

Erie County Birth Statistics Updates, 2005-2007

Epidemiology

ERIE COUNTY DEPARTMENT OF HEALTH
Public Health Preparedness Division



ERIE COUNTY
DEPARTMENT OF HEALTH



PUBLIC HEALTH
PREPAREDNESS
DIVISION

Erie County Birth Statistics Updates, 2005-2007

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*“Our mission is to preserve, promote, and protect
the health, safety and well-being of the people and the environment in Erie County.”*

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LIVE BIRTHS

Crude birth rates are per 1,000 population and racial/ethnic percentages are reported for each particular community

Year	Community	Total Population				White				Black				Hispanic (of any race)			
		Births	Rate			Births	%			Births	%			Births	%		
2005	City of Erie	1,533	14.9			1,012	66.0			371	24.2			122	8.0		
	Erie County	3,223	11.5			2,615	81.1			397	12.3			160	5.0		
	PA	145,033	11.7			108,795	75.0			20,402	14.1			12,145	8.4		
2006	City of Erie	1,655	16.2			1,096	66.2			395	23.9			137	8.3		
	Erie County	3,441	12.3			2,810	81.7			415	12.1			166	4.8		
	PA	148,706	12.0			109,749	73.8			21,535	14.5			13,212	8.9		
2007	City of Erie	1,770	17.1			1,145	64.7			433	24.5			177	10.0		
	Erie County	3,529	12.6			2,832	80.2			452	12.8			205	5.8		
	PA	150,322	12.1			109,584	72.9			22,060	14.7			13,731	9.1		
2005-2007	City of Erie	4,958	16.0			3,253	65.6			1,199	24.2			436	8.8		
	Erie County	10,193	12.1			8,257	81.0			1,264	12.4			531	5.2		
	PA	444,061	11.9			328,128	73.9			63,997	14.4			39,088	8.8		

Sources: Division of Public Health Preparedness, Erie County Department of Health; Bureau of Health Statistics and Research, PA Department of Health



BIRTHS TO MOTHERS UNDER 18 YEARS OF AGE

Unknowns (Unkn) excluded in calculations of percentages of total live births for each specified category

Year	Community	Total Population				White				Black				Hispanic (of any race)			
		Births	Count	Unkn	%	Births	Count	Unkn	%	Births	Count	Unkn	%	Births	Count	Unkn	%
2005	City of Erie	1,533	89	0	5.8	1,012	40	0	4.0	371	40	0	10.8	122	17	0	13.9
	Erie County	3,223	132	1	4.1	2,615	75	1	2.9	397	44	0	11.1	160	21	0	13.1
	PA	145,033	4,395	162	3.0	108,795	1,970	86	1.8	20,402	1,649	45	8.1	12,145	878	14	7.2
2006	City of Erie	1,655	89	1	5.4	1,096	41	0	3.7	395	40	0	10.1	137	11	0	8.0
	Erie County	3,441	138	3	4.0	2,810	82	1	2.9	415	44	0	10.6	166	14	0	8.4
	PA	148,706	4,520	180	3.0	109,749	1,935	103	1.8	21,535	1,711	47	8.0	13,212	948	10	7.2
2007	City of Erie	1,770	126	1	7.1	1,145	43	1	3.8	433	66	0	15.2	177	19	0	10.7
	Erie County	3,529	177	1	5.0	2,832	92	1	3.2	452	66	0	14.6	205	20	0	9.8
	PA	150,322	4,499	124	3.0	109,584	1,940	73	1.8	22,060	1,660	27	7.5	13,731	955	5	7.0
2005-2007	City of Erie	4,958	304	2	6.1	3,253	124	1	3.8	1,199	146	0	12.2	436	47	0	10.8
	Erie County	10,193	447	5	4.4	8,257	249	3	3.0	1,264	154	0	12.2	531	55	0	10.4
	PA	444,061	13,414	466	3.0	328,128	5,845	262	1.8	63,997	5,020	119	7.9	39,088	2,781	29	7.1

Sources: Division of Public Health Preparedness, 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

Unknowns (Unkn) excluded in calculations of percentages of total live births for each specified category

Year	Community	Total Population				White				Black				Hispanic (of any race)			
		Births	Count	Unkn	%	Births	Count	Unkn	%	Births	Count	Unkn	%	Births	Count	Unkn	%
2005	City of Erie	1,533	243	0	15.9	1,012	119	0	11.8	371	86	0	23.2	122	41	0	33.6
	Erie County	3,223	384	1	11.9	2,615	244	1	9.3	397	94	0	23.7	160	46	0	28.8
	PA	145,033	12,893	162	8.9	108,795	6,864	86	6.3	20,402	4,002	45	19.7	12,145	2,258	14	18.6
2006	City of Erie	1,655	245	1	14.8	1,096	120	0	10.9	395	97	0	24.6	137	27	0	19.7
	Erie County	3,441	390	3	11.3	2,810	255	1	9.1	415	101	0	24.3	166	32	0	19.3
	PA	148,706	13,580	180	9.1	109,749	7,098	103	6.5	21,535	4,218	47	19.6	13,212	2,437	10	18.5
2007	City of Erie	1,770	280	1	15.8	1,145	121	1	10.6	433	124	0	28.6	177	39	0	22.0
	Erie County	3,529	456	1	12.9	2,832	288	1	10.2	452	128	0	28.3	205	44	0	21.5
	PA	150,322	13,820	124	9.2	109,584	7,190	73	6.6	22,060	4,301	27	19.5	13,731	2,454	5	17.9
2005-2007	City of Erie	4,958	768	2	15.5	3,253	360	1	11.1	1,199	307	0	25.6	436	107	0	24.5
	Erie County	10,193	1,230	5	12.1	8,257	787	3	9.5	1,264	323	0	25.6	531	122	0	23.0
	PA	444,061	40,293	466	9.1	328,128	21,152	262	6.5	63,997	12,521	119	19.6	39,088	7,149	29	18.3

Sources: Division of Public Health Preparedness, Erie County Department of Health; Bureau of Health Statistics and Research, PA Department of Health



BIRTHS TO UNMARRIED MOTHERS

Unknowns (Unkn) excluded in calculations of percentages of total live births for each specified category

Year	Community	Total Population				White				Black				Hispanic (of any race)			
		Births	Count	Unkn	%	Births	Count	Unkn	%	Births	Count	Unkn	%	Births	Count	Unkn	%
2005	City of Erie	1,533	873	0	56.9	1,012	481	0	47.5	371	303	0	81.7	122	89	0	73.0
	Erie County	3,223	1,377	2	42.8	2,615	946	2	36.2	397	321	0	80.9	160	104	0	65.0
	PA	145,033	52,849	421	36.5	108,795	29,960	259	27.6	20,402	15,699	39	77.1	12,145	7,480	20	61.7
2006	City of Erie	1,655	987	2	59.7	1,096	550	1	50.2	395	336	0	85.1	137	87	0	63.5
	Erie County	3,441	1,605	4	46.7	2,810	1,141	2	40.6	415	347	0	83.6	166	99	0	59.6
	PA	148,706	56,749	392	38.3	109,749	31,885	194	29.1	21,535	16,718	34	77.8	13,212	8,354	52	63.5
2007	City of Erie	1,770	1,098	2	62.1	1,145	601	1	52.5	433	376	0	86.8	177	126	0	71.2
	Erie County	3,529	1,745	5	49.5	2,832	1,218	3	43.1	452	389	1	86.3	205	138	0	67.3
	PA	150,322	59,466	605	39.7	109,584	33,238	379	30.4	22,060	17,292	40	78.5	13,731	8,801	41	64.3
2005-2007	City of Erie	4,958	2,958	4	59.7	3,253	1,632	2	50.2	1,199	1,015	0	84.7	436	302	0	69.3
	Erie County	10,193	4,727	11	46.4	8,257	3,305	7	40.1	1,264	1,057	1	83.7	531	341	0	64.2
	PA	444,061	169,064	1,418	38.2	328,128	95,083	832	29.1	63,997	49,709	113	77.8	39,088	24,635	113	63.2

Sources: Division of Public Health Preparedness, Erie County Department of Health; Bureau of Health Statistics and Research, PA Department of Health



MOTHER RECEIVED PRENATAL CARE DURING FIRST TRIMESTER OF PREGNANCY

Healthy People 2010 Goal: 90% of live births

Unknowns (Unkn) excluded in calculations of percentages of total live births for each specified category

Year	Community	Total Population				White				Black				Hispanic (of any race)			
		Births	Count	Unkn	%	Births	Count	Unkn	%	Births	Count	Unkn	%	Births	Count	Unkn	%
2005	City of Erie	1,533	1,034	245	80.3	1,012	734	151	85.2	371	218	71	72.7	122	71	17	67.6
	Erie County	3,223	2,327	450	83.9	2,615	1,970	346	86.8	397	232	76	72.3	160	98	21	70.5
	PA	145,033	97,194	25,246	81.1	108,795	78,492	16,421	85.0	20,402	9,956	5,410	66.4	12,145	6,389	2,561	66.7
2006	City of Erie	1,655	1,092	230	76.6	1,096	776	148	81.9	395	212	60	63.3	137	83	18	69.7
	Erie County	3,441	2,419	467	81.3	2,810	2,056	374	84.4	415	224	64	63.8	166	104	21	71.7
	PA	148,706	96,697	27,936	80.1	109,749	77,027	18,181	84.1	21,535	10,273	5,864	65.6	13,212	6,855	2,870	66.3
2007	City of Erie	1,770	1,118	251	73.6	1,145	758	149	76.1	433	245	65	66.6	177	104	31	71.2
	Erie County	3,529	2,415	457	78.6	2,832	2,003	349	80.7	452	256	71	67.2	205	125	33	72.7
	PA	150,322	95,872	29,851	79.6	109,584	76,686	17,908	83.6	22,060	9,553	7,351	64.9	13,731	6,831	3,215	65.0
2005-2007	City of Erie	4,958	3,244	726	76.7	3,253	2,268	448	80.9	1,199	675	196	67.3	436	258	66	69.7
	Erie County	10,193	7,161	1,374	81.2	8,257	6,029	1,069	83.9	1,264	712	211	67.6	531	327	75	71.7
	PA	444,061	289,763	83,033	80.3	328,128	232,205	52,510	84.2	63,997	29,782	18,625	65.6	39,088	20,075	8,646	65.9

Sources: Division of Public Health Preparedness, Erie County Department of Health; Bureau of Health Statistics and Research, PA Department of Health



BIRTHS TO MOTHERS WHO DID NOT SMOKE DURING PREGNANCY

Healthy People 2010 Goal: 99% of live births

Unknowns (Unkn) excluded in calculations of percentages of total live births for each specified category

Year	Community	Total Population				White				Black				Hispanic (of any race)			
		Births	Count	Unkn	%	Births	Count	Unkn	%	Births	Count	Unkn	%	Births	Count	Unkn	%
2005	City of Erie	1,533	1,017	4	66.5	1,012	657	4	65.2	371	247	0	66.6	122	91	1	75.2
	Erie County	3,223	2,302	14	71.7	2,615	1,877	13	72.1	397	263	0	66.2	160	123	1	77.4
	PA	145,033	114,207	5,915	82.1	108,795	84,283	4,204	80.6	20,402	16,186	941	83.2	12,145	10,182	569	88.0
2006	City of Erie	1,655	1,100	11	66.9	1,096	713	3	65.2	395	259	5	66.4	137	109	1	80.1
	Erie County	3,441	2,455	17	71.7	2,810	2,015	7	71.9	415	277	6	67.7	166	135	1	81.8
	PA	148,706	117,454	6,201	82.4	109,749	85,158	4,240	80.7	21,535	17,204	1,058	84.0	13,212	11,166	653	88.9
2007	City of Erie	1,770	1,207	17	68.9	1,145	758	11	66.8	433	300	4	69.9	177	137	12	83.0
	Erie County	3,529	2,509	27	71.6	2,832	2,004	21	71.3	452	312	4	69.6	205	157	2	77.3
	PA	150,322	118,853	6,314	82.5	109,584	85,025	4,201	80.7	22,060	17,663	1,128	84.4	13,731	11,738	601	89.4
2005-2007	City of Erie	4,958	3,324	32	67.5	3,253	2,128	18	65.8	1,199	806	9	67.7	436	337	4	78.0
	Erie County	10,193	7,266	58	71.6	8,257	5,896	41	71.8	1,264	852	10	67.9	531	415	4	78.7
	PA	444,061	350,514	18,430	82.4	328,128	254,466	12,645	80.7	63,997	51,053	3,127	83.9	39,088	33,086	1,823	88.8

Sources: Division of Public Health Preparedness, 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 OR 5 LBS. 9 OZS.)

Healthy People 2010 Goal: 5% of live births

Unknowns (Unkn) excluded in calculations of percentages of total live births for each specified category

Year	Community	Total Population				White				Black				Hispanic (of any race)			
		Births	Count	Unkn	%	Births	Count	Unkn	%	Births	Count	Unkn	%	Births	Count	Unkn	%
2005	City of Erie	1,533	143	0	9.3	1,012	78	0	7.7	371	46	0	12.4	122	20	0	16.4
	Erie County	3,223	252	2	7.8	2,615	177	2	6.8	397	49	0	12.3	160	24	0	15.0
	PA	145,033	12,045	755	8.3	108,795	7,917	248	7.3	20,402	2,761	280	13.7	12,145	1,068	52	8.8
2006	City of Erie	1,655	183	1	11.1	1,096	110	0	10.0	395	56	1	14.2	137	18	0	13.1
	Erie County	3,441	313	2	9.1	2,810	236	1	8.4	415	57	1	13.8	166	20	0	12.0
	PA	148,706	12,479	1,373	8.5	109,749	8,023	726	7.4	21,535	2,980	272	14.0	13,212	1,138	118	8.7
2007	City of Erie	1,770	172	1	9.7	1,145	95	0	8.3	433	54	1	12.5	177	25	0	14.1
	Erie County	3,529	298	3	8.5	2,832	213	2	7.5	452	60	1	13.3	205	26	0	12.7
	PA	150,322	12,496	1,639	8.4	109,584	7,741	1,006	7.1	22,060	3,048	195	13.9	13,731	1,216	129	8.9
2005-2007	City of Erie	4,958	498	2	10.0	3,253	283	0	8.7	1,199	156	2	13.0	436	63	0	14.4
	Erie County	10,193	863	7	8.5	8,257	626	5	7.6	1,264	166	2	13.2	531	70	0	13.2
	PA	444,061	37,020	3,767	8.4	328,128	23,681	1,980	7.3	63,997	8,789	747	13.9	39,088	3,422	299	8.8

Sources: Division of Public Health Preparedness, Erie County Department of Health; Bureau of Health Statistics and Research, PA Department of Health



INFANT DEATHS (UNDER 1 YEAR OF AGE)

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

Infant death rates are per 1,000 live births for each specified category

Year	Community	Total Population				White				Black				Hispanic (of any race)			
		Births	Deaths	Rate		Births	Deaths	Rate		Births	Deaths	Rate		Births	Deaths	Rate	
2005	City of Erie	1,533	14	9.1		1,012	11	10.9		371	2	**		122	0	**	
	Erie County	3,223	23	7.1		2,615	19	7.3		397	3	**		160	0	**	
	PA	145,033	1,047	7.2		108,795	680	6.3		20,402	320	15.7		12,145	86	7.1	
2006	City of Erie	1,655	23	13.9		1,096	11	10.0		395	11	27.8		137	2	**	
	Erie County	3,441	33	9.6		2,810	21	7.5		415	11	26.5		166	2	**	
	PA	148,706	1,122	7.5		109,749	689	6.3		21,535	367	17.0		13,212	77	5.8	
2007	City of Erie	1,770	20	11.3		1,145	10	7.6		433	9	**		177	1	**	
	Erie County	3,529	29	8.2		2,832	18	6.4		452	10	22.1		205	1	**	
	PA	150,322	1,123	7.5		109,584	676	6.2		22,060	375	17.0		13,731	91	6.6	
2005-2007	City of Erie	4,958	57	11.5		3,253	32	9.8		1,199	22	18.3		436	3	**	
	Erie County	10,193	85	8.3		8,257	58	7.0		1,264	24	19.0		531	3	**	
	PA	444,061	3,292	7.4		328,128	2,045	6.2		63,997	1,062	16.6		39,088	254	6.5	

** = Rates based on less than 10 events are statistically unreliable

Sources: Division of Public Health Preparedness, Erie County Department of Health; Bureau of Health Statistics and Research, PA Department of Health



NEONATAL DEATHS (UNDER 28 DAYS OF AGE)

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

Neonatal death rates are per 1,000 live births for each specified category

Year	Community	Total Population				White				Black				Hispanic (of any race)			
		Births	Deaths	Rate		Births	Deaths	Rate		Births	Deaths	Rate		Births	Deaths	Rate	
2005	City of Erie	1,533	14	9.1		1,012	11	10.9		371	2	**		122	0	**	
	Erie County	3,223	16	5.0		2,615	13	5.0		397	3	**		160	0	**	
	PA	145,033	742	5.1		108,795	483	4.4		20,402	220	10.8		12,145	62	5.1	
2006	City of Erie	1,655	11	6.6		1,096	5	**		395	6	**		137	1	**	
	Erie County	3,441	17	4.9		2,810	11	3.9		415	6	**		166	1	**	
	PA	148,706	806	5.4		109,749	479	4.4		21,535	278	12.9		13,212	55	4.2	
2007	City of Erie	1,770	16	9.0		1,145	8	**		433	8	**		177	0	**	
	Erie County	3,529	22	6.2		2,832	13	4.6		452	9	**		205	0	**	
	PA	150,322	739	4.9		109,584	447	4.1		22,060	233	10.6		13,731	55	4.0	
2005-2007	City of Erie	4,958	41	8.3		3,253	24	7.4		1,199	16	13.3		436	1	**	
	Erie County	10,193	55	5.4		8,257	37	4.5		1,264	18	14.2		531	1	**	
	PA	444,061	2,287	5.2		328,128	1,409	4.3		63,997	731	11.4		39,088	172	4.4	

** = Rates based on less than 10 events are statistically unreliable

Sources: Division of Public Health Preparedness, Erie County Department of Health; Bureau of Health Statistics and Research, PA Department of Health

