



**2002  
South Carolina  
Residence Data**



**Infant Mortality  
and Selected  
Birth Characteristics**

**January 2004**

**South Carolina Department of Health and Environmental Control  
Office of Public Health Statistics and Information Services  
Division of Biostatistics and Health GIS  
2600 Bull Street  
Columbia, SC 29201**

**Phone: (803)898-3649  
Fax: (803)898-3661**



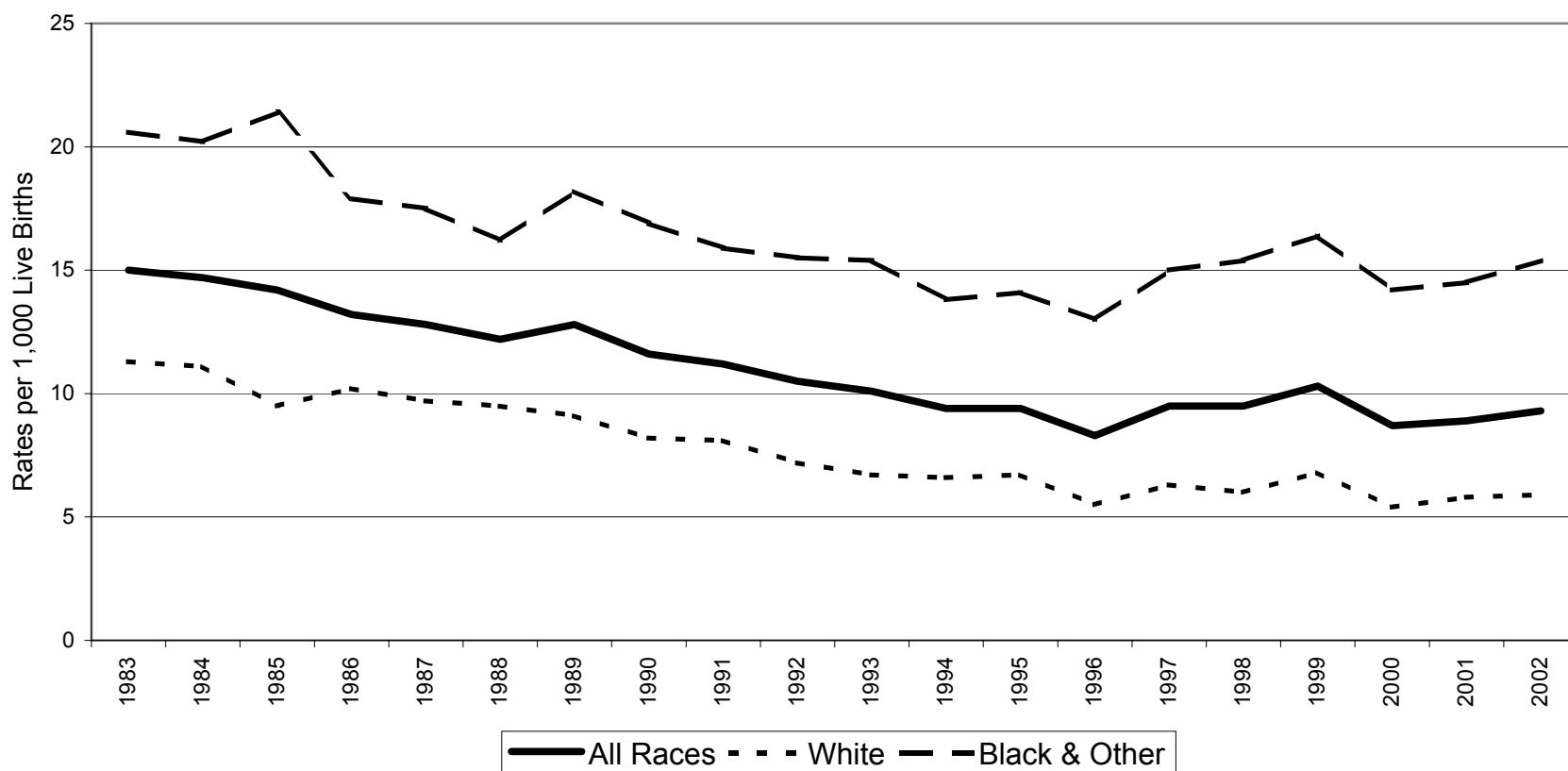
---

## RATE CALCULATIONS WITH SMALL NUMBERS

Variations, which result from chance, exist in all statistics. This fact is of particular importance in the calculation of rates with small numbers of events (here, infant deaths) where these variations are proportionately large in relation to the population at risk (here, live births). As an example, small changes in the number of deaths or births in small population areas (here, small counties) could result in large variations in these crude rates. For this reason, ***rates for counties with small populations should be used cautiously***. Three-year infant mortality rates are calculated to ensure that these rates are less influenced by chance variations, thus making them more stable and more appropriate for trend comparisons.

---

## South Carolina Infant Mortality Rates<sup>1</sup> by Race<sup>2</sup> Residence Data, 1983-2002



|               | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 |
|---------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| All Races     | 15.0 | 14.7 | 14.2 | 13.2 | 12.8 | 12.2 | 12.8 | 11.6 | 11.2 | 10.5 | 10.1 | 9.4  | 9.4  | 8.3  | 9.5  | 9.5  | 10.3 | 8.7  | 8.9  | 9.3  |
| White         | 11.3 | 11.1 | 9.5  | 10.2 | 9.7  | 9.5  | 9.1  | 8.2  | 8.1  | 7.2  | 6.7  | 6.6  | 6.7  | 5.5  | 6.3  | 6.0  | 6.8  | 5.4  | 5.8  | 5.9  |
| Black & Other | 20.6 | 20.2 | 21.4 | 17.9 | 17.5 | 16.2 | 18.2 | 16.9 | 15.9 | 15.5 | 15.4 | 13.8 | 14.1 | 13.0 | 15.0 | 15.4 | 16.4 | 14.2 | 14.5 | 15.4 |

<sup>1</sup>Rates per 1,000 live births

<sup>2</sup>Race of infant (1983-1989); Race of mother (1990-2002)

**Table 1.**  
 Infant Mortality Rates<sup>1</sup> with 95% Confidence Intervals<sup>2</sup>  
 South Carolina, 1983-2002  
 (Residence Data)

| Year | Number of Live Births | Number of Infant Deaths | Infant Mortality Rate | 95% Confidence Intervals |
|------|-----------------------|-------------------------|-----------------------|--------------------------|
| 1983 | 50,731                | 760                     | 15.0                  | (13.9, 16.1)             |
| 1984 | 50,561                | 743                     | 14.7                  | (13.6, 15.8)             |
| 1985 | 51,846                | 735                     | 14.2                  | (13.2, 15.2)             |
| 1986 | 51,726                | 685                     | 13.2                  | (12.2, 14.2)             |
| 1987 | 52,774                | 673                     | 12.8                  | (11.8, 13.8)             |
| 1988 | 55,090                | 673                     | 12.2                  | (11.3, 13.1)             |
| 1989 | 57,239                | 731                     | 12.8                  | (11.9, 13.7)             |
| 1990 | 58,461                | 679                     | 11.6                  | (10.7, 12.5)             |
| 1991 | 57,517                | 644                     | 11.2                  | (10.3, 12.1)             |
| 1992 | 56,102                | 588                     | 10.5                  | (9.7, 11.3)              |
| 1993 | 53,715                | 544                     | 10.1                  | (9.3, 11.0)              |
| 1994 | 51,907                | 486                     | 9.4                   | (8.5, 10.2)              |
| 1995 | 50,913                | 480                     | 9.4                   | (8.6, 10.2)              |
| 1996 | 51,105                | 424                     | 8.3                   | (7.5, 9.1)               |
| 1997 | 52,205                | 494                     | 9.5                   | (8.7, 10.3)              |
| 1998 | 53,833                | 511                     | 9.5                   | (8.7, 10.3)              |
| 1999 | 54,706                | 564                     | 10.3                  | (9.4, 11.2)              |
| 2000 | 55,964                | 488                     | 8.7                   | (7.9, 9.5)               |
| 2001 | 55,748                | 496                     | 8.9                   | (8.1, 9.7)               |
| 2002 | 54,453                | 507                     | 9.3                   | (8.5, 10.1)              |

**Table 2.**  
 Infant Mortality Rates<sup>1</sup> with 95% Confidence Intervals<sup>2</sup>  
 South Carolina  
 1983-1987, 1988-1992, 1993-1997, 1998-2002  
 (Residence Data)

| Years     | Number of Live Births | Number of Infant Deaths | Infant Mortality Rate | 95% Confidence Intervals |
|-----------|-----------------------|-------------------------|-----------------------|--------------------------|
| 1983-1987 | 257,638               | 3,596                   | 14.0                  | (13.5, 14.4)             |
| 1988-1992 | 284,409               | 3,315                   | 11.7                  | (11.3, 12.1)             |
| 1993-1997 | 259,845               | 2,428                   | 9.3                   | (9.0, 9.7)               |
| 1998-2002 | 274,704               | 2,566                   | 9.3                   | (9.0, 9.7)               |

<sup>1</sup>Rates per 1,000 live births

<sup>2</sup>  $r \pm 61.981 (r/n)^{1/2}$ , where r = infant mortality rate and n = number of live births

**Table 3.**

Infant, Neonatal and Postneonatal Mortality and Mortality Rates<sup>1</sup> by Race<sup>2</sup>  
 South Carolina  
 1998, 1999, 2000, 2001 and 2002  
 (Residence Data)

| Infant Mortality |                      |                        |      |                      |                        |      |                      |                        |      |
|------------------|----------------------|------------------------|------|----------------------|------------------------|------|----------------------|------------------------|------|
|                  | Total                |                        |      | White                |                        |      | Black & Other        |                        |      |
| Year             | Number of Live Birth | Number of Infant Death | Rate | Number of Live Birth | Number of Infant Death | Rate | Number of Live Birth | Number of Infant Death | Rate |
| 1998             | 53,833*              | 511                    | 9.5  | 34,065               | 204                    | 6.0  | 19,757               | 307                    | 15.5 |
| 1999             | 54,706*              | 564                    | 10.3 | 34,683               | 236                    | 6.8  | 20,004               | 328                    | 16.4 |
| 2000             | 55,964*              | 488                    | 8.7  | 35,146               | 192                    | 5.5  | 20,803               | 296                    | 14.2 |
| 2001             | 55,748*              | 496                    | 8.9  | 35,731               | 206                    | 5.8  | 20,008               | 290                    | 14.5 |
| 2002             | 54,453*              | 507*                   | 9.3  | 35,152               | 208                    | 5.9  | 19,294               | 298                    | 15.4 |

| Neonatal Mortality (<28 days) |                      |                        |      |                      |                        |      |                      |                        |      |
|-------------------------------|----------------------|------------------------|------|----------------------|------------------------|------|----------------------|------------------------|------|
|                               | Total                |                        |      | White                |                        |      | Black & Other        |                        |      |
| Year                          | Number of Live Birth | Number of Infant Death | Rate | Number of Live Birth | Number of Infant Death | Rate | Number of Live Birth | Number of Infant Death | Rate |
| 1998                          | 53,833*              | 358                    | 6.7  | 34,065               | 132                    | 3.9  | 19,757               | 226                    | 11.4 |
| 1999                          | 54,706*              | 394                    | 7.2  | 34,683               | 154                    | 4.4  | 20,004               | 240                    | 12.0 |
| 2000                          | 55,964*              | 340                    | 6.1  | 35,146               | 135                    | 3.8  | 20,803               | 205                    | 9.9  |
| 2001                          | 55,748*              | 337                    | 6.0  | 35,731               | 135                    | 3.8  | 20,008               | 202                    | 10.1 |
| 2002                          | 54,453*              | 346*                   | 6.4  | 35,152               | 134                    | 3.8  | 19,294               | 211                    | 10.9 |

| Postneonatal Mortality (28-364 days) |                      |                        |      |                      |                        |      |                      |                        |      |
|--------------------------------------|----------------------|------------------------|------|----------------------|------------------------|------|----------------------|------------------------|------|
|                                      | Total                |                        |      | White                |                        |      | Black & Other        |                        |      |
| Year                                 | Number of Live Birth | Number of Infant Death | Rate | Number of Live Birth | Number of Infant Death | Rate | Number of Live Birth | Number of Infant Death | Rate |
| 1998                                 | 53,833*              | 153                    | 2.8  | 34,065               | 72                     | 2.1  | 19,757               | 81                     | 4.1  |
| 1999                                 | 54,706*              | 170                    | 3.1  | 34,683               | 82                     | 2.4  | 20,004               | 88                     | 4.4  |
| 2000                                 | 55,964*              | 148                    | 2.6  | 35,146               | 57                     | 1.6  | 20,803               | 91                     | 4.4  |
| 2001                                 | 55,748*              | 159                    | 2.9  | 35,731               | 71                     | 2.0  | 20,008               | 88                     | 4.4  |
| 2002                                 | 54,453*              | 161                    | 3.0  | 35,152               | 74                     | 2.1  | 19,294               | 87                     | 4.5  |

<sup>1</sup>Rates per 1,000 live births

<sup>2</sup>Race of mother

\* Includes unknown race

**Table 4.**  
**Infant Mortality and Infant Mortality Rates<sup>1</sup>**  
**South Carolina and Each County, 2002, 2000-2002, 1997-1999**  
**(Residence Data)**

| County of Residence   | 2002   |      | 2000-2002 |      | 1997-1999 |      |
|-----------------------|--------|------|-----------|------|-----------|------|
|                       | Number | Rate | Number    | Rate | Number    | Rate |
| <b>South Carolina</b> | 507    | 9.3  | 1,491     | 9.0  | 1,569     | 9.8  |
| Abbeville             | 9      | 28.0 | 16        | 15.5 | 6         | 5.8  |
| Aiken                 | 16     | 8.9  | 56        | 10.1 | 42        | 7.6  |
| Allendale             | 1      | 5.5  | 6         | 11.2 | 5         | 9.9  |
| Anderson              | 19     | 8.9  | 54        | 8.2  | 76        | 11.8 |
| Bamberg               | 2      | 10.7 | 8         | 12.7 | 8         | 12.4 |
| Barnwell              | 1      | 2.9  | 13        | 12.8 | 10        | 9.6  |
| Beaufort              | 9      | 4.6  | 26        | 4.5  | 34        | 6.8  |
| Berkeley              | 17     | 8.1  | 52        | 8.1  | 55        | 8.9  |
| Calhoun               | 1      | 5.6  | 5         | 9.4  | 5         | 9.8  |
| Charleston            | 59     | 13.0 | 135       | 9.9  | 161       | 12.3 |
| Cherokee              | 7      | 9.8  | 28        | 12.8 | 20        | 9.3  |
| Chester               | 8      | 17.6 | 15        | 10.7 | 18        | 12.8 |
| Chesterfield          | 2      | 3.8  | 14        | 8.1  | 18        | 10.6 |
| Clarendon             | 5      | 12.1 | 15        | 11.5 | 18        | 15.2 |
| Colleton              | 4      | 8.1  | 13        | 7.7  | 17        | 10.6 |
| Darlington            | 6      | 6.8  | 32        | 11.5 | 36        | 12.8 |
| Dillon                | 3      | 5.8  | 16        | 10.6 | 8         | 5.7  |
| Dorchester            | 9      | 7.2  | 36        | 9.7  | 34        | 10.0 |
| Edgefield             | 2      | 7.3  | 9         | 10.7 | 17        | 19.8 |
| Fairfield             | 5      | 17.5 | 7         | 7.4  | 14        | 14.6 |
| Florence              | 23     | 12.5 | 71        | 12.6 | 61        | 11.1 |
| Georgetown            | 8      | 11.4 | 29        | 12.7 | 27        | 11.6 |
| Greenville            | 34     | 6.3  | 95        | 5.8  | 105       | 6.8  |
| Greenwood             | 8      | 9.3  | 24        | 8.8  | 37        | 13.2 |
| Hampton               | 1      | 3.6  | 6         | 6.7  | 5         | 5.6  |
| Horry                 | 27     | 10.7 | 72        | 9.4  | 56        | 8.3  |
| Jasper                | 1      | 3.3  | 9         | 9.8  | 5         | 6.0  |
| Kershaw               | 5      | 7.3  | 16        | 7.6  | 15        | 7.3  |
| Lancaster             | 7      | 9.0  | 25        | 10.4 | 21        | 8.8  |
| Laurens               | 12     | 15.0 | 27        | 11.1 | 26        | 10.1 |
| Lee                   | 4      | 16.1 | 11        | 13.8 | 13        | 17.0 |
| Lexington             | 23     | 7.6  | 68        | 7.6  | 69        | 7.7  |
| McCormick             | 1      | 12.8 | 3         | 11.8 | 4         | 15.7 |
| Marion                | 8      | 17.2 | 22        | 14.8 | 22        | 14.9 |
| Marlboro              | 4      | 11.2 | 16        | 13.4 | 13        | 10.1 |
| Newberry              | 5      | 10.6 | 15        | 10.0 | 14        | 9.7  |
| Oconee                | 4      | 5.2  | 15        | 6.4  | 17        | 7.3  |
| Orangeburg            | 7      | 5.8  | 43        | 11.4 | 52        | 13.6 |
| Pickens               | 11     | 8.8  | 25        | 6.3  | 36        | 8.9  |
| Richland              | 40     | 9.1  | 108       | 8.3  | 136       | 10.6 |
| Saluda                | 3      | 12.8 | 8         | 10.6 | 10        | 13.0 |
| Spartanburg           | 32     | 9.3  | 75        | 7.3  | 73        | 7.5  |
| Sumter                | 18     | 11.5 | 47        | 9.5  | 54        | 10.8 |
| Union                 | 4      | 10.4 | 12        | 10.6 | 9         | 7.9  |
| Williamsburg          | 12     | 25.6 | 31        | 20.0 | 20        | 12.9 |
| York                  | 20     | 8.6  | 62        | 8.9  | 66        | 10.4 |

<sup>1</sup>Rates per 1,000 live births. Rates calculated with 20 or fewer deaths are unreliable and should be used cautiously.

**Table 4-A.**  
 White<sup>1</sup> Infant Mortality and Infant Mortality Rates<sup>2</sup>  
 South Carolina and Each County, 2002, 2000-2002, 1997-1999  
 (Residence Data)

| County of Residence   | 2002   |      | 2000-2002 |      | 1997-1999 |      |
|-----------------------|--------|------|-----------|------|-----------|------|
|                       | Number | Rate | Number    | Rate | Number    | Rate |
| <b>South Carolina</b> | 208    | 5.9  | 606       | 5.7  | 647       | 6.4  |
| Abbeville             | 3      | 14.3 | 4         | 5.9  | 3         | 4.4  |
| Aiken                 | 8      | 6.5  | 31        | 8.3  | 17        | 4.5  |
| Allendale             | -      | 0.0  | 2         | 24.4 | -         | 0.0  |
| Anderson              | 9      | 5.3  | 30        | 5.8  | 49        | 9.8  |
| Bamberg               | -      | 0.0  | -         | 0.0  | -         | 0.0  |
| Barnwell              | 1      | 6.3  | 3         | 6.7  | 5         | 10.2 |
| Beaufort              | 3      | 2.1  | 8         | 1.9  | 19        | 5.5  |
| Berkeley              | 9      | 6.1  | 29        | 6.4  | 27        | 6.3  |
| Calhoun               | -      | 0.0  | 1         | 3.9  | 1         | 4.7  |
| Charleston            | 22     | 8.2  | 44        | 5.6  | 49        | 6.6  |
| Cherokee              | 7      | 13.1 | 20        | 12.2 | 11        | 6.8  |
| Chester               | 2      | 8.7  | 4         | 5.6  | 6         | 8.0  |
| Chesterfield          | 1      | 3.3  | 6         | 6.0  | 4         | 4.0  |
| Clarendon             | 2      | 12.3 | 2         | 4.0  | 4         | 8.6  |
| Colleton              | 2      | 7.5  | 3         | 3.4  | 4         | 4.7  |
| Darlington            | 3      | 6.5  | 9         | 6.6  | 10        | 7.7  |
| Dillon                | -      | 0.0  | -         | 0.0  | 3         | 5.1  |
| Dorchester            | 4      | 4.4  | 16        | 6.0  | 16        | 6.6  |
| Edgefield             | 1      | 6.5  | 3         | 6.4  | 3         | 6.6  |
| Fairfield             | -      | 0.0  | 1         | 3.4  | 2         | 6.3  |
| Florence              | 3      | 3.1  | 16        | 5.5  | 18        | 6.2  |
| Georgetown            | 2      | 5.3  | 6         | 4.9  | 10        | 8.5  |
| Greenville            | 18     | 4.4  | 57        | 4.6  | 59        | 5.0  |
| Greenwood             | 1      | 1.8  | 4         | 2.4  | 22        | 12.3 |
| Hampton               | -      | 0.0  | -         | 0.0  | 2         | 6.3  |
| Horry                 | 14     | 7.2  | 29        | 5.0  | 24        | 4.8  |
| Jasper                | -      | 0.0  | 7         | 16.2 | 2         | 5.4  |
| Kershaw               | 3      | 6.1  | 12        | 8.0  | 6         | 4.2  |
| Lancaster             | 5      | 8.9  | 13        | 7.8  | 12        | 7.3  |
| Laurens               | 8      | 14.3 | 17        | 10.0 | 12        | 6.7  |
| Lee                   | -      | 0.0  | 1         | 4.9  | 3         | 16.5 |
| Lexington             | 12     | 4.9  | 45        | 6.3  | 48        | 6.6  |
| McCormick             | -      | 0.0  | -         | 0.0  | -         | 0.0  |
| Marion                | 3      | 19.4 | 6         | 11.0 | 1         | 1.9  |
| Marlboro              | 1      | 8.0  | 4         | 8.5  | 3         | 5.7  |
| Newberry              | 4      | 13.6 | 8         | 8.8  | 5         | 5.9  |
| Oconee                | 4      | 5.7  | 14        | 6.7  | 13        | 6.3  |
| Orangeburg            | -      | 0.0  | 4         | 3.5  | 8         | 6.3  |
| Pickens               | 9      | 8.1  | 23        | 6.4  | 33        | 9.0  |
| Richland              | 5      | 2.5  | 21        | 3.6  | 24        | 4.3  |
| Saluda                | 1      | 5.7  | 1         | 2.0  | 5         | 9.7  |
| Spartanburg           | 16     | 6.2  | 46        | 6.0  | 45        | 6.2  |
| Sumter                | 6      | 7.8  | 14        | 5.9  | 16        | 6.6  |
| Union                 | 2      | 8.0  | 5         | 7.1  | 4         | 5.6  |
| Williamsburg          | 2      | 18.3 | 2         | 5.1  | 2         | 5.1  |
| York                  | 12     | 6.8  | 35        | 6.7  | 37        | 7.8  |

<sup>1</sup>Race of mother

<sup>2</sup>Rates per 1,000 live births. Rates calculated with 20 or fewer deaths are unreliable and should be used cautiously.

**Table 4-B.**  
**Black and Other<sup>1</sup> Infant Mortality and Infant Mortality Rates<sup>2</sup>**  
**South Carolina and Each County, 2002, 2000-2002, 1997-1999**  
**(Residence Data)**

| County of Residence   | 2002   |      | 2000-2002 |      | 1997-1999 |      |
|-----------------------|--------|------|-----------|------|-----------|------|
|                       | Number | Rate | Number    | Rate | Number    | Rate |
| <b>South Carolina</b> | 298    | 15.4 | 884       | 14.7 | 922       | 15.6 |
| Abbeville             | 5      | 45.0 | 11        | 31.6 | 3         | 8.6  |
| Aiken                 | 8      | 14.2 | 25        | 14.0 | 25        | 14.5 |
| Allendale             | 1      | 6.6  | 4         | 8.8  | 5         | 12.0 |
| Anderson              | 10     | 22.8 | 24        | 16.6 | 27        | 18.9 |
| Bamberg               | 2      | 16.4 | 8         | 19.0 | 8         | 18.7 |
| Barnwell              | -      | 0.0  | 10        | 17.6 | 5         | 9.1  |
| Beaufort              | 6      | 11.4 | 18        | 11.1 | 15        | 9.5  |
| Berkeley              | 8      | 12.6 | 23        | 12.1 | 28        | 15.1 |
| Calhoun               | 1      | 11.2 | 4         | 14.4 | 4         | 13.5 |
| Charleston            | 37     | 20.0 | 91        | 15.7 | 112       | 19.9 |
| Cherokee              | -      | 0.0  | 8         | 14.3 | 9         | 16.7 |
| Chester               | 6      | 26.7 | 11        | 16.0 | 12        | 18.4 |
| Chesterfield          | 1      | 4.5  | 8         | 11.1 | 14        | 20.2 |
| Clarendon             | 3      | 12.0 | 13        | 16.2 | 14        | 19.3 |
| Colleton              | 2      | 8.7  | 10        | 12.3 | 13        | 17.2 |
| Darlington            | 3      | 7.1  | 23        | 16.2 | 26        | 17.2 |
| Dillon                | 3      | 10.1 | 16        | 19.3 | 5         | 6.0  |
| Dorchester            | 5      | 14.6 | 20        | 18.9 | 18        | 18.5 |
| Edgefield             | 1      | 8.3  | 6         | 16.3 | 14        | 34.5 |
| Fairfield             | 5      | 25.4 | 6         | 9.2  | 12        | 18.8 |
| Florence              | 20     | 22.5 | 55        | 20.3 | 43        | 16.8 |
| Georgetown            | 6      | 18.7 | 23        | 21.7 | 17        | 14.7 |
| Greenville            | 16     | 12.5 | 38        | 10.0 | 46        | 12.9 |
| Greenwood             | 7      | 22.8 | 20        | 19.3 | 15        | 14.6 |
| Hampton               | 1      | 6.4  | 6         | 11.4 | 3         | 5.2  |
| Horry                 | 13     | 22.3 | 43        | 22.8 | 32        | 19.0 |
| Jasper                | 1      | 6.2  | 2         | 4.1  | 3         | 6.5  |
| Kershaw               | 2      | 10.1 | 4         | 6.6  | 9         | 13.9 |
| Lancaster             | 2      | 9.3  | 12        | 16.3 | 9         | 12.3 |
| Laurens               | 4      | 16.8 | 10        | 13.9 | 14        | 17.8 |
| Lee                   | 4      | 23.4 | 10        | 16.8 | 10        | 17.1 |
| Lexington             | 11     | 18.7 | 23        | 13.0 | 21        | 12.3 |
| McCormick             | 1      | 19.2 | 3         | 18.4 | 4         | 24.0 |
| Marion                | 5      | 16.2 | 16        | 17.0 | 21        | 21.9 |
| Marlboro              | 3      | 13.0 | 12        | 16.6 | 10        | 13.1 |
| Newberry              | 1      | 5.6  | 7         | 11.9 | 9         | 15.2 |
| Oconee                | -      | 0.0  | 1         | 4.1  | 4         | 14.2 |
| Orangeburg            | 7      | 8.3  | 39        | 14.8 | 44        | 17.2 |
| Pickens               | 2      | 14.3 | 2         | 5.8  | 3         | 8.6  |
| Richland              | 35     | 14.5 | 87        | 12.0 | 112       | 15.5 |
| Saluda                | 2      | 33.3 | 7         | 28.3 | 5         | 19.6 |
| Spartanburg           | 16     | 18.5 | 29        | 11.2 | 28        | 11.0 |
| Sumter                | 12     | 15.0 | 33        | 13.0 | 38        | 14.6 |
| Union                 | 2      | 14.9 | 7         | 16.6 | 5         | 11.4 |
| Williamsburg          | 10     | 27.9 | 29        | 25.0 | 18        | 15.6 |
| York                  | 8      | 14.1 | 27        | 15.3 | 29        | 18.2 |

<sup>1</sup>Race of mother

<sup>2</sup>Rates per 1,000 live births. Rates calculated with 20 or fewer deaths are unreliable and should be used cautiously.



**Table 5.**

Infant, Neonatal and Postneonatal Mortality Rates<sup>1</sup> by Race<sup>2</sup>  
and Percent Changes from 2001 to 2002

South Carolina  
(Residence Data)

| <b>Infant Mortality</b> |       |       |               |
|-------------------------|-------|-------|---------------|
| Year                    | Total | White | Black & Other |
| 2001                    | 8.9   | 5.8   | 14.5          |
| 2002                    | 9.3   | 5.9   | 15.4          |
| <b>Percent Change</b>   | 4.5%  | 1.7%  | 6.2%          |

| <b>Neonatal Mortality</b> |       |       |               |
|---------------------------|-------|-------|---------------|
| Year                      | Total | White | Black & Other |
| 2001                      | 6.0   | 3.8   | 10.1          |
| 2002                      | 6.4   | 3.8   | 10.9          |
| <b>Percent Change</b>     | 6.7%  | 0.0%  | 7.9%          |

| <b>Postneonatal Mortality</b> |       |       |               |
|-------------------------------|-------|-------|---------------|
| Year                          | Total | White | Black & Other |
| 2001                          | 2.9   | 2.0   | 4.4           |
| 2002                          | 3.0   | 2.1   | 4.5           |
| <b>Percent Change</b>         | 3.4%  | 5.0%  | 2.3%          |

<sup>1</sup>Rates per 1,000 live births

<sup>2</sup>Race of mother

**Table 6.**  
**Neonatal Mortality and Neonatal Mortality Rates<sup>1</sup>**  
**South Carolina and Each County, 2002, 2000-2002, 1997-1999**  
**(Residence Data)**

| County of Residence   | 2002   |      | 2000-2002 |      | 1997-1999 |      |
|-----------------------|--------|------|-----------|------|-----------|------|
|                       | Number | Rate | Number    | Rate | Number    | Rate |
| <b>South Carolina</b> | 346    | 6.4  | 1,023     | 6.2  | 1,104     | 6.9  |
| Abbeville             | 8      | 24.8 | 14        | 13.6 | 4         | 3.9  |
| Aiken                 | 11     | 6.1  | 38        | 6.9  | 19        | 3.5  |
| Allendale             | 1      | 5.5  | 3         | 5.6  | 3         | 5.9  |
| Anderson              | 14     | 6.5  | 38        | 5.8  | 53        | 8.2  |
| Bamberg               | 1      | 5.3  | 6         | 9.5  | 3         | 4.6  |
| Barnwell              | 1      | 2.9  | 9         | 8.9  | 4         | 3.9  |
| Beaufort              | 6      | 3.0  | 16        | 2.8  | 24        | 4.8  |
| Berkeley              | 14     | 6.7  | 39        | 6.1  | 43        | 7.0  |
| Calhoun               | 1      | 5.6  | 5         | 9.4  | 4         | 7.9  |
| Charleston            | 46     | 10.1 | 108       | 7.9  | 121       | 9.3  |
| Cherokee              | 4      | 5.6  | 11        | 5.0  | 12        | 5.6  |
| Chester               | 5      | 11.0 | 9         | 6.4  | 11        | 7.8  |
| Chesterfield          | 1      | 1.9  | 11        | 6.4  | 13        | 7.7  |
| Clarendon             | 2      | 4.9  | 9         | 6.9  | 15        | 12.6 |
| Colleton              | 4      | 8.1  | 11        | 6.5  | 13        | 8.1  |
| Darlington            | 6      | 6.8  | 27        | 9.7  | 26        | 9.2  |
| Dillon                | 2      | 3.9  | 10        | 6.6  | 5         | 3.5  |
| Dorchester            | 4      | 3.2  | 22        | 5.9  | 24        | 7.0  |
| Edgefield             | 2      | 7.3  | 7         | 8.3  | 15        | 17.4 |
| Fairfield             | 4      | 14.0 | 5         | 5.3  | 12        | 12.5 |
| Florence              | 12     | 6.5  | 46        | 8.2  | 44        | 8.0  |
| Georgetown            | 7      | 10.0 | 23        | 10.1 | 17        | 7.3  |
| Greenville            | 26     | 4.8  | 65        | 4.0  | 74        | 4.8  |
| Greenwood             | 7      | 8.2  | 21        | 7.7  | 30        | 10.7 |
| Hampton               | 1      | 3.6  | 4         | 4.5  | 3         | 3.4  |
| Horry                 | 18     | 7.1  | 49        | 6.4  | 35        | 5.2  |
| Jasper                | -      | 0.0  | 6         | 6.5  | 3         | 3.6  |
| Kershaw               | 4      | 5.8  | 14        | 6.6  | 11        | 5.3  |
| Lancaster             | 5      | 6.4  | 17        | 7.0  | 17        | 7.2  |
| Laurens               | 6      | 7.5  | 14        | 5.8  | 19        | 7.4  |
| Lee                   | 4      | 16.1 | 11        | 13.8 | 9         | 11.7 |
| Lexington             | 14     | 4.6  | 44        | 4.9  | 51        | 5.7  |
| McCormick             | 1      | 12.8 | 2         | 7.9  | 3         | 11.8 |
| Marion                | 6      | 12.9 | 15        | 10.1 | 16        | 10.8 |
| Marlboro              | 2      | 5.6  | 10        | 8.4  | 9         | 7.0  |
| Newberry              | 4      | 8.5  | 12        | 8.0  | 9         | 6.2  |
| Oconee                | 2      | 2.6  | 9         | 3.9  | 15        | 6.4  |
| Orangeburg            | 4      | 3.3  | 31        | 8.2  | 39        | 10.2 |
| Pickens               | 9      | 7.2  | 14        | 3.6  | 23        | 5.7  |
| Richland              | 23     | 5.3  | 64        | 4.9  | 93        | 7.3  |
| Saluda                | 3      | 12.8 | 5         | 6.6  | 9         | 11.7 |
| Spartanburg           | 15     | 4.4  | 39        | 3.8  | 43        | 4.4  |
| Sumter                | 9      | 5.7  | 32        | 6.5  | 36        | 7.2  |
| Union                 | 1      | 2.6  | 8         | 7.1  | 6         | 5.2  |
| Williamsburg          | 9      | 19.2 | 23        | 14.8 | 14        | 9.1  |
| York                  | 17     | 7.3  | 47        | 6.7  | 51        | 8.0  |

<sup>1</sup>Rates per 1,000 live births. Rates calculated with 20 or fewer deaths are unreliable and should be used cautiously.

**Table 6-A.**  
**White<sup>1</sup> Neonatal Mortality and Neonatal Mortality Rates<sup>2</sup>**  
**South Carolina and Each County, 2002, 2000-2002, 1997-1999**  
**(Residence Data)**

| County of Residence   | 2002   |      | 2000-2002 |      | 1997-1999 |      |
|-----------------------|--------|------|-----------|------|-----------|------|
|                       | Number | Rate | Number    | Rate | Number    | Rate |
| <b>South Carolina</b> | 134    | 3.8  | 404       | 3.8  | 435       | 4.3  |
| Abbeville             | 2      | 9.5  | 3         | 4.4  | 2         | 2.9  |
| Aiken                 | 4      | 3.2  | 22        | 5.9  | 7         | 1.9  |
| Allendale             | -      | 0.0  | 2         | 24.4 | -         | 0.0  |
| Anderson              | 5      | 2.9  | 19        | 3.7  | 36        | 7.2  |
| Bamberg               | -      | 0.0  | -         | 0.0  | -         | 0.0  |
| Barnwell              | 1      | 6.3  | 2         | 4.5  | 2         | 4.1  |
| Beaufort              | 2      | 1.4  | 4         | 1.0  | 14        | 4.1  |
| Berkeley              | 7      | 4.8  | 20        | 4.4  | 20        | 4.6  |
| Calhoun               | -      | 0.0  | 1         | 3.9  | -         | 0.0  |
| Charleston            | 20     | 7.4  | 38        | 4.8  | 32        | 4.3  |
| Cherokee              | 4      | 7.5  | 8         | 4.9  | 8         | 5.0  |
| Chester               | 1      | 4.3  | 2         | 2.8  | 4         | 5.3  |
| Chesterfield          | -      | 0.0  | 4         | 4.0  | 2         | 2.0  |
| Clarendon             | 1      | 6.1  | 1         | 2.0  | 2         | 4.3  |
| Colleton              | 2      | 7.5  | 3         | 3.4  | 2         | 2.4  |
| Darlington            | 3      | 6.5  | 9         | 6.6  | 7         | 5.4  |
| Dillon                | -      | 0.0  | -         | 0.0  | 1         | 1.7  |
| Dorchester            | 1      | 1.1  | 10        | 3.8  | 9         | 3.7  |
| Edgefield             | 1      | 6.5  | 1         | 2.1  | 2         | 4.4  |
| Fairfield             | -      | 0.0  | 1         | 3.4  | 2         | 6.3  |
| Florence              | 1      | 1.0  | 10        | 3.4  | 12        | 4.1  |
| Georgetown            | 1      | 2.6  | 3         | 2.5  | 4         | 3.4  |
| Greenville            | 12     | 2.9  | 36        | 2.9  | 39        | 3.3  |
| Greenwood             | 1      | 1.8  | 4         | 2.4  | 16        | 9.0  |
| Hampton               | -      | 0.0  | -         | 0.0  | -         | 0.0  |
| Horry                 | 8      | 4.1  | 17        | 2.9  | 17        | 3.4  |
| Jasper                | -      | 0.0  | 5         | 11.6 | 2         | 5.4  |
| Kershaw               | 2      | 4.1  | 10        | 6.7  | 3         | 2.1  |
| Lancaster             | 3      | 5.3  | 11        | 6.6  | 11        | 6.7  |
| Laurens               | 4      | 7.1  | 10        | 5.9  | 6         | 3.4  |
| Lee                   | -      | 0.0  | 1         | 4.9  | 3         | 16.5 |
| Lexington             | 9      | 3.7  | 32        | 4.4  | 34        | 4.7  |
| McCormick             | -      | 0.0  | -         | 0.0  | -         | 0.0  |
| Marion                | 3      | 19.4 | 4         | 7.3  | 1         | 1.9  |
| Marlboro              | -      | 0.0  | 1         | 2.1  | 2         | 3.8  |
| Newberry              | 3      | 10.2 | 6         | 6.6  | 4         | 4.7  |
| Oconee                | 2      | 2.8  | 9         | 4.3  | 12        | 5.8  |
| Orangeburg            | -      | 0.0  | 3         | 2.6  | 5         | 3.9  |
| Pickens               | 7      | 6.3  | 12        | 3.3  | 22        | 6.0  |
| Richland              | 5      | 2.5  | 18        | 3.1  | 17        | 3.1  |
| Saluda                | 1      | 5.7  | 1         | 2.0  | 5         | 9.7  |
| Spartanburg           | 6      | 2.3  | 25        | 3.3  | 27        | 3.7  |
| Sumter                | 2      | 2.6  | 8         | 3.4  | 11        | 4.6  |
| Union                 | -      | 0.0  | 2         | 2.8  | 2         | 2.8  |
| Williamsburg          | 1      | 9.2  | 1         | 2.6  | 2         | 5.1  |
| York                  | 9      | 5.1  | 25        | 4.8  | 26        | 5.5  |

<sup>1</sup>Race of mother

<sup>2</sup>Rates per 1,000 live births. Rates calculated with 20 or fewer deaths are unreliable and should be used cautiously.

**Table 6-B.**  
**Black and Other<sup>1</sup> Neonatal Mortality and Neonatal Mortality Rates<sup>2</sup>**  
**South Carolina and Each County, 2002, 2000-2002, 1997-1999**  
**(Residence Data)**

| County of Residence   | 2002   |      | 2000-2002 |      | 1997-1999 |      |
|-----------------------|--------|------|-----------|------|-----------|------|
|                       | Number | Rate | Number    | Rate | Number    | Rate |
| <b>South Carolina</b> | 211    | 10.9 | 618       | 10.3 | 669       | 11.3 |
| Abbeville             | 5      | 45.0 | 10        | 28.7 | 2         | 5.7  |
| Aiken                 | 7      | 12.4 | 16        | 8.9  | 12        | 6.9  |
| Allendale             | 1      | 6.6  | 1         | 2.2  | 3         | 7.2  |
| Anderson              | 9      | 20.5 | 19        | 13.2 | 17        | 11.9 |
| Bamberg               | 1      | 8.2  | 6         | 14.3 | 3         | 7.0  |
| Barnwell              | -      | 0.0  | 7         | 12.3 | 2         | 3.6  |
| Beaufort              | 4      | 7.6  | 12        | 7.4  | 10        | 6.3  |
| Berkeley              | 7      | 11.1 | 19        | 10.0 | 23        | 12.4 |
| Calhoun               | 1      | 11.2 | 4         | 14.4 | 4         | 13.5 |
| Charleston            | 26     | 14.1 | 70        | 12.1 | 89        | 15.8 |
| Cherokee              | -      | 0.0  | 3         | 5.4  | 4         | 7.4  |
| Chester               | 4      | 17.8 | 7         | 10.2 | 7         | 10.7 |
| Chesterfield          | 1      | 4.5  | 7         | 9.7  | 11        | 15.9 |
| Clarendon             | 1      | 4.0  | 8         | 10.0 | 13        | 18.0 |
| Colleton              | 2      | 8.7  | 8         | 9.8  | 11        | 14.5 |
| Darlington            | 3      | 7.1  | 18        | 12.7 | 19        | 12.6 |
| Dillon                | 2      | 6.7  | 10        | 12.0 | 4         | 4.8  |
| Dorchester            | 3      | 8.8  | 12        | 11.3 | 15        | 15.4 |
| Edgefield             | 1      | 8.3  | 6         | 16.3 | 13        | 32.0 |
| Fairfield             | 4      | 20.3 | 4         | 6.1  | 10        | 15.7 |
| Florence              | 11     | 12.4 | 36        | 13.3 | 32        | 12.5 |
| Georgetown            | 6      | 18.7 | 20        | 18.9 | 13        | 11.3 |
| Greenville            | 14     | 10.9 | 29        | 7.6  | 35        | 9.8  |
| Greenwood             | 6      | 19.5 | 17        | 16.4 | 14        | 13.6 |
| Hampton               | 1      | 6.4  | 4         | 7.6  | 3         | 5.2  |
| Horry                 | 10     | 17.1 | 32        | 16.9 | 18        | 10.7 |
| Jasper                | -      | 0.0  | 1         | 2.0  | 1         | 2.2  |
| Kershaw               | 2      | 10.1 | 4         | 6.6  | 8         | 12.4 |
| Lancaster             | 2      | 9.3  | 6         | 8.2  | 6         | 8.2  |
| Laurens               | 2      | 8.4  | 4         | 5.6  | 13        | 16.5 |
| Lee                   | 4      | 23.4 | 10        | 16.8 | 6         | 10.3 |
| Lexington             | 5      | 8.5  | 12        | 6.8  | 17        | 10.0 |
| McCormick             | 1      | 19.2 | 2         | 12.3 | 3         | 18.0 |
| Marion                | 3      | 9.7  | 11        | 11.7 | 15        | 15.6 |
| Marlboro              | 2      | 8.7  | 9         | 12.5 | 7         | 9.2  |
| Newberry              | 1      | 5.6  | 6         | 10.2 | 5         | 8.5  |
| Oconee                | -      | 0.0  | -         | 0.0  | 3         | 10.6 |
| Orangeburg            | 4      | 4.7  | 28        | 10.6 | 34        | 13.3 |
| Pickens               | 2      | 14.3 | 2         | 5.8  | 1         | 2.9  |
| Richland              | 18     | 7.5  | 46        | 6.3  | 76        | 10.5 |
| Saluda                | 2      | 33.3 | 4         | 16.2 | 4         | 15.7 |
| Spartanburg           | 9      | 10.4 | 14        | 5.4  | 16        | 6.3  |
| Sumter                | 7      | 8.8  | 24        | 9.4  | 25        | 9.6  |
| Union                 | 1      | 7.5  | 6         | 14.2 | 4         | 9.2  |
| Williamsburg          | 8      | 22.3 | 22        | 19.0 | 12        | 10.4 |
| York                  | 8      | 14.1 | 22        | 12.5 | 25        | 15.7 |

<sup>1</sup>Race of mother

<sup>2</sup>Rates per 1,000 live births. Rates calculated with 20 or fewer deaths are unreliable and should be used cautiously.

**Table 7.**  
**Postneonatal Mortality and Postneonatal Mortality Rates<sup>1</sup>**  
**South Carolina and Each County, 2002, 2000-2002, 1997-1999**  
**(Residence Data)**

| County of Residence   | 2002   |      | 2000-2002 |      | 1997-1999 |      |
|-----------------------|--------|------|-----------|------|-----------|------|
|                       | Number | Rate | Number    | Rate | Number    | Rate |
| <b>South Carolina</b> | 161    | 3.0  | 468       | 2.8  | 465       | 2.9  |
| Abbeville             | 1      | 3.1  | 2         | 1.9  | 2         | 1.9  |
| Aiken                 | 5      | 2.8  | 18        | 3.2  | 23        | 4.2  |
| Allendale             | -      | 0.0  | 3         | 0.0  | 2         | 4.0  |
| Anderson              | 5      | 2.3  | 16        | 2.4  | 23        | 3.6  |
| Bamberg               | 1      | 5.3  | 2         | 3.2  | 5         | 7.7  |
| Barnwell              | -      | 0.0  | 4         | 3.9  | 6         | 5.8  |
| Beaufort              | 3      | 1.5  | 10        | 1.7  | 10        | 2.0  |
| Berkeley              | 3      | 1.4  | 13        | 2.0  | 12        | 1.9  |
| Calhoun               | 0      | 0.0  | -         | 0.0  | 1         | 2.0  |
| Charleston            | 13     | 2.9  | 27        | 2.0  | 40        | 3.1  |
| Cherokee              | 3      | 4.2  | 17        | 7.8  | 8         | 3.7  |
| Chester               | 3      | 6.6  | 6         | 4.3  | 7         | 5.0  |
| Chesterfield          | 1      | 1.9  | 3         | 1.7  | 5         | 2.9  |
| Clarendon             | 3      | 7.3  | 6         | 4.6  | 3         | 2.5  |
| Colleton              | -      | 0.0  | 2         | 1.2  | 4         | 2.5  |
| Darlington            | -      | 0.0  | 5         | 1.8  | 10        | 3.6  |
| Dillon                | 1      | 1.9  | 6         | 4.0  | 3         | 2.1  |
| Dorchester            | 5      | 4.0  | 14        | 3.8  | 10        | 2.9  |
| Edgefield             | -      | 0.0  | 2         | 2.4  | 2         | 2.3  |
| Fairfield             | 1      | 3.5  | 2         | 2.1  | 2         | 2.1  |
| Florence              | 11     | 6.0  | 25        | 4.5  | 17        | 3.1  |
| Georgetown            | 1      | 1.4  | 6         | 2.6  | 10        | 4.3  |
| Greenville            | 8      | 1.5  | 30        | 1.8  | 31        | 2.0  |
| Greenwood             | 1      | 1.2  | 3         | 1.1  | 7         | 2.5  |
| Hampton               | -      | 0.0  | 2         | 2.2  | 2         | 2.2  |
| Horry                 | 9      | 3.6  | 23        | 3.0  | 21        | 3.1  |
| Jasper                | 1      | 3.3  | 3         | 3.3  | 2         | 2.4  |
| Kershaw               | 1      | 1.5  | 2         | 0.9  | 4         | 1.9  |
| Lancaster             | 2      | 2.6  | 8         | 3.3  | 4         | 1.7  |
| Laurens               | 6      | 7.5  | 13        | 5.4  | 7         | 2.7  |
| Lee                   | -      | 0.0  | -         | 0.0  | 4         | 5.2  |
| Lexington             | 9      | 3.0  | 24        | 2.7  | 18        | 2.0  |
| McCormick             | -      | 0.0  | 1         | 3.9  | 1         | 3.9  |
| Marion                | 2      | 4.3  | 7         | 4.7  | 6         | 4.1  |
| Marlboro              | 2      | 5.6  | 6         | 5.0  | 4         | 3.1  |
| Newberry              | 1      | 2.1  | 3         | 2.0  | 5         | 3.5  |
| Oconee                | 2      | 2.6  | 6         | 2.6  | 2         | 0.9  |
| Orangeburg            | 3      | 2.5  | 12        | 3.2  | 13        | 3.4  |
| Pickens               | 2      | 1.6  | 11        | 2.8  | 13        | 3.2  |
| Richland              | 17     | 3.9  | 44        | 3.4  | 43        | 3.4  |
| Saluda                | -      | 0.0  | 3         | 4.0  | 1         | 1.3  |
| Spartanburg           | 17     | 5.0  | 36        | 3.5  | 30        | 3.1  |
| Sumter                | 9      | 5.7  | 15        | 3.0  | 18        | 3.6  |
| Union                 | 3      | 7.8  | 4         | 3.5  | 3         | 2.6  |
| Williamsburg          | 3      | 6.4  | 8         | 5.2  | 6         | 3.9  |
| York                  | 3      | 1.3  | 15        | 2.2  | 15        | 2.4  |

<sup>1</sup>Rates per 1,000 live births. Rates calculated with 20 or fewer deaths are unreliable and should be used cautiously.

**Table 7-A.**

White<sup>1</sup> Postneonatal Mortality and Postneonatal Mortality Rates<sup>2</sup>  
 South Carolina and Each County, 2002, 2000-2002, 1997-1999  
 (Residence Data)

| County of Residence   | 2002   |      | 2000-2002 |      | 1997-1999 |      |
|-----------------------|--------|------|-----------|------|-----------|------|
|                       | Number | Rate | Number    | Rate | Number    | Rate |
| <b>South Carolina</b> | 74     | 2.1  | 202       | 1.9  | 212       | 2.1  |
| Abbeville             | 1      | 4.8  | 1         | 1.5  | 1         | 1.5  |
| Aiken                 | 4      | 3.2  | 9         | 2.4  | 10        | 2.7  |
| Allendale             | -      | 0.0  | -         | 0.0  | -         | 0.0  |
| Anderson              | 4      | 2.3  | 11        | 2.1  | 13        | 2.6  |
| Bamberg               | -      | 0.0  | -         | 0.0  | -         | 0.0  |
| Barnwell              | -      | 0.0  | 1         | 2.2  | 3         | 6.1  |
| Beaufort              | 1      | 0.7  | 4         | 1.0  | 5         | 1.5  |
| Berkeley              | 2      | 1.4  | 9         | 2.0  | 7         | 1.6  |
| Calhoun               | -      | 0.0  | -         | 0.0  | 1         | 4.7  |
| Charleston            | 2      | 0.7  | 6         | 0.8  | 17        | 2.3  |
| Cherokee              | 3      | 5.6  | 12        | 7.3  | 3         | 1.9  |
| Chester               | 1      | 4.3  | 2         | 2.8  | 2         | 2.7  |
| Chesterfield          | 1      | 3.3  | 2         | 2.0  | 2         | 2.0  |
| Clarendon             | 1      | 6.1  | 1         | 2.0  | 2         | 4.3  |
| Colleton              | -      | 0.0  | -         | 0.0  | 2         | 2.4  |
| Darlington            | -      | 0.0  | -         | 0.0  | 3         | 2.3  |
| Dillon                | -      | 0.0  | -         | 0.0  | 2         | 3.4  |
| Dorchester            | 3      | 3.3  | 6         | 2.3  | 7         | 2.9  |
| Edgefield             | -      | 0.0  | 2         | 4.2  | 1         | 2.2  |
| Fairfield             | -      | 0.0  | -         | 0.0  | -         | 0.0  |
| Florence              | 2      | 2.1  | 6         | 2.1  | 6         | 2.1  |
| Georgetown            | 1      | 2.6  | 3         | 2.5  | 6         | 5.1  |
| Greenville            | 6      | 1.5  | 21        | 1.7  | 20        | 1.7  |
| Greenwood             | -      | 0.0  | -         | 0.0  | 6         | 3.4  |
| Hampton               | -      | 0.0  | -         | 0.0  | 2         | 6.3  |
| Horry                 | 6      | 3.1  | 12        | 2.1  | 7         | 1.4  |
| Jasper                | -      | 0.0  | 2         | 4.6  | -         | 0.0  |
| Kershaw               | 1      | 2.0  | 2         | 1.3  | 3         | 2.1  |
| Lancaster             | 2      | 3.6  | 2         | 1.2  | 1         | 0.6  |
| Laurens               | 4      | 7.1  | 7         | 4.1  | 6         | 3.4  |
| Lee                   | -      | 0.0  | -         | 0.0  | -         | 0.0  |
| Lexington             | 3      | 1.2  | 13        | 1.8  | 14        | 1.9  |
| McCormick             | -      | 0.0  | -         | 0.0  | -         | 0.0  |
| Marion                | -      | 0.0  | 2         | 3.7  | -         | 0.0  |
| Marlboro              | 1      | 8.0  | 3         | 6.4  | 1         | 1.9  |
| Newberry              | 1      | 3.4  | 2         | 2.2  | 1         | 1.2  |
| Oconee                | 2      | 2.8  | 5         | 2.4  | 1         | 0.5  |
| Orangeburg            | -      | 0.0  | 1         | 0.9  | 3         | 2.4  |
| Pickens               | 2      | 1.8  | 11        | 3.1  | 11        | 3.0  |
| Richland              | -      | 0.0  | 3         | 0.5  | 7         | 1.3  |
| Saluda                | -      | 0.0  | -         | 0.0  | -         | 0.0  |
| Spartanburg           | 10     | 3.9  | 21        | 2.8  | 18        | 2.5  |
| Sumter                | 4      | 5.2  | 6         | 2.5  | 5         | 2.1  |
| Union                 | 2      | 8.0  | 3         | 4.3  | 2         | 2.8  |
| Williamsburg          | 1      | 9.2  | 1         | 2.6  | -         | 0.0  |
| York                  | 3      | 1.7  | 10        | 1.9  | 11        | 2.3  |

<sup>1</sup>Race of mother

<sup>2</sup>Rates per 1,000 live births. Rates calculated with 20 or fewer deaths are unreliable and should be used cautiously.

**Table 7-B.**

Black and Other<sup>1</sup> Postneonatal Mortality and Postneonatal Mortality Rates<sup>2</sup>  
 South Carolina and Each County, 2002, 2000-2002, 1997-1999  
 (Residence Data)

| County of Residence   | 2002   |      | 2000-2002 |      | 1997-1999 |      |
|-----------------------|--------|------|-----------|------|-----------|------|
|                       | Number | Rate | Number    | Rate | Number    | Rate |
| <b>South Carolina</b> | 87     | 4.5  | 266       | 4.4  | 253       | 4.3  |
| Abbeville             | -      | 0.0  | 1         | 2.9  | 1         | 2.9  |
| Aiken                 | 1      | 1.8  | 9         | 5.0  | 13        | 7.5  |
| Allendale             | -      | 0.0  | 3         | 6.6  | 2         | 4.8  |
| Anderson              | 1      | 2.3  | 5         | 3.5  | 10        | 7.0  |
| Bamberg               | 1      | 8.2  | 2         | 4.8  | 5         | 11.7 |
| Barnwell              | -      | 0.0  | 3         | 5.3  | 3         | 5.5  |
| Beaufort              | 2      | 3.8  | 6         | 3.7  | 5         | 3.2  |
| Berkeley              | 1      | 1.6  | 4         | 2.1  | 5         | 2.7  |
| Calhoun               | -      | 0.0  | -         | 0.0  | -         | 0.0  |
| Charleston            | 11     | 6.0  | 21        | 3.6  | 23        | 4.1  |
| Cherokee              | -      | 0.0  | 5         | 9.0  | 5         | 9.3  |
| Chester               | 2      | 8.9  | 4         | 5.8  | 5         | 7.7  |
| Chesterfield          | -      | 0.0  | 1         | 1.4  | 3         | 4.3  |
| Clarendon             | 2      | 8.0  | 5         | 6.2  | 1         | 1.4  |
| Colleton              | -      | 0.0  | 2         | 2.5  | 2         | 2.6  |
| Darlington            | -      | 0.0  | 5         | 3.5  | 7         | 4.6  |
| Dillon                | 1      | 3.4  | 6         | 7.2  | 1         | 1.2  |
| Dorchester            | 2      | 5.8  | 8         | 7.5  | 3         | 3.1  |
| Edgefield             | -      | 0.0  | -         | 0.0  | 1         | 2.5  |
| Fairfield             | 1      | 5.1  | 2         | 3.1  | 2         | 3.1  |
| Florence              | 9      | 10.1 | 19        | 7.0  | 11        | 4.3  |
| Georgetown            | -      | 0.0  | 3         | 2.8  | 4         | 3.5  |
| Greenville            | 2      | 1.6  | 9         | 2.4  | 11        | 3.1  |
| Greenwood             | 1      | 3.3  | 3         | 2.9  | 1         | 1.0  |
| Hampton               | -      | 0.0  | 2         | 3.8  | -         | 0.0  |
| Horry                 | 3      | 5.1  | 11        | 5.8  | 14        | 8.3  |
| Jasper                | 1      | 6.2  | 1         | 2.0  | 2         | 4.3  |
| Kershaw               | -      | 0.0  | -         | 0.0  | 1         | 1.5  |
| Lancaster             | -      | 0.0  | 6         | 8.2  | 3         | 4.1  |
| Laurens               | 2      | 8.4  | 6         | 8.3  | 1         | 1.3  |
| Lee                   | -      | 0.0  | -         | 0.0  | 4         | 6.8  |
| Lexington             | 6      | 10.2 | 11        | 6.2  | 4         | 2.3  |
| McCormick             | -      | 0.0  | 1         | 6.1  | 1         | 6.0  |
| Marion                | 2      | 6.5  | 5         | 5.3  | 6         | 6.3  |
| Marlboro              | 1      | 4.3  | 3         | 4.2  | 3         | 3.9  |
| Newberry              | -      | 0.0  | 1         | 1.7  | 4         | 6.8  |
| Oconee                | -      | 0.0  | 1         | 4.1  | 1         | 3.5  |
| Orangeburg            | 3      | 3.5  | 11        | 4.2  | 10        | 3.9  |
| Pickens               | -      | 0.0  | -         | 0.0  | 2         | 5.7  |
| Richland              | 17     | 7.1  | 41        | 5.6  | 36        | 5.0  |
| Saluda                | -      | 0.0  | 3         | 12.1 | 1         | 3.9  |
| Spartanburg           | 7      | 8.1  | 15        | 5.8  | 12        | 4.7  |
| Sumter                | 5      | 6.3  | 9         | 3.5  | 13        | 5.0  |
| Union                 | 1      | 7.5  | 1         | 2.4  | 1         | 2.3  |
| Williamsburg          | 2      | 5.6  | 7         | 6.0  | 6         | 5.2  |
| York                  | -      | 0.0  | 5         | 2.8  | 4         | 2.5  |

<sup>1</sup>Race of mother<sup>2</sup>Rates per 1,000 live births. Rates calculated with 20 or fewer deaths are unreliable and should be used cautiously.

**Table 8.**  
**Leading Causes of Infant Death by Age at Death**  
**South Carolina, 2002**  
**(Residence Data)**

| Causes of Death (ICD-10 Codes)  | Total | Under 1<br>Day | 1-6<br>Days | 7-27<br>Days | 28-364<br>Days |
|---|-------|----------------|-------------|--------------|----------------|
| <b>Total Infant Deaths</b>  | 507   | 215            | 66          | 65           | 161            |
| Congenital malformations, deformations, etc. (Q00-Q99)                  | 77    | 30             | 19          | 9            | 19             |
| Disorders relating to short gestation and low birthweight, NEC (P07)    | 72    | 62             | 9           | 0            | 1              |
| Fetus and newborn affected by maternal complications of pregnancy (P01) | 47    | 45             | 2           | 0            | 0              |
| Sudden infant death syndrome (R95)                                      | 37    | 0              | 1           | 3            | 33             |
| Respiratory distress of newborn (P22)                                   | 24    | 11             | 4           | 4            | 5              |
| Newborn affected by complication of placenta, ect. (P02)                | 20    | 16             | 3           | 1            | 0              |
| Bacterial sepsis of newborn (P36)                                       | 19    | 3              | 5           | 11           | 0              |
| Accidents (V01-X59, Y85-Y86)  | 18    | 0              | 0           | 2            | 16             |
| Diseases of Circulatory System (I00-I99)                                | 16    | 0              | 0           | 4            | 12             |
| Intrauterine hypoxia and birth asphyxia (P20-P21)                       | 14    | 6              | 2           | 2            | 4              |
| All other causes  | 163   | 42             | 21          | 29           | 71             |



**Table 8a.**  
**Leading Causes of White Infant Death by Age at Death**  
**South Carolina, 2002**  
**(Residence Data)**

| Causes of Death (ICD-10 Codes)  | Total | Under<br>1 Day | 1-6<br>Days | 7-27<br>Days | 28-364<br>Days |
|---|-------|----------------|-------------|--------------|----------------|
| <b>Total White Infant Deaths</b>  | 208   | 80             | 30          | 24           | 74             |
| Congenital malformations, deformations, etc. (Q00-Q99)                  | 39    | 16             | 10          | 4            | 9              |
| Sudden infant death syndrome (R95)                                      | 22    | 0              | 1           | 0            | 21             |
| Disorders relating to short gestation and low birthweight, NEC (P07)    | 19    | 17             | 2           | 0            | 0              |
| Fetus and newborn affected by maternal complications of pregnancy (P01) | 16    | 16             | 0           | 0            | 0              |
| Accidents (V01-X59,Y85-Y86)   | 10    | 0              | 0           | 1            | 9              |
| Disease of circulatory system (I00-I99)                                 | 8     | 0              | 0           | 2            | 6              |
| Respiratory distress of newborn (P22)                                   | 8     | 5              | 3           | 0            | 0              |
| Bacterial sepsis of newborn (P36)                                       | 8     | 2              | 1           | 5            | 0              |
| Intrauterine hypoxia and birth asphyxia (P20-P21)                       | 7     | 3              | 2           | 1            | 1              |
| All other causes  | 71    | 21             | 11          | 11           | 28             |

**Table 8b.**  
**Leading Causes of Black and Other Infant Death by Age at Death**  
**South Carolina, 2002**  
**(Residence Data)**

| Causes of Death (ICD-10 Codes)  | Total | Under<br>1 Day | 1-6<br>Days | 7-27<br>Days | 28-364<br>Days |
|---|-------|----------------|-------------|--------------|----------------|
| <b>Total Black and Other Infant Deaths</b>                              | 298   | 135            | 35          | 41           | 87             |
| Disorders relating to short gestation and low birthweight, NEC (P07)    | 52    | 45             | 6           | 0            | 1              |
| Congenital malformations, deformations, etc. (Q00-Q99)                  | 38    | 14             | 9           | 5            | 10             |
| Fetus and newborn affected by maternal complications of pregnancy (P01) | 31    | 29             | 2           | 0            | 0              |
| Respiratory distress of newborn (P22)                                   | 16    | 6              | 1           | 4            | 5              |
| Sudden infant death syndrome (R95)                                      | 15    | 0              | 0           | 3            | 12             |
| Newborn affected by complication of placenta, ect. (P02)                | 14    | 11             | 2           | 1            | 0              |
| Bacterial sepsis of newborn (P36)                                       | 11    | 1              | 4           | 6            | 0              |
| Disease of circulatory system (I00-I99)                                 | 8     | 0              | 0           | 2            | 6              |
| Accidents (V01-X59, Y85-Y86)  | 8     | 0              | 0           | 1            | 7              |
| Intrauterine hypoxia and birth asphyxia (P20-P21)                       | 7     | 3              | 0           | 1            | 3              |
| All other causes  | 98    | 26             | 11          | 18           | 43             |

**Table 8c.**  
 Percent Changes of Leading Causes of Infant Death  
 from 2001-2002, South Carolina

| Cause of Infant Death Ranked by 2002 Data (ICD-10 Codes)                | 2001       | 2002       | % Change    |
|---|------------|------------|-------------|
| <b>Total Infant Death</b>   | <b>496</b> | <b>507</b> | <b>2.2%</b> |
| Congenital malformations, deformations, etc. (Q00-Q99)                  | 75         | 77         | 2.7%        |
| Disorders relating to short gestation and low birthweight, NEC (P07)    | 74         | 72         | -2.7%       |
| Fetus and newborn affected by maternal complications of pregnancy (P01) | 44         | 47         | 6.8%        |
| Sudden infant death syndrome (R95)                                      | 38         | 37         | -2.6%       |
| Respiratory distress of newborn (P22)                                   | 29         | 24         | -17.2%      |
| Newborn affected by complication of placenta, ect. (P02)                | 9          | 20         | 122.2%      |
| Bacterial sepsis of newborn (P36)                                       | 15         | 19         | 26.7%       |
| Accidents (V01-X59, Y85-Y86)  | 28         | 18         | -35.7%      |
| Diseases of Circulatory System (I00-I99)                                | 16         | 16         | 0.0%        |
| Intrauterine hypoxia and birth asphyxia (P20-P21)                       | 16         | 14         | -12.5%      |
| All other causes  | 152        | 173        | 13.8%       |

**Table 9.**Comparison of Characteristics from Birth Files, by Race<sup>1</sup>Z-tests for differences in proportions<sup>3</sup>

South Carolina, 2001 to 2002

(Residence Data)

|  | 2001    |        | 2002    |        | Z-TEST  | P-VALUE |
|--|---------|--------|---------|--------|---------|---------|
|  | Percent | Number | Percent | Number |         |         |
| <b>MOTHER &lt; 18 YEARS</b>                |         |        |         |        |         |         |
| TOTAL <sup>2</sup>                         | 5.04    | 2,807  | 4.64    | 2,526  | -3.0650 | 0.0022  |
| White                                      | 3.46    | 1,236  | 3.27    | 1,149  | -1.4065 | 0.1596  |
| Black & Other                              | 7.85    | 1,571  | 7.13    | 1,375  | -2.7298 | 0.0063  |
| <b>EDUCATION &lt; 12 YEARS</b>             |         |        |         |        |         |         |
| TOTAL <sup>2</sup>                         | 20.99   | 11,703 | 20.77   | 11,308 | -0.9234 | 0.3558  |
| White                                      | 19.22   | 6,868  | 19.26   | 6,771  | 0.1373  | 0.8908  |
| Black & Other                              | 24.17   | 4,835  | 23.51   | 4,536  | -1.5244 | 0.1274  |
| <b>MARITAL STATUS: UNMARRIED</b>           |         |        |         |        |         |         |
| TOTAL <sup>2</sup>                         | 26.50   | 14,775 | 26.26   | 14,300 | -0.9114 | 0.3621  |
| White                                      | 12.50   | 4,468  | 12.96   | 4,557  | 1.8336  | 0.0667  |
| Black & Other                              | 51.51   | 10,307 | 50.49   | 9,741  | -2.0365 | 0.0417  |
| <b>&lt; 5 PRENATAL CARE VISITS</b>         |         |        |         |        |         |         |
| TOTAL <sup>2</sup>                         | 4       | 2,354  | 4.08    | 2,222  | -1.1813 | 0.2375  |
| White                                      | 2.82    | 1,007  | 2.89    | 1,015  | 0.5532  | 0.5801  |
| Black & Other                              | 6.73    | 1,347  | 6.24    | 1,204  | -1.9793 | 0.0478  |
| <b>PRENATAL CARE BEGAN FIRST TRIMESTER</b> |         |        |         |        |         |         |
| TOTAL <sup>2</sup>                         | 78.46   | 43,739 | 77.66   | 42,290 | -3.1891 | 0.0014  |
| White                                      | 83.77   | 29,931 | 82.00   | 28,824 | -6.2543 | 0.0000  |
| Black & Other                              | 68.99   | 13,804 | 69.79   | 13,466 | 1.7231  | 0.0849  |
| <b>PROPORTION VERY LOW BIRTHWEIGHT</b>     |         |        |         |        |         |         |
| TOTAL <sup>2</sup>                         | 1.89    | 1,056  | 1.94    | 1,055  | 0.5232  | 0.6008  |
| White                                      | 1.23    | 438    | 1.26    | 444    | 0.4474  | 0.6546  |
| Black & Other                              | 3.09    | 618    | 3.17    | 611    | 0.4443  | 0.6568  |
| <b>PROPORTION LOW BIRTHWEIGHT</b>          |         |        |         |        |         |         |
| TOTAL <sup>2</sup>                         | 9.60    | 5,349  | 10.01   | 5,453  | 2.3398  | 0.0193  |
| White                                      | 7.29    | 2,606  | 7.54    | 2,651  | 1.2606  | 0.2075  |
| Black & Other                              | 13.71   | 2,743  | 14.52   | 2,802  | 2.3150  | 0.0206  |

<sup>1</sup>Race of mother<sup>2</sup>Includes unknown races<sup>3</sup>Proportions are expressed as percentages

**Table 9. (continued)**Comparison of Characteristics from Birth Files, by Race<sup>1</sup>Z-tests for differences in proportions<sup>3</sup>

South Carolina, 2001 to 2002

(Residence Data)

|  | 2001    |        | 2002    |        | Z-TEST   | P-VALUE |
|--|---------|--------|---------|--------|----------|---------|
|  | Percent | Number | Percent | Number |          |         |
| <b>KESSNER INDEX: ADEQUATE</b>           |         |        |         |        |          |         |
| TOTAL <sup>2</sup>                       | 70.76   | 39,448 | 69.97   | 38,101 | -2.8745  | 0.0041  |
| White                                    | 76.68   | 27,398 | 74.74   | 26,273 | -6.0145  | 0.0000  |
| Black & Other                            | 60.21   | 12,046 | 61.30   | 11,828 | 2.2287   | 0.0258  |
| <b>KESSNER INDEX: LESS THAN ADEQUATE</b> |         |        |         |        |          |         |
| TOTAL <sup>2</sup>                       | 26.48   | 14,764 | 27.39   | 14,916 | 3.4008   | 0.0007  |
| White                                    | 20.83   | 7,444  | 22.83   | 8,025  | 6.4326   | 0.0000  |
| Black & Other                            | 36.58   | 7,319  | 35.70   | 6,887  | -1.8264  | 0.0678  |
| <b>KOTELCHUCK INDEX: ADEQUATE PLUS</b>   |         |        |         |        |          |         |
| TOTAL <sup>2</sup>                       | 37.72   | 21,030 | 41.65   | 22,677 | 13.3055  | 0.0000  |
| White                                    | 38.05   | 13,595 | 41.44   | 14,567 | 9.2268   | 0.0000  |
| Black & Other                            | 37      | 7,432  | 42.03   | 8,109  | 9.8987   | 0.0000  |
| <b>KOTELCHUCK INDEX: ADEQUATE</b>        |         |        |         |        |          |         |
| TOTAL <sup>2</sup>                       | 36.50   | 20,346 | 33.51   | 18,246 | -10.3980 | 0.0000  |
| White                                    | 39.69   | 14,183 | 36.70   | 12,901 | -8.2001  | 0.0000  |
| Black & Other                            | 30.79   | 6,161  | 27.70   | 5,345  | -6.7297  | 0.0000  |
| <b>KOTELCHUCK INDEX: INTERMEDIATE</b>    |         |        |         |        |          |         |
| TOTAL <sup>2</sup>                       | 11.22   | 6,254  | 10.20   | 5,553  | -5.4765  | 0.0000  |
| White                                    | 11.47   | 4,098  | 10.59   | 3,723  | -3.7299  | 0.0002  |
| Black & Other                            | 10.78   | 2,156  | 9.48    | 1,830  | -4.2379  | 0.0000  |
| <b>KOTELCHUCK INDEX: INADEQUATE</b>      |         |        |         |        |          |         |
| TOTAL <sup>2</sup>                       | 13.19   | 7,351  | 13.35   | 7,267  | 0.7796   | 0.4356  |
| White                                    | 9.68    | 3,460  | 10.13   | 3,562  | 2.0036   | 0.0451  |
| Black & Other                            | 19.45   | 3,891  | 19.19   | 3,702  | -0.6524  | 0.5141  |
| <b>HISPANIC MOTHER</b>                   |         |        |         |        |          |         |
| TOTAL <sup>2</sup>                       | 5.39    | 3,005  | 5.85    | 3,188  | 3.3458   | 0.0008  |
| White                                    | 7.80    | 2,786  | 8.53    | 2,997  | 3.5435   | 0.0004  |
| Black & Other                            | 1.09    | 219    | 0.99    | 191    | -1.0205  | 0.3075  |

<sup>1</sup>Race of mother<sup>2</sup>Includes unknown races<sup>3</sup>Proportions are expressed as percentages

**Table 9-A.**Comparison of Characteristics of Infants who died in the year of birth, by Race<sup>1</sup>Z-tests for differences in proportions<sup>3</sup>

South Carolina, 2001 to 2002

(Residence Data)

|  | 2001    |        | 2002    |        | Z-TEST   | P-VALUE |
|--|---------|--------|---------|--------|----------|---------|
|  | Percent | Number | Percent | Number |          |         |
| <b>MOTHER &lt; 18 YEARS</b>                |         |        |         |        |          |         |
| TOTAL <sup>2</sup>                         | 5.04    | 25     | 6.51    | 33     | 0.99622  | 0.31914 |
| White                                      | 4.85    | 10     | 4.33    | 9      | -0.25643 | 0.79762 |
| Black & Other                              | 5.17    | 15     | 8.05    | 24     | 1.40366  | 0.16042 |
| <b>EDUCATION &lt; 12 YEARS</b>             |         |        |         |        |          |         |
| TOTAL <sup>2</sup>                         | 20.97   | 104    | 22.49   | 114    | 0.58257  | 0.56018 |
| White                                      | 23.30   | 48     | 22.12   | 46     | -0.28791 | 0.77341 |
| Black & Other                              | 19.31   | 56     | 22.82   | 68     | 1.04266  | 0.29711 |
| <b>MARITAL STATUS: UNMARRIED</b>           |         |        |         |        |          |         |
| TOTAL <sup>2</sup>                         | 41.13   | 204    | 42.01   | 213    | 0.28362  | 0.7767  |
| White                                      | 21.36   | 44     | 19.23   | 40     | -0.53843 | 0.59028 |
| Black & Other                              | 55.17   | 160    | 58.05   | 173    | 0.70484  | 0.48091 |
| <b>&lt; 5 PRENATAL CARE VISITS</b>         |         |        |         |        |          |         |
| TOTAL <sup>2</sup>                         | 24.60   | 122    | 23.47   | 119    | -0.41707 | 0.67663 |
| White                                      | 16.02   | 33     | 18.27   | 38     | 0.60721  | 0.54371 |
| Black & Other                              | 30.69   | 89     | 27.18   | 81     | -0.93821 | 0.34814 |
| <b>PRENATAL CARE BEGAN FIRST TRIMESTER</b> |         |        |         |        |          |         |
| TOTAL <sup>2</sup>                         | 58.87   | 292    | 64.69   | 328    | 1.89789  | 0.05771 |
| White                                      | 66.02   | 136    | 67.31   | 140    | 0.27802  | 0.781   |
| Black & Other                              | 53.79   | 156    | 63.09   | 188    | 2.28682  | 0.02221 |
| <b>PROPORTION VERY LOW BIRTHWEIGHT</b>     |         |        |         |        |          |         |
| TOTAL <sup>2</sup>                         | 55.24   | 274    | 56.02   | 284    | 0.24663  | 0.80519 |
| White                                      | 47.09   | 97     | 47.12   | 98     | 0.00571  | 0.99545 |
| Black & Other                              | 61.03   | 177    | 62.42   | 186    | 0.34462  | 0.73038 |
| <b>PROPORTION LOW BIRTHWEIGHT</b>          |         |        |         |        |          |         |
| TOTAL <sup>2</sup>                         | 64.11   | 318    | 68.05   | 345    | 1.31608  | 0.18815 |
| White                                      | 57.28   | 118    | 60.58   | 126    | 0.68148  | 0.49557 |
| Black & Other                              | 68.97   | 200    | 73.49   | 219    | 1.21201  | 0.22551 |

<sup>1</sup>Race of mother<sup>2</sup>Includes unknown races<sup>3</sup>Proportions are expressed as percentages

**Table 9-A. (continued)**Comparison of Characteristics of Infants who died in the year of birth, by Race<sup>1</sup>Z-tests for differences in proportions<sup>3</sup>

South Carolina, 2001 to 2002

(Residence Data)

|  | 2001    |        | 2002    |        | Z-TEST | P-VALUE |
|--|---------|--------|---------|--------|--------|---------|
|  | Percent | Number | Percent | Number |        |         |

| KESSNER INDEX: ADEQUATE |       |     |       |     |         |         |
|-------------------------|-------|-----|-------|-----|---------|---------|
| TOTAL <sup>2</sup>      | 47.38 | 235 | 54.24 | 275 | 2.17326 | 0.02976 |
| White                   | 54.85 | 113 | 57.21 | 119 | 0.48314 | 0.62899 |
| Black & Other           | 42.07 | 122 | 52.35 | 156 | 2.49624 | 0.01255 |

| KESSNER INDEX: LESS THAN ADEQUATE |       |     |       |     |          |         |
|-----------------------------------|-------|-----|-------|-----|----------|---------|
| TOTAL <sup>2</sup>                | 33.06 | 164 | 29.39 | 149 | -1.25623 | 0.20903 |
| White                             | 25.24 | 52  | 29.33 | 61  | 0.93272  | 0.35097 |
| Black & Other                     | 38.62 | 112 | 29.53 | 88  | -2.32623 | 0.02001 |

| KOTELCHUCK INDEX: ADEQUATE PLUS |       |     |       |     |         |         |
|---------------------------------|-------|-----|-------|-----|---------|---------|
| TOTAL <sup>2</sup>              | 44.35 | 220 | 51.48 | 261 | 2.25808 | 0.02394 |
| White                           | 47.57 | 98  | 50.96 | 106 | 0.68957 | 0.49047 |
| Black & Other                   | 42.07 | 122 | 52.01 | 155 | 2.41522 | 0.01573 |

| KOTELCHUCK INDEX: ADEQUATE |       |    |       |    |          |         |
|----------------------------|-------|----|-------|----|----------|---------|
| TOTAL <sup>2</sup>         | 15.93 | 79 | 14.60 | 74 | -0.5865  | 0.55754 |
| White                      | 18.45 | 38 | 16.35 | 34 | -0.56376 | 0.57291 |
| Black & Other              | 14.14 | 41 | 13.42 | 40 | -0.25155 | 0.80139 |

| KOTELCHUCK INDEX: INTERMEDIATE |      |    |      |    |          |         |
|--------------------------------|------|----|------|----|----------|---------|
| TOTAL <sup>2</sup>             | 5.24 | 26 | 4.73 | 24 | -0.36975 | 0.71157 |
| White                          | 7.28 | 15 | 5.29 | 11 | -0.83578 | 0.40328 |
| Black & Other                  | 3.79 | 11 | 4.36 | 13 | 0.34882  | 0.72722 |

| KOTELCHUCK INDEX: INADEQUATE |       |    |       |    |          |         |
|------------------------------|-------|----|-------|----|----------|---------|
| TOTAL <sup>2</sup>           | 14.11 | 70 | 13.41 | 68 | -0.32208 | 0.74739 |
| White                        | 7.28  | 15 | 12.50 | 26 | 1.7773   | 0.07552 |
| Black & Other                | 18.97 | 55 | 14.09 | 42 | -1.59124 | 0.11155 |

| HISPANIC MOTHER    |      |   |      |    |          |         |
|--------------------|------|---|------|----|----------|---------|
| TOTAL <sup>2</sup> | 1.81 | 9 | 3.35 | 17 | 1.5331   | 0.12525 |
| White              | 3.40 | 7 | 7.69 | 16 | 1.90722  | 0.05649 |
| Black & Other      | 0.69 | 2 | 0.34 | 1  | -0.60251 | 0.54683 |

<sup>1</sup>Race of mother<sup>2</sup>Includes unknown races<sup>3</sup>Proportions are expressed as percentages

**Table 10.**  
 Infant Mortality Rates<sup>1</sup> by Race<sup>2</sup> and Birthweight<sup>3</sup> Group  
 South Carolina  
 2000, 2001, and 2002  
 (Residence Data)

| <b>Infant Mortality for Very Low Birthweight (0-1499 grams)</b> |                      |                        |       |                      |                        |       |                      |                        |       |
|---|----------------------|------------------------|-------|----------------------|------------------------|-------|----------------------|------------------------|-------|
|   | Total                |                        |       | White                |                        |       | Black & Other        |                        |       |
| Year  | Number of Live Birth | Number of Infant Death | Rate  | Number of Live Birth | Number of Infant Death | Rate  | Number of Live Birth | Number of Infant Death | Rate  |
| 2000  | 1,107                | 290                    | 261.0 | 445                  | 98                     | 220.2 | 662                  | 192                    | 288.5 |
| 2001  | 1,056                | 293                    | 277.5 | 438                  | 100                    | 228.3 | 618                  | 193                    | 312.3 |
| 2002  | 1,055                | 286                    | 271.1 | 444                  | 95                     | 214.0 | 611                  | 191                    | 312.6 |

| <b>Infant Mortality for Intermediate Low Birthweight (1500-2499 grams)</b> |                      |                        |      |                      |                        |      |                      |                        |      |
|--|----------------------|------------------------|------|----------------------|------------------------|------|----------------------|------------------------|------|
|  | Total                |                        |      | White                |                        |      | Black & Other        |                        |      |
| Year   | Number of Live Birth | Number of Infant Death | Rate | Number of Live Birth | Number of Infant Death | Rate | Number of Live Birth | Number of Infant Death | Rate |
| 2000   | 4,305*               | 65                     | 14.9 | 2,094                | 21                     | 9.6  | 2,210                | 44                     | 19.9 |
| 2001   | 4,293                | 50                     | 11.6 | 2,168                | 24                     | 11.1 | 2,125                | 26                     | 12.2 |
| 2002   | 4,398                | 71                     | 16.1 | 2,207                | 35                     | 15.9 | 2,191                | 36                     | 16.4 |

| <b>Infant Mortality for Normal Birthweight (2500+ grams)</b> |                      |                        |      |                      |                        |      |                      |                        |      |
|--|----------------------|------------------------|------|----------------------|------------------------|------|----------------------|------------------------|------|
|  | Total                |                        |      | White                |                        |      | Black & Other        |                        |      |
| Year   | Number of Live Birth | Number of Infant Death | Rate | Number of Live Birth | Number of Infant Death | Rate | Number of Live Birth | Number of Infant Death | Rate |
| 2000   | 50,549*              | 122                    | 2.4  | 32,606               | 67                     | 2.1  | 17,931               | 55                     | 3.1  |
| 2001   | 50,392*              | 149                    | 3.0  | 33,122               | 78                     | 2.4  | 17,265               | 71                     | 4.1  |
| 2002   | 48,993*              | 143                    | 2.9  | 32,499               | 77                     | 2.4  | 16,490               | 66                     | 4.0  |

<sup>1</sup>Rates per 1,000 live births

<sup>2</sup>Race of mother

<sup>3</sup>Does not include missing birthweights

\*Includes unknown race



**Table 10-A.**  
 Neonatal Mortality Rates<sup>1</sup> by Race<sup>2</sup> and Birthweight<sup>3</sup> Group  
 South Carolina  
 2000, 2001, and 2002  
 (Residence Data)

| <b>Neonatal Mortality for Very Low Birthweight (0-1499 grams)</b> |                      |                        |       |                      |                        |       |                      |                        |       |
|---|----------------------|------------------------|-------|----------------------|------------------------|-------|----------------------|------------------------|-------|
|   | Total                |                        |       | White                |                        |       | Black & Other        |                        |       |
| Year  | Number of Live Birth | Number of Infant Death | Rate  | Number of Live Birth | Number of Infant Death | Rate  | Number of Live Birth | Number of Infant Death | Rate  |
| 2000  | 1,107                | 253                    | 228.5 | 445                  | 86                     | 193.3 | 662                  | 167                    | 252.3 |
| 2001  | 1,056                | 251                    | 237.7 | 438                  | 89                     | 203.2 | 618                  | 162                    | 262.1 |
| 2002  | 1,055                | 252                    | 238.9 | 444                  | 88                     | 198.2 | 611                  | 164                    | 268.4 |

| <b>Neonatal Mortality for Intermediate Low Birthweight (1500-2499 grams)</b> |                      |                        |      |                      |                        |      |                      |                        |      |
|--|----------------------|------------------------|------|----------------------|------------------------|------|----------------------|------------------------|------|
|  | Total                |                        |      | White                |                        |      | Black & Other        |                        |      |
| Year   | Number of Live Birth | Number of Infant Death | Rate | Number of Live Birth | Number of Infant Death | Rate | Number of Live Birth | Number of Infant Death | Rate |
| 2000   | 4,305*               | 40                     | 9.3  | 2,094                | 18                     | 8.6  | 2,210                | 22                     | 10.0 |
| 2001   | 4,293                | 31                     | 7.2  | 2,168                | 15                     | 6.9  | 2,125                | 16                     | 7.5  |
| 2002   | 4,398                | 43                     | 9.8  | 2,207                | 20                     | 9.1  | 2,191                | 23                     | 10.5 |

| <b>Neonatal Mortality for Normal Birthweight (2500+ grams)</b> |                      |                        |      |                      |                        |      |                      |                        |      |
|--|----------------------|------------------------|------|----------------------|------------------------|------|----------------------|------------------------|------|
|  | Total                |                        |      | White                |                        |      | Black & Other        |                        |      |
| Year   | Number of Live Birth | Number of Infant Death | Rate | Number of Live Birth | Number of Infant Death | Rate | Number of Live Birth | Number of Infant Death | Rate |
| 2000   | 50,549*              | 40                     | 0.8  | 32,606               | 27                     | 0.8  | 17,931               | 13                     | 0.7  |
| 2001   | 50,392*              | 55                     | 1.1  | 33,122               | 31                     | 0.9  | 17,265               | 24                     | 1.4  |
| 2002   | 48,993*              | 47                     | 1.0  | 32,499               | 25                     | 0.8  | 16,490               | 22                     | 1.3  |

<sup>1</sup>Rates per 1,000 live births

<sup>2</sup>Race of mother

<sup>3</sup>Does not include missing birthweights

\*Includes unknown race

**Table 10-B.**  
 Postneonatal Mortality Rates<sup>1</sup> by Race<sup>2</sup> and Birthweight<sup>3</sup> Group  
 South Carolina  
 2000, 2001, and 2002  
 (Residence Data)

| <b>Postneonatal Mortality for Very Low Birthweight (0-1499 grams)</b> |                      |                        |      |                      |                        |      |                      |                        |      |
|---|----------------------|------------------------|------|----------------------|------------------------|------|----------------------|------------------------|------|
|   | Total                |                        |      | White                |                        |      | Black & Other        |                        |      |
| Year  | Number of Live Birth | Number of Infant Death | Rate | Number of Live Birth | Number of Infant Death | Rate | Number of Live Birth | Number of Infant Death | Rate |
| 2000  | 1,107                | 37                     | 33.4 | 445                  | 12                     | 27.0 | 662                  | 25                     | 37.8 |
| 2001  | 1,056                | 42                     | 39.8 | 438                  | 11                     | 25.1 | 618                  | 31                     | 50.2 |
| 2002  | 1,055                | 34                     | 32.2 | 444                  | 7                      | 15.8 | 611                  | 27                     | 44.2 |

| <b>Postneonatal Mortality for Intermediate Low Birthweight (1500-2499 grams)</b> |                      |                        |      |                      |                        |      |                      |                        |      |
|--|----------------------|------------------------|------|----------------------|------------------------|------|----------------------|------------------------|------|
|  | Total                |                        |      | White                |                        |      | Black & Other        |                        |      |
| Year   | Number of Live Birth | Number of Infant Death | Rate | Number of Live Birth | Number of Infant Death | Rate | Number of Live Birth | Number of Infant Death | Rate |
| 2000   | 4,305*               | 25                     | 5.8  | 2,094                | 3                      | 1.4  | 2,210                | 22                     | 10.0 |
| 2001   | 4,293                | 19                     | 4.4  | 2,168                | 9                      | 4.2  | 2,125                | 10                     | 4.7  |
| 2002   | 4,398                | 28                     | 6.4  | 2,207                | 15                     | 6.8  | 2,191                | 13                     | 5.9  |

| <b>Postneonatal Mortality for Normal Birthweight (2500+ grams)</b> |                      |                        |      |                      |                        |      |                      |                        |      |
|--|----------------------|------------------------|------|----------------------|------------------------|------|----------------------|------------------------|------|
|  | Total                |                        |      | White                |                        |      | Black & Other        |                        |      |
| Year   | Number of Live Birth | Number of Infant Death | Rate | Number of Live Birth | Number of Infant Death | Rate | Number of Live Birth | Number of Infant Death | Rate |
| 2000   | 50,549*              | 82                     | 1.6  | 32,606               | 40                     | 1.2  | 17,931               | 42                     | 2.3  |
| 2001   | 50,392*              | 94                     | 1.9  | 33,122               | 47                     | 1.4  | 17,265               | 47                     | 2.7  |
| 2002   | 48,993*              | 96                     | 2.0  | 32,499               | 52                     | 1.6  | 16,490               | 44                     | 2.7  |

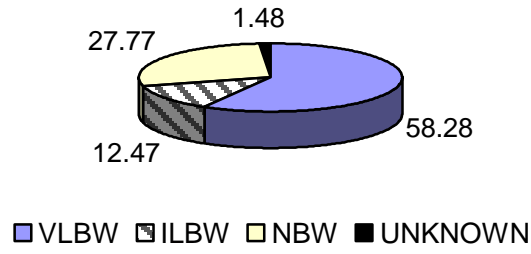
<sup>1</sup>Rates per 1,000 live births

<sup>2</sup>Race of mother

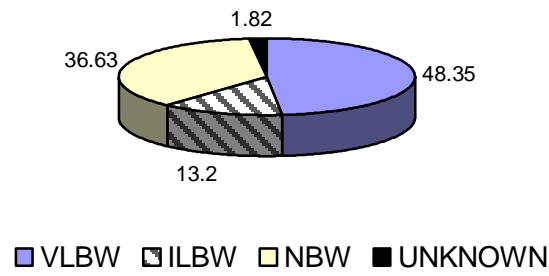
<sup>3</sup>Does not include missing birthweights

\*Includes unknown race

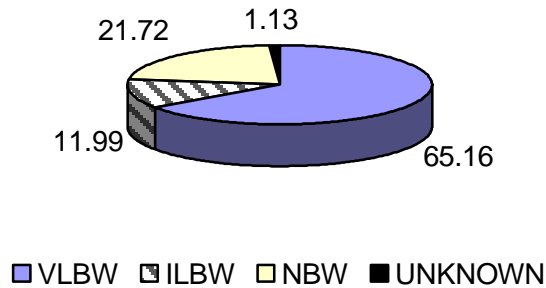
**Figure 1.**  
 Percentage of Infant Deaths by Birthweight Group  
 South Carolina, 2001-2002 Residence Data



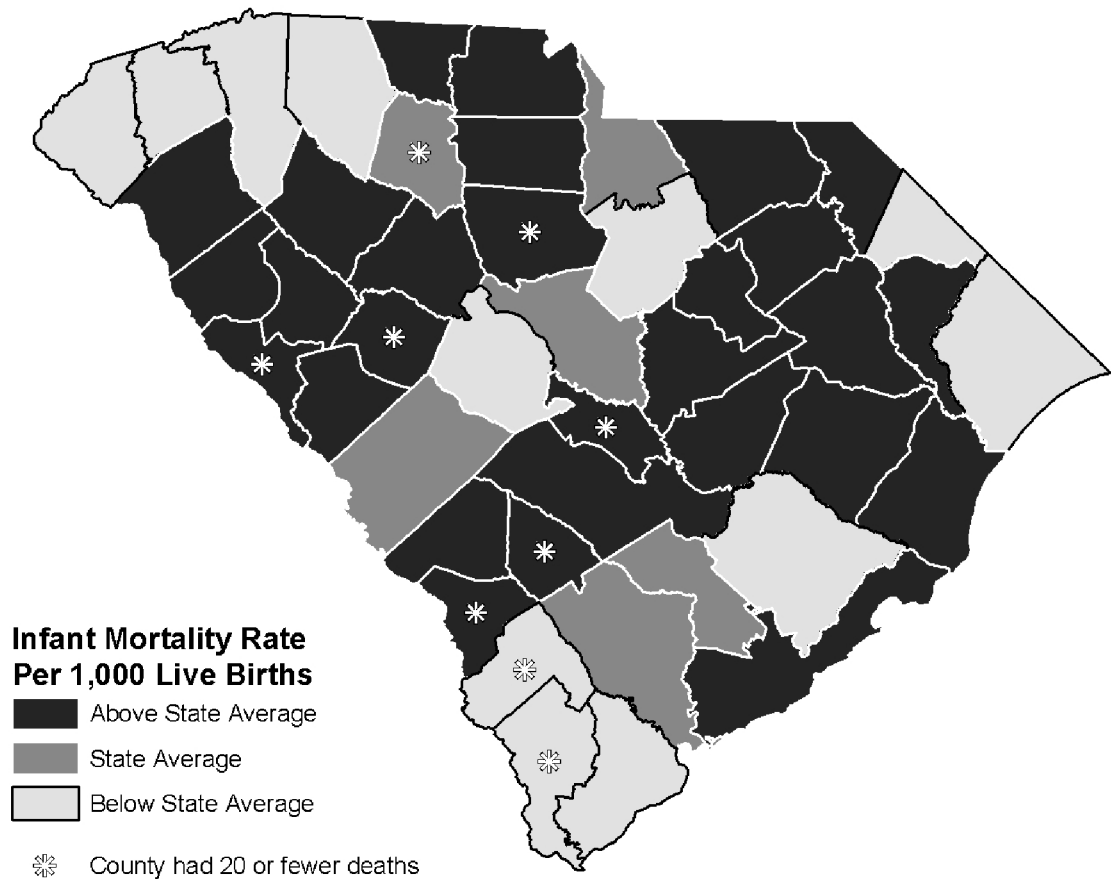
**Figure 1-A**  
 Percentage of White Infant Deaths by Birthweight Group  
 South Carolina, 2001-2002 Residence Data



**Figure 1-B**  
 Percent of Black and Other Infant Deaths by Birthweight Group  
 South Carolina, 2001-2002 Residence Data



**Figure 2.**  
 Five Year Infant Mortality Rates by County  
 South Carolina  
 1998-2002  
 (Residence Data)



NOTE: Counties with rates calculated with 20 or fewer deaths are unreliable and should be used cautiously.

**Above State Average** indicates a rate greater than 9.7.  
**State Average** indicates a rate between 9.0 and 9.7 inclusive.  
**Below State Average** indicates a rate lower than 9.0.