

Erie County Birth Statistics Updates, 2007-2009

Epidemiology

ERIE COUNTY DEPARTMENT OF HEALTH
Public Health Preparedness Division



ERIE COUNTY
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ERIE COUNTY, PA



PUBLIC HEALTH
PREPAREDNESS
DIVISION

Erie County Birth Statistics Updates, 2007-2009

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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	%		
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		
2008	City of Erie	1,678	16.2			1,106	65.9			396	23.6			140	8.3		
	Erie County	3,394	12.2			2,751	81.1			412	12.1			169	5.0		
	PA	148,934	12.0			107,623	72.3			22,430	15.1			13,883	9.3		
2009	City of Erie	1,628	15.7			1,053	64.7			387	23.8			155	9.5		
	Erie County	3,232	11.5			2,583	79.9			403	12.5			189	5.8		
	PA	145,472	11.5			104,201	71.6			21,998	15.1			14,001	9.6		
2007-2009	City of Erie	5,076	16.3			3,304	65.1			1,216	24.0			472	9.3		
	Erie County	10,155	12.1			8,166	80.4			1,267	12.5			563	5.5		
	PA	444,728	11.9			321,408	72.3			66,488	15.0			41,615	9.4		

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	%
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
2008	City of Erie	1,678	263	0	15.7	1,106	104	0	9.4	396	119	0	30.0	140	34	0	24.3
	Erie County	3,394	407	0	12.0	2,751	239	0	8.7	412	121	0	29.4	169	38	0	22.5
	PA	148,934	13,708	83	9.2	107,623	6,997	52	6.5	22,430	4,282	10	19.1	13,883	2,472	4	17.8
2009	City of Erie	1,628	205	2	12.6	1,053	83	2	7.9	387	87	0	22.5	155	35	0	22.6
	Erie County	3,232	342	2	10.6	2,583	208	2	8.1	403	92	0	22.8	189	39	0	20.6
	PA	145,472	12,831	80	8.8	104,201	6,400	56	6.1	21,998	4,042	12	18.4	14,001	2,444	5	17.5
2007-2009	City of Erie	5,076	748	3	14.7	3,304	308	3	9.3	1,216	330	0	27.1	472	108	0	22.9
	Erie County	10,155	1,205	3	11.9	8,166	735	3	9.0	1,267	341	0	26.9	563	121	0	21.5
	PA	444,728	40,359	287	9.1	321,408	20,587	181	6.4	66,488	12,625	49	19.0	41,615	7,370	14	17.8

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	%
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
2008	City of Erie	1,678	1,068	12	63.7	1,106	610	8	55.5	396	337	3	85.8	140	102	1	73.4
	Erie County	3,394	1,680	19	49.8	2,751	1,207	14	44.1	412	344	4	84.3	169	114	1	67.9
	PA	148,934	60,269	768	40.7	107,623	33,301	503	31.1	22,430	17,563	160	78.9	13,883	9,194	53	66.5
2009	City of Erie	1,628	975	18	60.6	1,053	542	14	52.2	387	314	3	81.8	155	114	1	74.0
	Erie County	3,232	1,575	30	49.2	2,583	1,114	26	43.6	403	326	3	81.5	189	127	1	67.6
	PA	145,472	59,194	845	40.9	104,201	32,264	611	31.1	21,998	17,373	77	79.3	14,001	9,241	60	66.3
2007-2009	City of Erie	5,076	3,135	32	62.2	3,304	1,753	23	53.4	1,216	1,027	6	84.9	472	342	2	72.8
	Erie County	10,155	5,000	54	49.5	8,166	3,539	43	43.6	1,267	1,059	8	84.1	563	379	2	67.6
	PA	444,728	178,929	2,218	40.4	321,408	98,803	1,493	30.9	66,488	52,228	277	78.9	41,615	27,236	154	65.7

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	%
2007	City of Erie	1,770	1,129	24	64.7	1,145	783	14	69.2	433	232	6	54.3	177	101	4	64.1
	Erie County	3,529	2,471	44	70.9	2,832	2,075	33	74.1	452	244	7	54.8	205	124	4	61.7
	PA	150,322	95,605	14,639	70.5	109,584	76,350	8,600	75.6	22,060	9,916	3,616	53.8	13,731	6,445	1,585	53.1
2008	City of Erie	1,678	1,148	23	69.4	1,106	829	14	75.9	396	217	5	55.5	140	77	6	57.5
	Erie County	3,394	2,492	37	74.2	2,751	2,128	28	78.1	412	228	5	56.0	169	93	6	57.1
	PA	148,934	97,224	11,113	70.5	107,623	76,767	6,356	75.8	22,430	10,577	2,738	53.7	13,883	6,900	1,479	55.6
2009	City of Erie	1,628	1,144	17	71.0	1,053	793	9	76.0	387	237	7	62.4	155	105	2	68.6
	Erie County	3,232	2,386	26	74.4	2,583	1,985	16	77.3	403	247	7	62.4	189	128	3	68.8
	PA	145,472	97,574	7,775	70.9	104,201	75,938	4,576	76.2	21,998	11,053	1,890	55.0	14,001	7,274	807	55.1
2007-2009	City of Erie	5,076	3,421	64	68.3	3,304	2,405	37	73.6	1,216	686	18	57.3	472	283	12	61.5
	Erie County	10,155	7,349	107	73.1	8,166	6,188	77	76.5	1,267	719	19	57.6	563	345	13	62.7
	PA	444,728	290,403	33,527	70.6	321,408	229,055	19,532	75.9	66,488	31,546	8,244	54.2	41,615	20,619	3,871	54.6

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	%
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
2008	City of Erie	1,678	1,125	9	67.4	1,106	723	3	65.5	396	266	5	68.0	140	102	0	72.8
	Erie County	3,394	2,429	16	71.9	2,751	1,965	10	71.7	412	279	5	68.6	169	126	0	74.6
	PA	148,934	118,936	5,714	83.0	107,623	84,367	3,550	81.1	22,430	18,087	1,251	85.4	13,883	11,911	644	90.0
2009	City of Erie	1,628	1,116	9	68.9	1,053	708	4	67.5	387	265	3	69.0	155	119	1	77.3
	Erie County	3,232	2,335	13	72.5	2,583	1,866	8	72.5	403	277	3	69.2	189	148	1	78.7
	PA	145,472	117,387	4,836	83.5	104,201	82,698	2,773	81.5	21,998	17,884	1,059	85.4	14,001	11,987	624	89.6
2007-2009	City of Erie	5,076	3,448	35	68.4	3,304	2,189	18	66.6	1,216	831	12	69.0	472	358	3	76.3
	Erie County	10,155	7,273	56	72.0	8,166	5,835	39	71.8	1,267	868	12	69.2	563	431	3	77.0
	PA	444,728	355,176	16,864	83.0	321,408	252,090	10,524	81.1	66,488	53,634	3,438	85.1	41,615	35,636	1,869	89.7

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	%
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
2008	City of Erie	1,678	161	3	9.6	1,106	80	1	7.2	396	57	1	14.4	140	17	0	12.1
	Erie County	3,394	292	5	8.6	2,751	206	3	7.5	412	61	1	14.8	169	17	0	10.1
	PA	148,934	12,301	486	8.3	107,623	7,599	210	7.1	22,430	2,999	179	13.5	13,883	1,200	45	8.7
2009	City of Erie	1,628	173	0	10.6	1,053	83	0	7.9	387	67	0	17.3	155	17	0	11.0
	Erie County	3,232	277	0	8.6	2,583	182	0	7.0	403	69	0	17.1	189	18	0	9.5
	PA	145,472	12,108	508	8.4	104,201	7,425	195	7.1	21,998	2,939	125	13.4	14,001	1,263	49	9.1
2007-2009	City of Erie	5,076	506	4	10.0	3,304	258	1	7.8	1,216	178	2	14.7	472	59	0	12.5
	Erie County	10,155	867	8	8.5	8,166	601	5	7.4	1,267	190	2	15.0	563	61	0	10.8
	PA	444,728	36,905	2,633	8.3	321,408	22,765	1,411	7.1	66,488	8,986	499	13.6	41,615	3,679	223	8.9

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
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
2008	City of Erie	1,678	23	13.7	1,106	10	9.0	396	11	27.8	140	1	**
	Erie County	3,394	35	10.3	2,751	22	8.0	412	11	26.7	169	1	**
	PA	148,934	1,090	7.3	107,623	716	6.7	22,430	322	14.4	13,883	101	7.3
2009	City of Erie	1,628	24	14.7	1,053	9	**	387	14	36.2	155	0	**
	Erie County	3,232	35	10.8	2,583	20	7.7	403	14	34.7	189	0	**
	PA	145,472	1,044	7.2	104,201	638	6.1	21,998	366	16.6	14,001	88	6.1
2007-2009	City of Erie	5,076	67	13.2	3,304	29	8.8	1,216	34	28.0	472	2	**
	Erie County	10,155	99	9.7	8,166	60	7.3	1,267	35	27.6	563	2	**
	PA	444,728	3,257	7.3	321,408	2,030	6.3	66,488	1,063	16.0	41,615	280	6.7

** = 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	
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	
2008	City of Erie	1,678	14	8.3		1,106	7	**		396	5	**		140	1	**	
	Erie County	3,394	24	7.1		2,751	17	6.2		412	5	**		169	1	**	
	PA	148,934	779	5.2		107,623	510	4.7		22,430	230	10.3		13,883	73	5.3	
2009	City of Erie	1,628	17	10.4		1,053	5	**		387	11	28.4		155	0	**	
	Erie County	3,232	23	7.1		2,583	11	4.3		403	11	27.3		189	0	**	
	PA	145,472	715	4.9		104,201	440	4.2		21,998	242	11.0		14,001	59	4.2	
2007-2009	City of Erie	5,076	47	9.3		3,304	20	6.1		1,216	24	19.7		472	1	**	
	Erie County	10,155	69	6.8		8,166	41	5.0		1,267	25	19.7		563	1	**	
	PA	444,728	2,233	5.0		321,408	1,397	4.3		66,488	705	10.6		41,615	187	4.5	

** = 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

