

# Mother and Child

## Erie County Maternal and Infant Health Study 2007

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## INTRODUCTION

The objective of this study is to make public current maternal and infant health statistics for both the city of Erie and Erie County, Pennsylvania. We used the most recent Erie County resident birth, pregnancy, and mortality data (2004) released by the Pennsylvania Department of Health to calculate rates and percentages relevant to the following nine maternal and infant health indices:

1. Live Births
2. Infant Deaths (Under 1 Year of Age)
3. Neonatal Deaths (0-27 Days of Age)
4. Infants Born At Low Birth Weight (Under 2,500 Grams)
5. Infants Born At Very Low Birth Weight (Under 1,500 Grams)
6. Prenatal Visit During First Trimester of Pregnancy
7. Tobacco Use By Mothers During Pregnancy
8. Births To Single Mothers
9. Births To Mothers Between 15 and 19 Years of Age

Statistical analyses of resident databases were performed in the Public Health Preparedness division of the Erie County Department of Health. In conjunction with these statistical analyses, a variety of publications and data resources

from the United States Department of Health and Human Services, United States Census Bureau, Pennsylvania State Data Center, and Pennsylvania Department of Health were utilized during the preparation of this manuscript. These agencies specifically disclaim responsibility for any of the analyses, interpretations, or conclusions that appear in this report.

Readers should please note that we have used the most current Erie County resident data available, and that an empty cell within a health index data table indicates no available data at the time of publication. In addition to the data presented in the seventeen pages of data tables, we have prepared a supplementary health profile for Erie County residents that immediately follows the references.

## ACKNOWLEDGEMENTS

We would like to thank Tenderr Lee Little, Loren Skellie, and Daniel Taylor for their supportive efforts and kind assistance.

## REFERENCES

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United States Department of Health and Human Services. *Healthy People 2010, 2nd ed.* Washington, DC: U.S. Government Printing Office, 2000.

ERIE COUNTY SUPPLEMENTARY HEALTH PROFILE, 2004

**Female Population and Live Births by Age of Mother**

3,280 Total Live Births

<u>Age (Years)</u>	<u>Number of Females</u>	<u>Number of Live Births</u>
10-14	9,499	7
15-17	6,342	104
18-19	5,175	260
20-24	10,594	873
25-29	8,597	900
30-34	8,676	738
35-39	9,331	328
40-44	10,227	66
45 & older	58,970	4
15-44	58,942	3,269

**Age-Specific Birth and Pregnancy Rates**

<u>Age (Years)</u>	<u>Birth Rate (per 1,000 population)</u>	<u>Pregnancy Rates (per 1,000 population)</u>
14 & younger	0.7	1.2
15-17	16.4	18.9
18-19	50.2	59.1
20-29	92.4	103.3
30-49	29.3	31.7
15-44	55.6 (= General Fertility Rate)	61.9

## **Families and Poverty**

<i>Family Households</i>	70,839
Single female families	14,058 (19.8%)
Single male families	2,807 (4%)
Families with own children <18 years of age	31,015 (43.8%)
Families with related children <18 years of age	33,127 (46.7%)
Families with income below poverty level	8,117 (11.5%)
 <i>Single Female Family Households</i>	 14,058
Single mother families with children <18 years of age	9,112 (64.8%)
Single female families with related children <18 years of age	10,114 (71.9%)
Single female families below poverty level	5,006 (35.6%)
Single female families with related children <18 years of age below poverty level	4,787 (34.0%)
 <i>Single Male Family Households</i>	 2,807
Single father families with children <18 years of age	1,342 (47.8%)
Single male families with related children <18 years of age	1,342 (47.8%)
Single male families below poverty level	206 (7.3%)
Single male families with related children <18 years of age below poverty level	0 (0%)
 <i>Family Households Below Poverty Level</i>	 8,117
Single female families	5,006 (61.7%)
Single female families with related children <18 years of age	4,787 (59.0%)
Single male families	206 (2.5%)
Single male families with related children <18 years of age	0 (0.0%)
 <i>Children &lt;18 years of age</i>	 67,644
<i>Children &lt;18 years of age for whom poverty level was determined</i>	61,815
Children <18 years of age below poverty level	11,592 (18.8%)

**Erie County Live Births and Birth Rates by Municipality**

<u>Municipality</u>	<u>2004 Population</u>	<u>Live Births</u>	<u>Birth Rate (per 1,000 population)</u>
Albion Borough	1,571	14	8.9
Amity Township	1,149	9	7.8
Concord Township	1,366	13	9.5
Conneaut Township	4,204	22	5.2
Corry City	6,638	96	14.5
Cranesville Borough	602	11	18.3
Edinboro Borough	6,879	33	4.8
Elgin Borough	233	3	12.9
Elk Creek Township	1,822	18	9.9
Erie City	103,925	1,527	14.7
Fairview Township	10,096	82	8.1
Franklin Township	1,659	14	8.4
Girard Borough	3,062	18	5.9
Girard Township	5,181	63	12.2

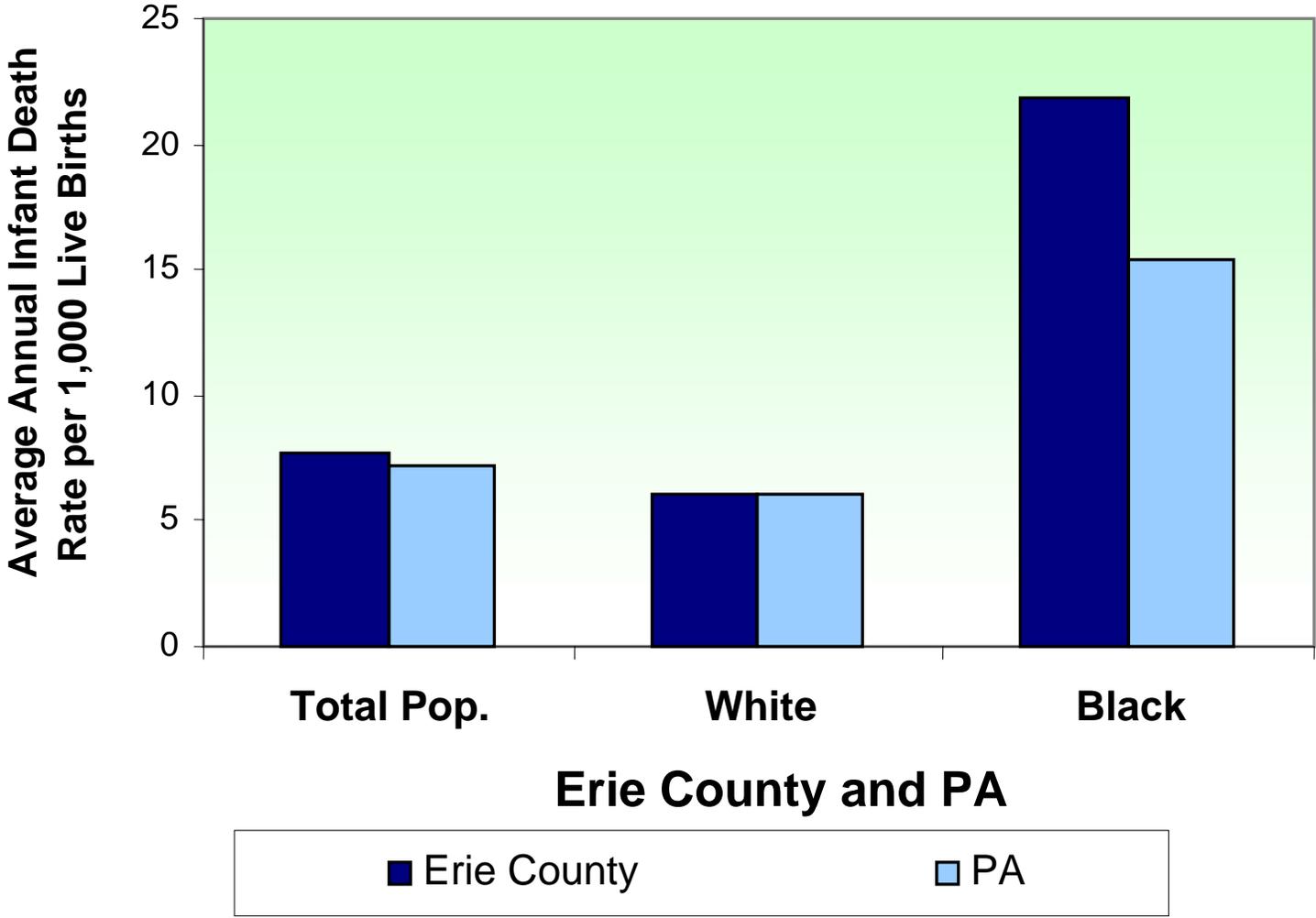
<u>Municipality</u>	<u>2004 Population</u>	<u>Live Births</u>	<u>Birth Rate (per 1,000 population)</u>
Greene Township	4,812	42	8.7
Greenfield Township	1,978	21	10.6
Harborcreek Township	16,667	112	6.7
Lake City Borough	2,989	37	12.4
Lawrence Park Township	3,899	52	13.3
LeBoeuf Township	1,644	16	9.7
McKean Borough	375	7	18.7
McKean Township	4,600	40	8.7
Mill Village Borough	399	5	12.5
Millcreek Township	52,762	522	9.9
North East Borough	4,438	53	11.9
North East Township	6,692	65	9.7
Platea Borough	464	9	19.4
Springfield Township	3,359	35	10.4
Summit Township	5,863	63	10.7
Union City Borough	3,390	66	19.5

<u>Municipality</u>	<u>2004 Population</u>	<u>Live Births</u>	<u>Birth Rate (per 1,000 population)</u>
Union Township	1,666	21	12.6
Venango Township	2,348	20	8.5
Washington Township	4,583	40	8.7
Waterford Borough	1,442	21	14.6
Waterford Township	3,950	43	10.9
Wattsburg Borough	363	3	8.3
Wayne Township	1,788	20	11.2
Wesleyville Borough	3,497	44	12.6
Erie County	282,355	3,280	11.6

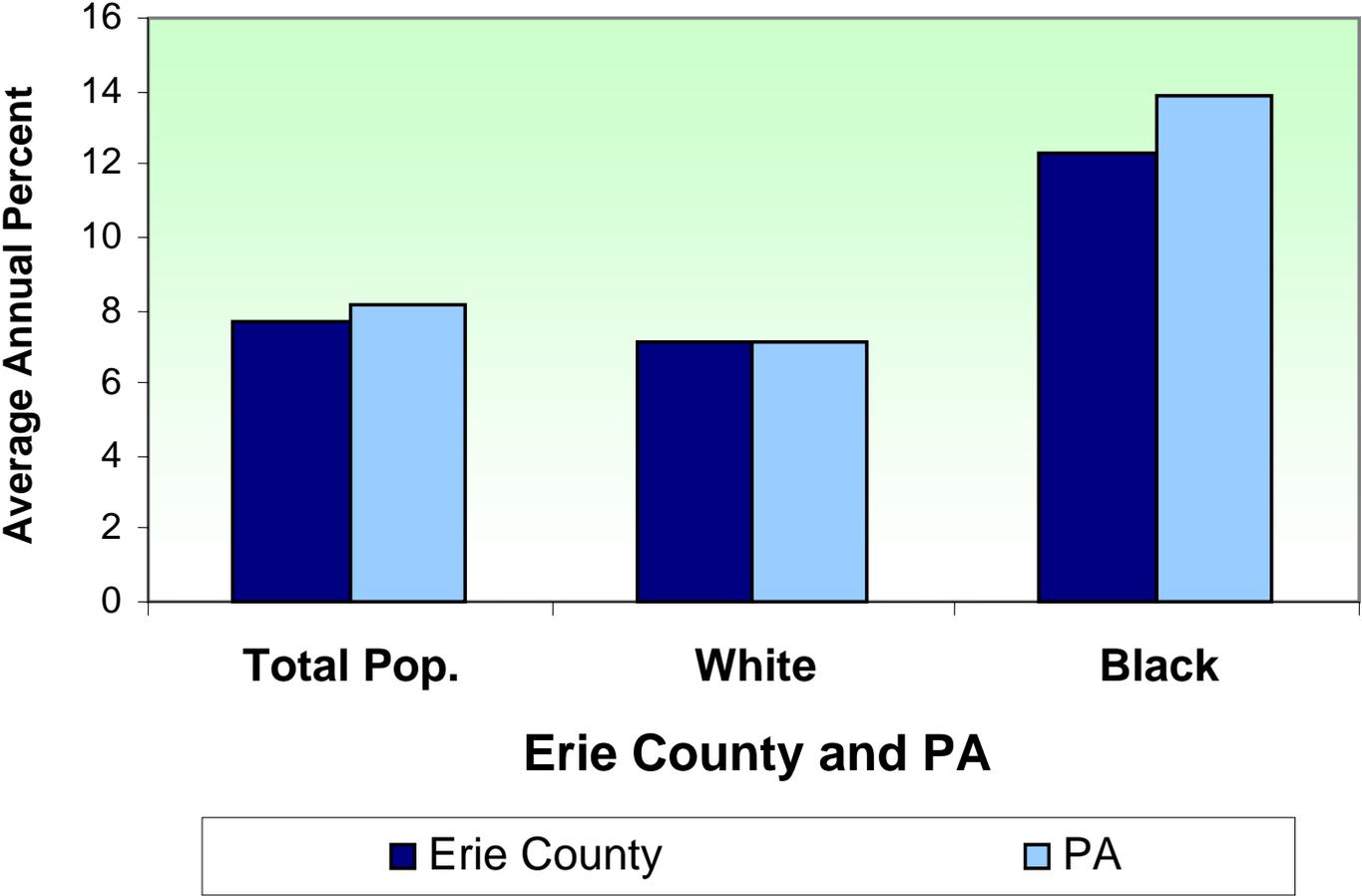
**Sudden Infant Death Syndrome (SIDS) Deaths**

2004	Erie County	4	Erie City	4
2000-2004	Erie County	18	Erie City	17

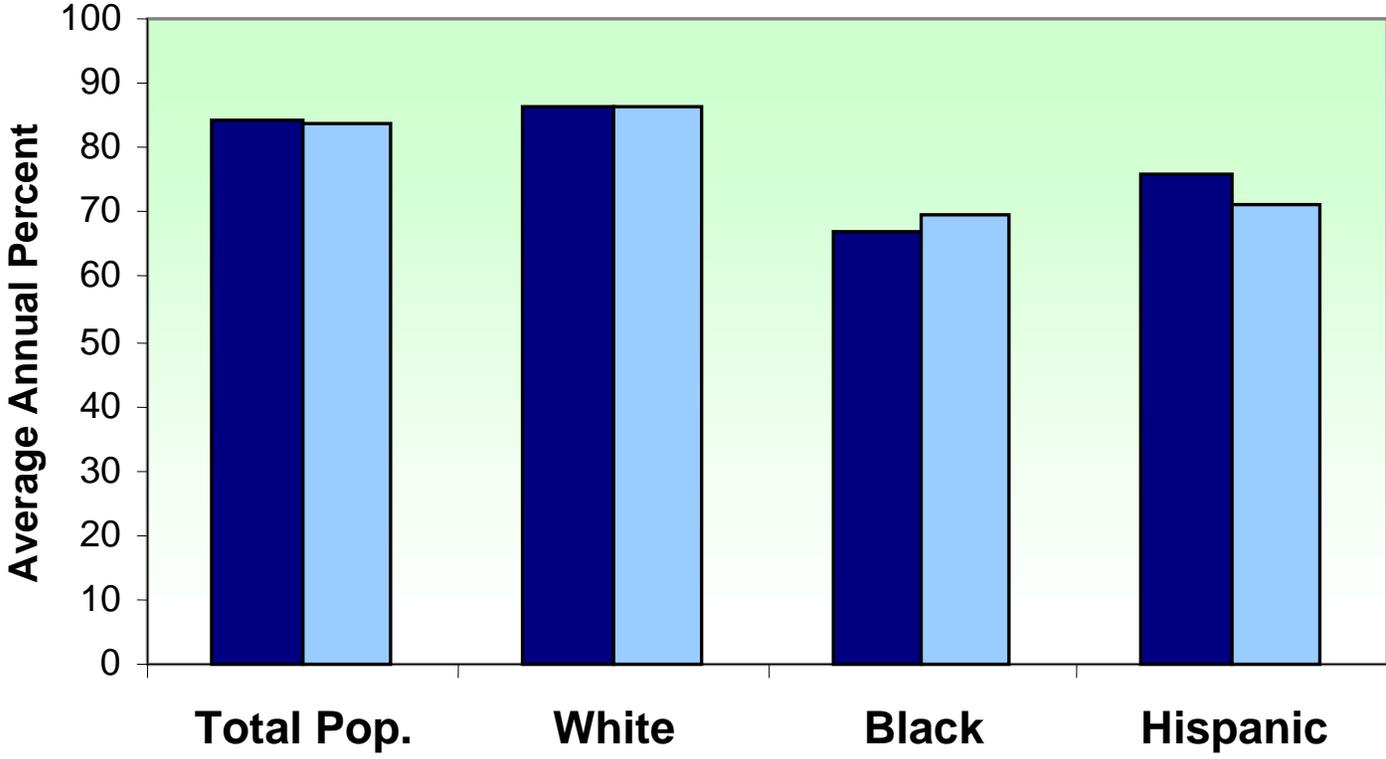
# Infant Deaths (<1 year of age) 2000-2004



# Low Birth Weight Babies (<2,500 grams) 2000-2004



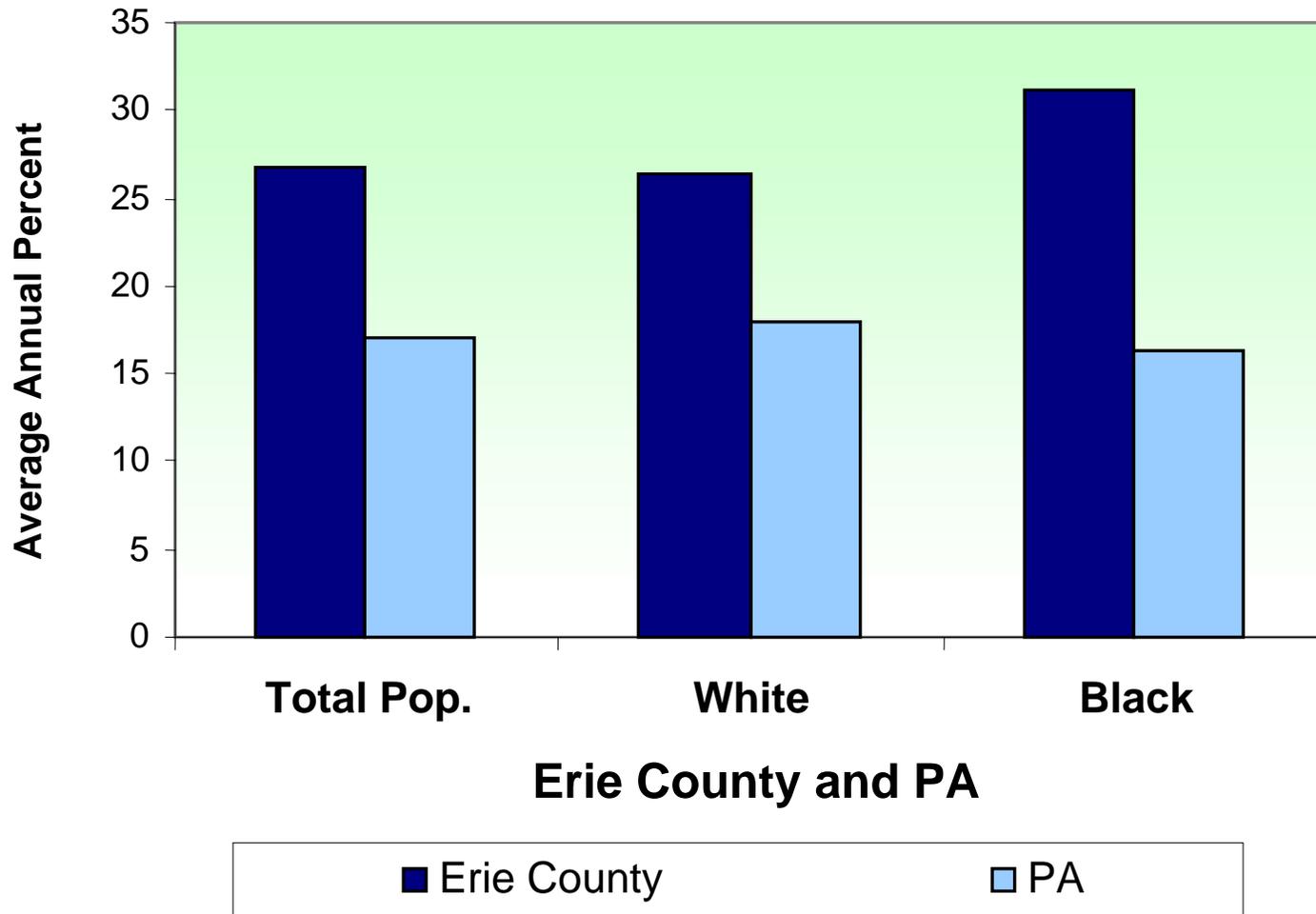
# Prenatal Visit in First Trimester 2000-2004



Erie County and PA



## Tobacco Use During Pregnancy 2000-2004



# LIVE BIRTHS

2002-2005

*Annual birth rates are per 1,000 population*

Year	Community	Total Population		White		Black		Hispanic*					
		No.	Rate	No.		No.		No.					
2002	Erie City	1,643	16.1	1,229		373		79					
	Erie County**	3,372	12.0	2,904		395		92					
	PA	142,380	11.5	115,585		19,659		8,620					
2003	Erie City	1,468	14.5	1,037		284		121					
	Erie County**	3,299	11.8	2,804		299		150					
	PA	145,485	11.8	112,433		19,895		10,782					
2004	Erie City	1,527	14.7	1,046		331		127					
	Erie County**	3,280	11.6	2,730		349		164					
	PA	144,194	11.6	108,986		19,943		11,527					
2005	Erie City												
	Erie County**												
	PA												

\* Hispanics can be of any race

\*\* Includes Erie City



Sources: Vital Statistics Database, Erie County Department of Health; Bureau of Health Statistics and Research, PA Department of Health

# LIVE BIRTHS

1998-2002    1999-2003  
 2000-2004    2001-2005

*Average annual birth rates are per 1,000 population*

Year	Community	Total Population		White		Black		Hispanic*					
		No.	Rate	No.		No.		No.					
1998-2002	Erie City	8,243	16.1	6,347		1,745		468					
	Erie County**	17,272	12.4	15,167		1,823		544					
	PA	722,092	11.9	592,317		100,286		38,293					
1999-2003	Erie City	8,012	15.7	6,043		1,693		490					
	Erie County**	17,030	12.2	14,819		1,773		585					
	PA	721,971	11.8	584,474		99,675		42,206					
2000-2004	Erie City	7,896	15.2	5,828		1,658		520					
	Erie County**	16,791	12.0	14,457		1,738		631					
	PA	721,337	11.7	573,890		99,537		46,594					
2001-2005	Erie City												
	Erie County**												
	PA												

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\*\* Includes Erie City



Sources: Vital Statistics Database, Erie County Department of Health; Bureau of Health Statistics and Research, PA Department of Health

# INFANT DEATHS (UNDER 1 YEAR OF AGE)

2002-2005

Healthy People 2010 Goal: Infant death rate of 4.5 per 1,000 live births

*Annual infant death rates are per 1,000 live births for each specified category*

Year	Community	Total Population		White		Black		Hispanic*					
		No.	Rate	No.	Rate	No.	Rate	No.	Rate				
2002	Erie City	25	15.2	13	10.6	11	29.5	3	38.0				
	Erie County**	38	11.3	26	9.0	11	27.8						
	PA	1,081	7.6	744	6.4	299	15.2	78	9.0				
2003	Erie City	16	10.9	5	4.8	10	35.2	1	8.3				
	Erie County**	18	5.5	7	2.5	10	33.4	1	6.7				
	PA	1,060	7.3	702	6.2	320	16.1	83	7.7				
2004	Erie City	13	8.5	9	8.6	3	9.1	0	0.0				
	Erie County**	19	5.8	14	5.1	4	11.5	0	0.0				
	PA	1,026	7.1	682	6.3	299	15.0	93	8.1				
2005	Erie City												
	Erie County**												
	PA												

\* Hispanics can be of any race

\*\* Includes Erie City



Rates based on less than 10 events should be considered statistically unreliable

Sources: Vital Statistics Database, Erie County Department of Health; Bureau of Health Statistics and Research, PA Department of Health

# INFANT DEATHS (UNDER 1 YEAR OF AGE)

1998-2002    1999-2003

Healthy People 2010 Goal: Infant death rate of 4.5 per 1,000 live births

2000-2004    2001-2005

*Average annual infant death rates are per 1,000 live births for each specified category*

Year	Community	Total Population		White		Black		Hispanic*					
		No.	Rate	No.	Rate	No.	Rate	No.	Rate				
1998-2002	Erie City	100	12.1	54	8.5	45	25.8	6	12.8				
	Erie County**	150	8.7	103	6.8	46	25.2						
	PA	5,223	7.2										
1999-2003	Erie City	97	12.1	51	8.4	44	26.0	7	14.3				
	Erie County**	141	8.3	95	6.4	44	24.8						
	PA	5,227	7.2	3,498	6.0	1,569	15.7	362	8.6				
2000-2004	Erie City	87	11.0	47	8.1	37	22.3	5	9.6				
	Erie County**	129	7.7	88	6.1	38	21.9						
	PA	5,228	7.2	3,523	6.1	1,533	15.4	395	8.5				
2001-2005	Erie City												
	Erie County**												
	PA												

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Sources: Vital Statistics Database, Erie County Department of Health; Bureau of Health Statistics and Research, PA Department of Health

# NEONATAL DEATHS (0-27 DAYS OF AGE)

2002-2005

Healthy People 2010 Goal: Neonatal death rate of 2.9 per 1,000 live births

*Annual neonatal death rates are per 1,000 live births for each specified category*

Year	Community	Total Population		White		Black		Hispanic*					
		No.	Rate	No.	Rate	No.	Rate	No.	Rate				
2002	Erie City	21	12.8	12	9.8	9	24.1						
	Erie County**	31	9.2	22	7.6	9	22.8						
	PA	792	5.6		4.8		10.2						
2003	Erie City	9	6.1	3	2.9	6	21.1	0	0.0				
	Erie County**	10	3.0	4	1.4	6	20.1	0	0.0				
	PA	775	5.3		4.5		11.8		5.4				
2004	Erie City	6	3.9	3	2.9	2	6.0	0	0.0				
	Erie County**	10	3.0	7	2.6	2	5.7	0	0.0				
	PA	692	4.8		4.2		10.3		6.1				
2005	Erie City												
	Erie County**												
	PA												

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Sources: Vital Statistics Database, Erie County Department of Health; Bureau of Health Statistics and Research, PA Department of Health

# NEONATAL DEATHS (0-27 DAYS OF AGE)

1998-2002    1999-2003

Healthy People 2010 Goal: Neonatal death rate of 2.9 per 1,000 live births

2000-2004    2001-2005

*Average annual neonatal death rates are per 1,000 live births for each specified category*

Year	Community	Total Population		White		Black		Hispanic*					
		No.	Rate	No.	Rate	No.	Rate	No.	Rate				
1998-2002	Erie City	73	8.9	41	6.5	32	18.3						
	Erie County**	110	6.4	78	5.1	32	17.6						
	PA	3,714	5.1										
1999-2003	Erie City	69	8.5	39	6.5	30	17.7						
	Erie County**	102	6.0	72	4.9	30	16.9						
	PA	3,744	5.2		4.4		10.7						
2000-2004	Erie City	58	7.3	32	5.5	25	15.1						
	Erie County**	90	5.3	64	4.4	25	14.4						
	PA	3,713	5.1		4.4		10.5						
2001-2005	Erie City												
	Erie County**												
	PA												

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Sources: Vital Statistics Database, Erie County Department of Health; Bureau of Health Statistics and Research, PA Department of Health

# INFANTS BORN AT LOW BIRTH WEIGHT (UNDER 2,500 GRAMS)

2002-2005

Healthy People 2010 Goal: 5% of live births

*Unknowns excluded in calculations of percentages of total live births for each specified category*

Year	Community	Total Population		White		Black		Hispanic*					
		No.	%	No.	%	No.	%	No.	%				
2002	Erie City	159	9.7	93	7.6	58	15.5	9	11.4				
	Erie County**	279	8.3	207	7.1	59	14.9	9	9.8				
	PA	11,667	8.2		7.2		14.1		9.2				
2003	Erie City	120	8.2	75	7.2	30	10.6	11	9.1				
	Erie County**	266	8.1	213	7.6	33	11.1	14	9.3				
	PA	11,737	8.1		6.9		14.2		8.9				
2004	Erie City	153	10.0	94	9.0	41	12.4	17	13.4				
	Erie County**	276	8.4	216	7.9	41	11.7	20	12.2				
	PA	12,574	8.8		7.6		14.0		10.1				
2005	Erie City												
	Erie County**												
	PA												

\* Hispanics can be of any race

\*\* Includes Erie City



Sources: Vital Statistics Database, Erie County Department of Health; Bureau of Health Statistics and Research, PA Department of Health

**INFANTS BORN AT LOW BIRTH WEIGHT (UNDER 2,500 GRAMS)** 1998-2002    1999-2003  
 Healthy People 2010 Goal: 5% of live births 2000-2004    2001-2005

*Unknowns excluded in calculations of percentages of total live births for each specified category*

Year	Community	Total Population		White		Black		Hispanic*					
		No.	%	No.	%	No.	%	No.	%				
1998-2002	Erie City	731	8.9	475	7.4	243	13.8						
	Erie County**	1,299	7.5	1,019	6.7	253	13.8						
	PA	56,821	7.9										
1999-2003	Erie City	704	8.8	451	7.4	227	13.2						
	Erie County**	1,300	7.6	1,021	6.9	236	13.2						
	PA	57,472	8.0										
2000-2004	Erie City	699	8.9	446	7.6	209	12.5						
	Erie County**	1,293	7.7	1,018	7.1	216	12.3						
	PA	58,579	8.1		7.1		13.9						
2001-2005	Erie City												
	Erie County**												
	PA												

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Sources: Vital Statistics Database, Erie County Department of Health; Bureau of Health Statistics and Research, PA Department of Health

# INFANTS BORN AT VERY LOW BIRTH WEIGHT (UNDER 1,500 GRAMS)

2002-2005

Healthy People 2010 Goal: 0.9% of live births

*Unknowns excluded in calculations of percentages of total live births for each specified category*

Year	Community	Total Population		White		Black		Hispanic*					
		No.	%	No.	%	No.	%	No.	%				
2002	Erie City	34	2.1	19	1.5	14	3.8	2	2.5				
	Erie County**	62	1.8	47	1.6	14	3.5	2	2.2				
	PA	2,315	1.6										
2003	Erie City	29	2.0	18	1.7	9	3.2	3	2.5				
	Erie County**	51	1.5	39	1.4	10	3.4	3	2.0				
	PA	2,312	1.6										
2004	Erie City	31	2.0	15	1.4	13	3.9	3	2.4				
	Erie County**	51	1.6	35	1.3	13	3.7	3	1.8				
	PA	3,218	2.2										
2005	Erie City												
	Erie County**												
	PA												

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\*\* Includes Erie City



Sources: Vital Statistics Database, Erie County Department of Health; Bureau of Health Statistics and Research, PA Department of Health

**INFANTS BORN AT VERY LOW BIRTH WEIGHT (UNDER 1,500 GRAMS)**      1998-2002    1999-2003  
 Healthy People 2010 Goal: 0.9% of live births      2000-2004    2001-2005

*Unknowns excluded in calculations of percentages of total live births for each specified category*

Year	Community	Total Population		White		Black		Hispanic*					
		No.	%	No.	%	No.	%	No.	%				
1998-2002	Erie City												
	Erie County**	259	1.5										
	PA	11,275	1.6										
1999-2003	Erie City												
	Erie County**	260	1.5										
	PA	11,325	1.6										
2000-2004	Erie City												
	Erie County**	249	1.5										
	PA	12,238	1.7										
2001-2005	Erie City												
	Erie County**												
	PA												

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\*\* Includes Erie City



Sources: Vital Statistics Database, Erie County Department of Health; Bureau of Health Statistics and Research, PA Department of Health

# PRENATAL VISIT DURING FIRST TRIMESTER OF PREGNANCY

2002-2005

Healthy People 2010 Goal: 90% of live births

*Unknowns excluded in calculations of percentages of total live births for each specified category*

Year	Community	Total Population		White		Black		Hispanic*					
		No.	%	No.	%	No.	%	No.	%				
2002	Erie City	1,281	80.7	1,004	84.7	248	68.5	55	74.3				
	Erie County**	2,771	84.4	2,452	86.7	268	69.8	66	75.9				
	PA	112,799	84.6		87.2		71.0		72.3				
2003	Erie City	963	82.2	733	87.6	150	66.4	66	74.2				
	Erie County**	2,349	85.6	2,075	88.0	159	67.4	84	75.7				
	PA	97,053	81.9		85.3		65.0		69.2				
2004	Erie City	1,083	81.6	780	86.6	201	68.6	84	66.1				
	Erie County**	2,454	85.1	2,105	88.0	216	69.5	103	74.6				
	PA	97,316	81.3		85.2		65.8		67.3				
2005	Erie City												
	Erie County**												
	PA												

\* Hispanics can be of any race

\*\* Includes Erie City



Sources: Vital Statistics Database, Erie County Department of Health; Bureau of Health Statistics and Research, PA Department of Health

# PRENATAL VISIT DURING FIRST TRIMESTER OF PREGNANCY

1998-2002    1999-2003

Healthy People 2010 Goal: 90% of live births

2000-2004    2001-2005

*Unknowns excluded in calculations of percentages of total live births for each specified category*

Year	Community	Total Population		White		Black		Hispanic*					
		No.	%	No.	%	No.	%	No.	%				
1998-2002	Erie City	6,325	77.3										
	Erie County**	14,015	83.0	12,655	85.1	1,154	65.8						
	PA												
1999-2003	Erie City	5,994	78.5										
	Erie County**	13,516	83.7	12,127	86.0	1,098	66.4						
	PA												
2000-2004	Erie City	5,842	79.8										
	Erie County**	13,131	84.2	11,667	86.6	1,077	67.1	418	76.0				
	PA		83.7		86.6		69.4		71.1				
2001-2005	Erie City												
	Erie County**												
	PA												

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Sources: Vital Statistics Database, Erie County Department of Health; Bureau of Health Statistics and Research, PA Department of Health

# TOBACCO USE BY MOTHERS DURING PREGNANCY

2002-2005

Healthy People 2010 Goal: 1% of live births

*Unknowns excluded in calculations of percentages of total live births for each specified category*

Year	Community	Total Population		White		Black		Hispanic*					
		No.	%	No.	%	No.	%	No.	%				
2002	Erie City	471	29.5	338	28.4	119	32.3	21	29.6				
	Erie County**	851	26.0	710	25.3	135	35.3	24	28.9				
	PA	21,780	15.8										
2003	Erie City	418	28.6	317	30.7	73	25.8	24	19.8				
	Erie County**	877	26.7	767	27.5	75	25.2	30	20.0				
	PA	24,722	17.7										
2004	Erie City	475	31.3	340	32.7	106	32.3	32	25.2				
	Erie County**	893	27.4	748	27.5	111	32.1	40	24.4				
	PA	24,760	17.9		19.2		17.6		12.4				
2005	Erie City												
	Erie County**												
	PA												

\* Hispanics can be of any race

\*\* Includes Erie City



Sources: Vital Statistics Database, Erie County Department of Health; Bureau of Health Statistics and Research, PA Department of Health

# TOBACCO USE BY MOTHERS DURING PREGNANCY

1998-2002    1999-2003

Healthy People 2010 Goal: 1% of live births

2000-2004    2001-2005

*Unknowns excluded in calculations of percentages of total live births for each specified category*

Year	Community	Total Population		White		Black		Hispanic*					
		No.	%	No.	%	No.	%	No.	%				
1998-2002	Erie City	2,539	31.0	1,939	30.7	565	32.4						
	Erie County**	4,543	26.7	3,912	26.0	594	32.6						
	PA												
1999-2003	Erie City	2,459	30.8	1,861	30.9	539	31.7						
	Erie County**	4,506	26.8	3,873	26.3	566	31.7						
	PA												
2000-2004	Erie City	2,377	30.3	1,774	30.7	517	31.1						
	Erie County**	4,431	26.7	3,792	26.4	542	31.1						
	PA		17.0		17.9		16.3						
2001-2005	Erie City												
	Erie County**												
	PA												

\* Hispanics can be of any race

\*\* Includes Erie City



Sources: Vital Statistics Database, Erie County Department of Health; Bureau of Health Statistics and Research, PA Department of Health

# BIRTHS TO SINGLE MOTHERS

2002-2005

*Unknowns excluded in calculations of percentages of total live births for each specified category*

Year	Community	Total Population		White		Black		Hispanic*					
		No.	%	No.	%	No.	%	No.	%				
2002	Erie City	859	52.3	532	43.3	306	82.0	53	67.1				
	Erie County**	1,392	41.3	1,048	36.1	317	80.3	60	65.2				
	PA	47,519	33.5										
2003	Erie City	769	52.8	469	45.5	236	84.6	72	59.5				
	Erie County**	1,361	41.6	1,036	37.2	246	83.7	83	55.3				
	PA	48,985	33.9										
2004	Erie City	853	55.9	490	46.9	275	83.1	84	67.1				
	Erie County**	1,394	42.5	1,004	36.8	287	82.2	104	63.4				
	PA	50,487	35.2										
2005	Erie City												
	Erie County**												
	PA												

\* Hispanics can be of any race

\*\* Includes Erie City



Sources: Vital Statistics Database, Erie County Department of Health; Bureau of Health Statistics and Research, PA Department of Health

# BIRTHS TO SINGLE MOTHERS

1998-2002    1999-2003  
 2000-2004    2001-2005

*Unknowns excluded in calculations of percentages of total live births for each specified category*

Year	Community	Total Population		White		Black		Hispanic*					
		No.	%	No.	%	No.	%	No.	%				
1998-2002	Erie City												
	Erie County**	7,029	40.8	5,414	35.7	1,514	83.2						
	PA												
1999-2003	Erie City												
	Erie County**	6,957	41.0	5,322	36.0	1,467	83.2						
	PA												
2000-2004	Erie City												
	Erie County**	6,932	41.4	5,243	36.4	1,429	82.7	387	61.6				
	PA												
2001-2005	Erie City												
	Erie County**												
	PA												

\* Hispanics can be of any race

\*\* Includes Erie City



Sources: Vital Statistics Database, Erie County Department of Health; Bureau of Health Statistics and Research, PA Department of Health

# BIRTHS TO MOTHERS BETWEEN 15 AND 19 YEARS OF AGE

2002-2005

*Unknowns excluded in calculations of percentages of total live births for each specified category*

Year	Community	Total Population		White		Black		Hispanic*					
		No.	%	No.	%	No.	%	No.	%				
2002	Erie City	252	15.3	153	12.4	91	24.4	22	27.8				
	Erie County**	402	11.9	301	10.4	92	23.3	23	25.0				
	PA	12,934	9.1										
2003	Erie City	218	14.9	124	12.0	66	23.3	30	24.8				
	Erie County**	389	11.8	289	10.3	68	22.8	34	22.7				
	PA	12,912	8.9										
2004	Erie City	218	14.3	120	11.5	71	21.5	31	24.4				
	Erie County**	364	11.1	259	9.5	75	21.5	37	22.6				
	PA	12,766	8.9										
2005	Erie City												
	Erie County**												
	PA												

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\*\* Includes Erie City



Sources: Vital Statistics Database, Erie County Department of Health; Bureau of Health Statistics and Research, PA Department of Health