

Fetal Infant Mortality Review

Washoe County Health District

Linda Gabor, MS, RN

May 8, 2020

FIMR in Nevada

- **Rate of infant deaths per 1,000 live births in Washoe County ranked near the top of the list in 2011**
 - National average: 5.1
 - Nevada: 5.7
 - Washoe County: 7.4
 - Clark County: 5.3
- **Healthy People 2020 infant mortality rate goal was 6.0 per 1,000 live births**



Grant Funding

- **FIMR activities are funded through a Nevada Department of Health and Human Services, Title V MCH Block Grant (FY19 – B04MC32556)**



Why FIMR?

- **Fetal mortality (fetus >20 weeks gestation) is an often overlooked public health problem although nationally nearly as many fetal deaths as infant deaths occur each year.**
- **“Infant mortality is viewed as a sentinel event that serve as a measure of a community’s general health status as well as its social and economic well being” (NFIMR, 2008).**

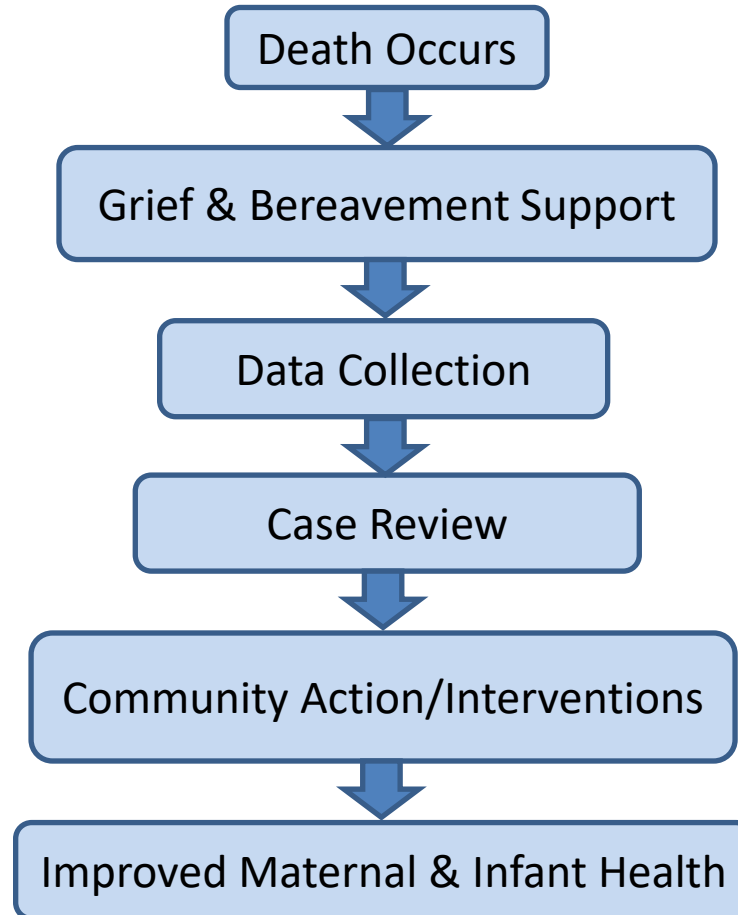


FIMR Goals

- **Understand how issues may relate to fetal/infant loss**
- **Utilize information to enhance service delivery systems and community resources for women and infants to reduce deaths**



The FIMR Process



Case Review Team

- **Case Review Team (CRT):**
 - Multidisciplinary team – medical and non-medical representatives
 - Reviews case findings such as:
 - What health systems and resources helped the family?
 - Were the family's needs for resources and services met?
 - Where there gaps in community resources and health delivery systems?
 - Is it possible to improve the current system? If so, how?



Community Action Team

- **Community Action Team (CAT):**
 - Hosted by the Northern Nevada Maternal Child Health Coalition
 - FIMR Coordinator gives brief, periodic updates based on CRT recommendations
 - CRT recommendations are considered for action
 - Plan/Policy development
 - EX: “Go Before You Show”



Child Death Review Board (CDRB)

- **Coordinating FIMR and CDRB**
 - FIMR and CDRB coordinators discuss which cases will be reviewed by CDRB and which will be part of FIMR process
 - Cases involving possible abuse/neglect, in litigation, or with law enforcement involvement will not be reviewed by FIMR

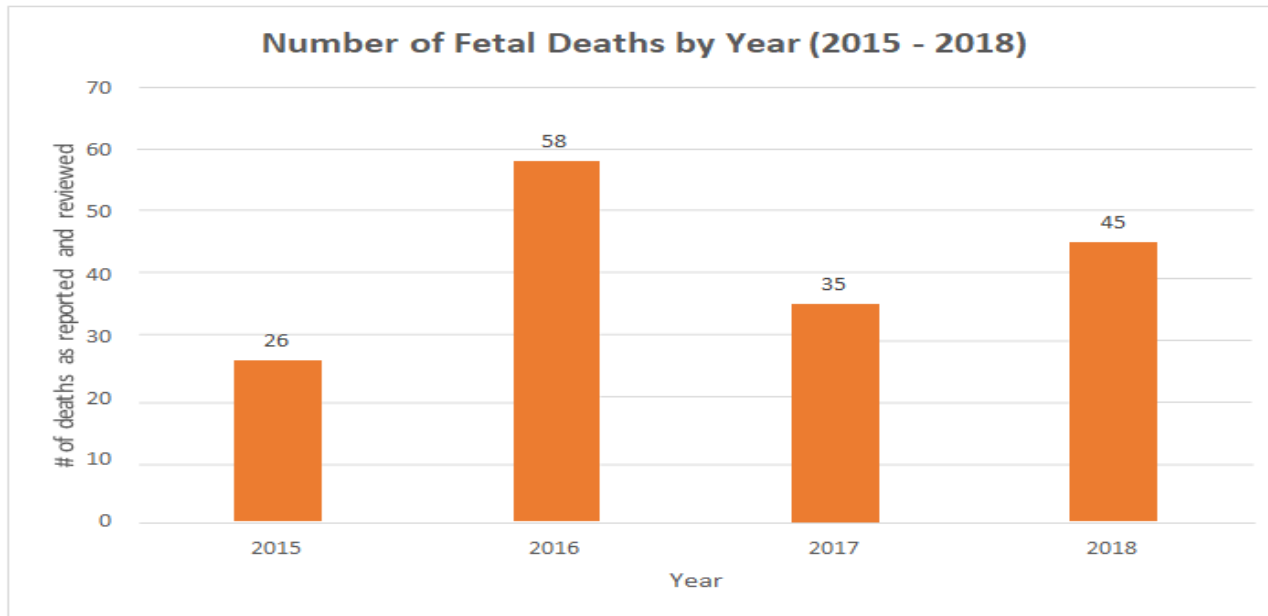


FIMR Executive Summary Data

- Date range 7/1/2015 – 12/31/2018
- Total cases included = 290
- All data is de-identified and data points are not linked



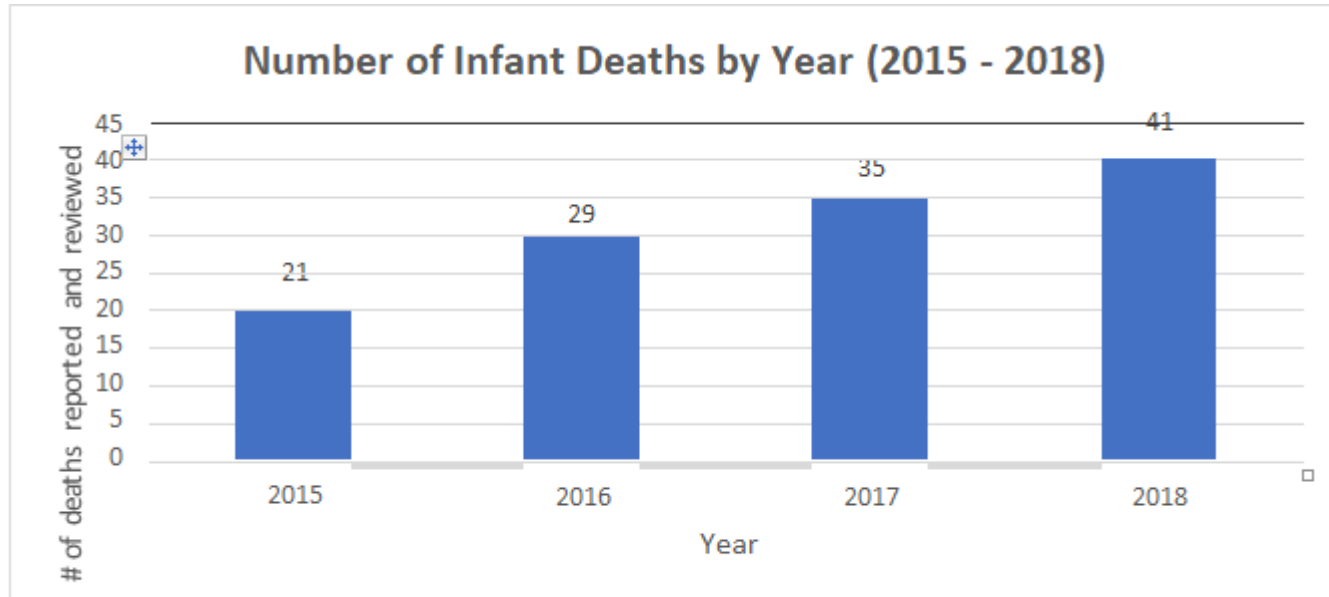
Fetal Deaths



REDCap code book, fields 2, 3, 16.

*2015 data is not a complete calendar year (7/1/2015-12/31/2015)

Infant Deaths

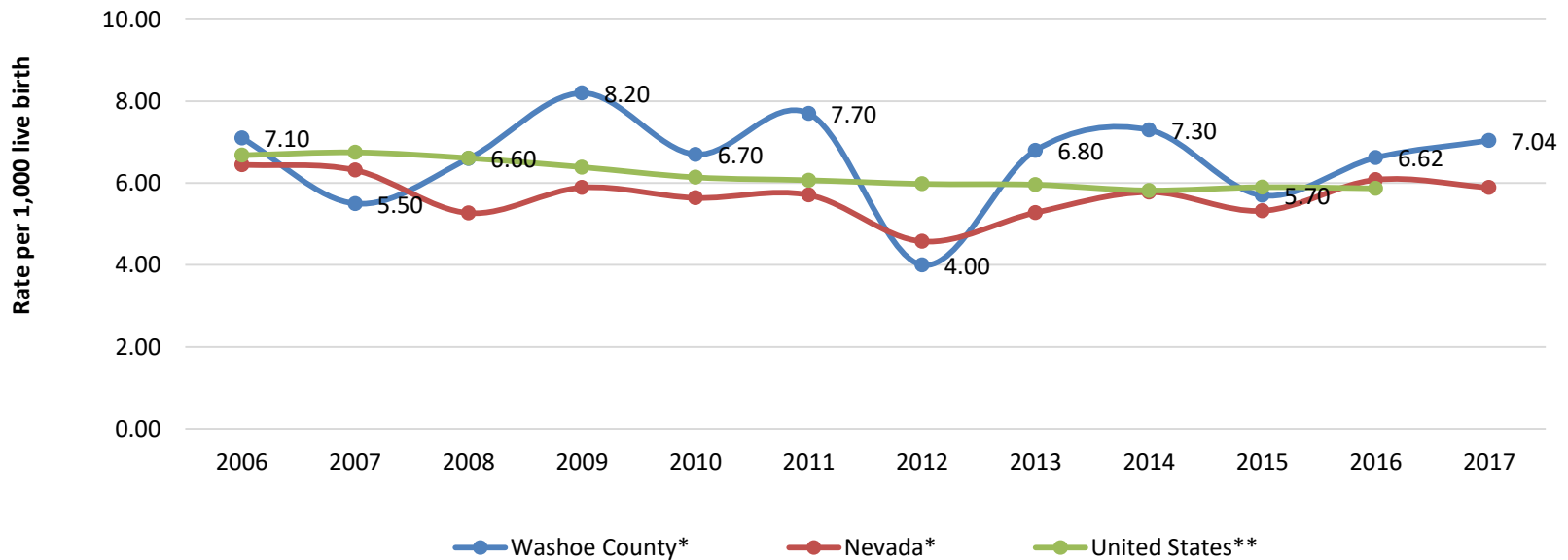


REDCap code book, fields 2, 3, 9.

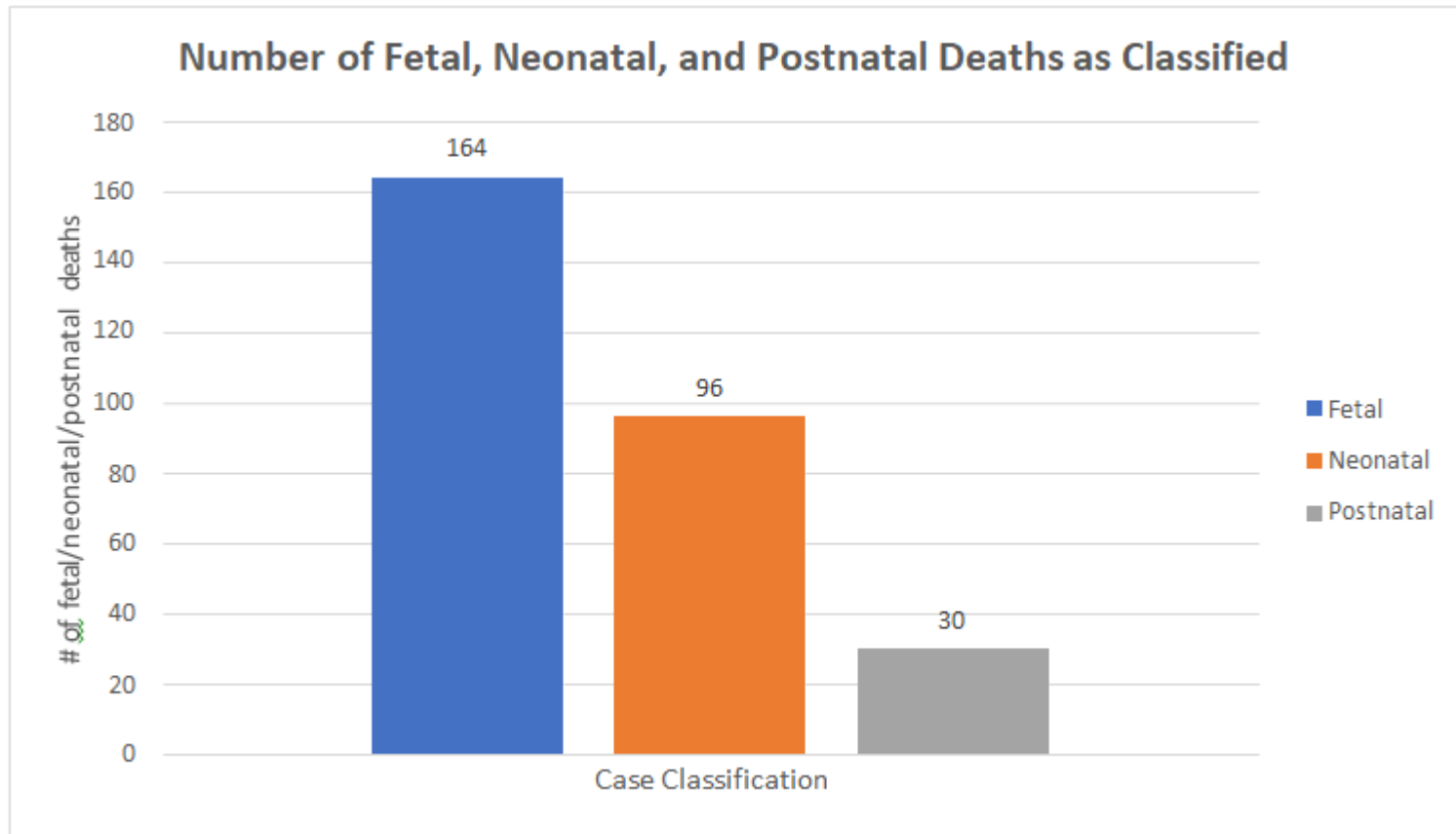
*2015 data is not a complete calendar year (7/1/2015 – 12/31/2015)

Infant Mortality Rate

Infant Mortality Rate (<1 year), Washoe County, Nevada, and the United States, 2006-2017



Cumulative Case Classification



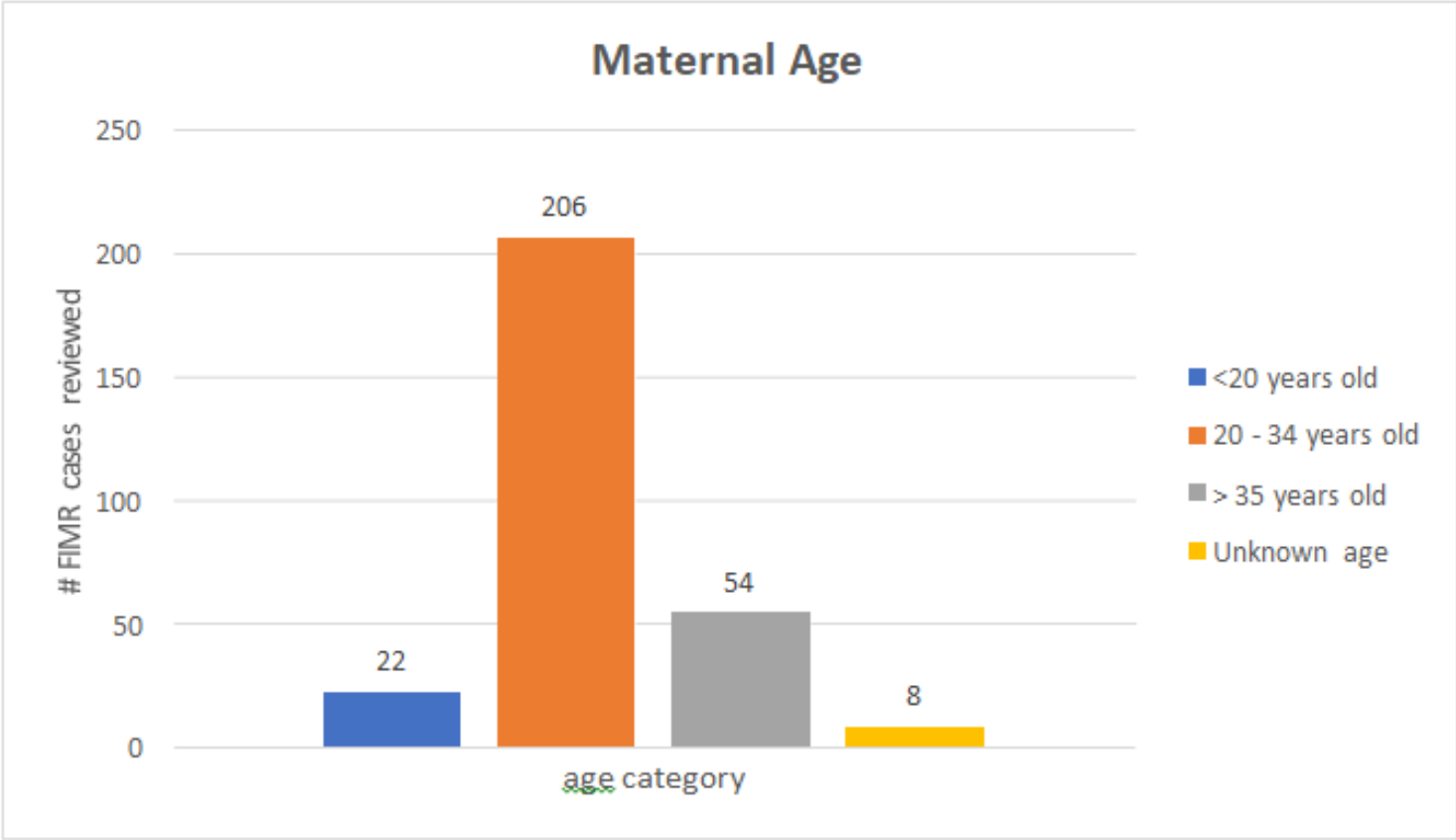
REDCap code book, fields 10 and 17. Columns created to group records by classification.

Maternal Race and Ethnicity

- Maternal Race and Ethnicity Data
 - Awaiting maternal birth rate data for Washoe County

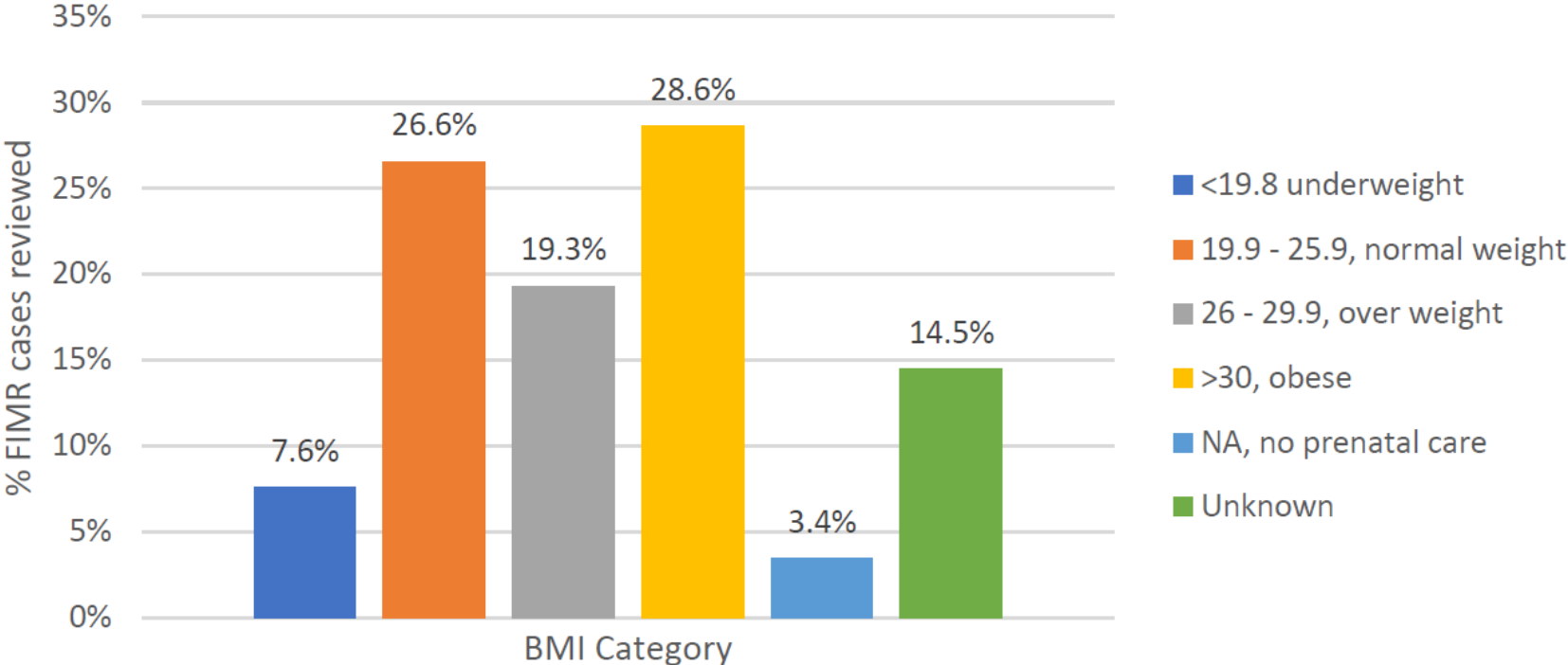


Maternal Age



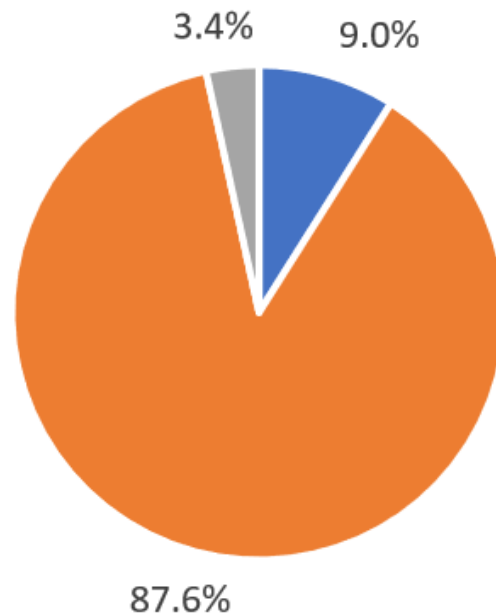
Maternal BMI

Maternal BMI



Prenatal Care

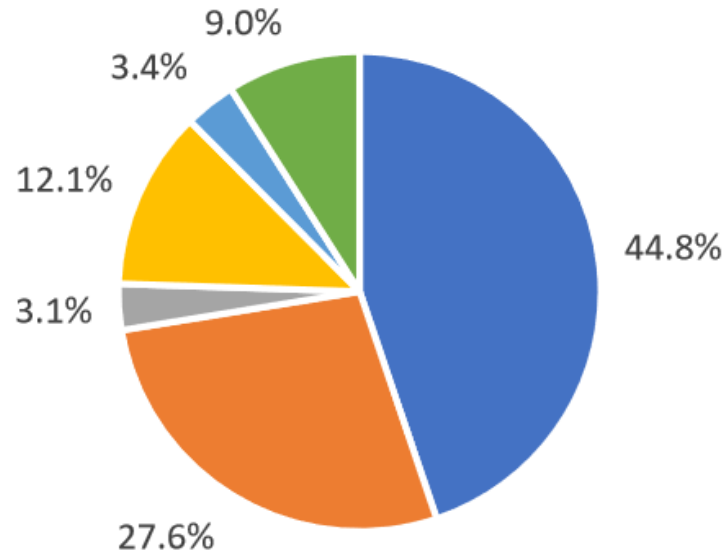
Received Prenatal Care
% of records reviewed



■ No ■ Yes ■ Not answered

Entrance to Prenatal Care

Entrance to Care % of Records Reviewed



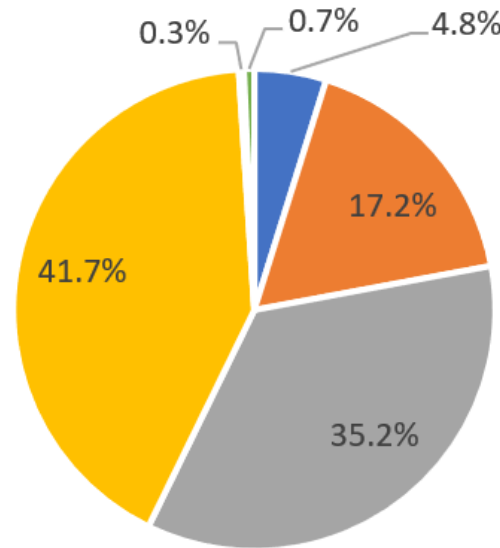
- first trimester
- second trimester
- third trimester
- pc rvcd, unknown
- not answered
- NA

*NA = no prenatal care



Health Coverage Status

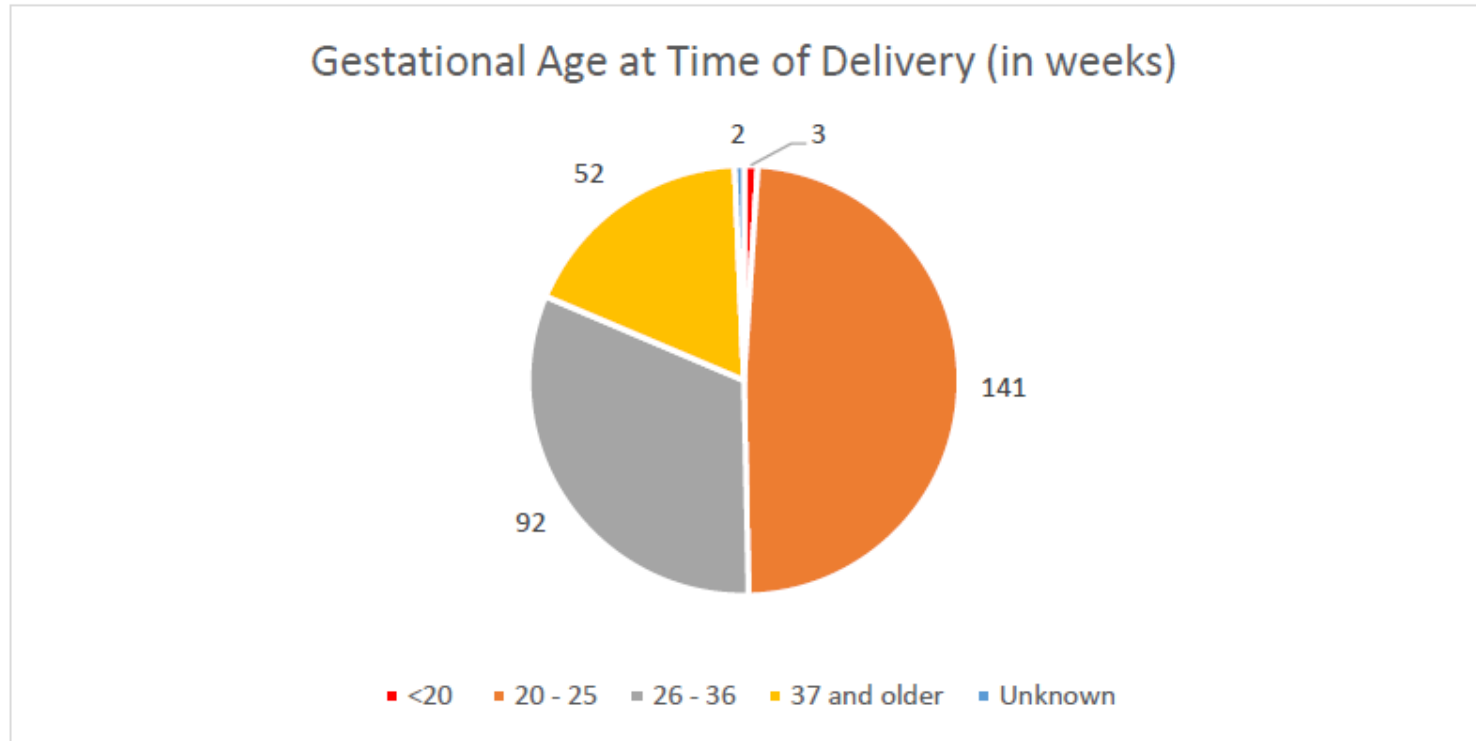
Health Coverage Status
% of records reviewed



- Unknown
- Medicaid (fee for service)
- Medicaid (Managed Care)
- Private/Other
- Tri_Care
- Uninsured



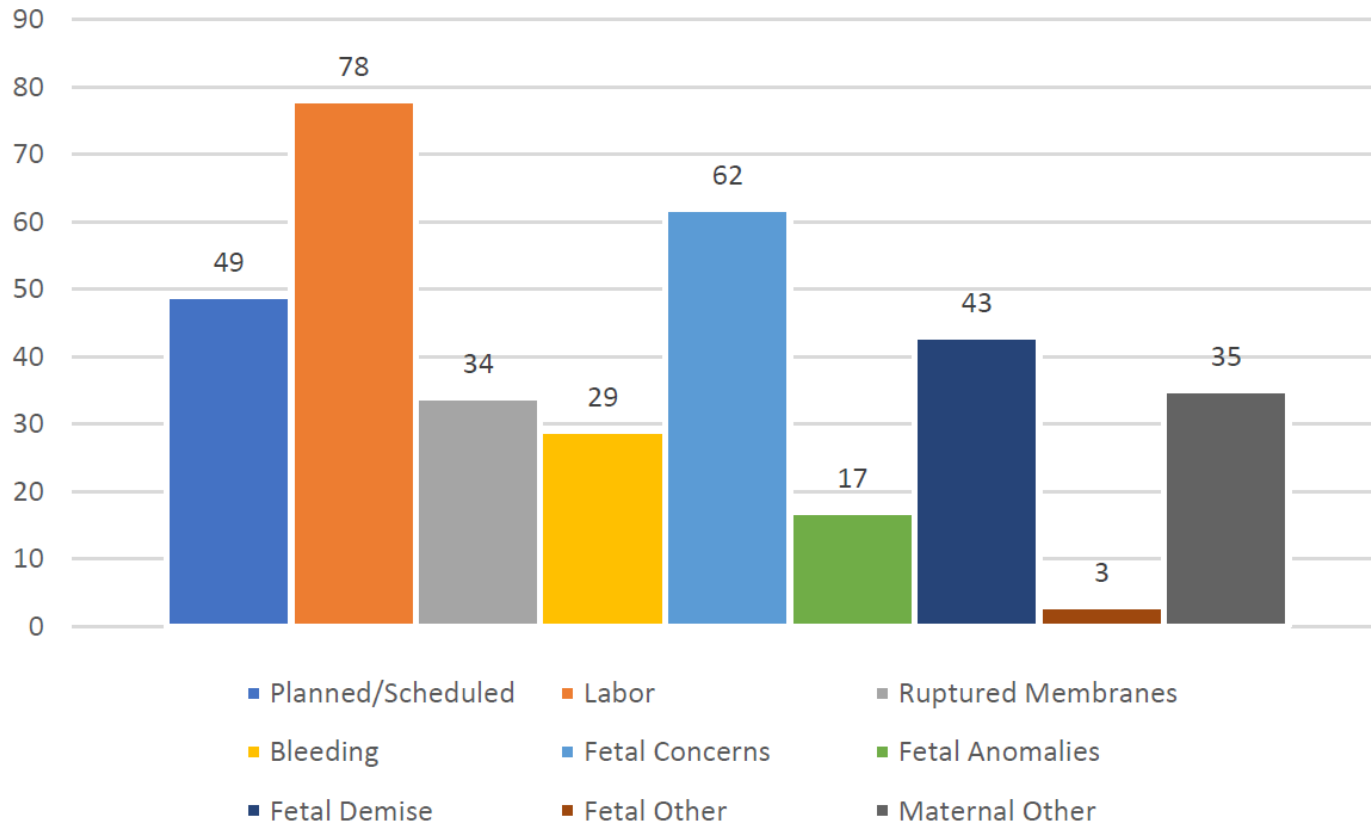
Gestational Age at Delivery



REDCap code book, fields 2, 4 and 9. A column was created to group records by age range.

Reason for Labor/Delivery

Reason for Labor/Delivery



FIMR Accomplishments

- Go Before You Show Campaign
- Updated 2-1-1 for pregnancy related resources
- Explored expanded fetal movement awareness campaigns
- Improved post-partum access to Long Acting Reversible Contraceptives (LARCs)
- Disseminated congenital syphilis information to providers
- Perinatal substance abuse concerns discussed
- PILSOS established Spanish speaking support group



Contact Information

Rebecca Gonzales - FIMR Co-Coordinator

- 775-328-2476
- rgonzales@washoecounty.us

Lisa Iacoboni – FIMR Co-Coordinator

- 775-328-6165
- liacoboni@washoecounty.us

Kelly Verling – Public Health Nurse Supervisor

- 775-328-2465
- kverling@washoecounty.us

Linda Gabor – Intermittent Hourly RN

- 775-328-2476 (leave message)
- lgabor@washoecounty.us

