



Table 29.1: Live Births Delivered Preterm by DPHO

[Click for Excel table](#)

	2000		2001		2002		2003		2004		2005		2006		2007		2008		2009	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Preterm																				
Among Bronx DPHO residents	1174	10.9	1105	10.1	1047	9.7	1031	9.6	1069	10.2	1120	10.6	1106	10.3	1097	10.1	1160	10.6	1173	10.6
Among Harlem DPHO residents	472	12.7	463	12.5	397	11.2	405	11.6	402	11.4	430	12.7	413	11.7	355	10.1	426	12.1	411	12.0
Among Brooklyn DPHO residents	1037	11.7	1077	12.1	1036	12.0	1025	11.9	1115	12.8	1102	13.0	1097	12.6	1040	11.8	1105	12.4	1109	12.5
Among non-DPHO residents	9182	9.1	9128	9.1	9019	9.0	9384	9.2	9919	9.8	9587	9.6	9817	9.6	9801	9.3	9764	9.4	9473	9.2
Preterm																				
Among all live births	11865	9.5	11773	9.5	11499	9.4	11845	9.5	12505	10.1	12239	10.0	12433	9.9	12293	9.5	12455	9.8	12166	9.6

Table 29.2: Live Births With Low Birthweight by DPHO

[Click for Excel table](#)

	2000		2001		2002		2003		2004		2005		2006		2007		2008		2009	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Low birthweight (<2500 grams)																				
Among Bronx DPHO residents	1054	9.8	1053	9.6	1023	9.5	1003	9.4	1040	9.9	1138	10.8	1089	10.2	1050	9.6	1124	10.3	1101	10.0
Among Harlem DPHO residents	397	10.7	401	10.8	366	10.3	341	9.8	375	10.6	375	11.1	400	11.4	339	9.6	391	11.1	381	11.2
Among Brooklyn DPHO residents	901	10.1	944	10.6	949	11.0	902	10.5	968	11.1	962	11.3	953	10.9	927	10.5	991	11.2	990	11.2
Among non-DPHO residents	8074	7.9	8114	8.1	8082	8.1	8331	8.2	8581	8.5	8510	8.5	8703	8.5	8826	8.3	8866	8.5	8648	8.4
Low birthweight (<2500 grams)																				
Among all live births	10426	8.3	10512	8.5	10420	8.5	10577	8.5	10964	8.8	10985	9.0	11145	8.9	11142	8.6	11372	8.9	11120	8.8

Technical Notes:

- DPHO residence was computed from community district of residence at birth.
- Preterm is defined as birth <37 weeks completed gestation based on clinical estimate of gestational age. Low birthweight is defined as any birth less than 2500 grams (5.5 pounds).
- Births with unknown/not stated gestational age or birthweight are not included in the denominator when calculating percentages. Gestational ages <17 weeks or >47 weeks were coded as "not stated."
- 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.

Table 30.1: Infant Deaths and Infant Mortality Rate by DPHO

[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	N	IMR	N	IMR	N	IMR	N	IMR
All live births	125563		124023		122937		124345		124099		122725		125506		128961		127680		126774	
Infant mortality rate NYC	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
DPHO Neighborhood of residence																				
Bronx DPHO	89	8.3	66	6.0	59	5.5	99	9.3	75	7.1	71	6.7	74	6.9	68	6.2	82	7.5	67	6.1
Harlem DPHO	35	9.4	43	11.6	28	7.9	25	7.2	19	5.4	19	5.6	28	8.0	30	8.5	22	6.2	30	8.8
Brooklyn DPHO	85	9.5	71	8.0	88	10.2	77	8.9	72	8.3	75	8.8	81	9.3	71	8.1	76	8.6	89	10.1
Non-DPHO	630	6.2	580	5.8	567	5.7	606	6.0	594	5.9	567	5.7	557	5.4	528	5.0	518	5.0	482	4.7

Highlights

- From 2000 to 2009:
 - The percentage of preterm births, low-birthweight infants, and infant mortality rates in New York City DPHO neighborhoods fluctuated from year to year, with no consistent trends in any DPHO neighborhood (Tables 29.1, 29.2, 30.1).
 - DPHO neighborhoods consistently had a higher percentage of preterm births, low-birthweight infants, and higher infant mortality rates compared to non-DPHO neighborhoods (Tables 29.1, 29.2, 30.1).
- In 2009:
 - Harlem and Brooklyn DPHO neighborhood births were 1.3 and 1.4 times, respectively, more likely to be delivered preterm, and Bronx DPHO neighborhood births were 1.2 times more likely to be delivered preterm compared to non-DPHO neighborhood births (Table 29.1).
 - Harlem and Brooklyn DPHO neighborhood births were 1.3 times more likely to be low birthweight and Bronx DPHO neighborhood births were 1.2 times more likely to be low birthweight compared to non-DPHO neighborhood births (Table 29.2).
 - The infant mortality rate was 2.1 times higher in Brooklyn DPHO neighborhoods, 1.9 times higher in Harlem DPHO neighborhoods, and 1.3 times higher in Bronx DPHO neighborhoods compared to non-DPHO neighborhoods (Table 30.1).

Technical Notes:

- DPHO residence was computed from community district of residence at birth. To learn more about DPHO areas visit: <http://www.nyc.gov/html/doh/downloads/pdf/dpho/dpho-brochure.pdf>
- Preterm is defined as birth <37 weeks completed gestation based on clinical estimate of gestational age. Low birthweight is defined as any birth less than 2500 grams (5.5 pounds).
- Births with unknown/not stated gestational age or birthweight are not included in the denominator when calculating percentages. Gestational ages <17 weeks or >47 weeks were coded as "not stated."
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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.