

Figure 23.1: Citywide Infant Mortality Rate

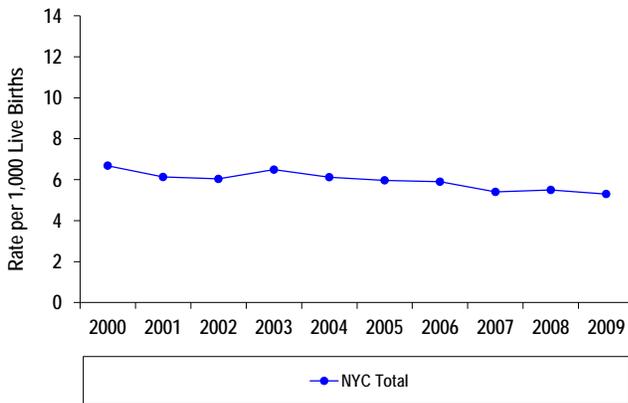


Figure 23.2: Infant Mortality Rate by Maternal Race/Ethnicity

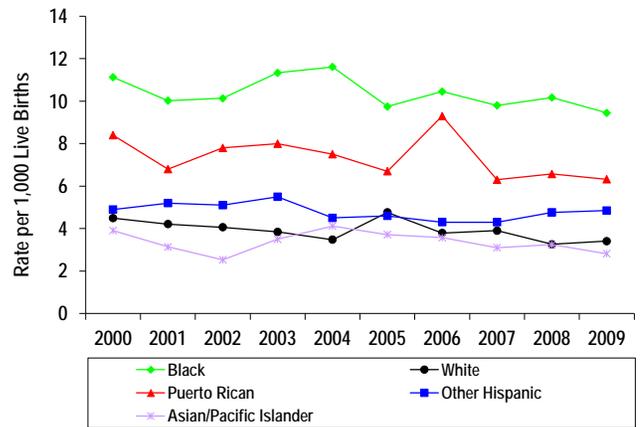


Table 23.1: Infant Deaths and Infant Mortality Rate (IMR) by Maternal Borough of Residence, Race/Ethnicity, Education, and Age

[Click for Excel table](#)

	2000		2001		2002		2003		2004		2005		2006		2007		2008		2009	
	N	IMR	N	IMR	N	IMR	N	IMR	N	IMR	N	IMR								
All live births	125563		124023		122937		124345		124099		122725		125506		128961		127680		126774	
NYC overall	839	6.7	760	6.1	742	6.0	807	6.5	760	6.1	732	6.0	740	5.9	697	5.4	698	5.5	668	5.3
<b>Borough of residence</b>																				
Manhattan	101	5.1	106	5.4	85	4.3	97	4.8	85	4.2	89	4.4	84	4.2	76	3.7	93	4.6	83	4.1
Bronx	159	7.4	127	5.9	138	6.5	183	8.6	149	7.1	130	6.3	150	7.1	133	6.2	138	6.3	147	6.7
Brooklyn	274	6.9	238	6.0	271	6.9	247	6.3	261	6.6	233	6.0	239	6.0	224	5.4	220	5.3	205	4.9
Queens	164	5.8	135	4.9	126	4.6	150	5.5	147	5.4	139	5.1	147	5.3	142	5.0	133	4.8	122	4.5
Staten Island	36	6.1	31	5.5	27	4.6	31	5.2	29	5.0	29	5.2	20	3.4	23	3.9	17	3.0	21	3.7
Unknown/outside NYC	105		123		95		99		89		112		100		99		97		90	
<b>Race/ethnicity</b>																				
Black	366	11.1	322	10.0	311	10.1	336	11.3	342	11.6	282	9.7	304	10.5	287	9.8	284	10.2	259	9.5
White	165	4.5	154	4.2	148	4.1	146	3.8	131	3.5	178	4.8	145	3.8	155	3.9	125	3.3	131	3.4
Puerto Rican	98	8.4	74	6.8	83	7.8	81	8.0	76	7.5	66	6.7	94	9.3	64	6.3	68	6.6	63	6.3
Other Hispanic	140	4.9	151	5.2	150	5.1	164	5.5	133	4.5	135	4.6	129	4.3	130	4.3	143	4.8	147	4.8
Asian/Pacific Islander	59	3.9	46	3.1	39	2.5	58	3.5	69	4.1	61	3.7	62	3.6	59	3.1	59	3.2	50	2.8
Unknown/not stated	11		13		11		22		9		10		6		2		19		18	
<b>Maternal education</b>																				
Less than HS	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	219	6.8	199	6.5
HS Graduate or GED	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	169	5.8	149	5.1
Some College or More	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	250	3.8	266	4.0
Unknown/not stated	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	60		54	
<b>Maternal age</b>																				
Under 18 years	35	9.2	32	8.9	29	9.2	29	9.7	27	9.1	20	6.9	19	6.8	18	6.5	19	7.2	23	9.5
18-29 years	405	6.1	344	5.3	334	5.2	371	5.8	379	6.0	336	5.3	374	5.8	342	5.2	350	5.4	339	5.4
30-34 years	190	5.9	162	5.0	173	5.4	180	5.5	149	4.6	141	4.4	149	4.6	152	4.5	126	3.7	138	4.0
35-39 years	119	6.4	119	6.4	121	6.5	128	6.7	112	5.7	125	6.4	107	5.3	95	4.6	121	5.8	102	4.9
40 years and older	33	6.6	38	7.6	42	8.1	42	7.5	41	7.4	48	8.5	41	7.2	47	7.8	37	6.1	31	5.0
Unknown/not stated	57		65		43		57		52		62		50		43		45		35	

Technical Notes:

\* Due to changes in the 2008 birth certificate, data from past years are not comparable. In 2008, the birth certificate "Parents' education" item changed from requesting the highest year of education to highest level of education.

- The infant mortality rate (IMR) is defined as infant deaths under 1 year of age per 1,000 live births.

Source: Bureau of Vital Statistics data compiled by Bureau of Maternal, Infant, and Reproductive Health, New York City Department of Health and Mental Hygiene, August 2011.

## Highlights

- From 2000 to 2009:
  - The infant mortality rate in New York City declined 20.9%, from 6.7 to 5.3 (Figure 23.1, Table 23.1).
  - Nationally, the United States Department of Health and Human Services set a goal to reach an infant mortality rate of 4.5 by 2010 (Healthy People 2010, Vol. 1, November 2000).
- In 2009:
  - The Bronx had the highest infant mortality rate (6.7), followed by Brooklyn (4.9), Queens (4.5), Manhattan (4.1), and Staten Island (3.7) (Table 23.1).
  - The infant mortality rate among blacks was the highest at 9.5, followed by Puerto Ricans (6.3), other Hispanics (4.8), whites (3.4), and Asian/Pacific Islanders (2.8) (Figure 23.2, Table 23.1).
  - Women with education beyond a high school degree had a lower infant mortality rate (4.0) than high school graduates (5.1) or those who had not completed high school (6.5) (Table 23.1).
  - The infant mortality rate was highest among mothers under 18 years of age (9.5) and ages 18 to 29 (5.4) (Table 23.1).

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