Hamilton County Maternal and Infant Health Dashboard

Q2 2019 Quarterly Dashboard

Ohio | Department of Medicaid

Infant Mortality

Infant mortality – or the death of a baby before his/her first birthday – is a critical indicator of community health. While national infant mortality rates are decreasing, Ohio ranks among the worst in the nation for overall infant mortality. This quarterly dashboard provides a snapshot of the most up-to-date data on infant death and selected birth indicators. For a detailed look at trends for recent years, please refer to our Maternal and Infant Health Measures Quarterly Dashboards.

About The Data

▶ Date range for data is Q1 2012 - Q2 2019.
▶ Data are limited to Medicaid as the Payer.
▶ The ODM Infant Mortality Rate includes data through Q2 2018, all other measures include data through Q2 2019.

Definitions

▶ Adolescent Well-Care- A female 12-21 years of age who had at least one comprehensive well-care visit with a primary care physician or an obstetrics gynecologist practitioner. Higher rates are better.
▶ Contraceptive Care- Women ages 15-44 at risk of unintended pregnancy who were provided a most or moderately effective FDA-approved method of contraception. Higher rates are better.
▶ ODM Infant Mortality- The Ohio Department of Medicaid (ODM) Infant Mortality Rate is the rate of Medicaid paid births in the State of Ohio where the infant died before his or her first birthday. The rates are calculated per 1,000 births. Lower rates are better.
▶ Postpartum Visit- Deliveries that had a postpartum visit on or between 21 and 56 days after delivery. Higher rates are better.
▶ Prenatal Care Visit- Deliveries that received timely prenatal care visits. Higher rates are better.
▶ Preterm Birth- A baby born less than 37 completed weeks of gestation. Lower rates are better.
▶ Progesterone Usage- Delivered a live birth where the mother was administered progesterone during a pregnancy classified as high-risk. Higher rates are better.
▶ Very Preterm Birth- A baby born less than 32 completed weeks of gestation. Lower rates are better.

Infant Health (Lower Rates are Better)

41,696
Total Infant Births
in Hamilton County from
Q1 2012 - Q2 2019

417
Total Infant Deaths
in Hamilton County from
Q1 2012 - Q2 2019

ODM Infant Mortality Rate

In Hamilton County from Q3 2017-Q2 2018, the ODM Infant Mortality Rate was 12.9 per 1,000 births.

Statewide: 8.4

Hamilton	12.9
Cuyahoga	10.5
Franklin	8.6

OEI: 9.4
Q3 2017 - Q2 2018

In Hamilton County, the ODM Infant Mortality Rate was 12.9, which is an **increase of 8.9%** from Q3 2016-Q2 2017.

Legend: — County Average — African American — Caucasian
2012 2013 2014 2015 2016 2017 2018

Preterm Births

In Hamilton County, the Preterm Birth Rate was 15.6%, which is a **decrease of 5.6%** from Q3 2017-Q2 2018.

Statewide: 14.2%

Hamilton	15.6%
Cuyahoga	15.6%
Franklin	14.6%

OEI: 15.1%
Q3 2018 - Q2 2019

Very Preterm Births

In Hamilton County, the Very Preterm Birth Rate was 3.1%, which is a **decrease of 15.7%** from Q3 2017-Q2 2018.

Statewide: 2.9%

Hamilton	3.1%
Cuyahoga	3.8%
Franklin	3.1%

OEI: 3.2%
Q3 2018 - Q2 2019

Maternal Health (Higher Rates are Better)

Prenatal Care

In Hamilton County, 70.5% of deliveries received a prenatal care visit.

Statewide: 73.6%

Hamilton	70.5%
Cuyahoga	77.3%
Franklin	69.7%

OEI: 73.4%
Q3 2018 - Q2 2019

75% 70% 65%
2012 2013 2014 2015 2016 2017 2018 2019

Postpartum Visits

In Hamilton County, 66.7% of deliveries received a postpartum visit.

Statewide: 60.2%

Hamilton	66.7%
Cuyahoga	65.5%
Franklin	56.4%

OEI: 61.3%
Q3 2018 - Q2 2019

70% 60% 50%
2012 2013 2014 2015 2016 2017 2018 2019

Progesterone Usage

In Hamilton County, 32.4% of high risk women received progesterone.

Statewide: 35.6%

Hamilton	32.4%
Cuyahoga	36.5%
Franklin	35.6%

OEI: 36.1%
Q3 2018 - Q2 2019

40% 30% 20%
2012 2013 2014 2015 2016 2017 2018 2019

Contraceptive Care

In Hamilton County the Long-Acting Reversible Contraceptives usage rate is 28.2%.

Statewide: 29.5%

Hamilton	28.2%
Cuyahoga	30.1%
Franklin	27.5%

OEI: 28.8%
Q3 2018 - Q2 2019

30% 25% 20%
2015 2016 2017 2018 2019

Adolescent Wellcare Visits

In Hamilton County, the Rate of Adolescent Wellcare Visits is 52.4%.

Statewide: 45.0%

Hamilton	52.4%
Cuyahoga	52.2%
Franklin	46.7%

OEI: 47.8%
Q3 2018 - Q2 2019

50% 40%
2015 2016 2017 2018 2019