

# Richland Parish, Louisiana 2010-2012 Maternal and Child Health Profile



## Teen Births

|   | LA   | Richland |        |          |      | Healthy People 2020 Target |
|---|------|----------|--------|----------|------|----------------------------|
|   |      | White*   | Black* | Hispanic | All  |                            |
| Birth Rate, females 15-17 years of age <sup>1</sup> | 20.7 | 20.2     | 37.8   | **       | 28.1 | n/a                        |
| Birth Rate, females 18-19 years of age <sup>1</sup> | 81.7 | 70.7     | 110.5  | **       | 89.5 | n/a                        |
| Birth Rate, females 15-19 years of age <sup>1</sup> | 45.1 | 40.4     | 66.9   | **       | 52.7 | n/a                        |
| Births to women under 20 (%)                        | 11.5 | 10.2     | 15.2   | **       | 12.8 | n/a                        |
| Repeat teen (15-19) births (%)                      | 19.1 | **       | 20.3   | **       | 16.5 | n/a                        |

## Delivery Characteristics and Birth Spacing

|   | LA   | Richland |        |          |      | Healthy People 2020 Target |
|---|------|----------|--------|----------|------|----------------------------|
|   |      | White*   | Black* | Hispanic | All  |                            |
| Primary Cesarean among low risk <sup>2</sup> women (%) <sup>3</sup> | 34.6 | 28.0     | 30.8   | **       | 29.8 | 23.9                       |
| Repeat Cesarean among low risk <sup>2</sup> women (%) <sup>3</sup>  | 94.6 | 90.9     | 85.7   | **       | 87.7 | 81.7                       |
| Births to women within 24 months of a previous birth                | 25.9 | 21.4     | 34.7   | **       | 28.2 | n/a                        |

## Infant Health Indicators

|   | LA   | Richland |        |          |      | Healthy People 2020 Target |
|---|------|----------|--------|----------|------|----------------------------|
|   |      | White*   | Black* | Hispanic | All  |                            |
| Low birth weight (%)  | 10.8 | 8.5      | 16.1   | 0.0      | 12.1 | 7.8                        |
| Very Low birth weight (%)   | 2.1  | 2.2      | 3.4    | 0.0      | 2.7  | 1.4                        |
| Very low birth weight infants born at Level III hospitals or subspecialty perinatal centers (%) | 87.7 | 88.9     | 71.4   | 0.0      | 78.3 | n/a                        |
| Preterm Birth (%)   | 12.4 | 12.7     | 17.4   | 0.0      | 14.7 | 11.4                       |
| Very Preterm Birth (%)  | 2.3  | 2.7      | 3.6    | 0.0      | 3.1  | 1.8                        |
| Small for Gestational Age (%)   | 10.2 | 5.4      | 14.5   | 0.0      | 9.7  | n/a                        |

## Fetal and Infant Mortality

|                           | LA  | Richland |        |          |      | Healthy People 2020 Target |
|---------------------------|-----|----------|--------|----------|------|----------------------------|
|                           |     | White*   | Black* | Hispanic | All  |                            |
| Fetal <sup>4</sup>        | 5.0 | **       | **     | 0.0      | 8.2  | 5.6                        |
| Perinatal <sup>4</sup>    | 6.8 | **       | 16.7   | 0.0      | 12.9 | 5.9                        |
| Neonatal <sup>5</sup>     | 4.7 | **       | **     | 0.0      | 5.9  | 4.1                        |
| Postneonatal <sup>5</sup> | 3.3 | **       | **     | 0.0      | 5.9  | 2.0                        |
| Infant <sup>5</sup>       | 8.0 | 12.2     | 12.0   | 0.0      | 11.8 | 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    | Richland |        |          |       | Healthy People 2020 Target |
|--------------------------|-------|----------|--------|----------|-------|----------------------------|
|                          |       | White*   | Black* | Hispanic | All   |                            |
| 1-4 years <sup>6</sup>   | 37.7  | 0.0      | 0.0    | 0.0      | 0.0   | 25.7                       |
| 5-9 years <sup>6</sup>   | 15.7  | 0.0      | 0.0    | 0.0      | 0.0   | 12.3                       |
| 10-14 years <sup>6</sup> | 20.4  | 0.0      | 0.0    | 0.0      | 0.0   | 15.2                       |
| 15-19 years <sup>6</sup> | 70.6  | **       | 0.0    | 0.0      | **    | 55.7                       |
| 20-24 years <sup>6</sup> | 116.3 | **       | **     | 0.0      | 126.3 | 88.5                       |

### Data Sources

2010-2012 live births, fetal deaths and deaths: Louisiana State Center for Health Statistics  
 2010-2012 population estimates: *Census County Population Estimates by Age, Sex, Race and Hispanic Origin: April 1, 2010 to July 1, 2012* Release Date: June 2015

<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 term (>37 weeks gestation), singleton, and non-breech presentation

<sup>3</sup>2010 data not included due to inability to combine variables used for calculation of measure from previous version of birth certificate

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

<sup>5</sup>Rate per 1,000 live births

<sup>6</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