

# Region 3, Louisiana 2008-2010 Maternal and Child Health Profile



## Teen Births

|   | LA   | Region 3 |        |          |      | Healthy People 2020 Target |
|---|------|----------|--------|----------|------|----------------------------|
|   |      | White*   | Black* | Hispanic | All  |                            |
| Birth Rate, females 15-17 years of age <sup>1</sup> | 25.2 | 17.1     | 35.3   | 42.9     | 24.2 | 36.2                       |
| Birth Rate, females 18-19 years of age <sup>1</sup> | 90.9 | 78.5     | 117.3  | 150.0    | 94.0 | 105.9                      |
| Birth Rate, females 15-19 years of age <sup>1</sup> | 51.5 | 41.7     | 68.1   | 85.7     | 52.1 | n/a                        |
| Births to women under 20 (%)                        | 13.1 | 11.0     | 18.7   | 12.5     | 13.6 | n/a                        |
| Repeat teen (15-19) births (%)                      | 20.0 | 17.1     | 21.0   | 19.2     | 19.0 | n/a                        |

## Delivery Characteristics and Birth Spacing

|   | LA   | Region 3 |        |          |      | Healthy People 2020 Target |
|---|------|----------|--------|----------|------|----------------------------|
|   |      | White*   | Black* | Hispanic | All  |                            |
| Primary Cesarean delivery among low risk <sup>2</sup> women (%) | 22.3 | 26.5     | 24.7   | 17.5     | 25.1 | 23.9                       |
| Repeat Cesarean among low risk <sup>2</sup> women (%)           | 97.5 | 98.9     | 98.6   | 96.4     | 98.7 | 81.7                       |
| Births to women within 24 months of a previous birth (%)        | 27.5 | 24.0     | 29.3   | 23.4     | 25.9 | n/a                        |

## Infant Health Indicators

|   | LA   | Region 3 |        |          |      | Healthy People 2020 Target |
|---|------|----------|--------|----------|------|----------------------------|
|   |      | White*   | Black* | Hispanic | All  |                            |
| Low birth weight (%)  | 10.8 | 8.3      | 14.8   | 6.3      | 10.3 | 7.8                        |
| Very Low birth weight (%)   | 2.1  | 1.4      | 3.3    | 0.9      | 2.0  | 1.4                        |
| Very low birth weight infants born at Level III hospitals or subspecialty perinatal centers (%) | 89.0 | 72.3     | 65.2   | 100.0    | 68.1 | 83.7                       |
| Preterm Birth (%)   | 12.4 | 11.0     | 16.1   | 7.7      | 12.4 | 11.4                       |
| Very Preterm Birth (%)  | 2.3  | 1.5      | 3.4    | 1.0      | 2.1  | 1.8                        |
| Small for Gestational Age (%)   | 10.5 | 7.7      | 15.1   | 9.2      | 10.2 | n/a                        |

## Fetal and Infant Mortality

|                           | LA  | Region 3 |        |          |     | Healthy People 2020 Target |
|---------------------------|-----|----------|--------|----------|-----|----------------------------|
|                           |     | White*   | Black* | Hispanic | All |                            |
| Fetal <sup>3</sup>        | 5.5 | 4.0      | 4.8    | **       | 3.9 | 5.6                        |
| Perinatal <sup>3</sup>    | 6.3 | 4.5      | 5.1    | **       | 4.3 | 5.9                        |
| Neonatal <sup>4</sup>     | 4.7 | 3.0      | 5.5    | **       | 3.7 | 4.1                        |
| Postneonatal <sup>4</sup> | 3.8 | 3.1      | 4.6    | 0.0      | 3.5 | 2.0                        |
| Infant <sup>4</sup>       | 8.5 | 6.1      | 10.1   | **       | 7.2 | 6.0                        |

### Definitions and inclusion criteria for select indicators

**Low Birth Weight:** <2,500g at delivery (5.5 lbs)  
**Very Low Birth Weight:** <1,500g at delivery (3.3 lbs)  
**Preterm Birth:** <37 weeks gestational age  
**Very Preterm Birth:** <32 weeks gestational age  
**Fetal Death:** stillborn with gestation ≥ 20 weeks or birth weight ≥ 350 grams  
**Perinatal Death:** fetal deaths plus deaths to infants under 7 days of age  
**Neonatal Death:** deaths to infants under 28 days of age  
**Post Neonatal Death:** deaths to infants that occur between 28 days and 365 days after birth  
**Infant Death:** deaths to infants under 1 year of age

## Child and Adolescent Mortality

| Age at Death             | LA    | Region 3 |        |          |       | Healthy People 2020 Target |
|--------------------------|-------|----------|--------|----------|-------|----------------------------|
|                          |       | White*   | Black* | Hispanic | All   |                            |
| 1-4 years <sup>5</sup>   | 40.6  | 28.9     | 60.9   | 0.0      | 35.1  | 25.7                       |
| 5-9 years <sup>5</sup>   | 16.5  | 12.2     | 34.2   | 0.0      | 17.6  | 12.3                       |
| 10-14 years <sup>5</sup> | 24.9  | 15.6     | 29.0   | 0.0      | 20.7  | 15.2                       |
| 15-19 years <sup>5</sup> | 82.0  | 87.4     | 93.7   | **       | 35.1  | 55.7                       |
| 20-24 years <sup>5</sup> | 134.7 | 163.4    | 160.8  | **       | 154.6 | 88.5                       |

### Data Sources

2008-2010 live births, fetal deaths and deaths: Louisiana State Center for Health Statistics

2008-2010 population estimates: *Census County Population Estimates by Age, Sex, Race and Hispanic Origin: April 1, 2008 to July 1, 2010 Release Date: June 2011*

<sup>1</sup>Rate per 1,000 female population in specified age range

<sup>2</sup>Low risk is defined as a pregnant woman who has full a term (37 up to 42 weeks), singleton, and vertex presentation baby

<sup>3</sup>Rate per 1,000 live births plus fetal deaths

<sup>4</sup>Rate per 1,000 live births

<sup>5</sup>Rate per 100,000 population in specified age range

\*Non Hispanic

\*\*Rates or percents with numerators greater than zero and less than 5 are not reported