

Teen Births in the City of Erie & Erie County (PA), 1990-2010

Epidemiology



ERIE COUNTY
DEPARTMENT OF HEALTH

ERIE COUNTY, PA



PUBLIC HEALTH
PREPAREDNESS
DIVISION

Teen Births in the City of Erie & Erie County (PA), 1990-2010

August, 2011

Erie County Department of Health
606 West Second Street
Erie, PA 16507
Tel: (814) 451-6700
Fax: (814) 451-6767
Website: <http://www.ecdh.org>

Compiled by: Jeff Quirk, Epidemiologist

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

TABLE OF CONTENTS

Selected Highlights 4

Number of Live Births and Birth Rates by Age of Mother, 1990-2010 (table) 5

Live Birth Rates for Females of All Ages, 1990-2010 (figure) 6

Live Birth Rates for Females Aged 15-19 Years, 1990-2010 (figure) 7

Live Birth Rates for Females Aged 15-17 Years, 1990-2010 (figure) 8

Live Birth Rates for Females Aged 18-19 Years, 1990-2010 (figure) 9

Note: Data and information provided in this report were obtained from the following sources: (1) the Erie County Department of Health, (2) the Bureau of Health Statistics and Research, Pennsylvania Department of Health, and (3) the United States Census Bureau. State and federal agencies disclaim responsibility for any of the analyses, interpretations, or conclusions that appear in this report. Readers should note that 2010 Pennsylvania data are not yet available, and 2010 Erie County data are preliminary.

SELECTED HIGHLIGHTS

- The birth rates for female residents 15 to 19 years of age fell by 36% in both the City of Erie and Erie County from 1990 through 2004. However, these rates then increased over the next three years by a total of 28% in the City of Erie and 26% in Erie County (pp.5,7).
- A similar but more striking trend was observed in the birth rates for female residents aged 15-17 years. These birth rates dropped by 46% in the City of Erie and 47% in Erie County from 1990-2004, but then rose by 85% in the City of Erie and 66% in Erie County by the end of 2007 (pp.5,8).
- Newly released data for the years 2008, 2009, and 2010 indicate that the long-term downward trends in the 15-17 and 15-19 teen birth rates have resumed.
- In 2010, the City of Erie's 15-19 birth rate reached a historic low at 53.1 births per 1,000 females aged 15-19 years (compared to 73.6 per 1,000 in 2007). Erie County's 15-19 birth rate was 33.1 per 1,000 (compared to 39.8 per 1,000 in 2007) (pp.5,7).
- In 2010, the City of Erie's 15-17 birth rate also reached a historic low at 33.5 births per 1,000 females aged 15-17 years (compared to 63.1 per 1,000 in 2007). Erie County's 15-17 birth rate was 18.1 per 1,000 (compared to 27.2 per 1,000 in 2007) (pp.5,8).
- Since 1990, the fewest three-year total number of births to Erie County female residents 15-17, 18-19, and 15-19 years of age were recorded during the most recent period of 2008-2010 (p.5).

Number of Live Births and Birth Rates by Age of Mother, 1990-2010

Year	All Ages					Ages 15-19					Ages 15-17					Ages 18-19				
	City of Erie		Erie County		PA	City of Erie		Erie County		PA	City of Erie		Erie County		PA	City of Erie		Erie County		PA
	No.	Rate	No.	Rate	Rate	No.	Rate	No.	Rate	Rate	No.	Rate	No.	Rate	Rate	No.	Rate	No.	Rate	Rate
1990	2,258	20.8	4,211	15.3	14.4	367	89.8	558	49.6	45.2	126	62.7	173	30.7	28.5	241	115.9	385	68.7	65.6
1991	2,196	20.2	4,138	14.9	14.0	376	92.0	588	51.9	43.9	142	70.7	220	39.1	27.8	234	112.6	368	64.6	64.4
1992	2,147	19.7	4,091	14.6	13.6	375	91.8	589	52.0	41.5	145	72.2	213	37.8	27.4	230	110.6	376	65.9	60.0
1993	2,161	19.9	4,111	14.7	13.3	361	88.3	524	45.4	39.9	144	71.7	190	33.1	26.6	217	104.4	334	57.5	57.6
1994	2,096	19.3	3,929	14.0	13.0	404	98.9	602	52.4	39.6	167	83.2	231	40.5	26.7	237	114.0	371	64.2	57.2
1995	1,876	17.3	3,676	13.1	12.5	307	75.1	484	41.1	38.9	125	62.3	184	31.5	25.8	182	87.5	300	50.7	56.7
1996	1,886	17.3	3,674	13.1	12.3	334	81.7	527	45.8	37.4	134	66.7	196	34.3	24.6	200	96.2	331	57.1	54.8
1997	1,710	15.7	3,484	12.5	12.0	284	69.5	490	41.2	35.4	99	49.3	171	29.0	22.0	185	89.0	319	53.3	53.6
1998	1,699	15.6	3,541	12.8	12.1	278	68.0	476	39.5	35.6	97	48.3	157	26.2	22.6	181	87.1	319	52.7	52.2
1999	1,643	15.1	3,519	12.7	12.1	265	64.8	433	35.7	34.7	94	46.8	148	24.5	21.2	171	82.3	285	46.7	52.2
2000	1,638	15.8	3,471	12.4	11.9	227	59.7	400	36.3	33.9	86	44.5	146	24.1	19.5	141	75.4	254	51.3	54.0
2001	1,620	15.6	3,369	12.1	11.7	258	67.8	450	40.3	31.4	93	48.1	150	24.4	17.3	165	88.2	300	59.7	51.5
2002	1,643	15.8	3,372	12.0	11.5	253	66.5	402	35.8	29.4	107	55.4	141	22.8	16.4	146	78.3	261	51.7	48.1
2003	1,468	14.2	3,299	11.8	11.8	218	57.3	389	33.6	28.9	82	42.4	131	20.5	16.6	136	72.7	258	49.6	46.9
2004	1,527	14.7	3,280	11.6	11.6	218	57.3	364	31.6	28.2	66	34.1	104	16.4	15.7	152	81.2	260	50.2	46.1
2005	1,533	14.8	3,223	11.5	11.7	243	63.9	384	33.4	28.2	83	42.9	125	19.8	15.4	160	85.5	259	50.2	46.5
2006	1,655	16.0	3,441	12.3	12.0	245	64.4	390	33.8	29.5	86	44.5	130	20.5	16.0	159	85.0	260	50.2	48.7
2007	1,770	17.1	3,529	12.6	12.1	280	73.6	456	39.8	30.1	122	63.1	172	27.2	16.1	158	84.4	284	55.1	49.4
2008	1,678	16.2	3,394	12.2	12.0	263	69.1	407	35.8	29.9	102	52.8	129	20.6	16.3	161	86.1	278	54.1	48.1
2009	1,628	15.7	3,232	11.5	11.5	205	53.9	342	29.9	27.5	73	37.8	113	17.9	14.5	132	70.6	229	44.5	44.8
2010	1,629	16.0	3,259	11.6	*****	215	53.1	365	33.1	*****	64	33.5	105	18.1	*****	151	80.7	260	49.5	*****

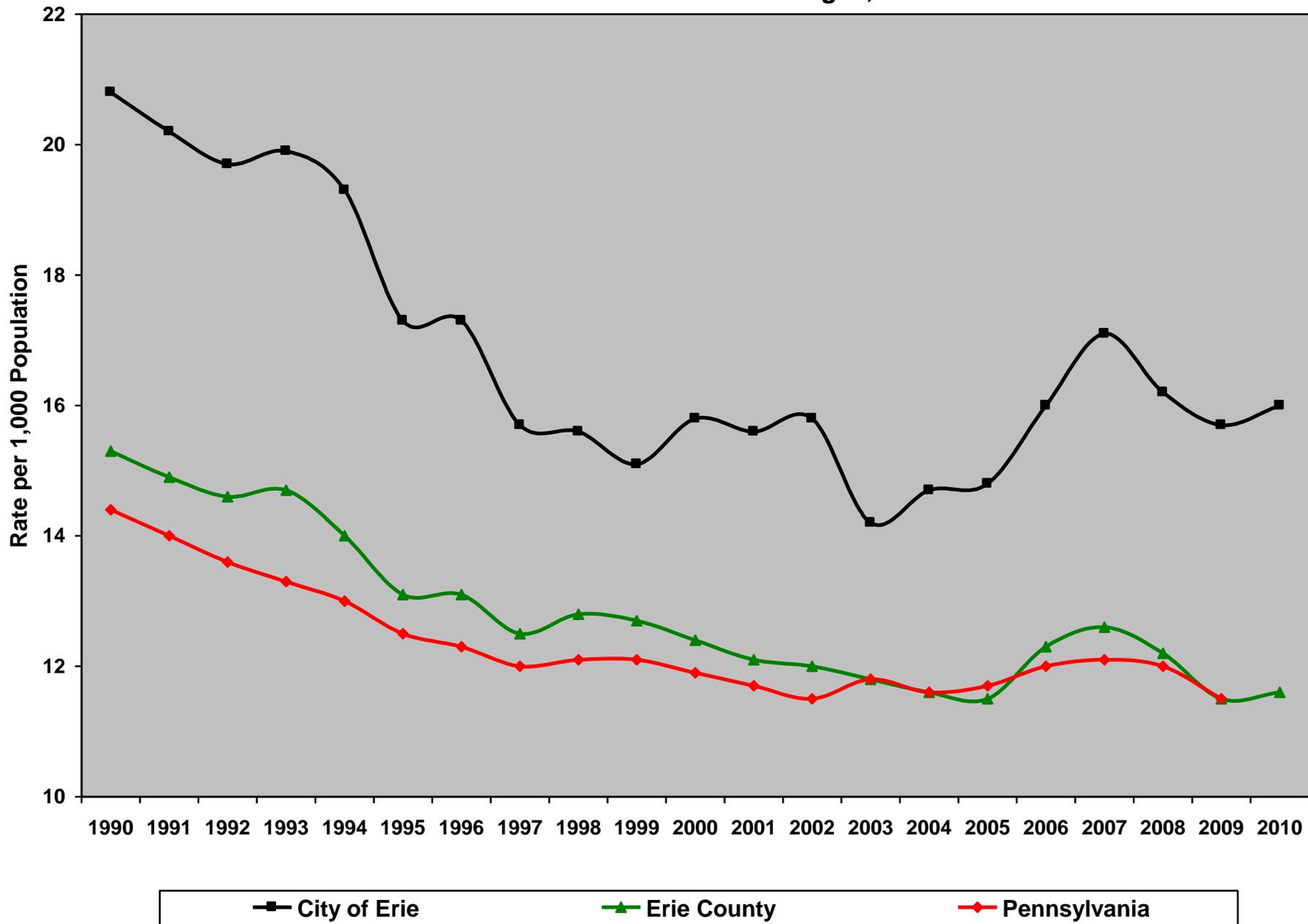
Rates are per 1,000 total population

Rates are per 1,000 females 15-19 years

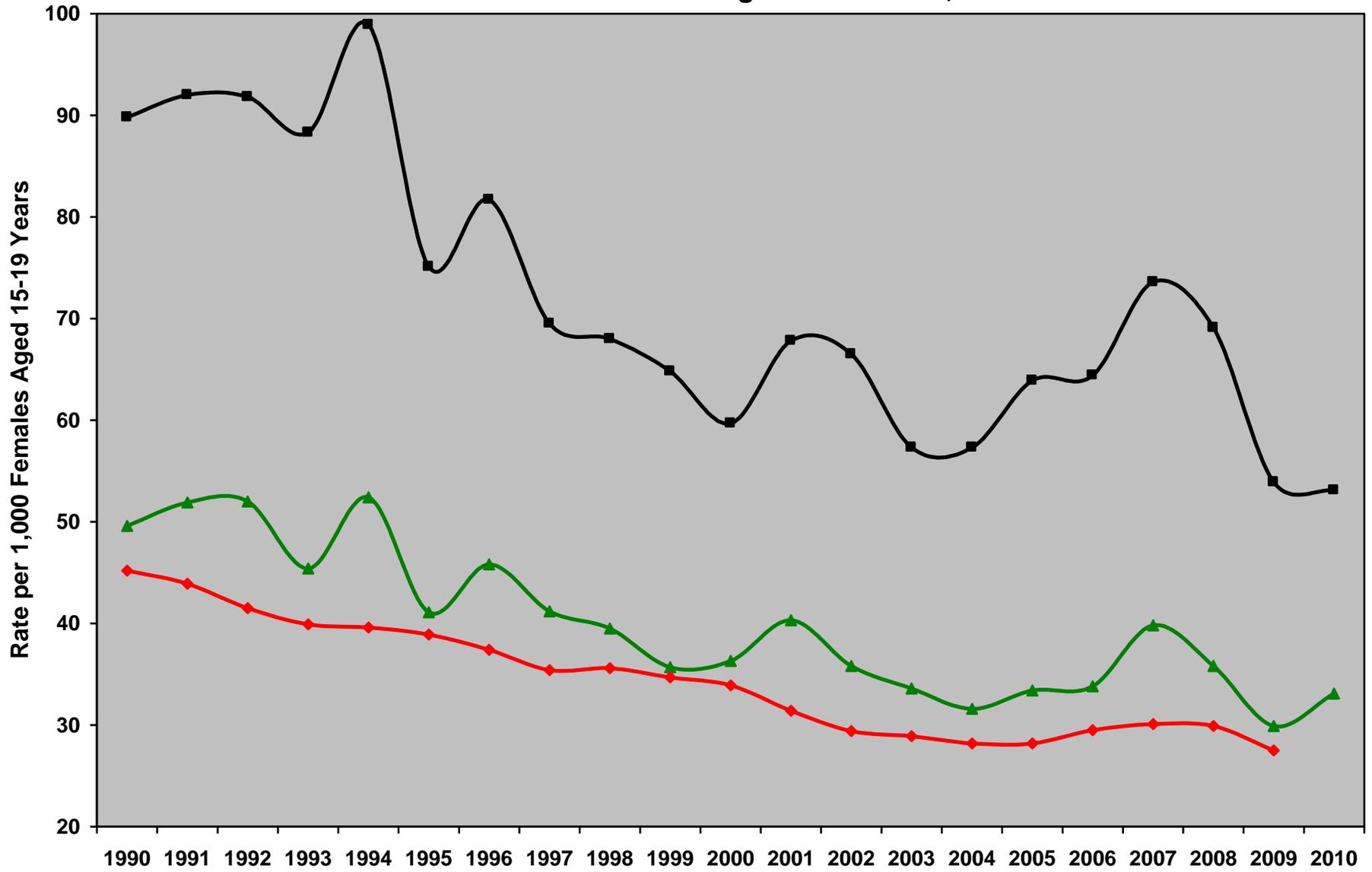
Rates are per 1,000 females 15-17 years

Rates are per 1,000 females 18-19 years

Live Birth Rates for Females of All Ages, 1990-2010

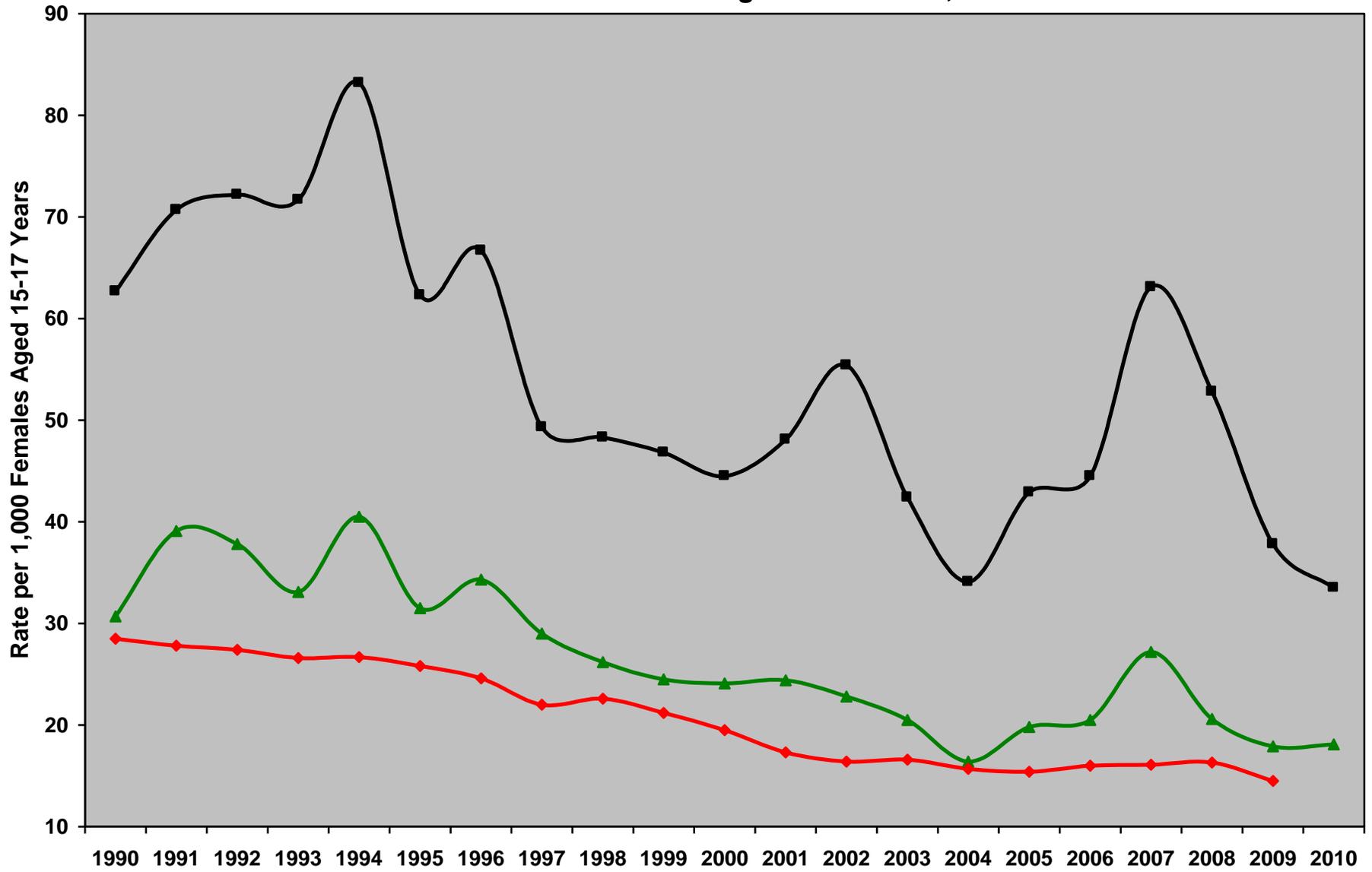


Live Birth Rates for Females Aged 15-19 Years, 1990-2010



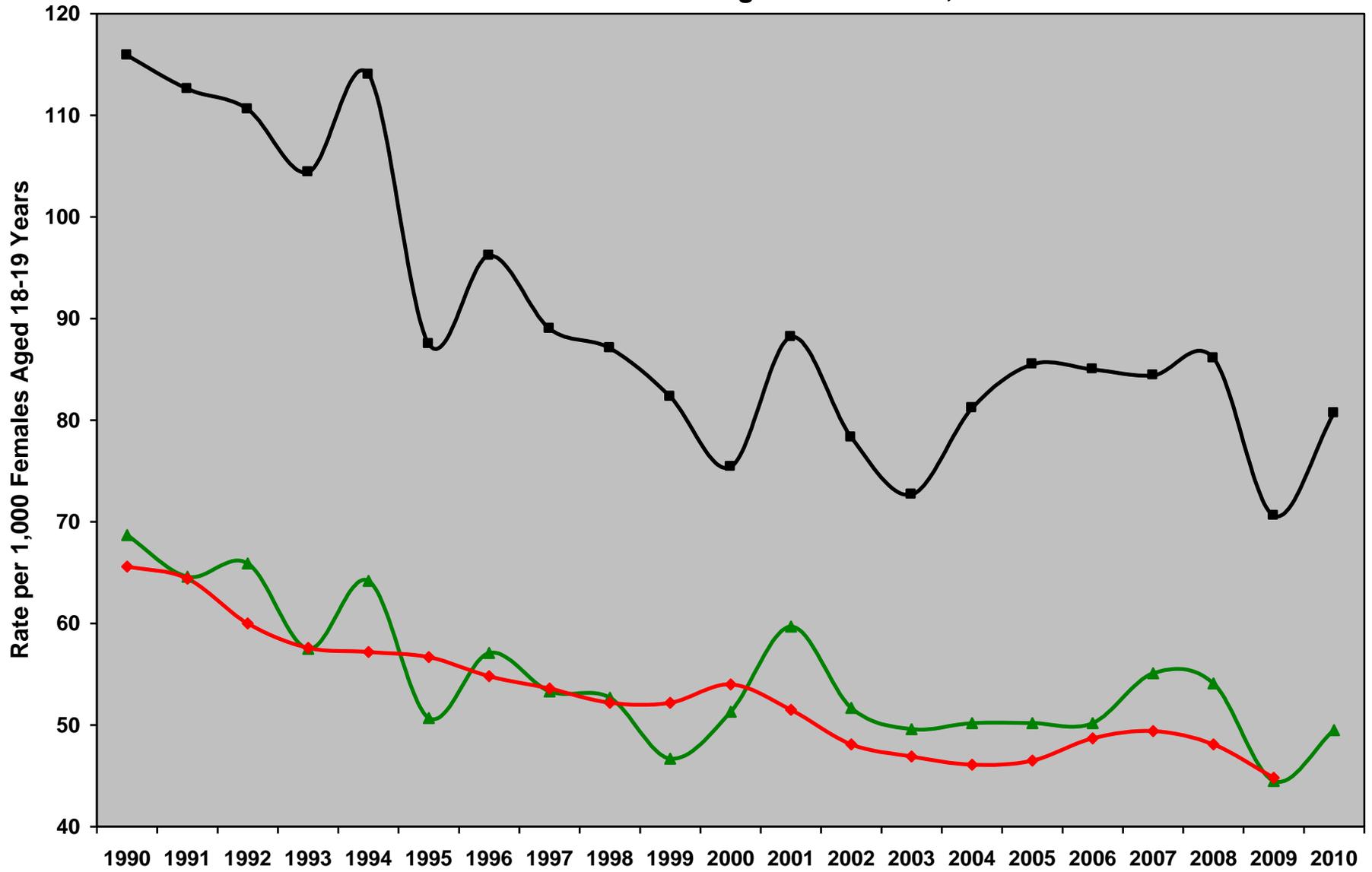
■ City of Erie ▲ Erie County ◆ Pennsylvania

Live Birth Rates for Females Aged 15-17 Years, 1990-2010



■ City of Erie ▲ Erie County ◆ Pennsylvania

Live Birth Rates for Females Aged 18-19 Years, 1990-2010



City of Erie Erie County Pennsylvania