

# Lackawanna County Migration Patterns 1990-2008

1/1/2010

The Institute for Public Policy & Economic Development

The **INSTITUTE** for  
Public Policy & Economic Development

*A partnership among Keystone College, King's College, Luzerne County Community College,  
Marywood University, Misericordia University, Penn State Wilkes-Barre, The Commonwealth Medical College,  
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## Table of Contents

I. Executive Summary.....	3
II. Research Methodology .....	5
III. Determining the Source .....	5
IV. Understanding the Source .....	8
V. Breaking down the Source.....	10
Pennsylvania Migration Data .....	10
New York Migration Data.....	12
New Jersey Migration Data.....	15
IV. County Rankings .....	18
VII. Conclusion.....	19

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## I. Executive Summary

Since The Institute for Public Policy & Economic Development (The Institute) last examined Lackawanna County's population shift in our report *The Rise of Lackawanna County: 2007 Update*, additional migration data from the Internal Revenue Service (IRS) has become available. New data now includes information for 2007 and 2008, warranting an update to our last report.

Migration data provided by the Internal Revenue Service (IRS) allowed The Institute to track the movement of people between states and counties. Upon review of this information, The Institute has determined that Lackawanna County experienced more in-migration and that a significant amount of that in-migration is attributable to Pennsylvania's neighboring states.

In 2007-2008, Lackawanna County's total in-migration was 5,527 people—a decrease of .54% from 2006-2007. The same year, the county's total out-migration was 5,344 a 3.2% increase (or 183 people).

Lackawanna County Migration 2007-2008		
In	Out	Net
5,527	5,344	183

The in-migration data by state was examined first and found that Pennsylvania counties accounted for 76.15% of all in-migration to Lackawanna County. The states contributing the next highest number of in-migrants to Lackawanna County included New York (10.58%) and New Jersey (7.46%). Next, county data was examined, to more precisely determine exact in-migration sources.

The data showed that in-migration from other Pennsylvania counties, New York and New Jersey has increased in nearly every year since 2000. To identify potential migration patterns, a comparison of information in two time periods — 1990 to 2008 and 2000 to 2008 was reviewed.

Out-migration from New York and New Jersey for points westward occurred largely because of exorbitant housing and living costs. As more people moved out of those states each year, housing and living costs in the Poconos and Lehigh Valley regions increased. It should be noted that movement from Philadelphia and its expensive suburbs also added to the Lehigh Valley's growth; such movement is now impacting our region.

The Institute believes that Northeastern Pennsylvania is poised for growth not only because of its affordable and available housing at all price points, but also because of other favorable factors – such as costs of living and quality of place. This region is not only geographically desirable, but also has many manmade and natural resources with a number of recreational, arts

and culture activities and venues. In addition, our region's proximity to major markets like New York City, Philadelphia, Washington, D.C., and Boston, add to the its attractiveness. Finally, the region transportation corridors and local airport are also attractive assets for those considering relocating here.

The migration data studied highlighted some very interesting points regarding the in-migration of residents to Lackawanna County. Primarily, different economic groups have moved into the region. Low-moderate income and middle to upper middle income families have increasingly come to our region. In addition, sales of higher priced homes were on the rise through 2008 and valuation of all homes has also increased, as housing demand rose. We expect that this will continue as population growth continues. This may be one reason why our region's housing market decline was not nearly as severe as many other parts of the nation.

Many of this region's middle-upper middle income residents maintained employment outside the region as wages and opportunities are not as strong as other relatively nearby areas. This means that on a daily basis there is a lost portion of population to Lehigh Valley, Philadelphia, New York, and New Jersey, which contributed to sales leakage, as such residents spent their money en-route to and in the cities in which they work. Assessing the skills of this population segment and finding ways to recruit companies and/or create business start ups to employ them would be a win- win situation.

The low-moderate income group worked locally within our region. Prior to the 2008 economic recession, our region's unemployment rate was declining; in the third and fourth quarter of 2007, employers had difficulty finding employees. This drove wages slightly upward during that time period.

The following state/counties have had the largest impact on Lackawanna County's in-migration:

- Pennsylvania: Luzerne, Wayne, Susquehanna, Wyoming and Monroe Counties
- New York: Kings, Queens, Bronx, Suffolk and Broome Counties
- New Jersey: Bergen, Middlesex, Hudson, Passaic and Essex Counties

This report's takeaway is two-fold. First, The Institute found that Lackawanna and Luzerne Counties followed similar population patterns, and, as a result, experienced similar opportunities and challenges. Going forward, working collaboratively to enhance opportunities while mitigating challenges would be an ideal situation. Second, this was the first time since the 1950's that this region experienced population growth. Given that retrenchment has been the norm and there has been limited or no future planning, local government, non-profits, institutions, economic development and workforce development providers should work together to prepare a growth plan. A number of regions have successfully planned for growth and this region can capitalize on their progress and learn from their mistakes. It must be clear that collaboration, cooperation, and innovative thinking will allow this region to capitalize on all

the wonderful opportunities that population growth can bring. Moving forward requires a thoughtful, yet open-minded process.

## II. Research Methodology

County-to-county migration flow data provided by the Internal Revenue Service (IRS) showed migration patterns by county based on address changes on individual income tax returns.<sup>1</sup> The numbers change each year because of migration, births and deaths, marriage, etc. Each county-to-county flow is “significant” if it contains a minimum of ten returns, or if the low is at least 0.5% of all county migrant exemptions.

The counties considered in this analysis were selected because of the high number of migrants they contribute to Lackawanna’s population. This study examined population changes by comparing the number of in-migrants to out-migrants by state and county over a specific period of time.

## III. Determining the Source

### *Lackawanna County Migration Data*

Lackawanna County’s in-migration varied over the eighteen-year-period; it was significantly lower than out-migration until it began to rise in 2002. Lackawanna County’s in-migrants have increased each year since 1999-2000. In 2002-2003, in-migration outpaced out-migration for the first time and has continued to grow ever since.

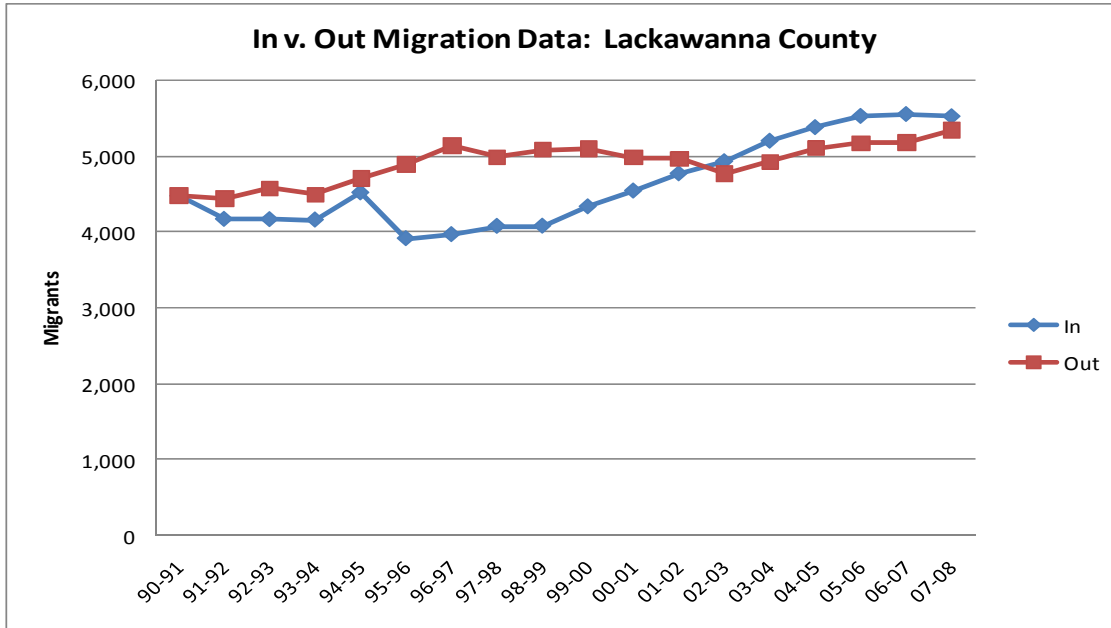
This report reveals dominant regions from where such in-migration came. The data reveals that Pennsylvania counties contribute the greatest number of people to Lackawanna County (approximately 76.15%), followed by the states of New York and New Jersey, comprising 10.58% and 7.46% of Lackawanna County’s total in-migration, respectively. Many other regions are responsible for less than 1% of Lackawanna County’s total in-migration. The information in this report is presented in two time periods– 1990 to 2008 and 2000 to 2008.

For both time periods, Luzerne, Wayne and Wyoming Counties contributed most to Lackawanna County’s in-migration. In New York, Kings, Broome and Queens Counties contributed most to Lackawanna County’s in-migration, while, in New Jersey, Middlesex, Morris and Essex Counties were the largest contributors.

Because this is the first time since the 1950’s that Lackawanna County experienced population growth looking ahead to government, economic development and job market impacts is critical.

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<sup>1</sup> <http://www.irs.gov/taxstats/indtaxstats/article/0,,id=96816,00.html>



This table below details Lackawanna County’s overall in-migration from 1990 to 2008. It includes annual IRS data from the highest contributing states to Lackawanna County. Over the eighteen years examined, the county’s in-migrants largely came from sixteen states and several foreign regions.

Lackawanna County In-Migration 1990-2008			
Rank	Location	Total	Percentage
1	Pennsylvania	44,184	76.15%
2	New York	6,138	10.58%
3	New Jersey	4,326	7.46%
4	Foreign	1,280	2.21%
5	Florida	817	1.41%
6	California	344	0.59%
7	Connecticut	214	0.37%
8	Arizona	193	0.33%
9	Virginia	152	0.26%
10	Maryland	123	0.21%
11	Delaware	67	0.12%
12	North Carolina	50	0.09%
13	Rhode Island	34	0.06%
14	Kansas	26	0.04%
15	Massachusetts	22	0.04%
16	Nevada	36	0.06%
17	Illinois	20	0.03%

In 2007-2008, several notable changes occurred. First, while Pennsylvania counties previously comprised 76.4% of Lackawanna County’s total in-migrants, in 2007-2008 that percentage dropped slightly to 76.15%; conversely, New York counties previously comprised 10.3% of Lackawanna County’s total in-migration and, in 2007-2008, that increased to 10.58%.

All seventeen locations listed in the above table contributed a total of 58,026 in-migrants to Lackawanna County. Combined, in-migrants from other Pennsylvania counties, New York, and New Jersey comprised 94.19% of the total.

The table below details Lackawanna County’s out-migration beginning in 1990. The data revealed that most of Lackawanna County’s out-migrants leave the region for other Pennsylvania counties. In fact, of 59,299 people who left Lackawanna County, 47,887 (or 80.76%) remained in Pennsylvania. The second most popular destination for Lackawanna County out-migrants was Florida, which received 4.84% of the county’s out-migrants.

From 2007 to 2008, the number of people who left Lackawanna County for other Pennsylvania counties decreased from 81.1% to 80.76%, while the number of people who left for New York increased from 4.2% to 4.3%.

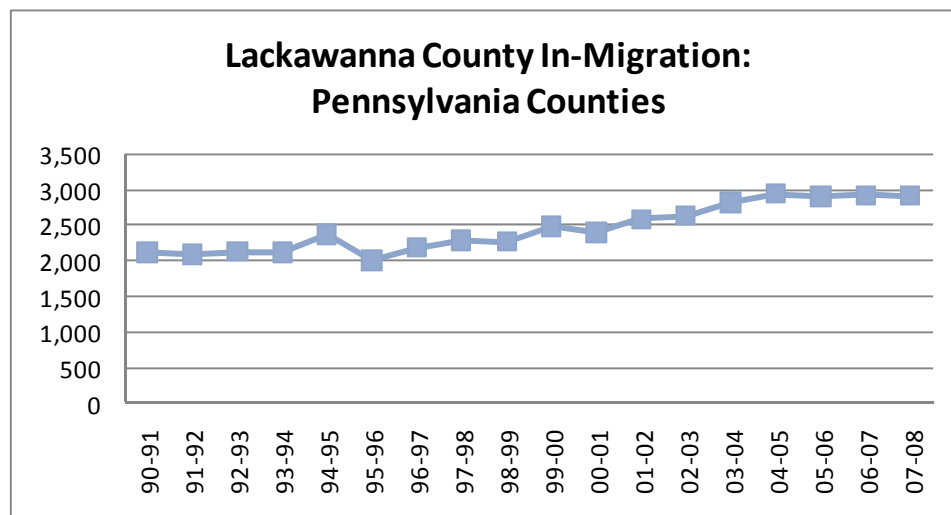
<b>Lackawanna County Out-Migration 1990-2008</b>			
<b>Rank</b>	<b>Location</b>	<b>Total</b>	<b>Percentage</b>
1	Pennsylvania	47,887	80.76%
2	Florida	2,868	4.84%
3	New York	2,575	4.34%
4	New Jersey	1,743	2.94%
5	Maryland	732	1.23%
6	California	611	1.03%
7	Arizona	593	1.00%
8	Virginia	519	0.88%
9	North Carolina	318	0.54%
12	Connecticut	302	0.51%
10	Nevada	269	0.45%
11	Delaware	222	0.37%
13	Massachusetts	214	0.36%
14	Illinois	198	0.33%
15	DC	109	0.18%
16	Ohio	33	0.06%
17	Hawaii	26	0.04%
18	Utah	22	0.00%
19	Rhode Island	22	0.00%
20	South Carolina	20	0.00%
21	Texas	16	0.00%

The table below shows that, since 2002, when Lackawanna County’s in-migration began to surpass its out-migration, the county gained a net 1,637 new residents.

Lackawanna County Migration Data: 2002-2008			
	In	Out	Net
2002-2003	4,932	4,768	164
2003-2004	5,203	4,927	276
2004-2005	5,383	5,104	279
2005-2006	5,531	5,175	356
2006-2007	5,557	5,178	379
2007-2008	5,527	5,344	183
<b>Total</b>	<b>32,133</b>	<b>30,496</b>	<b>1,637</b>

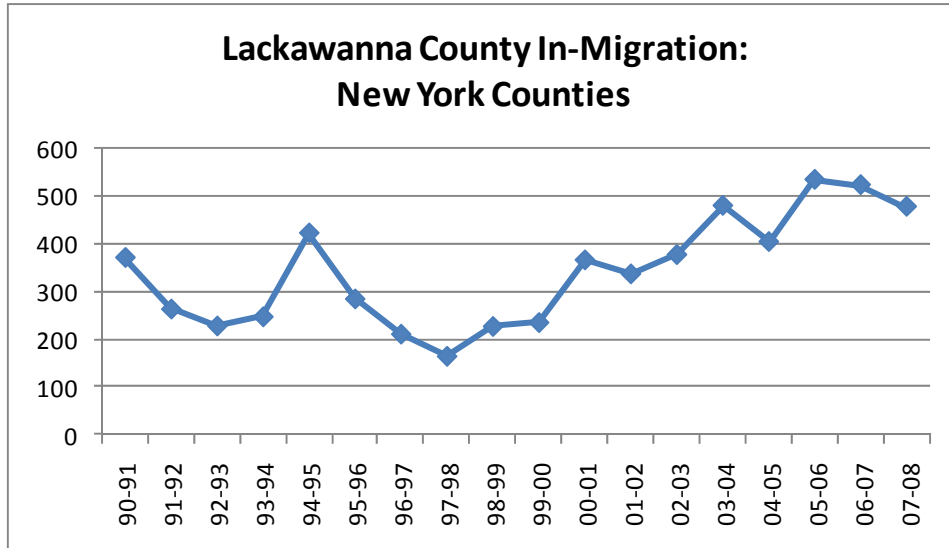
#### IV. Understanding the Source

As Pennsylvania counties had a much greater impact on Lackawanna County’s in- and out-migration than any other state, the graph below shows that the county’s in-migration was relatively steady from 1990 to 1995, but since 1996, a steady increase in in-migration occurred. Although there were a couple of dips along the way - from 2000 to 2001 and from 2005 to 2006 - for the past three years, in-migration growth has been consistent.

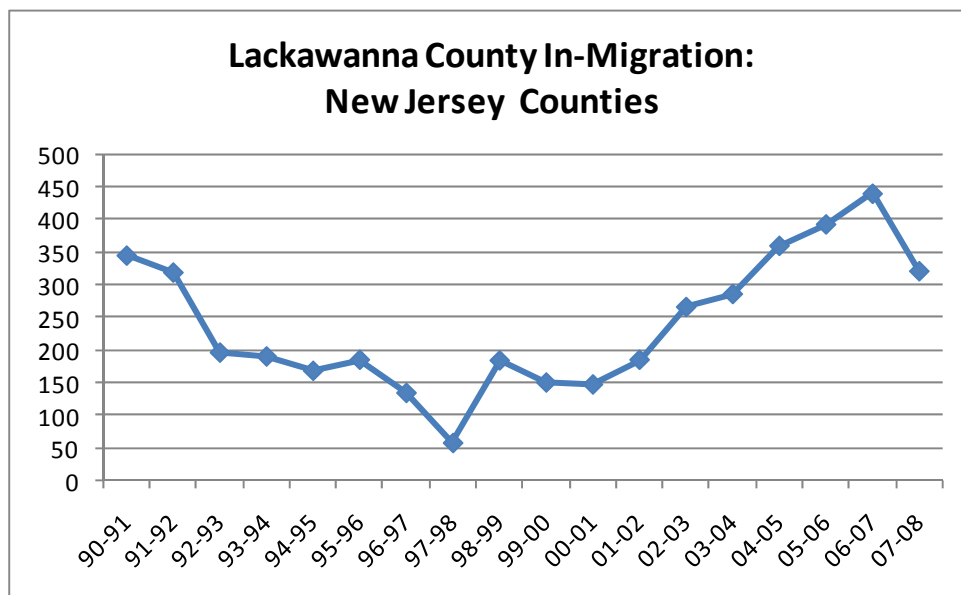


New York was the second largest contributor to Lackawanna’s County’s in-migration growth – with 6,138 (10.5%) people entering the county since 1990. It is difficult to understand, however, why New York’s contributions have fluctuated so greatly – particularly 1990 to 1998. In 1998-1999, there began a steady increase in the number of New Yorkers moving into Lackawanna County. In-migration from New Jersey counties decreased from 521 in 2006-2007 to 476 in 2007-2008.





As the third greatest contributor to Lackawanna County’s in-migration, New Jersey also had interesting fluctuations. Over the eighteen years examined, 4,326 New Jersey residents migrated into Lackawanna County. As shown on the graph, after a number of years of declines, the lowest period for in-migration to Lackawanna from New Jersey was 1997 to 1998. Beginning in 1998-1999, there was a great jump from 57 to 184 people who moved into Lackawanna County from New Jersey. Since the low in 1997-1998, New Jersey has consistently contributed more in-migrants each year - reaching 440 in 2006-2007. In 2007-2008, that figure dropped to 321, however, each year, New Jersey continues to account or a greater percentile of Lackawanna County’s total in-migration.



## V. Breaking down the Source

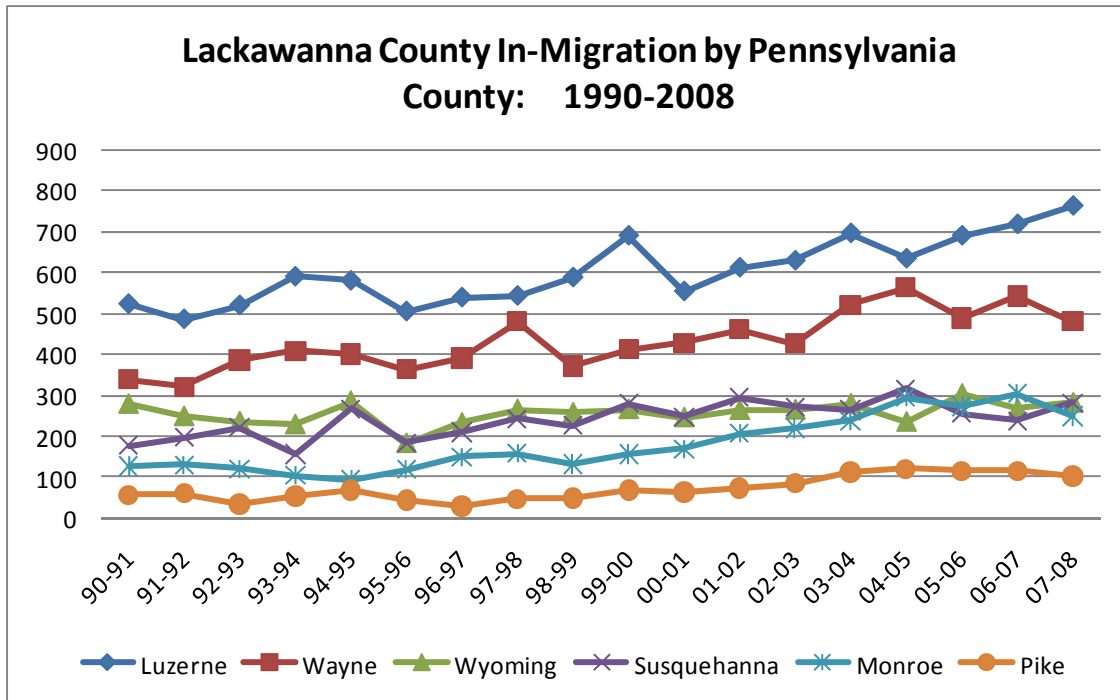
### Pennsylvania Migration Data

During the eighteen-year-period from 1990 to 2008, 44,184 people migrated into Lackawanna County from other Pennsylvania counties. Of these in-migrants, 22,135 came between 2000 and 2008, signifying that approximately 50% of the county's total in-migration occurred in the final eight years examined. As Pennsylvania counties contributed 42% of Lackawanna County's total in-migration from 2000 to 2006, the county appears to becoming one of Pennsylvania's more popular counties in which to live.

In order to see in-migration changes more clearly, the data was broken down into two tables. The table compares the top ten counties that contributed the greatest number of in-migrants to Lackawanna over from 1990 to 2008 and from 2000 to 2008. The table reveals that, with one exception, the top counties contributing most to Lackawanna County's in-migration remained in the same order for both time periods. From 1990 to 2008, Wyoming County contributed the third greatest number of in-migrants to the county, however from 2000 to 2008, Susquehanna County ranked third.

Lackawanna County In Migration: Pennsylvania Counties					
1990-2008			2000-2008		
Rank	County	Total	Rank	County	Total
1	Luzerne	10,842	1	Luzerne	5,288
2	Wayne	7,784	2	Wayne	4,002
3	Wyoming	4,610	3	Susquehanna	2,168
4	Susquehanna	4,326	4	Wyoming	2,135
5	Monroe	3,238	5	Monroe	1,953
6	Pike	1,288	6	Pike	783
7	Philadelphia	1,226	7	Philadelphia	619
8	Montgomery	1,090	8	Montgomery	486
9	Lehigh	853	9	Lehigh	425
10	Bucks	772	10	Bucks	318
<b>Total</b>		<b>36,029</b>	<b>Total</b>		<b>18,177</b>

The graphs below detail the impact of the top six contributing counties to Lackawanna County's in-migration.



With the exception of a few slight fluctuations, Wyoming, Susquehanna, Monroe, and Pike Counties contributed relatively consistent numbers of people to Lackawanna County; Luzerne and Wayne County’s contributions were more drastic – particularly from 2000 to 2008.

The following table illustrates specific changes in Lackawanna County’s top contributors to its population on a year-by-year basis, from 2000 to 2008.

Pennsylvania County In-Migration Change: 2000-2008									
County	00-01	01-02	02-03	03-04	04-05	05-06	06-07	07-08	Change
Luzerne	553	611	628	695	633	689	717	762	209
Wayne	428	461	427	521	564	489	542	480	52
Wyoming	245	263	264	279	234	303	266	281	36
Susquehanna	247	295	271	264	316	256	237	282	35
Monroe	169	207	219	237	295	274	304	248	79
Pike	63	72	84	112	120	115	115	102	39
Philadelphia	48	68	98	77	54	75	95	104	56
Montgomery	60	51	69	47	72	67	58	62	2
Lehigh	45	49	41	48	55	78	37	72	27

Each county contributed more in-migrants to Lackawanna County in 2007-2008 than in 2000-2001. The most significant increases came from Luzerne and Monroe Counties.

#### Net Migration

While this report primarily focuses on in-migration patterns, The Institute also studied Lackawanna County’s net migration to determine the county’s overall population flow. Net

migration was calculated by subtracting out-migration from in-migration. Included in this table are the ten counties with the greatest influence on Lackawanna County’s total population change. Overall, just three counties ended up contributing to a positive net migration in Lackawanna County, including Wayne County (772), Monroe County (1,215) and Pike County (296).

<b>Lackawanna County Net Migration: 1990-2008</b>			
<b>Pennsylvania Counties</b>			
<b>County</b>	<b>In-Migration</b>	<b>Out-Migration</b>	<b>Net</b>
Luzerne	10,842	12,440	-1,598
Wayne	7,784	7,012	772
Wyoming	4,610	5,414	-804
Susquehanna	4,326	4,990	-664
Monroe	3,238	2,023	1,215
Pike	1,288	992	296
Philadelphia	1,226	1,545	-319
Montgomery	1,090	1,548	-458
Lehigh	853	1,170	-317
Bucks	772	796	-24

Based on the data in this segment of the report, we arrived at certain conclusions about Lackawanna County’s in-migration from other Pennsylvania counties:

- Luzerne and Wayne Counties contributed the greatest number of in-migrants to Lackawanna County and Wayne County contributed the highest positive net migration.
- With the exception of Wyoming and Susquehanna Counties, each contributing county maintained stable rankings over the entire time period examined.
- Monroe County contributed the highest positive net migration to Lackawanna County.
- Luzerne County recorded the lowest negative net migration.

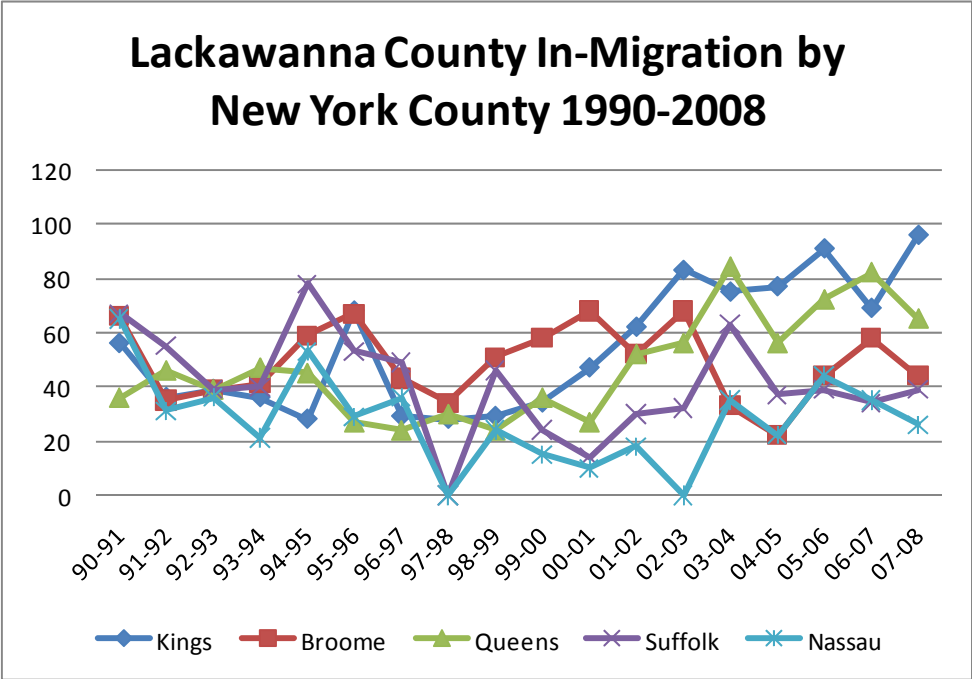
### **New York Migration Data**

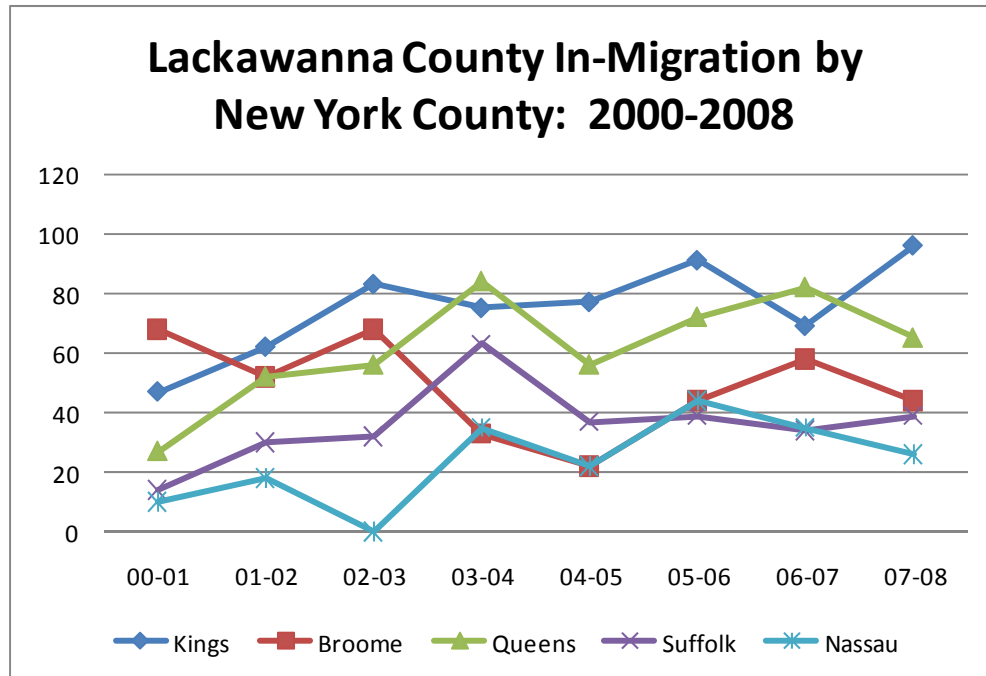
As previously discussed, after other Pennsylvania Counties, New York counties comprise the second greatest number of in-migrants to Lackawanna County. From 1990 into 2008, 6,138 New Yorkers moved into Lackawanna County; from 2000 to 2008, that pattern grew. The following table shows the individual contributions of New York counties to Lackawanna County’s in-migration.

Lackawanna County In-Migration: New York Counties					
1990 to 2008			2000 to 2008		
Rank	County	Total	Rank	County	Total
1	Kings	983	1	Kings	600
2	Broome	882	2	Bronx	494
3	Queens	848	3	Queens	389
4	Suffolk	739	4	Suffolk	315
5	Nassau	524	5	Broome	288
6	Bronx	502	6	Nassau	270
7	New York	500	7	Orange	270
8	Orange	391	8	New York	190
9	West Chester	185	9	Richmond	138
10	Richmond	164	10	West Chester	130

Kings County was New York’s top contributor to Lackawanna County, providing a larger number of in-migrants than the other counties between 2000 and 2008. The fluctuations in the rankings of the other New York counties signify major changes from 2000 to 2008. For example, Bronx County accounted for nearly two-thirds of all New York in-migrants to Lackawanna County between 2000 and 2008. While Bronx County ranked as New York’s six greatest contributing county to Lackawanna County for the eighteen-year-period, it ranked second in the most recent time period.

The charts below trace in-migration from New York’s six top contributing counties from 1990 to 2008.





Looking at the 1990-2008 period, trends are difficult to spot, as migration from New York counties to Lackawanna County varied greatly. Of New York’s five top contributing counties, four recorded overall increases in the number of in-migrants they contributed to Lackawanna County. Kings County experienced the greatest increase - 49 migrants from 2000 to 2008. Despite Broome County being the second highest ranked in terms of in-migration for all years, it was the only county to contribute fewer in-migrants to Lackawanna County in 2007-2008 than in 2000-2001.

NY County In-Migration Change: 2000 to 2008									
County	00-01	01-02	02-03	03-04	04-05	05-06	06-07	07-08	Change
Bronx	48	42	34	49	51	72	82	80	32
Broome	68	52	68	33	22	44	58	44	-24
New York	24	39	19	56	52	28	52	45	21
Kings	47	62	83	75	77	91	69	96	49
Queens	27	52	56	84	56	72	82	65	38

#### Net Migration

The table below details net migration from New York counties to Lackawanna County from 1990 to 2008. Unlike the trend among Pennsylvania counties that contributed to Lackawanna County’s in-migration, with the exception of New York County, the majority of New York counties recorded overall positive net migration statistics. Kings County contributed the greatest number of in-migrants to Lackawanna County (983), while Suffolk County recorded the highest net migration (655).

<b>Lackawanna County Net Migration: 1990-2008</b>			
<b>New York Counties</b>			
<b>County</b>	<b>In-Migration</b>	<b>Out-Migration</b>	<b>Net</b>
Kings	983	375	608
Broome	882	695	187
Queens	848	247	601
Suffolk	739	84	655
New York	524	642	-118
Bronx	502	72	430
Nassau	500	24	476
Orange	391	84	307
West Chester	185	0	185
Richmond	164	0	164

Based on this data, we can assume the following about the impact of New York counties on Lackawanna County's in-migration:

- During the period from 2000 to 2008, over half (56.8%) of New York's total in-migration to Lackawanna County occurred.
- With the exception of Broome County, the five New York counties with the greatest impact on Lackawanna County's in-migration offered more in-migrants from 2007-2008 than from 2000-2001.
- Kings County contributed the most in-migrants to Lackawanna County for both time periods.

### **New Jersey Migration Data**

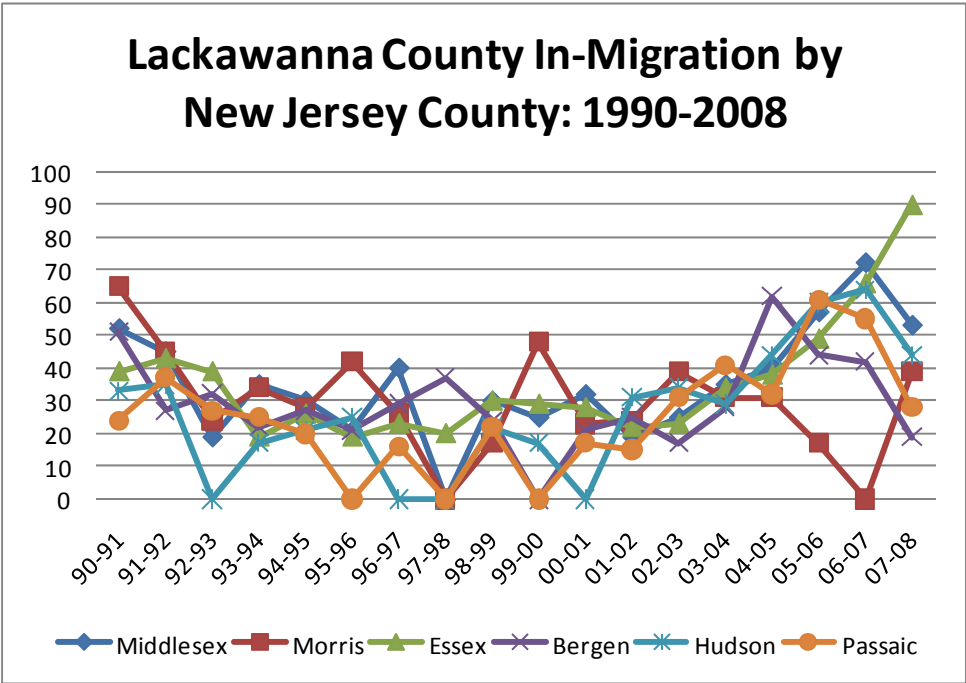
As the third greatest contributor to Lackawanna County's in-migration, New Jersey had very interesting migration patterns. Comprising about 7.46% of Lackawanna County's total in-migration, 4,326 New Jersey residents left the state for Lackawanna County. When dividing migration statistics into the two time periods (1990 to 2008 and 2000 to 2008), 55.4% of New Jersey's total in-migrants to Lackawanna County came from 2000 to 2008.

The table below reports on New Jersey's top ten contributing counties to Lackawanna County's in-migration for both time periods. Like New York, one county offered the greatest number of migrants, while the remaining county rankings were quite jumbled.

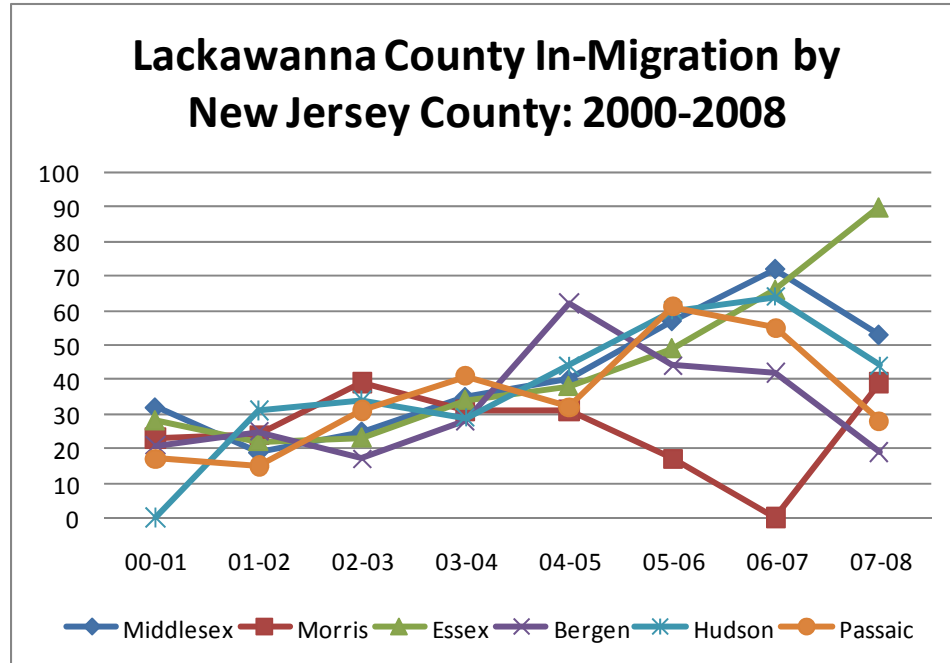
Lackawanna County In-Migration: NJ Counties					
1990 to 2008			2000 to 2008		
Rank	County	Total	Rank	County	Total
1	Essex	637	1	Bergen	258
2	Middlesex	630	2	Middlesex	333
3	Morris	533	3	Hudson	306
4	Bergen	528	4	Passaic	280
5	Hudson	476	5	Essex	350
6	Passaic	451	6	Morris	204
7	Union	319	7	Union	158
8	Ocean	189	8	Ocean	100
9	Monmouth	135	9	Sussex	121
10	Burlington	131	10	Burlington	142

From 1990 to 2008, Essex County contributed the greatest number of in-migrants to Lackawanna County. However, it is apparent that in-migrants from other New Jersey counties increased rapidly. Over half of the Essex County residents migrating to Lackawanna County came between 2000 and 2008, although Essex County fell to fifth in ranking during the final eight years examined. Bergen, Hudson, and Passaic Counties all had lower overall rankings in the earlier time period than the latter time period, signifying changes in New Jersey’s migration patterns.

The following graphs pinpoint patterns of the six top New Jersey Counties contributing to Lackawanna County’s in-migration.







Similar to New York, New Jersey’s migration patterns fluctuated. Following Essex County, migration into Lackawanna County was fairly low until 2004-2005, when reoccurring increases began. Middlesex County offered the most drastic year-to-year fluctuations; however, it contributed an increasing number of in-migrants to Lackawanna County until the most recent year. With the exception of Essex and Morris Counties, the remaining four counties also recorded year-over-year migration increases to Lackawanna County, and drops in the most recent year.

NJ County In-Migration Change: 2000-2008									
County	00-01	01-02	02-03	03-04	04-05	05-06	06-07	07-08	Change
Morris	23	24	39	31	31	17	0	39	16
Bergen	21	25	17	28	62	44	42	19	-2
Middlesex	32	19	25	35	40	57	72	53	21
Essex	28	22	23	34	38	49	66	90	62
Hudson	0	31	34	29	44	60	64	44	44

The above table shows that, despite declines in certain years, nearly every New Jersey county examined had more people migrate into Lackawanna County from 2007-2008 than from 2000-2001. The only exception was Bergen County, which had just two fewer migrants in the most recent year.

#### Net Migration

The table below summarizes net migration from ten New Jersey counties. During the eighteen years, nearly all of the counties had a positive net migration. One exception was Burlington County, which had a negative net migration of 59 people. Essex County recorded the highest net migration to Lackawanna County – nearly reaching 500.

<b>Lackawanna County Net Migration: 1990-2008</b>			
<b>New Jersey Counties</b>			
<b>County</b>	<b>In Migration</b>	<b>Out Migration</b>	<b>Net</b>
Essex	637	142	495
Middlesex	630	349	281
Morris	533	343	190
Bergen	528	177	351
Hudson	476	312	164
Passaic	451	22	429
Union	319	19	300
Ocean	189	130	59
Monmouth	135	73	62
Burlington	131	190	-59

Based New Jersey’s migration data from 1990 to 2008, we can conclude that:

- Essex, Middlesex, and Morris Counties contributed the greatest number of in-migrants to Lackawanna County, although each county’s ranking during the 2000 to 2008 time period fluctuated.
- After several years of providing stable in-migration to Lackawanna County, Essex County’s in-migration has climbed in recent years and may continue to do so.
- Bergen County was the only county to have fewer people move into Lackawanna County from 2007 to 2008 than from 2000 to 2001.

#### **IV. County Rankings**

Pennsylvania, New York, and New Jersey counties have impacted Lackawanna County’s population growth. The table below details the counties in all three states with the greatest influence on Lackawanna County’s in-migration in two time periods. Within Pennsylvania, Luzerne and Wayne Counties rank first and second, respectively. Like Montgomery County, some counties contributed fewer migrants to Lackawanna County from 2000 to 2008. Other counties, such as Kings County, contributed the majority of migrants to Lackawanna County during the final eight years examined. Bronx County, which did not provide a significant enough number of in-migrants during the 1990 to 2008 time period to earn a ranking, ranked eleventh from 2000 to 2008. Passaic County also did not rank during all eighteen years, but did rank 21<sup>st</sup> from 2000 to 2008. Queens County moved from twelfth in overall ranking to ninth during the final eight years examined.

Lackawanna County In-Migration					
1990 to 2008			2000 to 2008		
Rank	County	Total	Rank	County	Total
1	Luzerne	10,842	1	Luzerne	6,050
2	Wayne	7,784	2	Wayne	4,482
3	Wyoming	4,610	3	Susquehanna	2,450
4	Susquehanna	4,326	4	Wyoming	2,416
5	Monroe	3,238	5	Monroe	1,132
6	Pike	1,288	6	Pike	953
7	Philadelphia	1,226	7	Philadelphia	619
8	Montgomery	1,090	8	Kings	600
9	Kings	983	9	Queens	494
10	Broome	882	10	Montgomery	486
11	Lehigh	853	11	Bronx	458
12	Queens	848	12	Lehigh	425
13	Bucks	772	13	Broome	389
14	Suffolk	739	14	Essex	350
15	Middlesex	630	15	Northampton	335
16	Essex	637	16	Middlesex	333
17	Northampton	622	17	Bucks	318
18	Bergen	528	18	New York	315
19	Morris	533	19	Hudson	306
20	New York	524	21	Suffolk	288
21	Dauphin	523	21	Passaic	280
22	Nassau	500	22	Bergen	258
23	Hudson	476	23	Dauphin	250

## VII. Conclusion

The goal of this analysis was to pinpoint specifically where Lackawanna County in-migrants came from. The Institute studied in-migration patterns over an eighteen-year-period from 1990 to 2008 to develop a profile of each top contributing county from the three top contributing states – Pennsylvania, New York and New Jersey. Studying the net migration impact that each of these counties had on Lackawanna County, The Institute then drew a comparison of in- and out-migration patterns. Pennsylvania, New York, and New Jersey were each studied based on individual migration patterns and changes. The results verified the top five counties from each state contributing to Lackawanna County’s in-migration, which included:

- *Pennsylvania:* Luzerne, Wayne, Wyoming, Susquehanna and Monroe Counties
- *New York:* Kings, Queens, Suffolk, Nassau and Bronx Counties
- *New Jersey:* Essex, Middlesex, Bergen, Passaic and Morris Counties

In terms of net-migration, the results verified the top five contributing counties from each state, which included

- *Pennsylvania*: Monroe, Wayne and Pike Counties
- *New York*: Suffolk, Kings and Queens Counties
- *New Jersey*: Essex, Passaic and Bergen Counties

This report allows the reader to better understand the source of Lackawanna County's in-migration and make predictions about the county's future growth. Overall, it is expected that the region will continue to grow and that Lackawanna County's population will continue to be impacted by migration patterns of New Jersey and New York residents.