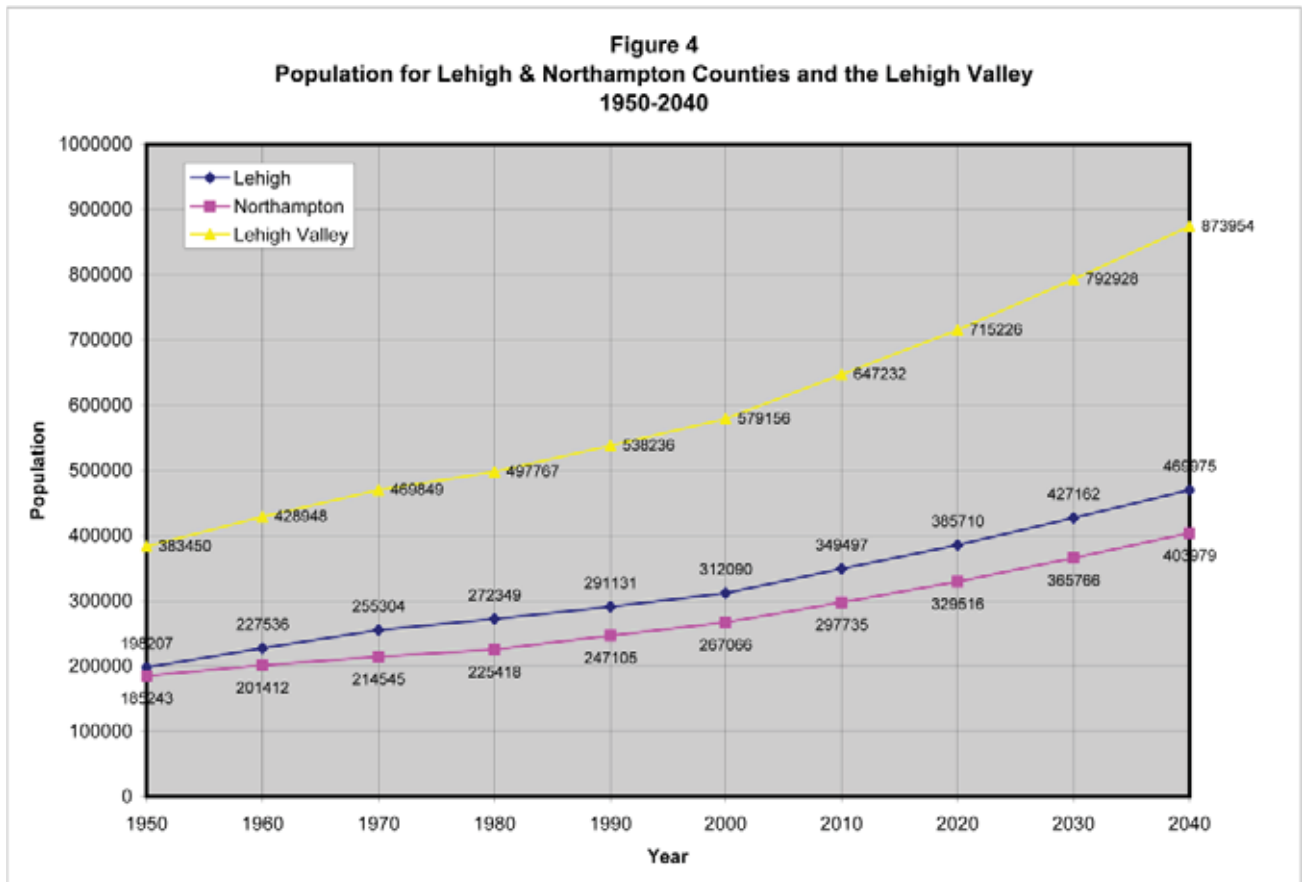


The population projection model the LVPC uses operates with a base Census year, in this case 2000, and then projects population from that base year forward taking into account fertility, survival rates and migration assumptions. Adding the official 2005 Census net migration estimates and the 2010 Census population totals to this model allowed the LVPC to adjust the population projections so that the total population figures for each county and the region match the Census data. Part of this process is to create a migration profile for male and female cohorts for each county so that the year 2000 and 2010 cohorts exactly match the Census data.

Using the population projection model described above, the LVPC projects total persons for each county and the region for each 5-year period from 2015 to 2040. Male and female populations by 5-year age group are also projected. Therefore, the projections are not only valuable for considering impacts of total population growth but also for evaluating impacts by gender and age group. One example is the aging of the baby boom generation that will yield dramatic increases in the older population of the region in the future. Projecting population by age group requires a migration profile or distribution by age and gender as mentioned above that takes into account the fact that not all age groups have the same migration tendencies. For instance, college-bound persons and those in their twenties are more mobile both in and out of the region than are other age groups. The migration profiles developed from the analysis of 2000 to 2010 Census data were applied throughout the projection period of 2010 to 2040 to create the gender and age group projections for each 5-year projection period. Table 3 is a summary of the total births, deaths, and migration predicted by the model from 2010 to 2040. A table and graph showing the growth in the region since 1950 and the projected growth through 2040 are shown on page 5 as Table 4 and Figure 4.

TABLE 3				
2010-2040 Births, Deaths, and Migration				
	Births	Deaths	Migration	Net Growth
Lehigh	154,284	116,610	82,804	120,478
Northampton	105,871	109,660	110,033	106,244
Lehigh Valley	260,155	226,270	192,837	226,722

TABLE 4			
Past and Projected Population in the Lehigh Valley			
	Lehigh	Northampton	Lehigh Valley
1950	198,207	185,243	383,450
1960	227,536	201,412	428,948
1970	255,304	214,545	469,849
1980	272,349	225,418	497,767
1990	291,131	247,105	538,236
2000	312,090	267,066	579,156
2010	349,497	297,735	647,232
2020	385,710	329,516	715,226
2030	427,162	365,766	792,928
2040	469,975	403,979	873,954



Key characteristics of the Northampton County migration distribution are as follows:

- Five age groups have net migration out of the county — the 20–24, 25–29, 50–54, 60–64, and 70–74 age groups. Of these five, the 20–24 age group shows the most significant migration. Of the other four age groups, only the 60–64 age group shows a change greater than 250 people.
- Beginning in their early thirties, people are bringing their families to live in Northampton County. This accounts for the strong in-migration of both the 30–34 and older age groups and the 14 and under age groups.
- The strongest “parent” in-migration is in the 35–39 age group and the strongest “child” in-migration is in the 5–9 age group. This suggests that many couples are beginning families when in their early thirties.
- College-bound young adults in the 15–19 age group are also migrating into the county to attend local colleges and universities. This trend is evident for both men and women but is much stronger among men.
- After college, both men and women are leaving the county to take jobs or pursue opportunities elsewhere.
- The most dramatic migration is for males coming into Northampton County at college age and leaving in the 20–24 age group.

Key characteristics of the Lehigh County migration distribution are as follows:

- Beginning in their late twenties, people are bringing their families to live in Lehigh County. This accounts for the strong in-migration of both the 25–29 and older age groups and the 14 and under age groups. This is similar to the trend in Northampton County, although Lehigh County also includes the 25–29 age group.
- Young adults are migrating in for college and leaving after college. This is a more noticeable trend in men than in women. However, the magnitude of these migrations is not as large as they are in Northampton County.
- Men come back into Lehigh County in their late 20s presumably for job opportunities.
- At age 60 and above, there is net in-migration to Lehigh County, particularly among men.

Key statistics about the population projections are as follows:

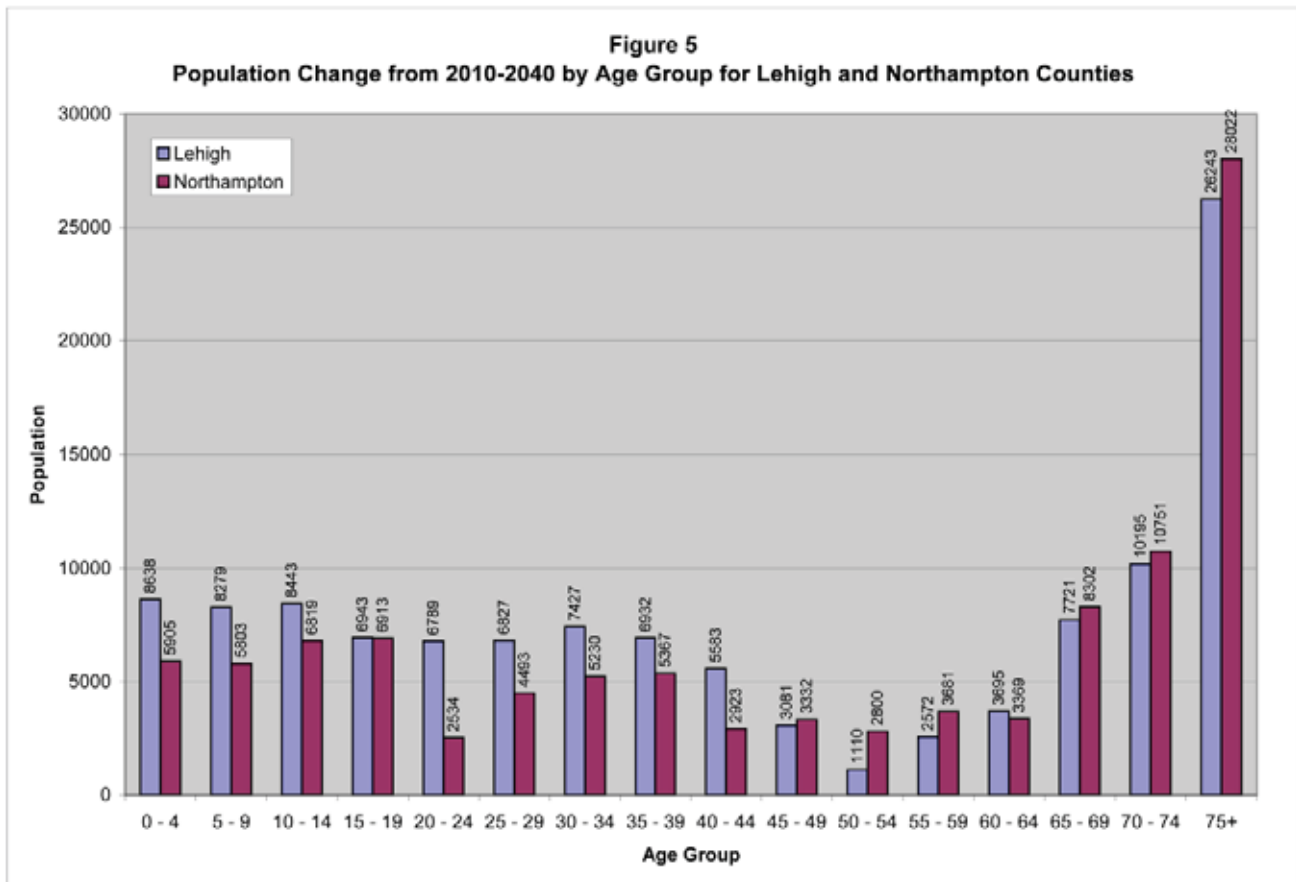
- The Lehigh Valley population will increase by 226,722 people from 2010 to 2040 or by 35% over three decades. This projected increase in population represents faster growth than experienced over the previous 30 years (1980–2010) during which the population increased by 30% (although a large part of that increase occurred from 2000 to 2010).
- Lehigh County’s population will increase by 120,478 people from 2010 to 2040, or 11.5% per decade. In comparison, the population grew at a rate of 9.4% per decade over the previous 30 years.
- Northampton County’s population will increase by 106,244 people from 2010 to 2040, or 11.9% per decade. In comparison, the population grew at a rate of 10.7% per decade over the previous 30 years.
- Northampton County’s population over the projection period will increase by a larger percentage than Lehigh County’s population because of additional migration as well as a smaller starting population. Lehigh County will experience a net migration of about 82,800 people over

the projection period compared to the 110,000 people Northampton County will gain due to migration over the same period. Thus, Northampton County is projected to receive about 1.33 times as much net migration as Lehigh County.

- Northampton County’s net migration is stronger than Lehigh County’s because it is closer to the main inflow of people from New York and New Jersey.
- Lehigh County’s population will increase by more people than Northampton County’s over the projection period. This is due to a much higher fertility rate in Lehigh County than in Northampton County. From 2010 to 2040, there are projected to be 154,284 births in Lehigh County and only 117,153 deaths leading to a population growth of 37,131 persons. In the same period in Northampton County there are projected to be only 105,871 births and 109,666 deaths leading to a population decrease of 3,795 persons. However, since migration into Northampton County is greater than migration into Lehigh County, the difference in net growth is not as large. Lehigh County’s net growth is projected to be 119,935 compared to Northampton County’s 106,238; a difference of 13,697.

The age distribution will be changing dramatically over the projection period as the baby boomers move from the mid-years of the population to the older years. Table 5 below shows total population change by age group for 2015 to 2040. A graph showing the change for each county is also included as Figure 5 on page 8.

TABLE 5	
Cohort	Total Change from 2010-2040
0 - 4	14,543
5 - 9	14,082
10 - 14	15,262
15 - 19	13,856
20 - 24	9,323
25 - 29	11,320
30 - 34	12,657
35 - 39	12,299
40 - 44	8,506
45 - 49	6,413
50 - 54	3,910
55 - 59	6,253
60 - 64	7,064
65 - 69	16,023
70 - 74	20,946
75+	54,265



Several key elements of the projected population change are as follows:

- All age groups show an increase in population from 2010 to 2040. The largest increases on a percentage basis are for the 70-74 and 75+ age groups, which show approximately 100% increases. The 65-69 age group has the next largest increase over this period at approximately 60%. The largest numerical population increase from 2010 to 2040 is approximately 54,000 persons in the 75+ age group.
- The 0-4, 5-9, 10-14, and 15-19 age groups all increase each 5-year period except for the 15-19 age group in 2015.
- The 15-19 age group surpasses the 45-49/50-54 age groups to become the second largest age group in 2025.
- In 2010, 27.7% of the Lehigh Valley population was 55 or older. It is projected that in 2040, 32.5% of the regional population will be 55 or older.
- The number of people in the Lehigh Valley that are 55 or older will increase by 58.3% from 179,097 in 2010 to 283,648 in 2040.
- In 2010, 15.2% of the Lehigh Valley population was 65 or older. It is projected that in 2040, 21.7% of the regional population will be 65 or older.
- The number of people in the Lehigh Valley that are 65 or older will increase by 92.9% from 98,210 in 2010 to 189,444 in 2040.
- In 2010, 7.8% of the Lehigh Valley population was 75 or older. It is projected that in 2040, 12.0% of the regional population will be 75 or older. However, the number of people in the

Lehigh Valley that are 75 or older will more than double, increasing by 107.6% from 50,439 in 2010 to 104,704 in 2040. This is a larger increase than predicted in the 2006 model. This is mostly due to updated survival rates used in the new model, which increase over time and cause the 75+ population to increase rapidly in the second-half of the project period since there is little out-migration.

- The 55-59, 60-64, 65-69, and 70-74 age groups peak in population prior to 2040, but the difference between the peak population and the 2040 population is not large.

The year 2010 Census population for Lehigh County, Northampton County and the two-county region can be found in Table 6 on the following page. Data is provided for both male and female populations by 5-year age group. Projected populations by age, gender, county and region for each 5-year period from 2015 to 2040 can also be found beginning in Table 6 as well.

The LVPC will continue to monitor population changes for Lehigh and Northampton counties and will make future adjustments to the population projections as needed.

TABLE 6									
2010 Census									
Age	LEHIGH COUNTY			NORTHAMPTON COUNTY			LEHIGH VALLEY		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
0 - 4	11,047	10,359	21,406	8,229	8,002	16,231	19,276	18,361	37,637
5 - 9	11,629	10,942	22,571	9,135	8,840	17,975	20,764	19,782	40,546
10 - 14	12,064	11,507	23,571	9,556	9,101	18,657	21,620	20,608	42,228
15 - 19	12,492	12,218	24,710	11,374	10,523	21,897	23,866	22,741	46,607
20 - 24	10,282	10,869	21,151	10,480	9,314	19,794	20,762	20,183	40,945
25 - 29	10,404	10,711	21,115	8,104	7,943	16,047	18,508	18,654	37,162
30 - 34	10,486	10,770	21,256	7,762	8,272	16,034	18,248	19,042	37,290
35 - 39	10,714	11,141	21,855	9,035	9,294	18,329	19,749	20,435	40,184
40 - 44	11,915	12,357	24,272	10,356	10,668	21,024	22,271	23,025	45,296
45 - 49	13,010	13,761	26,771	11,511	11,608	23,119	24,521	25,369	49,890
50 - 54	13,200	13,534	26,734	11,509	12,107	23,616	24,709	25,641	50,350
55 - 59	11,228	11,689	22,917	10,104	10,476	20,580	21,332	22,165	43,497
60 - 64	9,326	10,238	19,564	8,581	9,245	17,826	17,907	19,483	37,390
65 - 69	6,615	7,671	14,286	6,215	6,859	13,074	12,830	14,530	27,360
70 - 74	4,910	5,911	10,821	4,350	5,240	9,590	9,260	11,151	20,411
75+	9,990	16,507	26,497	9,085	14,857	23,942	19,075	31,364	50,439
Total	169,312	180,185	349,497	145,386	152,349	297,735	314,698	332,534	647,232

2015 Projection									
Age	LEHIGH COUNTY			NORTHAMPTON COUNTY			LEHIGH VALLEY		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
0 - 4	11,744	11,073	22,817	8,511	8,572	17,083	20,255	19,645	39,900
5 - 9	11,881	11,228	23,109	9,476	8,626	18,102	21,357	19,854	41,211
10 - 14	12,499	11,730	24,229	9,860	9,849	19,709	22,359	21,579	43,938
15 - 19	12,399	12,053	24,452	11,074	10,560	21,634	23,473	22,613	46,086
20 - 24	11,524	11,849	23,373	10,146	8,592	18,738	21,670	20,441	42,111
25 - 29	11,046	11,590	22,636	9,861	9,761	19,622	20,907	21,351	42,258
30 - 34	11,193	11,737	22,930	8,613	8,685	17,298	19,806	20,422	40,228
35 - 39	10,890	11,064	21,954	8,555	9,348	17,903	19,445	20,412	39,857
40 - 44	11,207	12,107	23,314	9,907	9,445	19,352	21,114	21,552	42,666
45 - 49	11,872	12,380	24,252	10,805	11,722	22,527	22,677	24,102	46,779
50 - 54	13,116	13,898	27,014	11,549	11,120	22,669	24,665	25,018	49,683
55 - 59	12,696	13,327	26,023	11,904	12,652	24,556	24,600	25,979	50,579
60 - 64	10,798	11,427	22,225	9,018	10,355	19,373	19,816	21,782	41,598
65 - 69	8,603	9,884	18,487	8,654	8,902	17,556	17,257	18,786	36,043
70 - 74	5,871	7,194	13,065	4,984	6,657	11,641	10,855	13,851	24,706
75+	10,304	16,362	26,666	9,865	15,088	24,953	20,169	31,450	51,619
Total	177,643	188,903	366,546	152,782	159,934	312,716	330,425	348,837	679,262

TABLE 6 (continued)**2020 Projection**

Age	LEHIGH COUNTY			NORTHAMPTON COUNTY			LEHIGH VALLEY		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
0 - 4	12,673	11,952	24,625	9,121	9,198	18,319	21,794	21,150	42,944
5 - 9	12,634	12,000	24,634	9,885	9,260	19,145	22,519	21,260	43,779
10 - 14	12,810	12,069	24,879	10,274	9,738	20,012	23,084	21,807	44,891
15 - 19	12,859	12,313	25,172	11,533	11,455	22,988	24,392	23,768	48,160
20 - 24	11,375	11,663	23,038	9,734	8,438	18,172	21,109	20,101	41,210
25 - 29	12,338	12,619	24,957	9,477	9,089	18,566	21,815	21,708	43,523
30 - 34	11,889	12,685	24,574	10,415	10,577	20,992	22,304	23,262	45,566
35 - 39	11,626	12,053	23,679	9,488	9,873	19,361	21,114	21,926	43,040
40 - 44	11,427	12,103	23,530	9,535	9,523	19,058	20,962	21,626	42,588
45 - 49	11,193	12,147	23,340	10,433	10,630	21,063	21,626	22,777	44,403
50 - 54	12,045	12,566	24,611	10,903	11,208	22,111	22,948	23,774	46,722
55 - 59	12,636	13,706	26,342	12,044	11,779	23,823	24,680	25,485	50,165
60 - 64	12,233	13,045	25,278	10,699	12,506	23,205	22,932	25,551	48,483
65 - 69	9,996	11,056	21,052	9,168	9,997	19,165	19,164	21,053	40,217
70 - 74	7,660	9,284	16,944	7,117	8,610	15,727	14,777	17,894	32,671
75+	11,458	17,597	29,055	11,088	16,721	27,809	22,546	34,318	56,864
Total	186,852	198,858	385,710	160,914	168,602	329,516	347,766	367,460	715,226

2025 Projection

Age	LEHIGH COUNTY			NORTHAMPTON COUNTY			LEHIGH VALLEY		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
0 - 4	13,544	12,772	26,316	9,672	9,766	19,438	23,216	22,538	45,754
5 - 9	13,619	12,937	26,556	10,622	9,950	20,572	24,241	22,887	47,128
10 - 14	13,621	12,893	26,514	10,757	10,474	21,231	24,378	23,367	47,745
15 - 19	13,195	12,690	25,885	12,102	11,493	23,595	25,297	24,183	49,480
20 - 24	11,778	11,901	23,679	10,077	9,141	19,218	21,855	21,042	42,897
25 - 29	12,249	12,484	24,733	9,017	8,983	18,000	21,266	21,467	42,733
30 - 34	13,234	13,784	27,018	10,095	9,985	20,080	23,329	23,769	47,098
35 - 39	12,355	13,022	25,377	11,367	11,872	23,239	23,722	24,894	48,616
40 - 44	12,203	13,158	25,361	10,562	10,068	20,630	22,765	23,226	45,991
45 - 49	11,429	12,156	23,585	10,136	10,826	20,962	21,565	22,982	44,547
50 - 54	11,421	12,365	23,786	10,582	10,104	20,686	22,003	22,469	44,472
55 - 59	11,621	12,419	24,040	11,521	11,958	23,479	23,142	24,377	47,519
60 - 64	12,226	13,445	25,671	10,814	11,705	22,519	23,040	25,150	48,190
65 - 69	11,372	12,639	24,011	10,839	12,088	22,927	22,211	24,727	46,938
70 - 74	8,946	10,413	19,359	7,574	9,690	17,264	16,520	20,103	36,623
75+	13,836	20,474	34,310	13,849	19,784	33,633	27,685	40,258	67,943
Total	196,649	209,552	406,201	169,586	177,887	347,473	366,235	387,439	753,674

TABLE 6 (continued)**2030 Projection**

Age	LEHIGH COUNTY			NORTHAMPTON COUNTY			LEHIGH VALLEY		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
0 - 4	14,227	13,412	27,639	10,054	10,173	20,227	24,281	23,585	47,866
5 - 9	14,546	13,815	28,361	11,299	10,582	21,881	25,845	24,397	50,242
10 - 14	14,665	13,883	28,548	11,568	11,266	22,834	26,233	25,149	51,382
15 - 19	14,030	13,551	27,581	12,741	12,376	25,117	26,771	25,927	52,698
20 - 24	12,056	12,256	24,312	10,530	8,988	19,518	22,586	21,244	43,830
25 - 29	12,708	12,772	25,480	9,306	9,733	19,039	22,014	22,505	44,519
30 - 34	13,208	13,720	26,928	9,699	9,957	19,656	22,907	23,677	46,584
35 - 39	13,729	14,143	27,872	11,141	11,395	22,536	24,870	25,538	50,408
40 - 44	12,972	14,194	27,166	12,526	12,081	24,607	25,498	26,275	51,773
45 - 49	12,213	13,217	25,430	11,218	11,486	22,704	23,431	24,703	48,134
50 - 54	11,692	12,403	24,095	10,333	10,271	20,604	22,025	22,674	44,699
55 - 59	11,034	12,239	23,273	11,309	10,965	22,274	22,343	23,204	45,547
60 - 64	11,305	12,226	23,531	10,294	11,922	22,216	21,599	24,148	45,747
65 - 69	11,420	13,065	24,485	11,069	11,366	22,435	22,489	24,431	46,920
70 - 74	10,232	11,933	22,165	9,067	11,706	20,773	19,299	23,639	42,938
75+	16,612	23,684	40,296	16,233	23,112	39,345	32,845	46,796	79,641
Total	206,649	220,513	427,162	178,387	187,379	365,766	385,036	407,892	792,928

2035 Projection

Age	LEHIGH COUNTY			NORTHAMPTON COUNTY			LEHIGH VALLEY		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
0 - 4	14,711	13,862	28,573	10,403	10,549	20,952	25,114	24,411	49,525
5 - 9	15,286	14,514	29,800	11,809	11,053	22,862	27,095	25,567	52,662
10 - 14	15,650	14,814	30,464	12,319	12,000	24,319	27,969	26,814	54,783
15 - 19	15,099	14,577	29,676	13,707	13,316	27,023	28,806	27,893	56,699
20 - 24	12,833	13,094	25,927	11,053	9,678	20,731	23,886	22,772	46,658
25 - 29	13,045	13,177	26,222	9,705	9,628	19,333	22,750	22,805	45,555
30 - 34	13,728	14,080	27,808	10,048	10,784	20,832	23,776	24,864	48,640
35 - 39	13,742	14,103	27,845	10,838	11,480	22,318	24,580	25,583	50,163
40 - 44	14,381	15,381	29,762	12,406	11,629	24,035	26,787	27,010	53,797
45 - 49	12,991	14,259	27,250	13,226	13,604	26,830	26,217	27,863	54,080
50 - 54	12,500	13,481	25,981	11,436	10,897	22,333	23,936	24,378	48,314
55 - 59	11,314	12,294	23,608	11,165	11,219	22,384	22,479	23,513	45,992
60 - 64	10,788	12,079	22,867	10,071	10,997	21,068	20,859	23,076	43,935
65 - 69	10,613	11,935	22,548	10,707	11,610	22,317	21,320	23,545	44,865
70 - 74	10,337	12,369	22,706	9,281	11,093	20,374	19,618	23,462	43,080
75+	19,690	27,485	47,175	19,291	27,477	46,768	38,981	54,962	93,943
Total	216,708	231,504	448,212	187,465	197,014	384,479	404,173	428,518	832,691

TABLE 6 (continued)**2040 Projection**

Age	LEHIGH COUNTY			NORTHAMPTON COUNTY			LEHIGH VALLEY		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
0 - 4	15,469	14,575	30,044	10,988	11,148	22,136	26,457	25,723	52,180
5 - 9	15,827	15,023	30,850	12,285	11,493	23,778	28,112	26,516	54,628
10 - 14	16,449	15,565	32,014	12,903	12,573	25,476	29,352	28,138	57,490
15 - 19	16,108	15,545	31,653	14,613	14,197	28,810	30,721	29,742	60,463
20 - 24	13,843	14,097	27,940	11,902	10,426	22,328	25,745	24,523	50,268
25 - 29	13,878	14,064	27,942	10,175	10,365	20,540	24,053	24,429	48,482
30 - 34	14,127	14,556	28,683	10,507	10,757	21,264	24,634	25,313	49,947
35 - 39	14,300	14,487	28,787	11,278	12,418	23,696	25,578	26,905	52,483
40 - 44	14,444	15,411	29,855	12,212	11,735	23,947	26,656	27,146	53,802
45 - 49	14,402	15,450	29,852	13,178	13,273	26,451	27,580	28,723	56,303
50 - 54	13,303	14,541	27,844	13,450	12,966	26,416	26,753	27,507	54,260
55 - 59	12,118	13,371	25,489	12,337	11,924	24,261	24,455	25,295	49,750
60 - 64	11,101	12,158	23,259	9,911	11,284	21,195	21,012	23,442	44,454
65 - 69	10,179	11,828	22,007	10,619	10,757	21,376	20,798	22,585	43,383
70 - 74	9,672	11,344	21,016	8,964	11,377	20,341	18,636	22,721	41,357
75+	22,013	30,727	52,740	21,750	30,214	51,964	43,763	60,941	104,704
Total	227,233	242,742	469,975	197,072	206,907	403,979	424,305	449,649	873,954