

# **Low Birthweight**

**TITLE V INDICATOR TEMPLATE**

**INDICATOR:** Percent of Low Birthweight

**DEFINITION:** The percent of live births weighing less than 2,500 grams

**NUMERATOR:** The number of live births weighing less than 2,500 grams, by place of residence, in a calendar year

**DENOMINATOR:** The total number of live births, by place of residence, in a calendar year

**HEALTHY PEOPLE 2010 OBJECTIVE:**

Reduce low birthweight births to an incidence of no more than 5 percent of live births.  
(Baseline: 7.6 percent in 1998) (Objective 16-10a)

**HEALTHY PEOPLE 2020 OBJECTIVE:**

Reduce low birthweight births to an incidence of no more than 7.8 percent of live births.  
(Baseline: 8.2 percent in 2007) (Objective MICH-8.1)

**RISK FACTORS:**

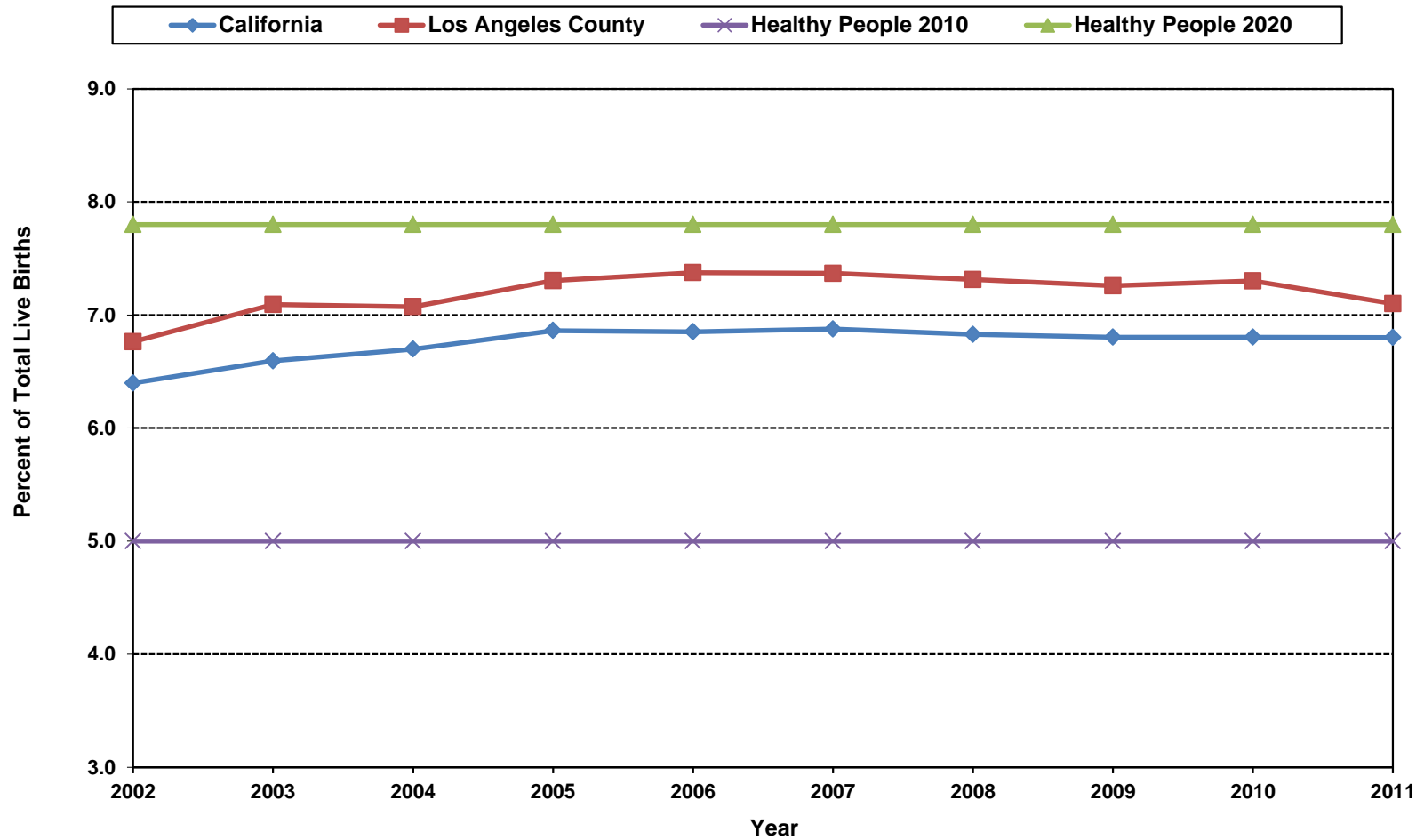
Young or old maternal age; low income; low maternal education level; race/ethnicity (African American, Puerto Rican, Southeast Asian); high parity; short interpregnancy level; multiple gestation; unintended pregnancy; history of low birthweight; poor reproductive history; intrauterine growth retardation; preterm birth; prior preterm birth; late entry into prenatal care; lack of comprehensive prenatal care; low pregnancy weight; tobacco use during pregnancy; alcohol/substance abuse during pregnancy; low pregnancy weight gain; placenta previa; premature rupture of the membrane; stress during pregnancy; strenuous exertion during pregnancy

| Year | California      |         |                         |       | Los Angeles County |         |                         |       |
|------|-----------------|---------|-------------------------|-------|--------------------|---------|-------------------------|-------|
|      | Low Birthweight |         | 95% Confidence Interval |       | Low Birthweight    |         | 95% Confidence Interval |       |
|      | Number          | Percent | Lower                   | Upper | Number             | Percent | Lower                   | Upper |
| 2002 | 33,859          | 6.4     | 6.3                     | 6.5   | 10,222             | 6.8     | 6.6                     | 6.9   |
| 2003 | 35,659          | 6.6     | 6.5                     | 6.7   | 10,794             | 7.1     | 7.0                     | 7.2   |
| 2004 | 36,481          | 6.7     | 6.6                     | 6.8   | 10,717             | 7.1     | 6.9                     | 7.2   |
| 2005 | 37,653          | 6.9     | 6.8                     | 6.9   | 10,984             | 7.3     | 7.2                     | 7.4   |
| 2006 | 38,517          | 6.9     | 6.8                     | 6.9   | 11,196             | 7.4     | 7.2                     | 7.5   |
| 2007 | 38,923          | 6.9     | 6.8                     | 6.9   | 11,186             | 7.4     | 7.2                     | 7.5   |
| 2008 | 37,663          | 6.8     | 6.8                     | 6.9   | 10,800             | 7.3     | 7.2                     | 7.4   |
| 2009 | 35,835          | 6.8     | 6.7                     | 6.9   | 10,139             | 7.3     | 7.1                     | 7.4   |
| 2010 | 34,692          | 6.8     | 6.7                     | 6.9   | 9,721              | 7.3     | 7.2                     | 7.4   |
| 2011 | 34,017          | 6.8     | 6.7                     | 6.8   | 9,257              | 7.1     | 7.0                     | 7.2   |

| Denominator: Live Births |            |           |
|--------------------------|------------|-----------|
| Year                     | California | LA County |
| 2002                     | 529,245    | 151,167   |
| 2003                     | 540,827    | 152,192   |
| 2004                     | 544,685    | 151,504   |
| 2005                     | 548,700    | 150,377   |
| 2006                     | 562,157    | 151,837   |
| 2007                     | 566,137    | 151,813   |
| 2008                     | 551,567    | 147,684   |
| 2009                     | 526,774    | 139,679   |
| 2010                     | 509,979    | 133,160   |
| 2011                     | 502,023    | 130,313   |

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2002-2011.

### Percent of Low Birthweight California vs. Los Angeles County, 2002-2011

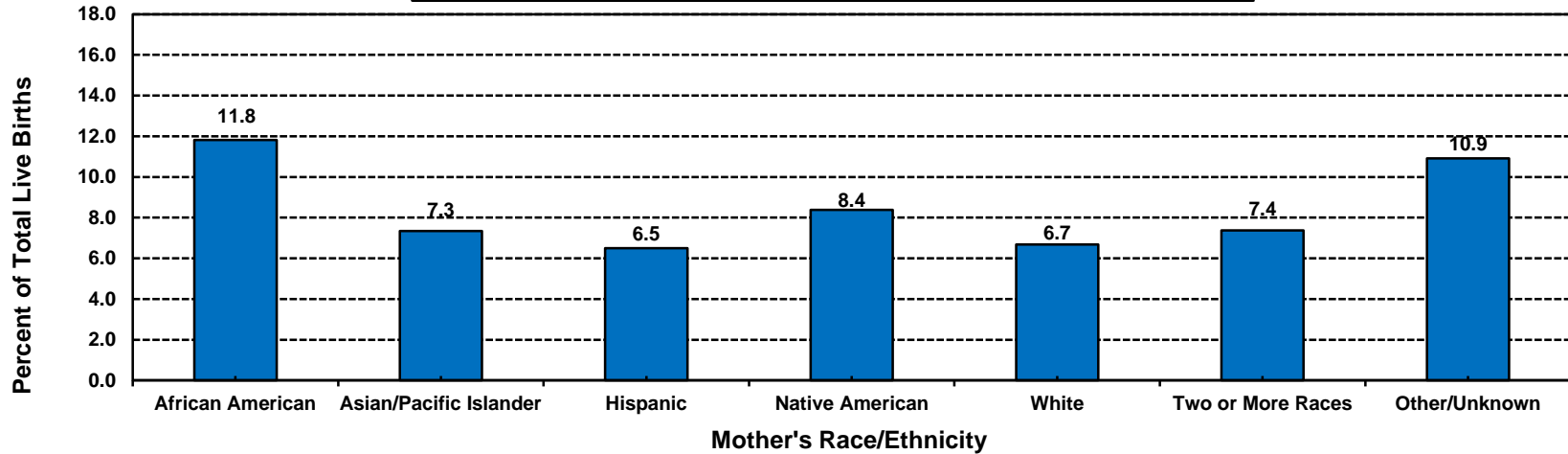


Year 2010 Objective: Reduce low birthweight births to an incidence of no more than 5 percent of live births.

Year 2020 Objective: Reduce low birthweight births to an incidence of no more than 7.8 percent of live births.

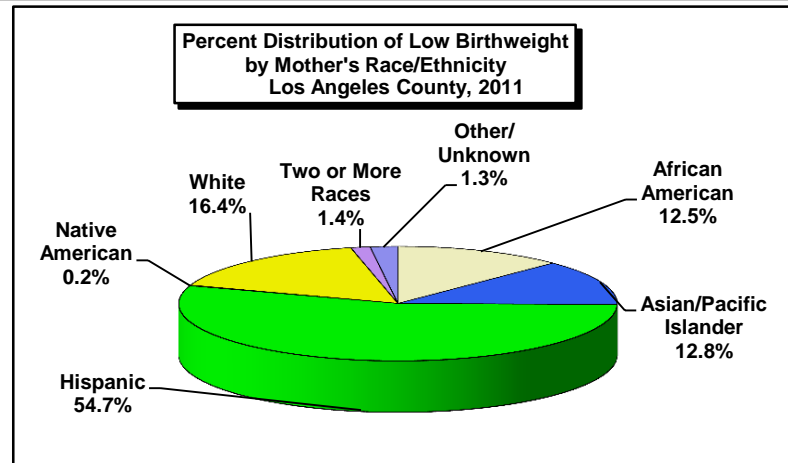
Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2002-2011.

**Low Birthweight Live Births, as Percent of Total Live Births  
by Mother's Race/Ethnicity  
Los Angeles County, 2011**



| Los Angeles County, 2011 |                 |            |                         |            |
|--------------------------|-----------------|------------|-------------------------|------------|
| Mother's Race/Ethnicity  | Low Birthweight |            | 95% Confidence Interval |            |
|                          | Number          | Percent    | Lower                   | Upper      |
| African American         | 1,158           | 11.8       | 11.2                    | 12.5       |
| Asian/Pacific Islander   | 1,183           | 7.3        | 6.9                     | 7.7        |
| Hispanic                 | 5,065           | 6.5        | 6.3                     | 6.7        |
| Native American          | 16              | 8.4        | 4.4                     | 12.3       |
| White                    | 1,515           | 6.7        | 6.4                     | 7.0        |
| Two or More Races        | 132             | 7.4        | 6.2                     | 8.6        |
| Other/Unknown            | 188             | 10.9       | 9.4                     | 12.4       |
| <b>Total</b>             | <b>9,257</b>    | <b>7.1</b> | <b>7.0</b>              | <b>7.2</b> |

| Total Live Births |
|-------------------|
| 9,804             |
| 16,126            |
| 77,993            |
| 191               |
| 22,684            |
| 1,792             |
| 1,723             |
| <b>130,313</b>    |



Year 2010 Objective: Reduce low birthweight births to an incidence of no more than 5 percent of live births.

Year 2020 Objective: Reduce low birthweight births to an incidence of no more than 7.8 percent of live births.

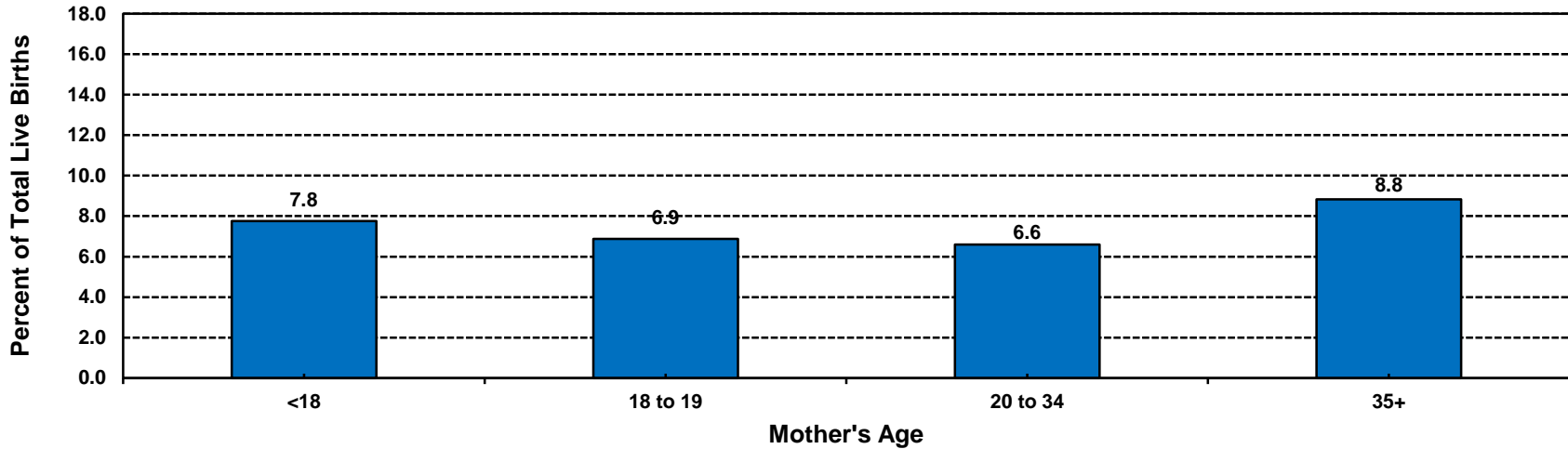
Note: Low birthweight is defined as weight less than 2,500 grams at birth.

Racial/ethnic categorization has been revised in this report; data from previous year reports may not be comparable.

African American, Asian/Pacific Islander, Native American, White and other races exclude Hispanic ethnicity. Hispanic includes any race category.

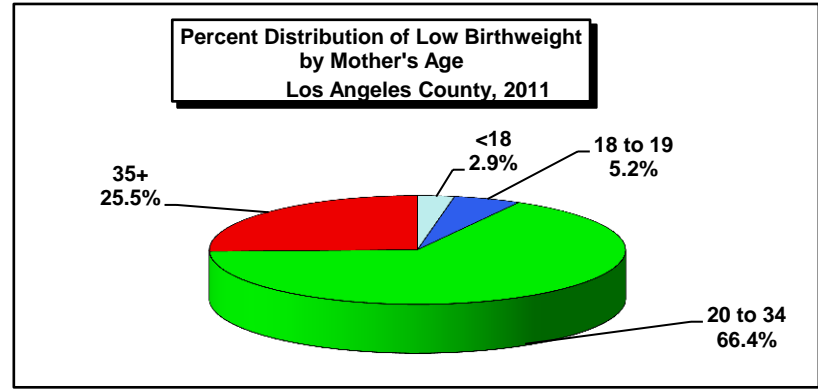
Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2011.

**Low Birthweight Live Births, as Percent of Total Live Births  
by Mother's Age  
Los Angeles County, 2011**



| Los Angeles County, 2011 |                 |            |                         |            |
|--------------------------|-----------------|------------|-------------------------|------------|
| Mother's Age             | Low Birthweight |            | 95% Confidence Interval |            |
|                          | Number          | Percent    | Lower                   | Upper      |
| <18                      | 266             | 7.8        | 6.9                     | 8.6        |
| 18 to 19                 | 485             | 6.9        | 6.3                     | 7.5        |
| 20 to 34                 | 6,148           | 6.6        | 6.4                     | 6.8        |
| 35+                      | 2,358           | 8.8        | 8.5                     | 9.2        |
| <b>Total</b>             | <b>9,257</b>    | <b>7.1</b> | <b>7.0</b>              | <b>7.2</b> |

| Total Live Births |
|-------------------|
| 3,431             |
| 7,049             |
| 93,113            |
| 26,708            |
| <b>130,313</b>    |



Year 2010 Objective: Reduce low birthweight births to an incidence of no more than 5 percent of live births.

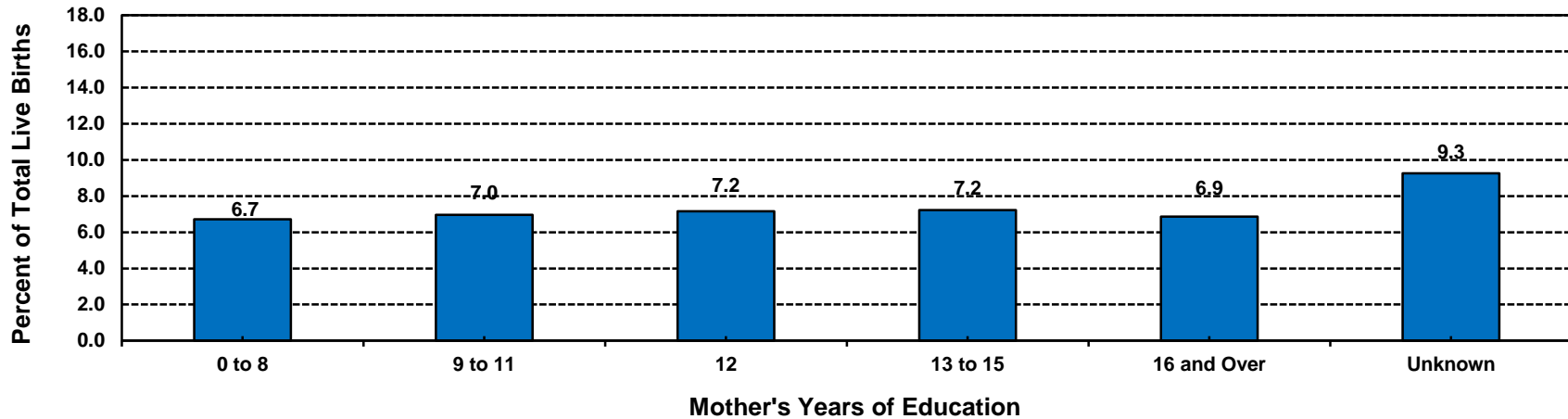
Year 2020 Objective: Reduce low birthweight births to an incidence of no more than 7.8 percent of live births.

Note: Low birthweight is defined as weight less than 2,500 grams at birth.

Numbers fewer than 5 are shown as "<5". Rates are not calculated (N/C) if number is fewer than five.

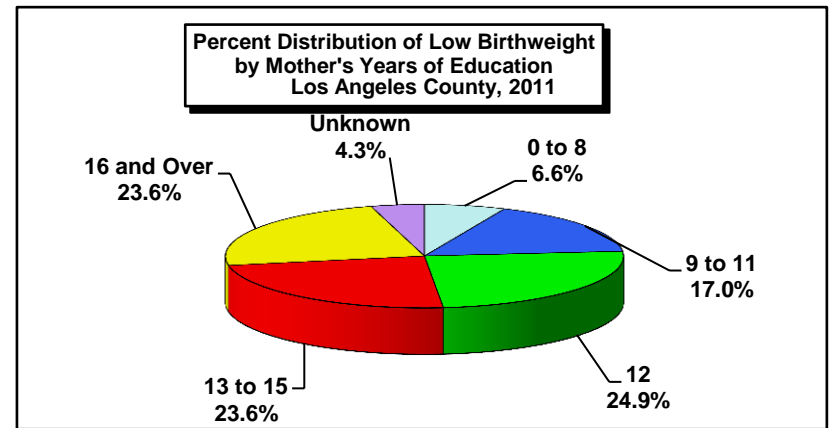
Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2011.

**Low Birthweight Live Births, as Percent of Total Live Births  
by Mother's Years of Education  
Los Angeles County, 2011**



| Los Angeles County, 2011    |                 |            |                         |            |
|-----------------------------|-----------------|------------|-------------------------|------------|
| Mother's Years of Education | Low Birthweight |            | 95% Confidence Interval |            |
|                             | Number          | Percent    | Lower                   | Upper      |
| 0 to 8                      | 611             | 6.7        | 6.2                     | 7.2        |
| 9 to 11                     | 1,570           | 7.0        | 6.6                     | 7.3        |
| 12                          | 2,308           | 7.2        | 6.9                     | 7.4        |
| 13 to 15                    | 2,183           | 7.2        | 6.9                     | 7.5        |
| 16 and Over                 | 2,184           | 6.9        | 6.6                     | 7.1        |
| Unknown                     | 401             | 9.3        | 8.4                     | 10.1       |
| <b>Total</b>                | <b>9,257</b>    | <b>7.1</b> | <b>7.0</b>              | <b>7.2</b> |

| Total Live Births |
|-------------------|
| 9,109             |
| 22,530            |
| 32,259            |
| 30,232            |
| 31,852            |
| 4,331             |
| <b>130,313</b>    |



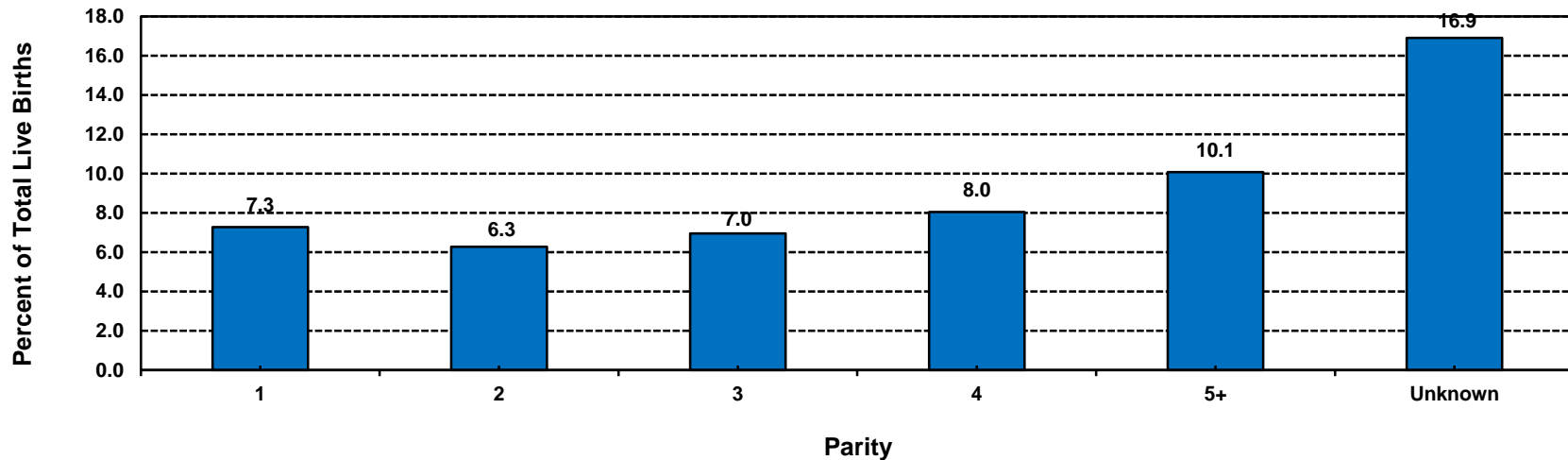
Year 2010 Objective: Reduce low birthweight births to an incidence of no more than 5 percent of live births.

Year 2020 Objective: Reduce low birthweight births to an incidence of no more than 7.8 percent of live births.

Note: Low birthweight is defined as weight less than 2,500 grams at birth.

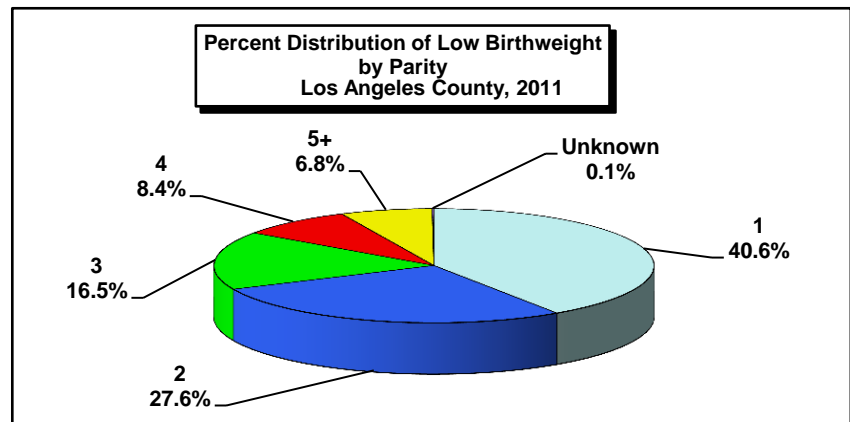
Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2011.

**Low Birthweight Live Births, as Percent of Total Live Births  
by Parity  
Los Angeles County, 2011**



| Los Angeles County, 2011 |                 |            |                         |            |
|--------------------------|-----------------|------------|-------------------------|------------|
| Parity                   | Low Birthweight |            | 95% Confidence Interval |            |
|                          | Number          | Percent    | Lower                   | Upper      |
| 1                        | 3,759           | 7.3        | 7.0                     | 7.5        |
| 2                        | 2,552           | 6.3        | 6.0                     | 6.5        |
| 3                        | 1,531           | 7.0        | 6.6                     | 7.3        |
| 4                        | 776             | 8.0        | 7.5                     | 8.6        |
| 5+                       | 627             | 10.1       | 9.3                     | 10.8       |
| Unknown                  | 12              | 16.9       | 8.2                     | 25.6       |
| <b>Total</b>             | <b>9,257</b>    | <b>7.1</b> | <b>7.0</b>              | <b>7.2</b> |

| Total Live Births |
|-------------------|
| 51,688            |
| 40,686            |
| 22,004            |
| 9,642             |
| 6,222             |
| 71                |
| <b>130,313</b>    |



Year 2010 Objective: Reduce low birthweight births to an incidence of no more than 5 percent of live births.

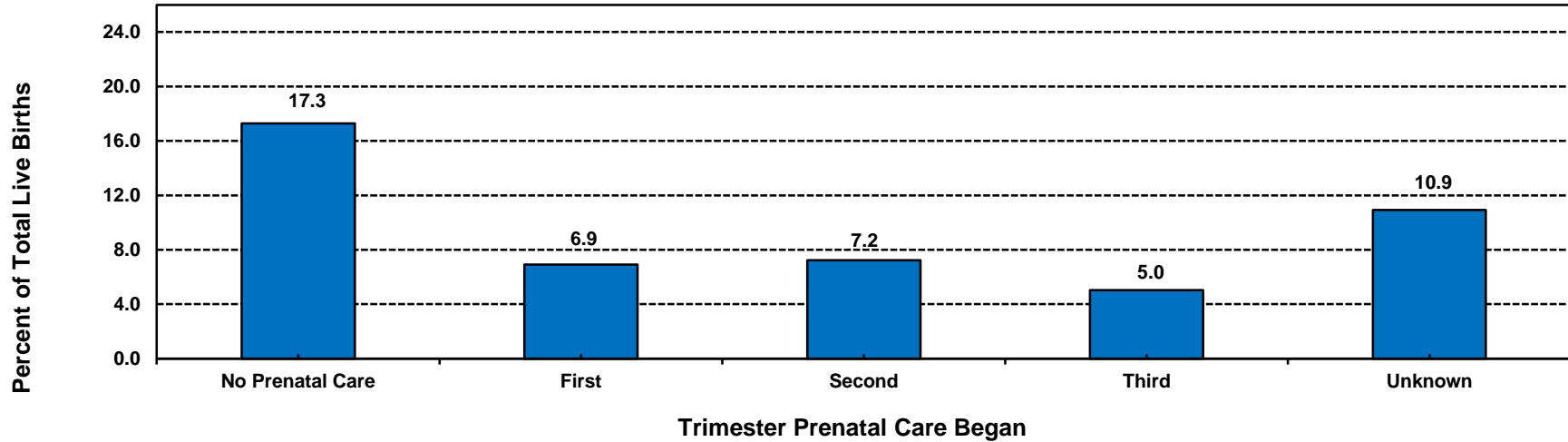
Year 2020 Objective: Reduce low birthweight births to an incidence of no more than 7.8 percent of live births.

Note: Low birthweight is defined as weight less than 2,500 grams at birth.

Parity = number of pregnancies resulting in live births to a woman.

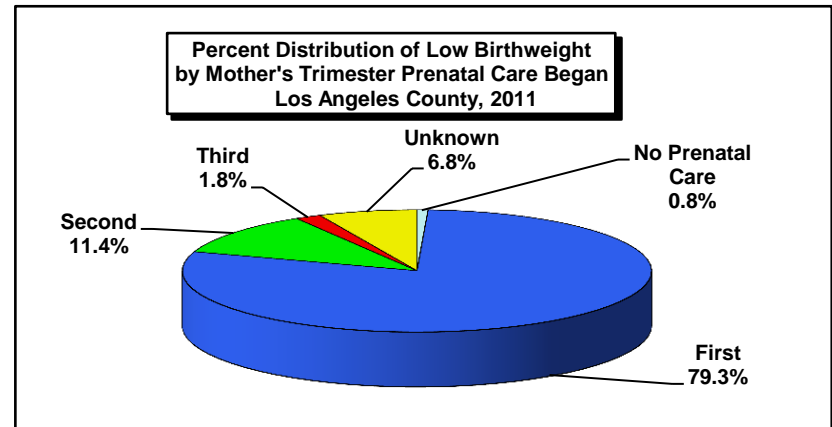
Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2011.

**Low Birthweight Live Births, as Percent of Total Live Births  
by Mother's Trimester Prenatal Care (PNC) Began  
Los Angeles County, 2011**



| Los Angeles County, 2011               |                 |            |                         |            |
|--|-----------------|------------|-------------------------|------------|
| Mother's Trimester Prenatal Care Began | Low Birthweight |            | 95% Confidence Interval |            |
|  | Number          | Percent    | Lower                   | Upper      |
| No Prenatal Care                       | 70              | 17.3       | 13.6                    | 21.0       |
| First                                  | 7,339           | 6.9        | 6.8                     | 7.1        |
| Second                                 | 1,052           | 7.2        | 6.8                     | 7.6        |
| Third                                  | 165             | 5.0        | 4.3                     | 5.8        |
| Unknown                                | 631             | 10.9       | 10.1                    | 11.7       |
| <b>Total</b>                           | <b>9,257</b>    | <b>7.1</b> | <b>7.0</b>              | <b>7.2</b> |

| Total Live Births |
|-------------------|
| 405               |
| 106,307           |
| 14,554            |
| 3,273             |
| 5,774             |
| <b>130,313</b>    |



Year 2010 Objective: Reduce low birthweight births to an incidence of no more than 5 percent of live births.

Year 2020 Objective: Reduce low birthweight births to an incidence of no more than 7.8 percent of live births.

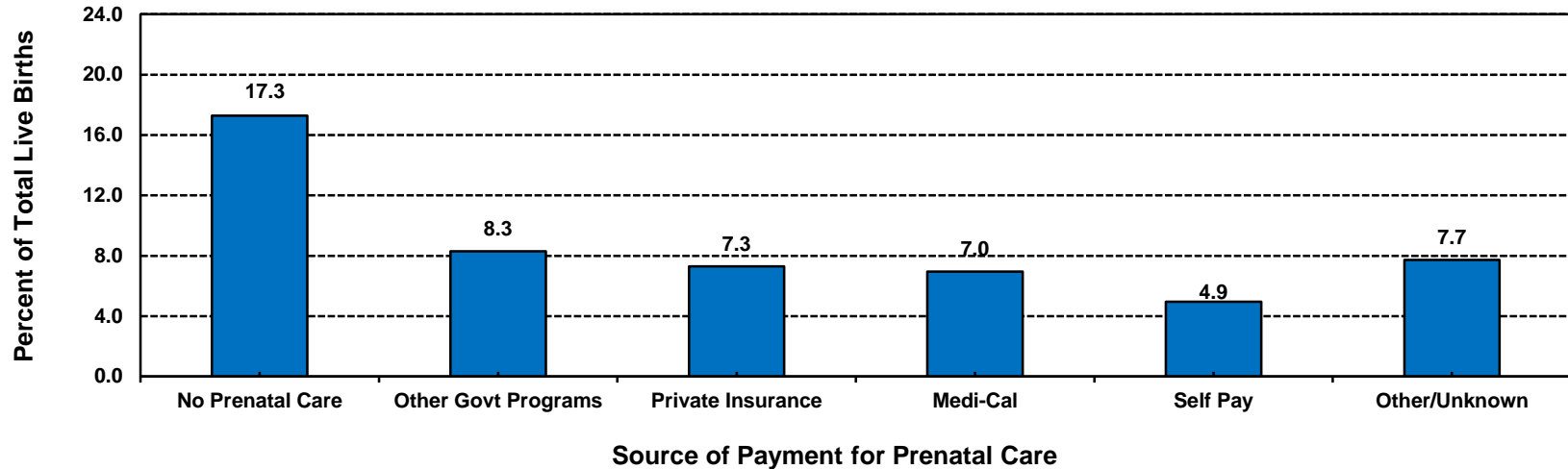
Note: Low birthweight is defined as weight less than 2,500 grams at birth.

"Trimester Prenatal Care (PNC) Began" excludes the prenatal care experiences of all women whose pregnancies did not result in a live birth.

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2011.

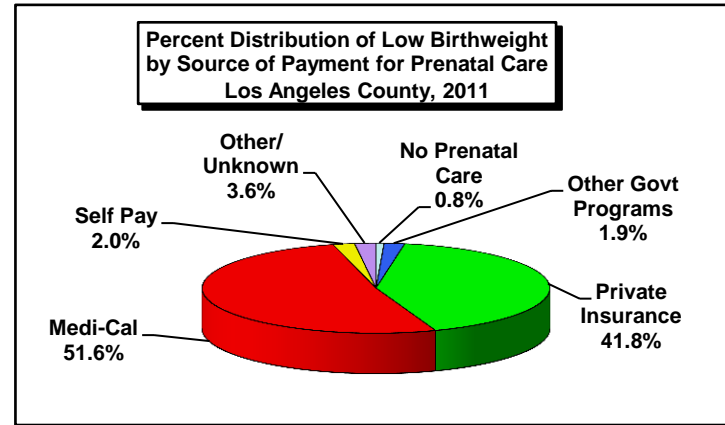


**Low Birthweight Live Births, as Percent of Total Live Births  
by Source of Payment for Prenatal Care (PNC)  
Los Angeles County, 2011**



| Los Angeles County, 2011            |                 |            |                         |            |
|-------------------------------------|-----------------|------------|-------------------------|------------|
| Source of Payment for Prenatal Care | Low Birthweight |            | 95% Confidence Interval |            |
|                                     | Number          | Percent    | Lower                   | Upper      |
| No Prenatal Care                    | 70              | 17.3       | 13.6                    | 21.0       |
| Other Govt Programs                 | 175             | 8.3        | 7.1                     | 9.5        |
| Private Insurance                   | 3,870           | 7.3        | 7.1                     | 7.5        |
| Medi-Cal                            | 4,774           | 7.0        | 6.8                     | 7.1        |
| Self Pay                            | 186             | 4.9        | 4.3                     | 5.6        |
| Other/Unknown                       | 182             | 7.7        | 6.7                     | 8.8        |
| <b>Total</b>                        | <b>9,257</b>    | <b>7.1</b> | <b>7.0</b>              | <b>7.2</b> |

| Total Live Births |
|-------------------|
| 405               |
| 2,112             |
| 53,078            |
| 68,604            |
| 3,760             |
| 2,354             |
| <b>130,313</b>    |



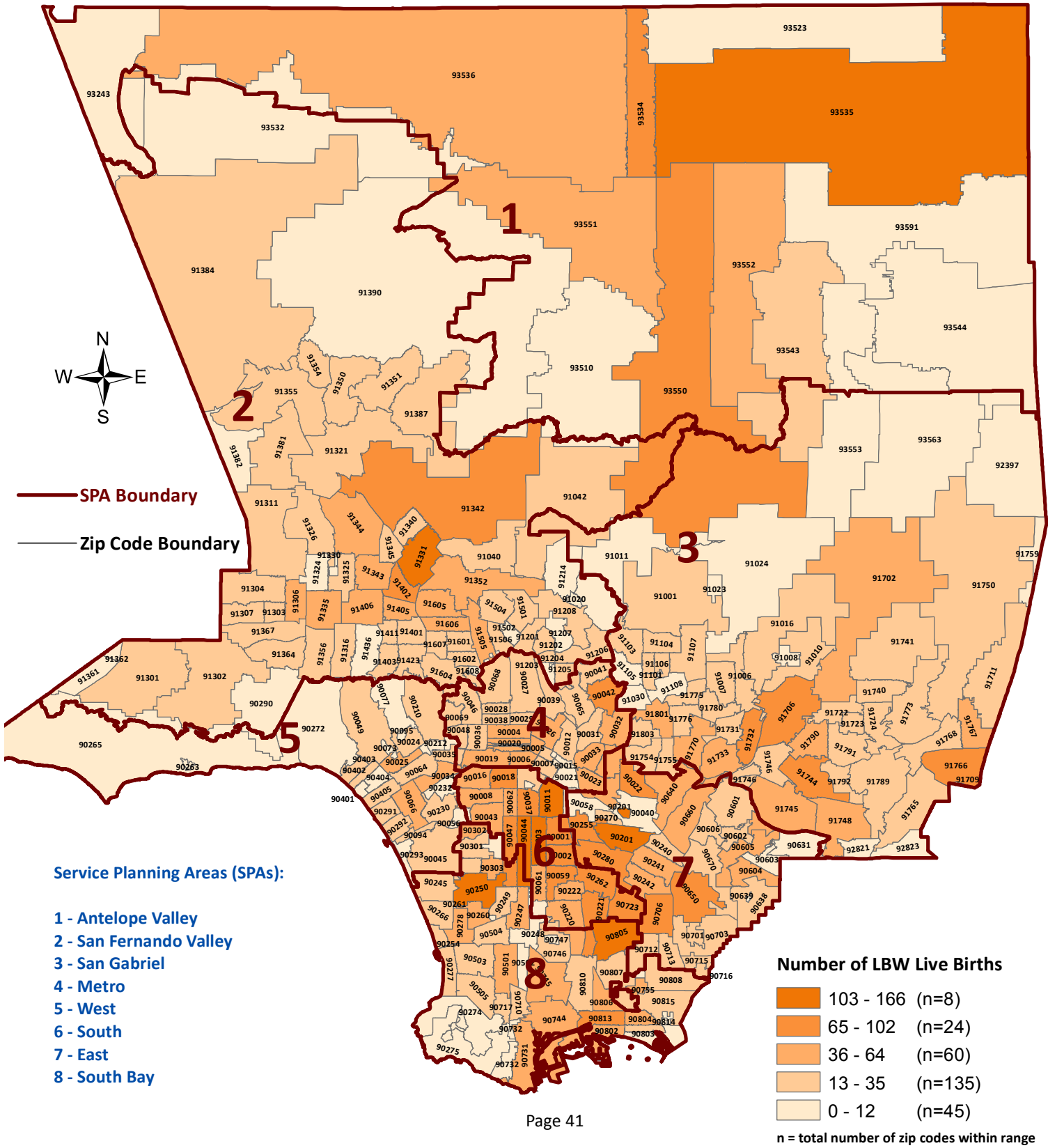
Year 2010 Objective: Reduce low birthweight births to an incidence of no more than 5 percent of live births.

Year 2020 Objective: Reduce low birthweight births to an incidence of no more than 7.8 percent of live births.

Note: Low birthweight is defined as weight less than 2,500 grams at birth.

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2011.

**Los Angeles County - Department of Public Health  
 Number of Low Birthweight (LBW) Live Births  
 by Zip Code\* and Service Planning Area (SPA)  
 Los Angeles County, 2011**



\*Los Angeles County zip code boundaries as of April 2007

Total number of live births in Los Angeles County, 2011 = 130,313

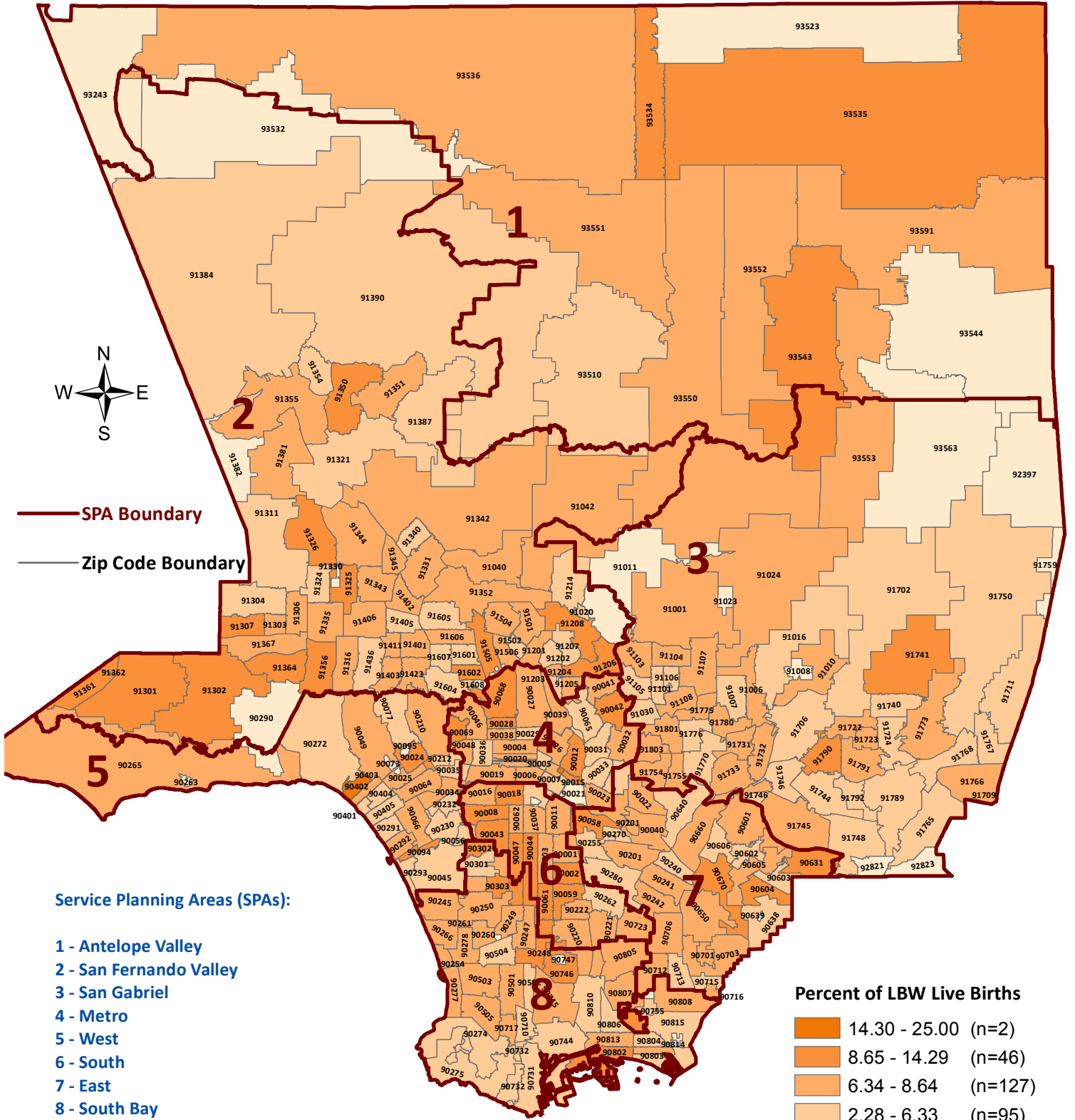
Total number of low birthweight live births in Los Angeles County, 2011 = 9,257

Note: Low birthweight is defined as fetal birth weight less than 2,500 grams at birth.

Zip code 90704 (Catalina Island) is not included. Total number of low birthweight live births in 90704, 2011 = 0

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2011.

**Los Angeles County - Department of Public Health  
Percent of Low Birthweight (LBW) Live Births  
by Zip Code\* and Service Planning Area (SPA)  
Los Angeles County, 2011**



\*Los Angeles County zip code boundaries as of April 2007

Total number of live births in Los Angeles County, 2011 = 130,313

Total number of low birthweight live births in Los Angeles County, 2011 = 9,257

Percent of low birthweight live births per 100 live births in Los Angeles County, 2011 = 7.1

Year 2010 Objective: Reduce low birthweight births to an incidence of no more than 5.0 percent of live births.

Year 2020 Objective: Reduce low birthweight births to an incidence of no more than 7.8 percent of live births.

Note: Percent of low birthweight is defined as fetal birth weight less than 2,500 grams at birth per 100 live births.

Zip code 90704 (Catalina Island) is not included. Percent of low birthweight live births in 90704, 2011 = 0.00

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2011.

# **Very Low Birthweight**

**TITLE V INDICATOR TEMPLATE**

**INDICATOR:** Percent of Very Low Birthweight

**DEFINITION:** The percent of live births weighing less than 1,500 grams

**NUMERATOR:** The number of live births weighing less than 1,500 grams, by place of residence, in a calendar year

**DENOMINATOR:** The total number of live births, by place of residence, in a calendar year

**HEALTHY PEOPLE 2010 OBJECTIVE:**

Reduce very low birthweight births to an incidence of no more than 0.9 percent of live births.  
(Baseline: 1.4 percent in 1998) (Objective 16-10b)

**HEALTHY PEOPLE 2020 OBJECTIVE:**

Reduce very low birthweight births to an incidence of no more than 1.4 percent of live births.  
(Baseline: 1.5 percent in 2007) (Objective MICH-8.2)

**RISK FACTORS:**

Preterm birth, prior preterm birth; race/ethnicity (African American, Puerto Rican); substance use/abuse (e.g. illicit drug use)

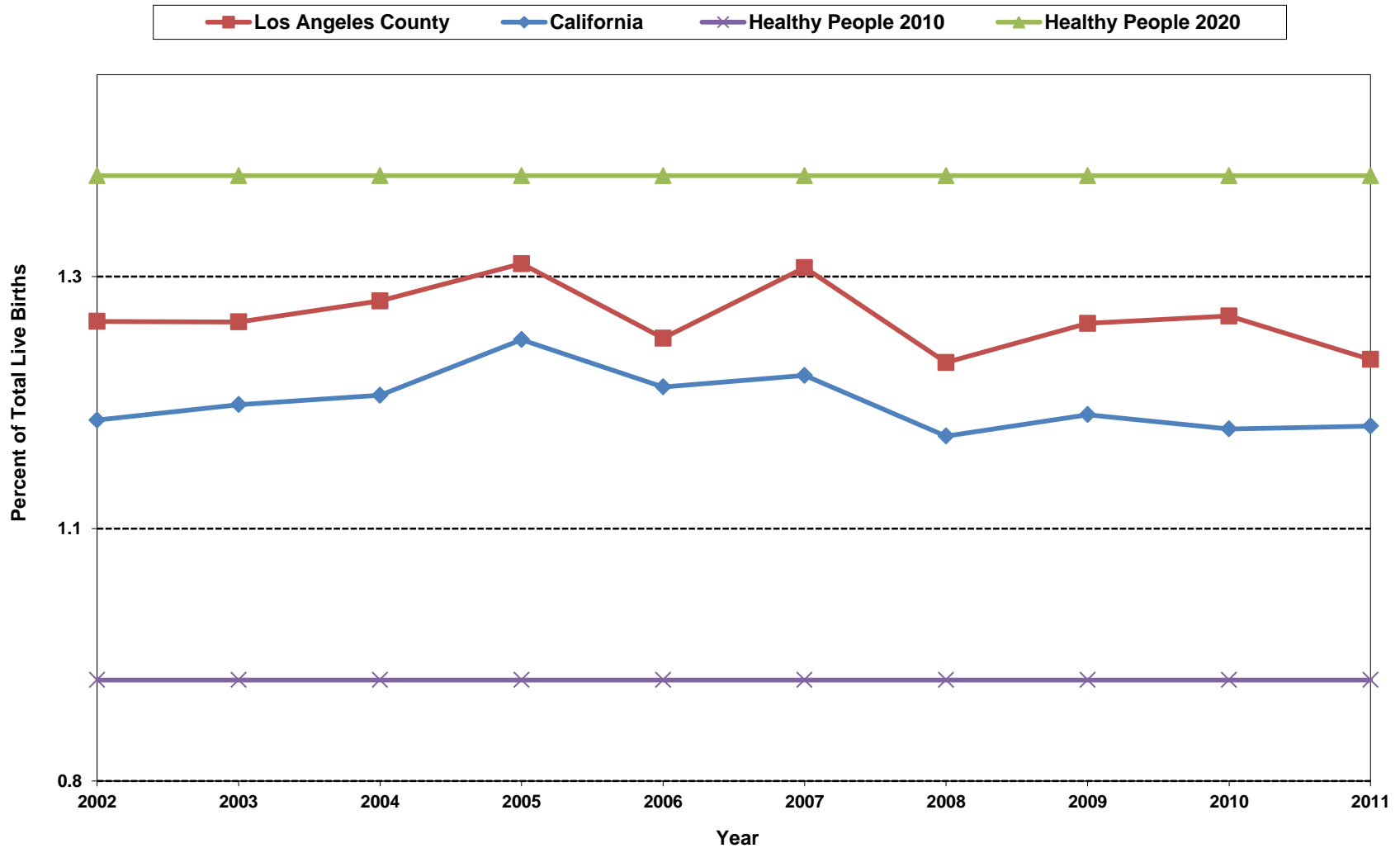
See also risk factors for low birthweight

| Year | California           |         |                         |       | Los Angeles County   |         |                         |       |
|------|----------------------|---------|-------------------------|-------|----------------------|---------|-------------------------|-------|
|      | Very Low Birthweight |         | 95% Confidence Interval |       | Very Low Birthweight |         | 95% Confidence Interval |       |
|      | Number               | Percent | Lower                   | Upper | Number               | Percent | Lower                   | Upper |
| 2002 | 6,127                | 1.2     | 1.1                     | 1.2   | 1,898                | 1.3     | 1.2                     | 1.3   |
| 2003 | 6,344                | 1.2     | 1.1                     | 1.2   | 1,910                | 1.3     | 1.2                     | 1.3   |
| 2004 | 6,440                | 1.2     | 1.2                     | 1.2   | 1,933                | 1.3     | 1.2                     | 1.3   |
| 2005 | 6,790                | 1.2     | 1.2                     | 1.3   | 1,974                | 1.3     | 1.3                     | 1.4   |
| 2006 | 6,693                | 1.2     | 1.2                     | 1.2   | 1,881                | 1.2     | 1.2                     | 1.3   |
| 2007 | 6,805                | 1.2     | 1.2                     | 1.2   | 1,987                | 1.3     | 1.3                     | 1.4   |
| 2008 | 6,298                | 1.1     | 1.1                     | 1.2   | 1,794                | 1.2     | 1.2                     | 1.3   |
| 2009 | 6,127                | 1.2     | 1.1                     | 1.2   | 1,751                | 1.3     | 1.2                     | 1.3   |
| 2010 | 5,859                | 1.1     | 1.1                     | 1.2   | 1,679                | 1.3     | 1.2                     | 1.3   |
| 2011 | 5,782                | 1.2     | 1.1                     | 1.2   | 1,587                | 1.2     | 1.2                     | 1.3   |

| Denominator: Live Births |            |           |
|--------------------------|------------|-----------|
| Year                     | California | LA County |
| 2002                     | 529,245    | 151,167   |
| 2003                     | 540,827    | 152,192   |
| 2004                     | 544,685    | 151,504   |
| 2005                     | 548,700    | 150,377   |
| 2006                     | 562,157    | 151,837   |
| 2007                     | 566,137    | 151,813   |
| 2008                     | 551,567    | 147,684   |
| 2009                     | 526,774    | 139,679   |
| 2010                     | 509,979    | 133,160   |
| 2011                     | 502,023    | 130,313   |

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2002-2011.

### Percent of Very Low Birthweight California vs. Los Angeles County, 2002-2011

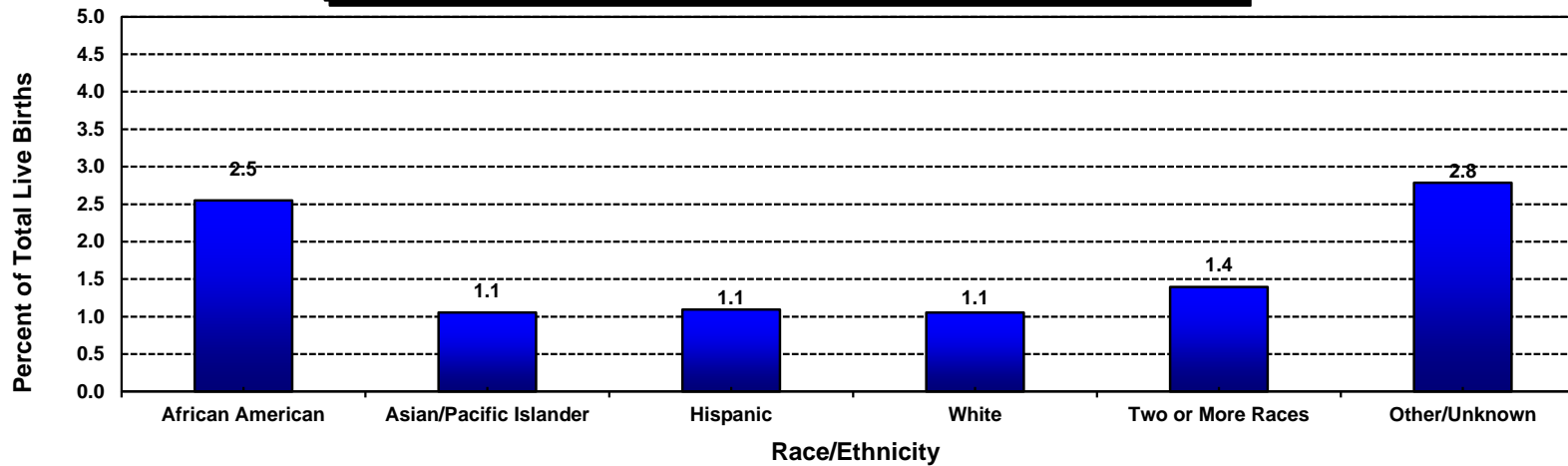


Year 2010 Objective: Reduce very low birthweight births to an incidence of no more than 0.9 percent of live births.

Year 2020 Objective: Reduce very low birthweight births to an incidence of no more than 1.4 percent of live births.

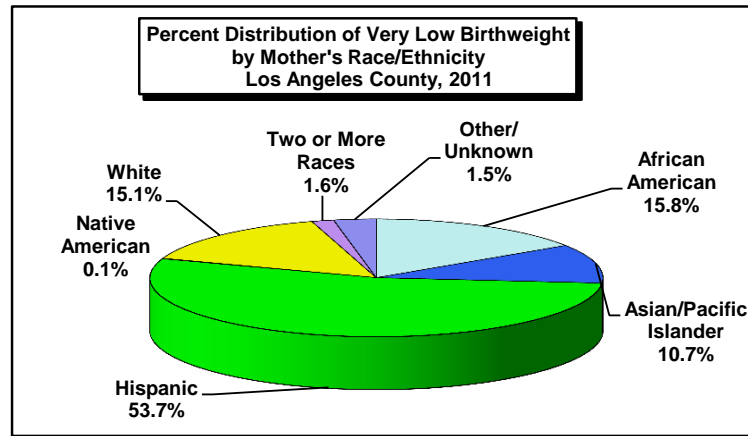
Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2002-2011.

**Very Low Birthweight Live Births, as Percent of Total Live Births  
by Mother's Race/Ethnicity  
Los Angeles County, 2011**



| Los Angeles County, 2011 |                      |            |                         |            |
|--------------------------|----------------------|------------|-------------------------|------------|
| Mother's Race/Ethnicity  | Very Low Birthweight |            | 95% Confidence Interval |            |
|                          | Number               | Percent    | Lower                   | Upper      |
| African American         | 250                  | 2.5        | 2.2                     | 2.9        |
| Asian/Pacific Islander   | 170                  | 1.1        | 0.9                     | 1.2        |
| Hispanic                 | 853                  | 1.1        | 1.0                     | 1.2        |
| Native American          | <5                   | N/C        | N/C                     | N/C        |
| White                    | 239                  | 1.1        | 0.9                     | 1.2        |
| Two or More Races        | 25                   | 1.4        | 0.9                     | 1.9        |
| Other/Unknown            | 48                   | 2.8        | 2.0                     | 3.6        |
| <b>Total</b>             | <b>1,587</b>         | <b>1.2</b> | <b>1.2</b>              | <b>1.3</b> |

| Total Live Births |
|-------------------|
| 9,804             |
| 16,126            |
| 77,993            |
| 191               |
| 22,684            |
| 1,792             |
| 1,723             |
| <b>130,313</b>    |



Year 2010 Objective: Reduce very low birthweight births to an incidence of no more than 0.9 percent of live births.

Year 2020 Objective: Reduce very low birthweight births to an incidence of no more than 1.4 percent of live births.

Note: Very low birthweight is defined as weight less than 1,500 grams at birth.

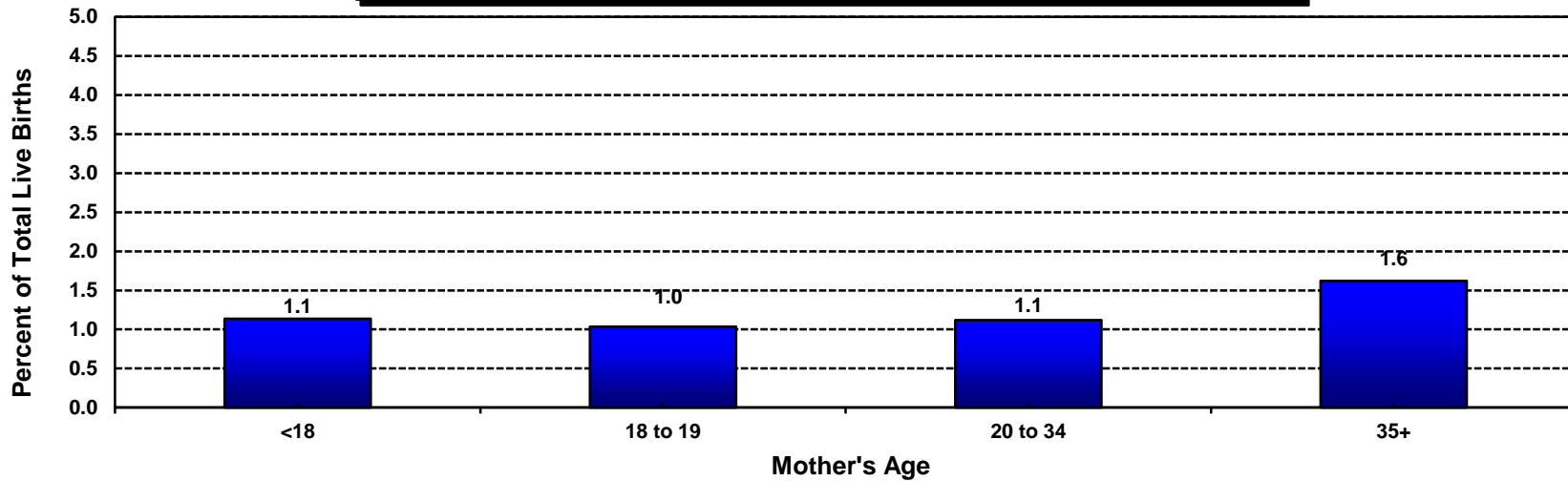
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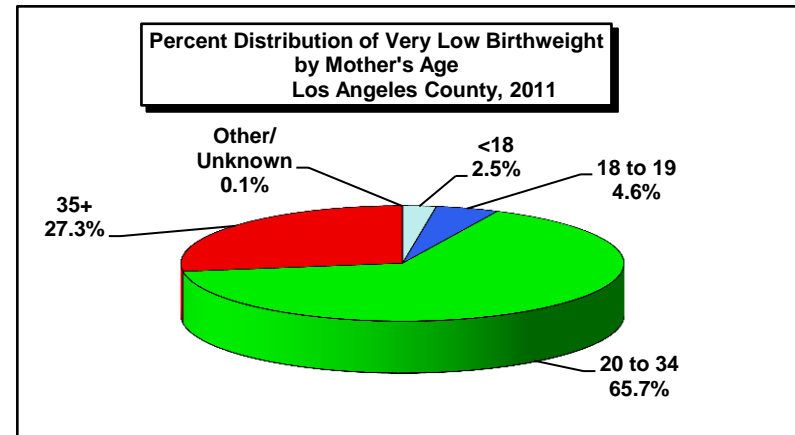
Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2011.

**Very Low Birthweight Live Births, as Percent of Total Live Births  
by Mother's Age  
Los Angeles County, 2011**



| Los Angeles County, 2011 |                      |            |                         |            |
|--------------------------|----------------------|------------|-------------------------|------------|
| Mother's Age             | Very Low Birthweight |            | 95% Confidence Interval |            |
|                          | Number               | Percent    | Lower                   | Upper      |
| <18                      | 39                   | 1.1        | 0.8                     | 1.5        |
| 18 to 19                 | 73                   | 1.0        | 0.8                     | 1.3        |
| 20 to 34                 | 1,042                | 1.1        | 1.1                     | 1.2        |
| 35+                      | 433                  | 1.6        | 1.5                     | 1.8        |
| Other/Unknown            | <5                   | N/C        | N/C                     | N/C        |
| <b>Total</b>             | <b>1,587</b>         | <b>1.2</b> | <b>1.2</b>              | <b>1.3</b> |

| Total Live Births |
|-------------------|
| 3,431             |
| 7,049             |
| 93,113            |
| 26,708            |
| 12                |
| <b>130,313</b>    |



Year 2010 Objective: Reduce very low birthweight births to an incidence of no more than 0.9 percent of live births.

Year 2020 Objective: Reduce very low birthweight births to an incidence of no more than 1.4 percent of live births.

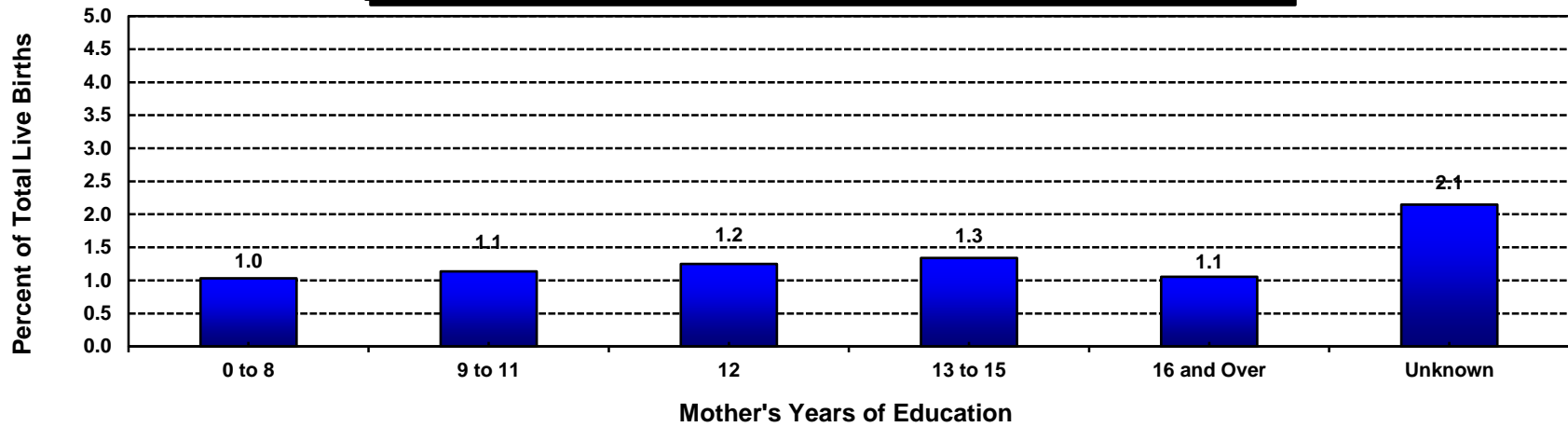
Note: Very low birthweight is defined as weight less than 1,500 grams at birth.

Numbers fewer than 5 are shown as "<5". Rates are not calculated (N/C) if number is fewer than five.

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2011.

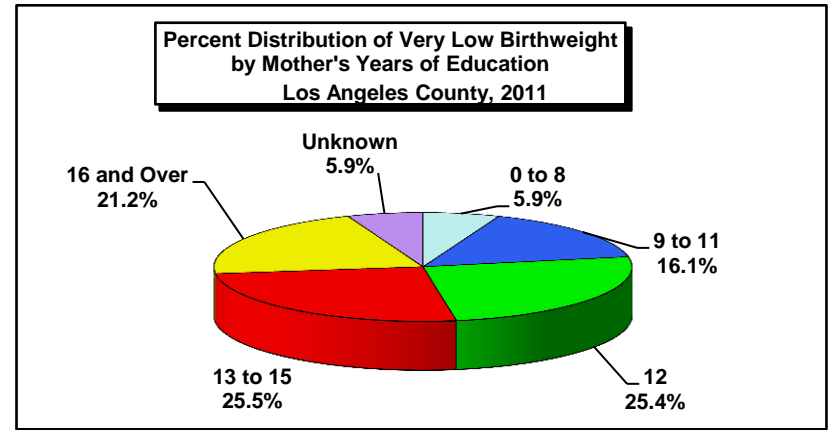


**Very Low Birthweight Live Births, as Percent of Total Live Births  
by Mother's Years of Education  
Los Angeles County, 2011**



| Los Angeles County, 2011    |                      |            |                         |            |
|-----------------------------|----------------------|------------|-------------------------|------------|
| Mother's Years of Education | Very Low Birthweight |            | 95% Confidence Interval |            |
|                             | Number               | Percent    | Lower                   | Upper      |
| 0 to 8                      | 94                   | 1.0        | 0.8                     | 1.2        |
| 9 to 11                     | 256                  | 1.1        | 1.0                     | 1.3        |
| 12                          | 403                  | 1.2        | 1.1                     | 1.4        |
| 13 to 15                    | 405                  | 1.3        | 1.2                     | 1.5        |
| 16 and Over                 | 336                  | 1.1        | 0.9                     | 1.2        |
| Unknown                     | 93                   | 2.1        | 1.7                     | 2.6        |
| <b>Total</b>                | <b>1,587</b>         | <b>1.2</b> | <b>1.2</b>              | <b>1.3</b> |

| Total Live Births |
|-------------------|
| 9,109             |
| 22,530            |
| 32,259            |
| 30,232            |
| 31,852            |
| 4,331             |
| <b>130,313</b>    |



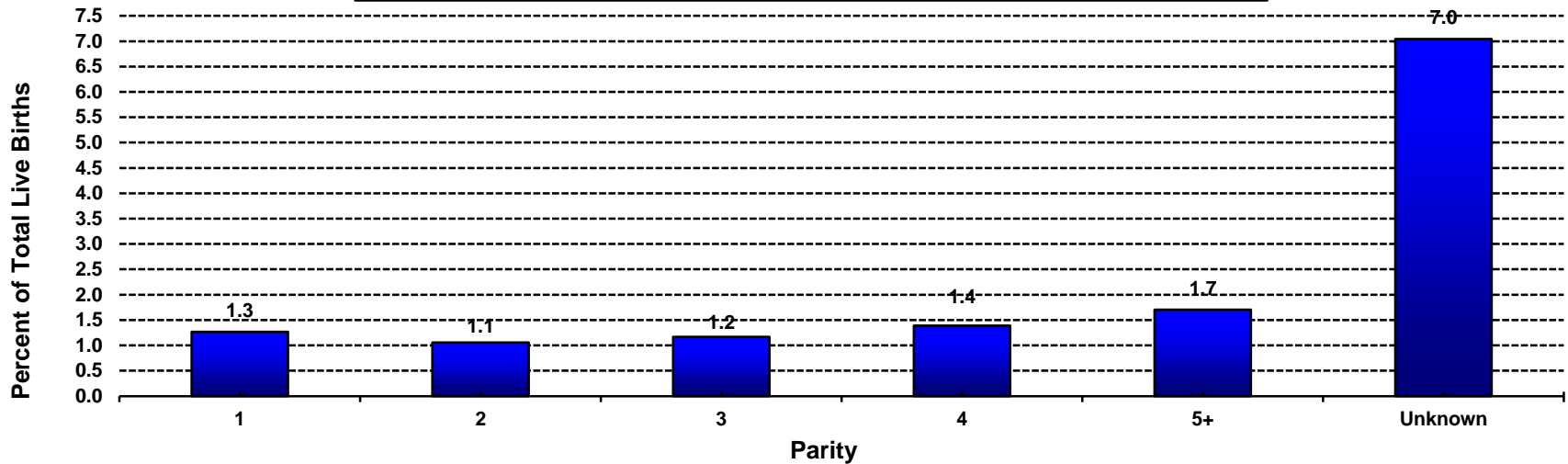
Year 2010 Objective: Reduce very low birthweight births to an incidence of no more than 0.9 percent of live births.

Year 2020 Objective: Reduce very low birthweight births to an incidence of no more than 1.4 percent of live births.

Note: Very low birthweight is defined as weight less than 1,500 grams at birth.

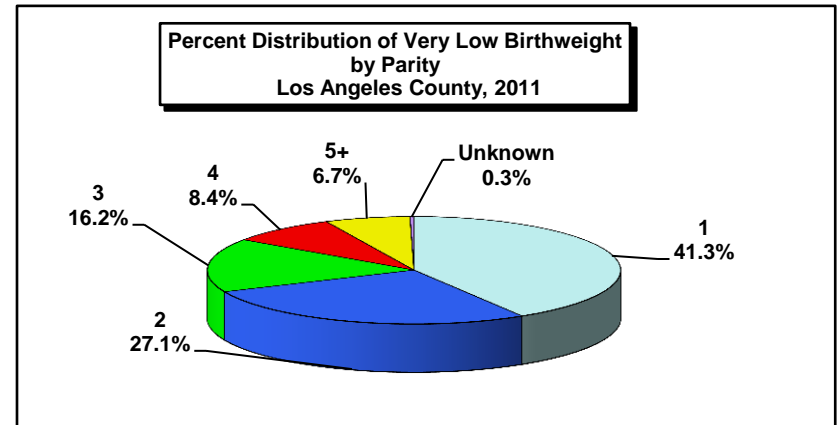
Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2011.

**Very Low Birthweight Live Births, as Percent of Total Live Births  
by Parity  
Los Angeles County, 2011**



| Los Angeles County, 2011 |                      |            |                         |            |
|--------------------------|----------------------|------------|-------------------------|------------|
| Parity                   | Very Low Birthweight |            | 95% Confidence Interval |            |
|                          | Number               | Percent    | Lower                   | Upper      |
| 1                        | 655                  | 1.3        | 1.2                     | 1.4        |
| 2                        | 430                  | 1.1        | 1.0                     | 1.2        |
| 3                        | 257                  | 1.2        | 1.0                     | 1.3        |
| 4                        | 134                  | 1.4        | 1.2                     | 1.6        |
| 5+                       | 106                  | 1.7        | 1.4                     | 2.0        |
| Unknown                  | 5                    | 7.0        | 1.1                     | 13.0       |
| <b>Total</b>             | <b>1,587</b>         | <b>1.2</b> | <b>1.2</b>              | <b>1.3</b> |

| Total Live Births |
|-------------------|
| 51,688            |
| 40,686            |
| 22,004            |
| 9,642             |
| 6,222             |
| 71                |
| <b>130,313</b>    |



Year 2010 Objective: Reduce very low birthweight births to an incidence of no more than 0.9 percent of live births.

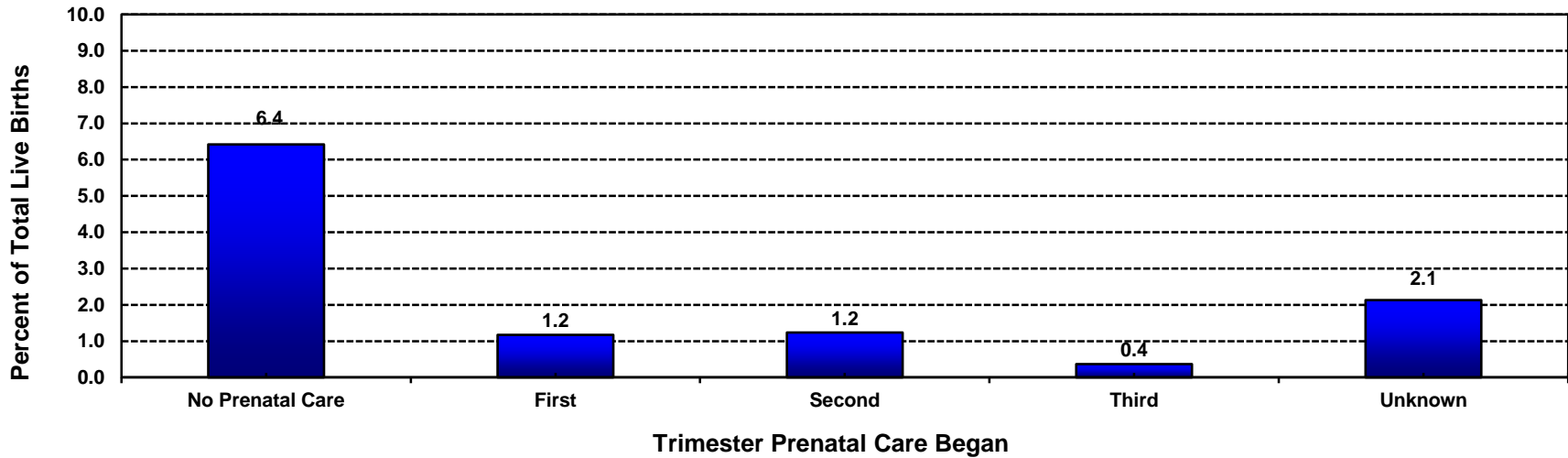
Year 2020 Objective: Reduce very low birthweight births to an incidence of no more than 1.4 percent of live births.

Note: Very low birthweight is defined as weight less than 1,500 grams at birth.

Parity = number of pregnancies resulting in live births to a woman.

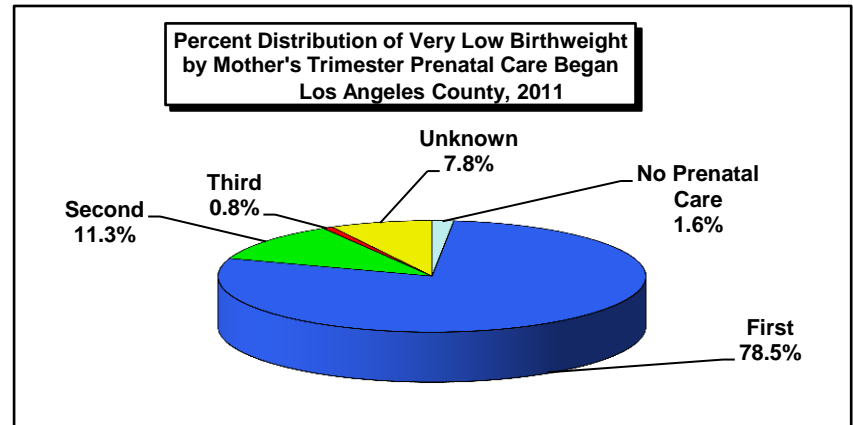
Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2011.

**Very Low Birthweight Live Births, as Percent of Total Live Births  
by Mother's Trimester Prenatal Care (PNC) Began  
Los Angeles County, 2011**



| Los Angeles County, 2011               |                      |            |                         |            |
|--|----------------------|------------|-------------------------|------------|
| Mother's Trimester Prenatal Care Began | Very Low Birthweight |            | 95% Confidence Interval |            |
|  | Number               | Percent    | Lower                   | Upper      |
| No Prenatal Care                       | 26                   | 6.4        | 4.0                     | 8.8        |
| First                                  | 1,246                | 1.2        | 1.1                     | 1.2        |
| Second                                 | 180                  | 1.2        | 1.1                     | 1.4        |
| Third                                  | 12                   | 0.4        | 0.2                     | 0.6        |
| Unknown                                | 123                  | 2.1        | 1.8                     | 2.5        |
| <b>Total</b>                           | <b>1,587</b>         | <b>1.2</b> | <b>1.2</b>              | <b>1.3</b> |

| Total Live Births |
|-------------------|
| 405               |
| 106,307           |
| 14,554            |
| 3,273             |
| 5,774             |
| <b>130,313</b>    |



Year 2010 Objective: Reduce very low birthweight births to an incidence of no more than 0.9 percent of live births.

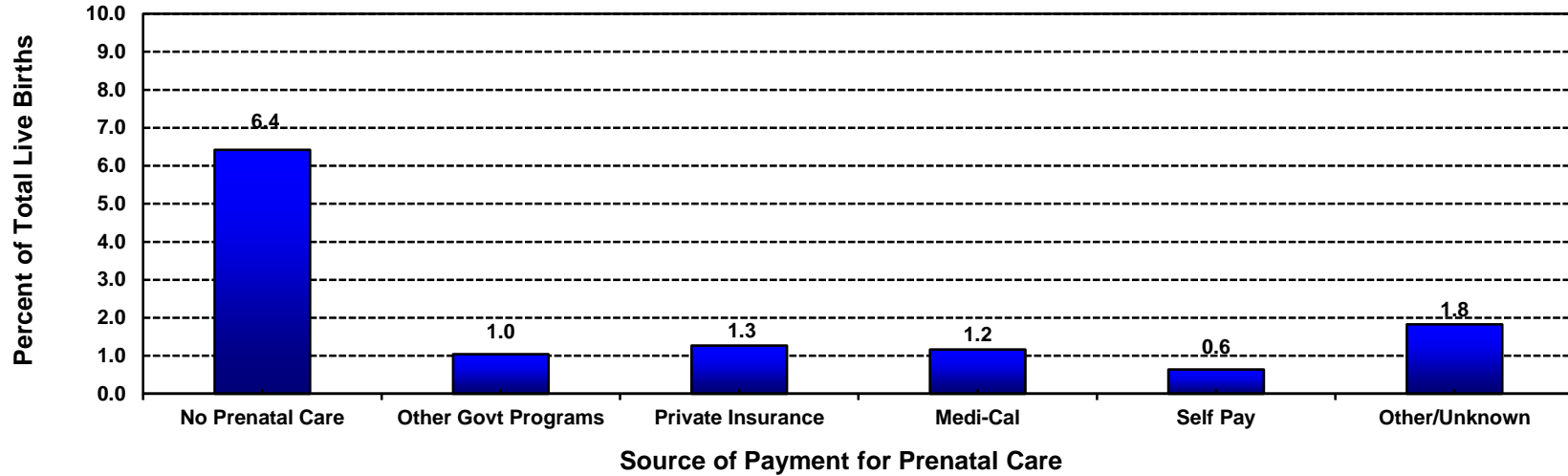
Year 2020 Objective: Reduce very low birthweight births to an incidence of no more than 1.4 percent of live births.

Note: Very low birthweight is defined as weight less than 1,500 grams at birth.

"Trimester Prenatal Care (PNC) Began" excludes the prenatal care experiences of all women whose pregnancies did not result in a live birth.

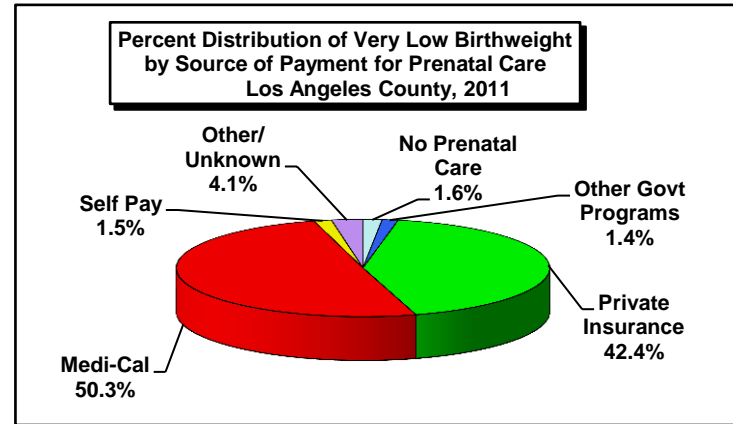
Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2011.

**Very Low Birthweight Live Births, as Percent of Total Live Births  
by Source of Payment for Prenatal Care (PNC)  
Los Angeles County, 2011**



| Los Angeles County, 2011            |                      |            |                         |            |
|-------------------------------------|----------------------|------------|-------------------------|------------|
| Source of Payment for Prenatal Care | Very Low Birthweight |            | 95% Confidence Interval |            |
|                                     | Number               | Percent    | Lower                   | Upper      |
| No Prenatal Care                    | 26                   | 6.4        | 4.0                     | 8.8        |
| Other Govt Programs                 | 22                   | 1.0        | 0.6                     | 1.5        |
| Private Insurance                   | 673                  | 1.3        | 1.2                     | 1.4        |
| Medi-Cal                            | 799                  | 1.2        | 1.1                     | 1.2        |
| Self Pay                            | 24                   | 0.6        | 0.4                     | 0.9        |
| Other/Unknown                       | 43                   | 1.8        | 1.3                     | 2.4        |
| <b>Total</b>                        | <b>1,587</b>         | <b>1.2</b> | <b>1.2</b>              | <b>1.3</b> |

| Total Live Births |
|-------------------|
| 405               |
| 2,112             |
| 53,078            |
| 68,604            |
| 3,760             |
| 2,354             |
| <b>130,313</b>    |



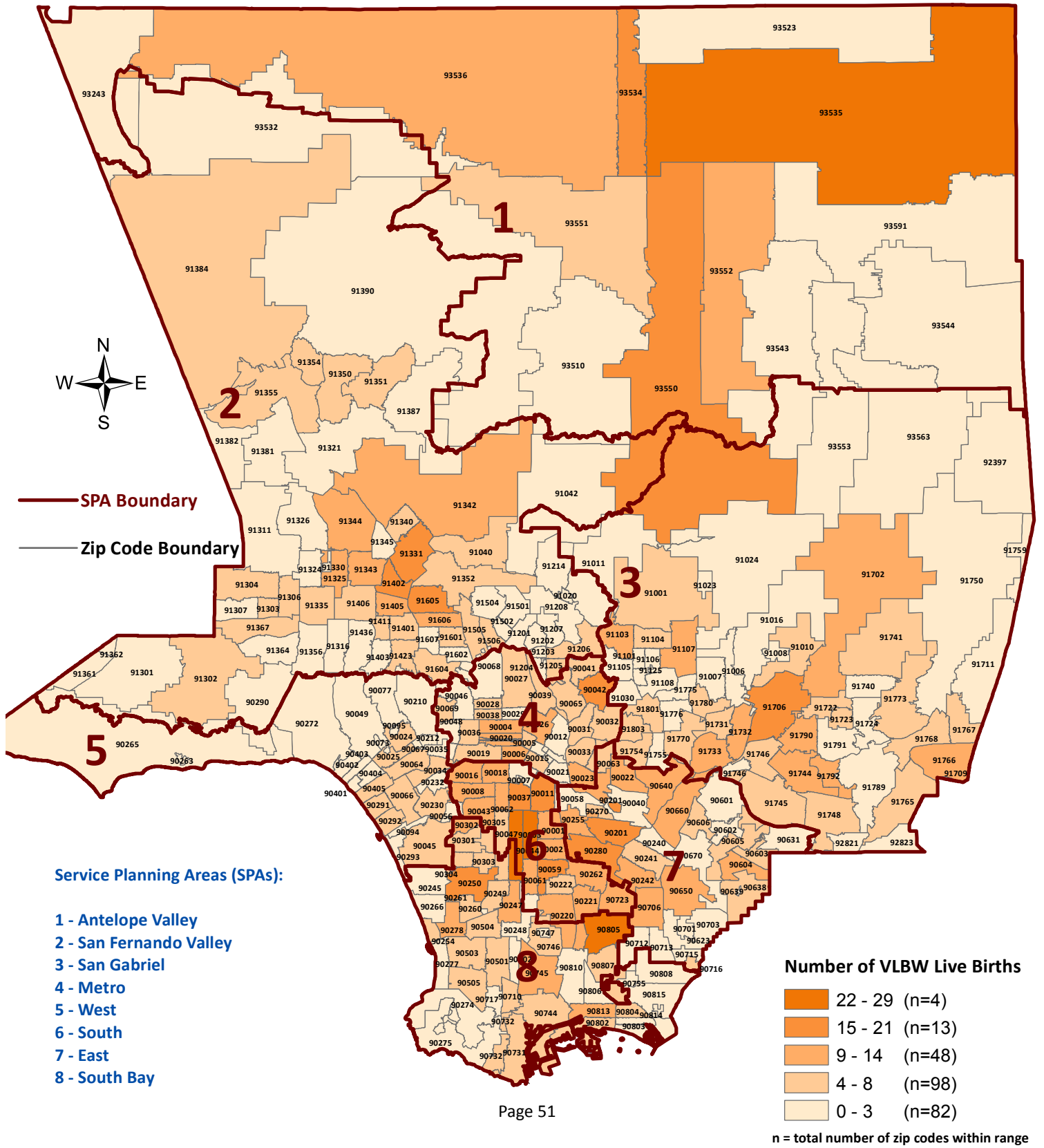
Year 2010 Objective: Reduce very low birthweight births to an incidence of no more than 0.9 percent of live births.

Year 2020 Objective: Reduce very low birthweight births to an incidence of no more than 1.4 percent of live births.

Note: Very low birthweight is defined as weight less than 1,500 grams at birth.

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2011.

**Los Angeles County - Department of Public Health  
 Number of Very Low Birthweight (VLBW) Live Births  
 by Zip Code\* and Service Planning Area (SPA)  
 Los Angeles County, 2011**



\*Los Angeles County zip code boundaries as of April 2007

Total number of live births in Los Angeles County, 2011 = 130,313

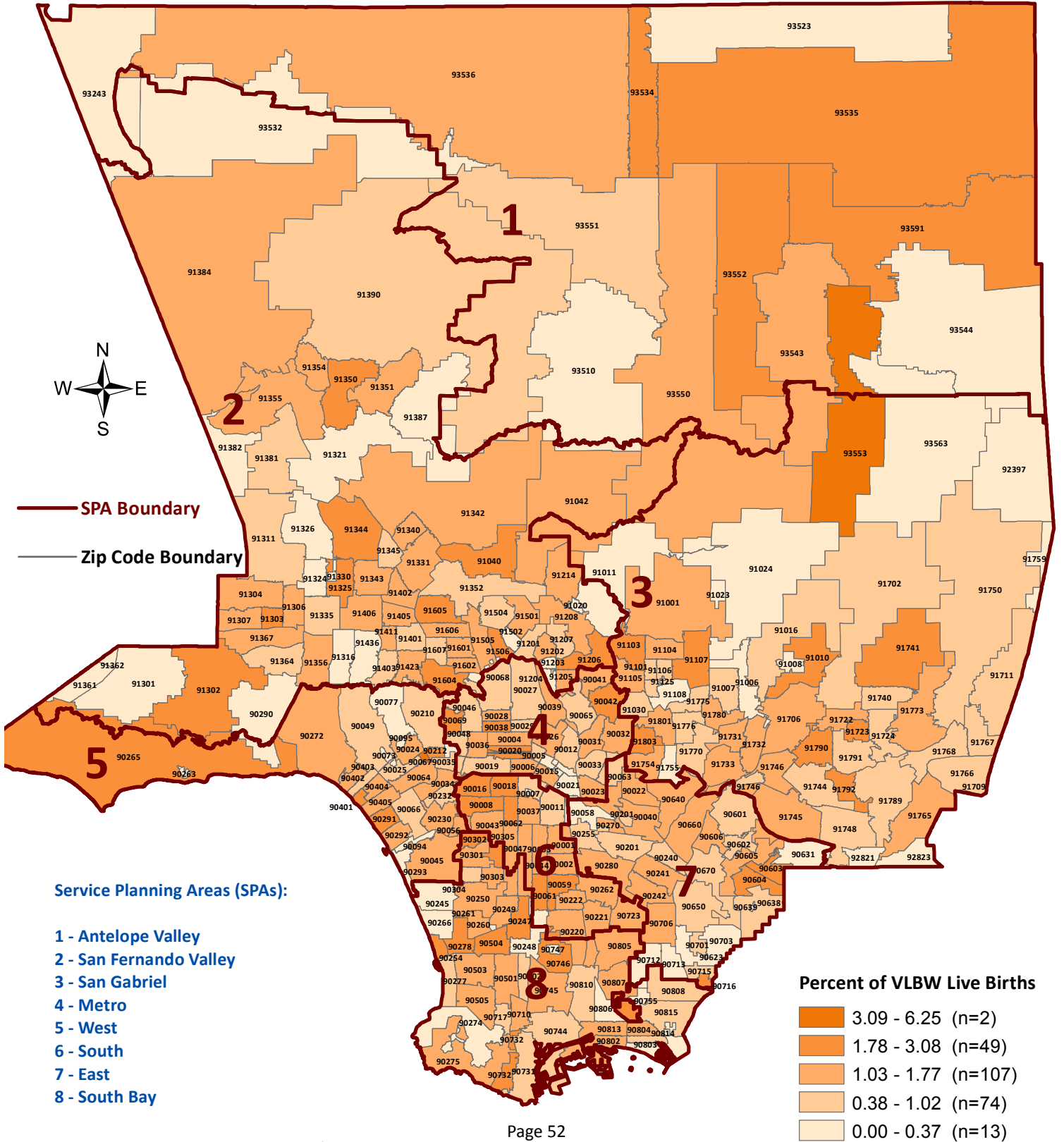
Total number of very low birthweight live births in Los Angeles County, 2011 = 1,587

Note: Very low birthweight is defined as fetal birth weight less than 1,500 grams at birth.

Zip code 90704 (Catalina Island) is not included. Total number of very low birthweight live births in 90704, 2011 = 0

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2011.

**Los Angeles County - Department of Public Health  
Percent of Very Low Birthweight (VLBW) Live Births  
by Zip Code\* and Service Planning Area (SPA)  
Los Angeles County, 2011**



\*Los Angeles County zip code boundaries as of April 2007

Total number of live births in Los Angeles County, 2011 = 130,313

Total number of very low birthweight live births in Los Angeles County, 2011 = 1,587

Percent of very low birthweight live births per 100 live births in Los Angeles County, 2011 = 1.2

Year 2010 Objective: Reduce very low birthweight births to an incidence of no more than 0.9 percent of live births.

Year 2020 Objective: Reduce very low birthweight births to an incidence of no more than 1.4 percent of live births.

Note: Percent very low birthweight is defined as fetal birth weight less than 1,500 grams at birth per 100 live births.

Zip code 90704 (Catalina Island) is not included. Percent of very low birthweight live births in 90704, 2011 = 0.00

Source: California Department of Public Health, Center for Health Statistics, OHIR Vital Statistics Section, 2011.

n = total number of zip codes within range