

Selected Perinatal Outcomes Based on Vital Records

City of Minneapolis, 2012-2016 & US/Healthy People Comparisons

	MPLS 2012	'13	'14	'15	2016	US 2015	HP 2020
Infant Mortality Rate (per 1,000 births) ^[1]	5.9 (27)	6.1 (45)	6.4 (44)	7.1 (40)	6.8 (39)	5.8 (in 2014)	6.0
Black, non-Hispanic	10.5	10.2	10.5	11.9	11.6	10.9	--
White, non-Hispanic	3.5	3.8	3.5	3.6	3.5	4.9	--
Hispanic	7.1*	6.8*	7.9*	7.7*	5.5*	5.0	--
Low Birth Weight (singleton) ^[2]	6.5% (371)	6.3% (360)	6.1% (360)	6.1% (358)	6.2% (358)	6.3%	7.8%[†]
Black, non-Hispanic	9.2%	8.6%	8.6%	9.1%	7.9%	11.2%	--
White, non-Hispanic	4.7%	4.1%	4.1%	4.2%	4.3%	5.1%	--
Hispanic	5.5%	7.8%	5.0%	5.2%	8.3%	5.9%	--
Very Low Birth Weight (singleton) ^[2]	1.0% (59)	0.9% (54)	1.2% (71)	1.2% (71)	1.2% (71)	1.1%	1.4%[†]
Preterm ^[3]	8.9% (530)	8.8% (525)	8.6% (523)	9.4% (567)	9.3% (553)	9.6%	9.4%
Black, non-Hispanic	9.0%	11.3%	9.0%	10.9%	8.9%	13.4%	--
White, non-Hispanic	8.6%	7.8%	7.9%	8.9%	7.9%	8.9%	--
Hispanic	9.0%	8.7%	8.2%	7.2%	12.5%	9.1%	--
1st Trimester Prenatal Care ^[4]	79.0%	76.4%	76.1%	76.5%	74.0%	77.0%	77.9%
Black, non-Hispanic	69.9%	65.5%	65.7%	66.0%	63.5%	66.6%	--
White, non-Hispanic	88.8%	85.6%	85.4%	85.2%	84.0%	81.9%	--
Hispanic	76.3%	76.6%	75.3%	77.6%	70.7%	72.0%	--
Cigarette Smoking During Pregnancy ^[5]	9.0%	7.5%	6.9%	7.3%	6.3%	8.5%	1.4%[†]
Black, non-Hispanic	13.3%	10.3%	10.2%	10.5%	9.5%	7.3%	--
White, non-Hispanic	5.8%	4.9%	4.1%	4.1%	3.8%	12.8%	--
Hispanic	2.9%	3.2%	3.4%	3.3%	2.1%*	1.9%	--
Births to Teen Mothers (ages 15-19 yrs) ^[6]	372	324	277	241	228	n/a	n/a
Black, non-Hispanic	151	161	117	113	104	--	--
White, non-Hispanic	29	21	20	15	20	--	--
Hispanic	92	61	75	52	64	--	--

For technical notes, see page 2.

Technical Notes

Table notes:

- * Rate or percentage is based on 20 or fewer outcomes and may be unstable between years or periods.
- † Healthy People 2020 target is not directly comparable to the indicator definition. For low birth weight and very low birth weight, the Healthy People 2020 target does not exclude multiple births.
- ‡ Actual Healthy People 2020 target is based on the *abstinence* of cigarette smoking during pregnancy; the target is 98.6% abstaining (or 1.4% smoking).
- ^[1] Infant Mortality Rate: Number of infant deaths (age less than 1 year) per 1,000 live births. For greater stability, rates are based on 3 years of data (e.g., 2015 includes 2013-2015). However, numbers of infant deaths (italicized) are annual. The US infant mortality rate is based on 1 year of data.
- ^[2] Low Birth Weight: Percentage of singleton babies weighing less than 2,500 grams (5.5 pounds) at birth. Very Low Birth Weight: Less than 1,500 grams (3 pounds, 5 ounces). A singleton baby is the birth of one child during delivery. Twins and other multiple birth babies are excluded, because they are more likely to be born small.
- ^[3] Preterm: Percentage of babies born alive before 37 completed weeks of pregnancy. Gestational age is based on the clinician's obstetric estimate of gestational age.
- ^[4] 1st Trimester Prenatal Care: Percentage of babies for whom the mother reported receiving prenatal care at 3 months of pregnancy or sooner. Months of pregnancy serves as a proxy for trimester.
- ^[5] Cigarette Smoking During Pregnancy: Percentage of babies born for whom the mother reported smoking *any* number of cigarettes during pregnancy. For alternative data and methodology, see the Minnesota PRAMS survey.
- ^[6] Births to Teen Mothers: Number of births among mothers ages 15-19 years. According to the 2010 Census, the 15-19 year-old female population in Minneapolis was 12722; non-Hispanic black, 3140; Hispanic, 1414; non-Hispanic white, 5858. Therefore, in 2015, the rate of births among teen mothers was 18 per 1000 population; non-Hispanic black, 33 per 1000; Hispanic, 45 per 1000; non-Hispanic white, 3 per 1000. Nationally in 2015, the rate of births among teen mothers was 22 per 1000 population; non-Hispanic black, 32 per 1000; Hispanic, 35 per 1000; non-Hispanic white, 16 per 1000.
- ^{n/a} Not applicable or does not apply.

Numbers of outcomes are italicized.

All indicators for the City of Minneapolis are based on vital records data (births, deaths).

Race/ethnicity: Subgroups are mutually exclusive. Hispanic subgroup may be of any race. The non-Hispanic black subgroup and the non-Hispanic white subgroup do not include persons of multiple races.

Data sources:

MPLS 2012-2016: Minnesota vital records (data); City of Minneapolis (analysis)

US 2015: All data is from 2015, with the exception of the infant mortality rate, which is from 2014. List of sources:

- CDC Wonder (Natality and Linked Birth/Infant Death datasets). Available online at: <http://wonder.cdc.gov/>.
- Hamilton BE, Mathews TJ. Continued declines in teen births in the United States, 2015. NCHS data brief, no 259. Hyattsville, MD: National Center for Health Statistics. 2016. Available online at: <https://www.cdc.gov/nchs/data/databriefs/db259.pdf>.
- Martin JA, Hamilton BE, Osterman MJK, et al. Births: Final data for 2015. National vital statistics report; vol 66, no 1. Hyattsville, MD: National Center for Health Statistics. 2017. Available online at: https://www.cdc.gov/nchs/data/nvsr/nvsr66/nvsr66_01.pdf.

HP 2020: Healthy People national targets, available online at: <https://www.healthypeople.gov/>.