

# BIRTHS



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## INTRODUCTION

The Alaska birth certificate provides information about each baby born in Alaska, regardless of the mother's residence state. Through a vital statistics cooperative agreement, birth information is also collected for Alaska mothers who have a baby in another state. Thus, the Bureau of Vital Statistics Information System contains records on all births occurring in the state and all births to residents of Alaska.

The birth certificate contains information about the mother, the father, the pregnancy, and the child. Birth information is collected in hospitals and birth centers

from worksheets completed by parents or medical staff, from medical charts, or by a combination of these sources. Midwives and family members who deliver a baby collect the birth information from their records or from a parent and complete the birth certificate.

This chapter reports information from the birth certificate such as pregnancy history, parents' education, prenatal care, mother's health risk behaviors, and birth weight, which can be used to monitor and help improve the health of mothers and children.

FIGURE 1 ALASKA RESIDENT BIRTHS, 1994–2003

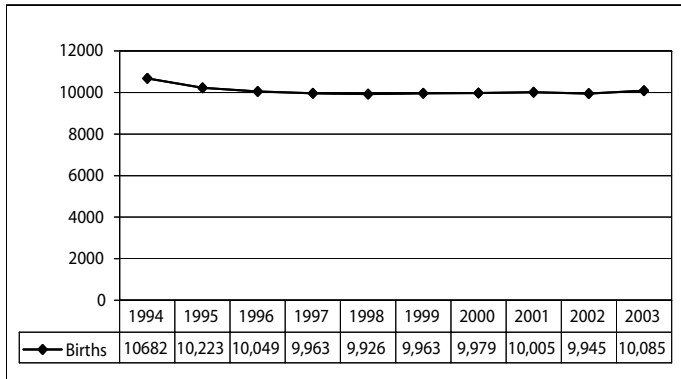
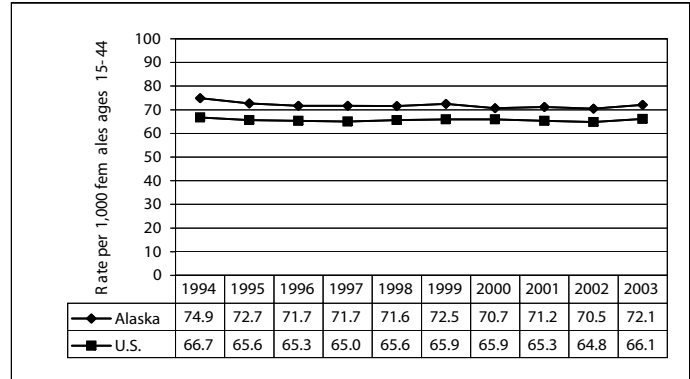


FIGURE 3 FERTILITY RATES: U.S. AND ALASKA, 1994–2003



There were 10,085 live births to Alaska residents in 2003 (Figure 1). This is an increase of 1.4 percent from the 9,945 births recorded in 2002. Of these births, 5,195 were boys and 4,890 were girls. Of the 10,085 births in 2003, there were 141 sets of twins and five sets of triplets.

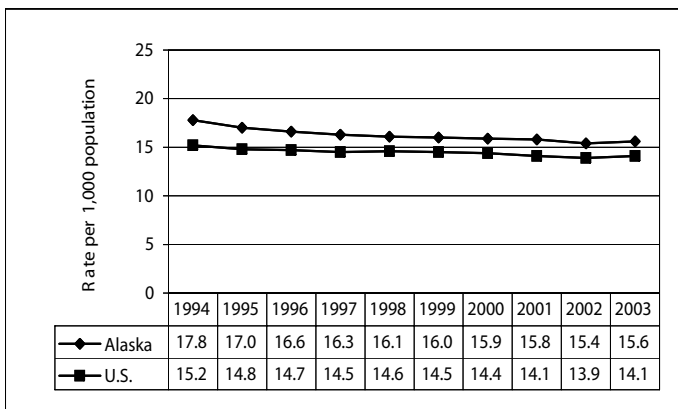
The natural increase in Alaska’s population (the increase of births over deaths) was 6,904 persons, representing a natural increase rate of 10.6 persons per 1,000 population. This is a similar rate to the natural increase rate of 10.7 recorded in 2002.

The 2003 crude birth rate of 15.6 per 1,000 population represents a 1.3 percent increase from the 2002 crude birth rate of 15.4, and a 12.4 percent decrease from the crude birth rate of 17.8 per 1,000 population recorded in 1994. The 2003 crude birth rate for the United States was 14.1 live births per 1,000 population<sup>1</sup>, which is a decline of 7.2 percent from the rate of 15.2 in 1994.

In order to calculate crude birth rates (Figure 2), fertility rates, or any of the other rates used in this report, population estimates must be used. Population estimates are provided by the Department of Labor, Research and Analysis Section, Demographics Unit. Due to the way race information was collected beginning with the 2000 census, previous population estimates are not comparable to current estimates. The Department of Labor has developed smoothed bridge estimates so that population estimates by race made after 2000 are comparable to previous estimates. When reporting rates by race, this report uses smoothed bridge estimates. Please refer to Appendix H for the population estimates used in this report. Furthermore, in order to make a seamless transition from 1990s population estimates to the 2000 Census, the Department of Labor has revised population estimates produced during the 1990s.

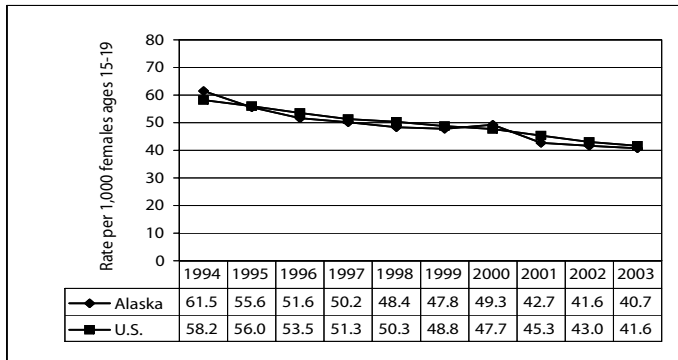
The fertility rate (Figure 3) is a more meaningful measure of behavioral patterns than the crude birth rate since it is a measure of the number of births compared to the number of women of usual child-bearing age (15–44 years). The 2003 fertility rate for Alaska was 72.1 births per 1,000 women, representing a 2.3 percent increase from the 2002 fertility rate of 70.5. Alaska’s fertility rate was 9.1 percent higher than the U.S. fertility rate of 66.1 in 2003.

FIGURE 2 CRUDE BIRTH RATES: U.S. AND ALASKA, 1994–2003



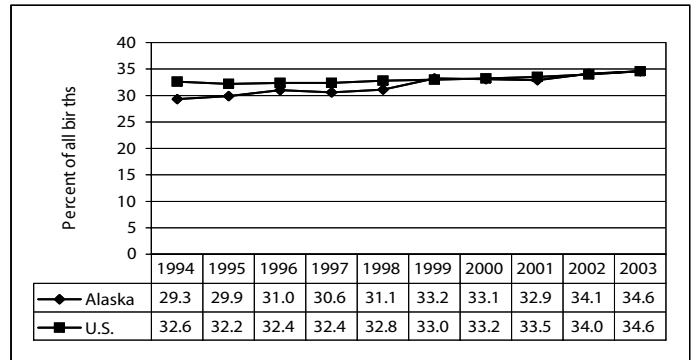
<sup>1</sup>National Center for Health Statistics, U.S. Department of Health and Human Services, “Births: Final Data for 2003,” National Vital Statistics Report, Vol. 54, No. 3, September 8, 2005.

**FIGURE 4 TEEN BIRTH RATES: U.S. AND ALASKA, 1994–2003**



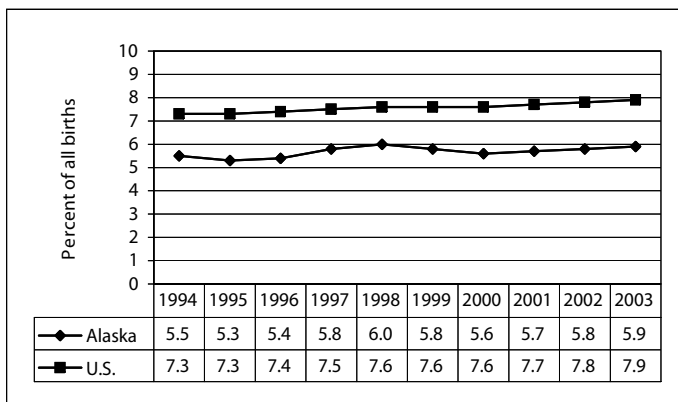
The 2003 teen (ages 15–19) birth rate for Alaska was 40.7, which is 2.2 percent below the 2003 U.S. teen birth rate of 41.6 (Figure 4). Alaska’s 2003 teen birth rate reflects a decrease of 2.2 percent from the 2002 rate of 41.6. Since 1994, the teen birth rate in Alaska has declined by one-third (33.8 percent).

**FIGURE 6 PERCENTAGE OF UNWED MOTHERS: U.S. AND ALASKA, 1994–2003**



Low birth weight [live births that weigh less than 2,500 grams (5 pounds, 8 ounces)] is an important predictor of infant death. Infants born with low birth weight also are more likely to need extensive medical treatment. The incidence of low birth weight (Figure 5) babies born in Alaska during 2003 was 5.9 percent of total live births, an increase of 1.7 percent from the 2002 Alaska percentage of 5.8 percent. Although the incidence of low birth weight births has been increasing for both Alaska and the U.S. over the last decade, the Alaska low birth weight percentage is 25.3 percent lower than the U.S. percentage.

**FIGURE 5 PERCENTAGE OF LOW BIRTH WEIGHT INFANTS: U.S. AND ALASKA, 1994–2003**



Of the total births to Alaska residents during 2003, 34.6 percent were to unmarried women (Figure 6). This is an increase of 1.5 percent over the 34.1 percentage reported for Alaska in 2002.

The most popular boy’s name in 2003 was Joseph and the most popular girl’s name was Hannah. Figure 7 below shows the ten most popular boys’ and girls’ names for the years 1993, 1998, and 2003.

**FIGURE 7 MOST POPULAR BOYS’ AND GIRLS’ NAMES: ALASKA, 1993, 1998, AND 2003**

| RAN K | BOYS' NAMES |         |         | GIRLS' NAMES |          |           |
|-------|-------------|---------|---------|--------------|----------|-----------|
|       |             | 1998    | 2003    | 1993         | 1998     | 2003      |
| 1     | Michael     | Michael | Joseph  | Jessica      | Emily    | Hannah    |
| 2     | Tyler       | Jacob   | Jacob   | Ashley       | Hannah   | Emma      |
| 3     | Joshua      | Joshua  | Joshua  | Sarah        | Sarah    | Madison   |
| 4     | Jacob       | David   | James   | Samantha     | Megan    | Emily     |
| 5     | Matthew     | Brandon | Ethan   | Amanda       | Alyssa   | Alexis    |
| 6     | David       | Joseph  | Michael | Taylor       | Ashley   | Hailey    |
| 7     | James       | James   | Dylan   | Stephanie    | Samantha | Olivia    |
| 8     | John        | Matthew | Daniel  | Hannah       | Jessica  | Isabella  |
| 9     | Christopher | Daniel  | Logan   | Kelsey       | Madison  | Alyssa    |
| 10    | Daniel      | Andrew  | Tyler   | Emily        | Kayla    | Elizabeth |

## BIRTHS BY RESIDENCE AND RACE

The following tables of this chapter show annual occurrences of live births to Alaska residents during 2003 and for the three-year period 2001 through 2003.

Annual rates and three-year rates for the state as a whole, its 27 census areas, and 12 Native Regional Corporations are shown by race and residence of the mother. Natality statistics on the mother's age, marital status, education, birth facility, prenatal care, cesarean delivery, pre-term births, and low birth weight are presented.

The table for the statewide totals (Table 1) provides birth statistics for the white, black, Native, and Asian/Pacific Islander races. However, due to the low number of reportable events for some census areas or boroughs, birth outcomes by census area (borough) and Native Regional Corporation are only shown for the two predominant races in Alaska: Native and white.

Also, unknown values are not reported in these tables. Thus, the percentages for certain categories such as mother's age group may not add up to the total number of births.

Since female population estimates for the age groups of 15–17 and 18–19 are not available for individual census areas, fertility rates and teen birth rates cannot be calculated for these tables (Table 2 and Table 3). Furthermore, due to the way race information was collected in the Federal 2000 Census, population estimates by race beginning in 2000 are not comparable to previous population estimates. The Alaska Department of Labor has developed bridge estimates so that the federal population estimates by race in 2000 and later years will be comparable to previous years. Bridge estimates by census area by race prior to 2003 are not available. When complete bridge estimates by census area by race are published, the online Annual Report will be updated. The following Web address is for the online Annual Report:

[www.hss.state.ak.us/dph/bvs/data/default.htm](http://www.hss.state.ak.us/dph/bvs/data/default.htm).

**TABLE 1** **SELECTED BIRTH STATISTICS REPORTED BY MOTHER'S RACE:**  
**ALASKA, 2003 AND 2001-2003**

|                               | TOTAL       |           |                  |                | WHITE       |           |                  |                | NATIVE      |           |                  |                |
|-------------------------------|-------------|-----------|------------------|----------------|-------------|-----------|------------------|----------------|-------------|-----------|------------------|----------------|
|                               | 2003 NUMBER | 2003 RATE | 2001-2003 NUMBER | 2001-2003 RATE | 2003 NUMBER | 2003 RATE | 2001-2003 NUMBER | 2001-2003 RATE | 2003 NUMBER | 2003 RATE | 2001-2003 NUMBER | 2001-2003 RATE |
| <b>BIRTH RATES (1)</b>        |             |           |                  |                |             |           |                  |                |             |           |                  |                |
| CRUDE BIRTH RATE              | 10,085      | 15.6      | 30,035           | 15.6           | 6,385       | 13.9      | 18,967           | 13.9           | 2,460       | 21.6      | 7,355            | 21.7           |
| TEEN BIRTH RATE               |             |           |                  |                |             |           |                  |                |             |           |                  |                |
| 15-17                         | 320         | 20.0      | 938              | 19.6           | 125         | 19.6      | 374              | 11.7           | 141         | 40.4      | 439              | 42.8           |
| 18-19                         | 730         | 74.7      | 2,235            | 79.2           | 381         | 79.2      | 1,126            | 61.1           | 274         | 130.0     | 841              | 134.1          |
| 15-19                         | 1,050       | 40.7      | 3,173            | 41.7           | 506         | 29.5      | 1,500            | 29.7           | 415         | 4.0       | 1,280            | 77.4           |
| FERTILITY RATE (2)            | 10,085      | 72.1      | 30,035           | 71.2           | 6,385       | 65.3      | 18,967           | 64.5           | 2,460       | 98.0      | 7,355            | 97.9           |
|                               | TOTAL       |           |                  |                | WHITE       |           |                  |                | NATIVE      |           |                  |                |
|                               | 2003 NUMBER | 2003 %    | 2001-2003 NUMBER | 2001-2003 %    | 2003 NUMBER | 2003 %    | 2001-2003 NUMBER | 2001-2003 %    | 2003 NUMBER | 2003 %    | 2001-2003 NUMBER | 2001-2003 %    |
| <b>BIRTHS</b>                 |             |           |                  |                |             |           |                  |                |             |           |                  |                |
| IN STATE                      | 9,996       | 100.0     | 29,771           | 100.0          | 6,313       | 63.2      | 18,755           | 63.0           | 2,461       | 24.6      | 7,353            | 24.7           |
| TO RESIDENTS                  | 10,085      | 100.0     | 30,035           | 100.0          | 6,385       | 63.3      | 18,967           | 63.1           | 2,460       | 24.4      | 7,355            | 24.5           |
| <b>FACILITY</b>               |             |           |                  |                |             |           |                  |                |             |           |                  |                |
| HOSPITAL                      | 9,503       | 94.2      | 28,350           | 94.4           | 5,886       | 92.2      | 17,512           | 92.3           | 2,424       | 98.5      | 7,260            | 98.7           |
| BIRTHING CENTER               | 269         | 2.7       | 849              | 2.8            | 250         | 3.9       | 781              | 4.1            | 9           | 0.4       | 33               | 0.4            |
| HOME                          | 196         | 1.9       | 485              | 1.6            | 163         | 2.6       | 419              | 2.2            | 17          | 0.7       | 28               | 0.4            |
| CLINIC                        | 10          | 0.1       | 34               | 0.1            | 4           | 0.1       | 15               | 0.1            | 6           | 0.2       | 18               | 0.2            |
| OUTSIDE ALASKA                | 107         | 1.1       | 317              | 1.1            | 82          | 1.3       | 240              | 1.3            | 4           | 0.2       | 16               | 0.2            |
| <b>MOTHER CHARACTERISTICS</b> |             |           |                  |                |             |           |                  |                |             |           |                  |                |
| <b>AGE GROUP</b>              |             |           |                  |                |             |           |                  |                |             |           |                  |                |
| <15                           | 15          | 0.1       | 46               | 0.2            | 4           | 0.1       | 16               | 0.1            | 8           | 0.3       | 25               | 0.3            |
| 15-19                         | 1,050       | 10.4      | 3,173            | 10.6           | 506         | 7.9       | 1,500            | 7.9            | 415         | 16.9      | 1,280            | 17.4           |
| 20-24                         | 2,907       | 28.9      | 8,508            | 28.3           | 1,717       | 26.9      | 5,053            | 26.7           | 823         | 33.5      | 2,370            | 32.2           |
| 25-29                         | 2,658       | 26.4      | 7,926            | 26.4           | 1,736       | 27.2      | 5,149            | 27.2           | 599         | 24.3      | 1,816            | 24.7           |
| 30-34                         | 2,073       | 20.6      | 6,223            | 20.7           | 1,471       | 23.1      | 4,381            | 23.1           | 354         | 14.4      | 1,082            | 14.7           |
| 35-39                         | 1,052       | 10.4      | 3,225            | 10.7           | 715         | 11.2      | 2,198            | 11.6           | 207         | 8.4       | 628              | 8.5            |
| 40-44                         | 298         | 3.0       | 862              | 2.9            | 212         | 3.3       | 616              | 3.3            | 50          | 2.0       | 144              | 2.0            |
| 45+                           | 22          | 0.2       | 48               | 0.2            | 18          | 0.3       | 36               | 0.2            | 4           | 0.2       | 9                | 0.1            |
| REPORTED DRINKING             | 203         | 2.0       | 714              | 2.4            | 89          | 1.4       | 293              | 1.6            | 108         | 4.4       | 389              | 5.3            |
| REPORTED SMOKING              | 1,706       | 17.1      | 5,199            | 17.5           | 807         | 12.7      | 2,443            | 13.0           | 796         | 32.5      | 2,442            | 33.4           |
| UNWED                         | 3,480       | 34.6      | 10,140           | 33.9           | 1,517       | 23.8      | 4,413            | 23.3           | 1,524       | 62.0      | 4,451            | 60.6           |
| <b>EDUCATION</b>              |             |           |                  |                |             |           |                  |                |             |           |                  |                |
| <12 YEARS                     | 1,412       | 14.5      | 4,107            | 14.2           | 615         | 9.9       | 1,738            | 9.4            | 656         | 27.3      | 1,945            | 27.3           |
| 12 YEARS                      | 3,982       | 40.9      | 12,447           | 43.1           | 2,215       | 35.6      | 7,013            | 38.1           | 1,301       | 54.1      | 3,979            | 55.8           |
| 12+ YEARS                     | 4,346       | 44.6      | 12,322           | 42.7           | 3,384       | 54.5      | 9,669            | 52.5           | 450         | 18.7      | 1,210            | 17.0           |
| <b>PRENATAL CARE</b>          |             |           |                  |                |             |           |                  |                |             |           |                  |                |
| <b>TRIMESTER CARE BEGAN</b>   |             |           |                  |                |             |           |                  |                |             |           |                  |                |
| 1ST TRIMESTER                 | 7,695       | 80.1      | 23,139           | 80.5           | 5,161       | 84.2      | 15,466           | 84.4           | 1,684       | 70.8      | 5,020            | 71.0           |
| 3RD TRIMESTER                 | 465         | 4.8       | 1,248            | 4.3            | 264         | 4.3       | 648              | 3.5            | 149         | 6.3       | 457              | 6.5            |
| NO PRENATAL CARE              | 42          | 0.5       | 134              | 0.5            | 24          | 0.4       | 63               | 0.4            | 11          | 0.5       | 52               | 0.7            |
| <b>APNCU INDEX</b>            |             |           |                  |                |             |           |                  |                |             |           |                  |                |
| ADEQUATE+                     | 2,282       | 25.8      | 6,785            | 25.1           | 1,652       | 29.7      | 4,764            | 28.0           | 375         | 16.1      | 1,255            | 18.1           |
| ADEQUATE                      | 3,575       | 40.4      | 10,943           | 40.5           | 2,433       | 43.7      | 7,579            | 44.5           | 755         | 32.4      | 2,119            | 30.5           |
| INTERMEDIATE                  | 1,497       | 16.9      | 4,935            | 18.3           | 796         | 14.3      | 2,725            | 16.0           | 559         | 24.0      | 1,638            | 23.6           |
| INADEQUATE                    | 1,494       | 16.9      | 4,357            | 16.1           | 687         | 12.3      | 1,966            | 11.5           | 644         | 27.6      | 1,926            | 27.8           |
| <b>KESSNER INDEX</b>          |             |           |                  |                |             |           |                  |                |             |           |                  |                |
| ADEQUATE                      | 5,922       | 66.7      | 18,332           | 67.7           | 4,192       | 75.1      | 12,929           | 75.7           | 1,123       | 48.0      | 3,364            | 48.4           |
| INTERMEDIATE                  | 2,443       | 27.5      | 7,374            | 27.2           | 1,103       | 19.8      | 3,433            | 20.1           | 1,055       | 45.1      | 3,079            | 44.3           |
| INADEQUATE                    | 507         | 5.7       | 1,382            | 5.1            | 288         | 5.2       | 711              | 4.2            | 160         | 6.8       | 509              | 7.3            |
| <b>C-SECTION BIRTHS</b>       | 2,162       | 21.6      | 5,973            | 20.1           | 1,553       | 24.5      | 4,255            | 22.7           | 285         | 11.6      | 840              | 11.5           |
| <b>PRE-TERM BIRTHS</b>        | 1,105       | 11.1      | 3,085            | 10.3           | 636         | 10.0      | 1,680            | 8.9            | 306         | 12.5      | 936              | 12.8           |
| <b>LOW BIRTHWEIGHT</b>        | 593         | 5.9       | 1,734            | 5.8            | 357         | 5.6       | 995              | 5.3            | 149         | 6.1       | 436              | 6.0            |

Continued =>

Note: Unknown responses are excluded from the denominator when calculating percentages.

(1) Birth rate per 1,000 population.

(2) Fertility rate per 1,000 female population ages 15-44.

**TABLE 1** **SELECTED BIRTH STATISTICS REPORTED BY MOTHER'S RACE**  
**ALASKA, 2003 AND 2001-2003** (Continued)

|                               | TOTAL          |              |                     |                   | BLACK          |              |                     |                   | ASIAN/PI       |              |                     |                   |
|-------------------------------|----------------|--------------|---------------------|-------------------|----------------|--------------|---------------------|-------------------|----------------|--------------|---------------------|-------------------|
|                               | 2003<br>NUMBER | 2003<br>RATE | 2001-2003<br>NUMBER | 2001-2003<br>RATE | 2003<br>NUMBER | 2003<br>RATE | 2001-2003<br>NUMBER | 2001-2003<br>RATE | 2003<br>NUMBER | 2003<br>RATE | 2001-2003<br>NUMBER | 2001-2003<br>RATE |
| <b>BIRTH RATES (1)</b>        |                |              |                     |                   |                |              |                     |                   |                |              |                     |                   |
| CRUDE BIRTH RATE              | 10,085         | 15.6         | 30,035              | 15.6              | 393            | 11.7         | 1,259               | 13.3              | 701            | 16.6         | 2,021               | 16.1              |
| TEEN BIRTH RATE               |                |              |                     |                   |                |              |                     |                   |                |              |                     |                   |
| 15-17                         | 320            | 20.0         | 938                 | 19.6              | 22             | 32.3         | 51                  | 24.6              | 28             | 22.6         | 64                  | 17.6              |
| 18-19                         | 730            | 74.7         | 2,235               | 79.2              | 35             | 90.2         | 127                 | 102.5             | 32             | 42.1         | 112                 | 49.6              |
| 15-19                         | 1,050          | 40.7         | 3,173               | 41.7              | 57             | 53.3         | 178                 | 53.8              | 60             | 30.0         | 176                 | 29.9              |
| FERTILITY RATE (2)            | 10,085         | 72.1         | 30,035              | 71.2              | 393            | 61.3         | 1,259               | 65.6              | 701            | 65.3         | 2,021               | 61.2              |
|                               | TOTAL          |              |                     |                   | BLACK          |              |                     |                   | ASIAN/PI       |              |                     |                   |
|                               | 2003<br>NUMBER | 2003<br>%    | 2001-2003<br>NUMBER | 2001-2003<br>%    | 2003<br>NUMBER | 2003<br>%    | 2001-2003<br>NUMBER | 2001-2003<br>%    | 2003<br>NUMBER | 2003<br>%    | 2001-2003<br>NUMBER | 2001-2003<br>%    |
| <b>BIRTHS</b>                 |                |              |                     |                   |                |              |                     |                   |                |              |                     |                   |
| IN STATE                      | 9,996          | 100.0        | 29,771              | 100.0             | 393            | 3.9          | 1,259               | 4.2               | 698            | 7.0          | 2,004               | 6.7               |
| TO RESIDENTS                  | 10,085         | 100.0        | 30,035              | 100.0             | 393            | 3.9          | 1,259               | 4.2               | 701            | 7.0          | 2,021               | 6.7               |
| <b>FACILITY</b>               |                |              |                     |                   |                |              |                     |                   |                |              |                     |                   |
| HOSPITAL                      | 9,503          | 94.2         | 28,350              | 94.4              | 385            | 98.0         | 1,241               | 98.6              | 687            | 98.0         | 1,956               | 96.8              |
| BIRTHING CENTER               | 269            | 2.7          | 849                 | 2.8               | 3              | 0.8          | 4                   | 0.3               | 4              | 0.6          | 23                  | 1.1               |
| HOME                          | 196            | 1.9          | 485                 | 1.6               | 3              | 0.8          | 7                   | 0.6               | 6              | 0.9          | 20                  | 1.0               |
| CLINIC                        | 10             | 0.1          | 34                  | 0.1               | 0              | 0.0          | 0                   | 0.0               | 0              | 0.0          | 1                   | 0.0               |
| OUTSIDE ALASKA                | 107            | 1.1          | 317                 | 1.1               | 2              | 0.5          | 7                   | 0.6               | 4              | 0.6          | 21                  | 1.0               |
| <b>MOTHER CHARACTERISTICS</b> |                |              |                     |                   |                |              |                     |                   |                |              |                     |                   |
| AGE GROUP                     |                |              |                     |                   |                |              |                     |                   |                |              |                     |                   |
| <15                           | 15             | 0.1          | 46                  | 0.2               | 1              | 0.3          | 1                   | 0.1               | 2              | 0.3          | 4                   | 0.2               |
| 15-19                         | 1,050          | 10.4         | 3,173               | 10.6              | 57             | 14.5         | 178                 | 14.2              | 60             | 8.6          | 176                 | 8.7               |
| 20-24                         | 2,907          | 28.9         | 8,508               | 28.3              | 153            | 39.0         | 482                 | 38.3              | 182            | 26.0         | 512                 | 25.3              |
| 25-29                         | 2,658          | 26.4         | 7,926               | 26.4              | 97             | 24.7         | 315                 | 25.1              | 188            | 26.9         | 535                 | 26.5              |
| 30-34                         | 2,073          | 20.6         | 6,223               | 20.7              | 52             | 13.3         | 181                 | 14.4              | 164            | 23.4         | 480                 | 23.8              |
| 35-39                         | 1,052          | 10.4         | 3,225               | 10.7              | 27             | 6.9          | 83                  | 6.6               | 77             | 11.0         | 236                 | 11.7              |
| 40-44                         | 298            | 3.0          | 862                 | 2.9               | 5              | 1.3          | 16                  | 1.3               | 27             | 3.9          | 75                  | 3.7               |
| 45+                           | 22             | 0.2          | 48                  | 0.2               | 0              | 0.0          | 1                   | 0.1               | 0              | 0.0          | 2                   | 0.1               |
| REPORTED DRINKING             | 203            | 2.0          | 714                 | 2.4               | 2              | 0.5          | 9                   | 0.7               | 2              | 0.3          | 17                  | 0.9               |
| REPORTED SMOKING              | 1,706          | 17.1         | 5,199               | 17.5              | 37             | 9.5          | 108                 | 8.6               | 57             | 8.3          | 161                 | 8.1               |
| UNWED                         | 3,480          | 34.6         | 10,140              | 33.9              | 182            | 46.5         | 565                 | 45.0              | 212            | 30.4         | 570                 | 28.3              |
| EDUCATION                     |                |              |                     |                   |                |              |                     |                   |                |              |                     |                   |
| <12 YEARS                     | 1,412          | 14.5         | 4,107               | 14.2              | 52             | 13.7         | 140                 | 11.5              | 82             | 12.2         | 252                 | 13.2              |
| 12 YEARS                      | 3,982          | 40.9         | 12,447              | 43.1              | 165            | 43.5         | 582                 | 47.9              | 274            | 40.8         | 787                 | 41.3              |
| 12+ YEARS                     | 4,346          | 44.6         | 12,322              | 42.7              | 162            | 42.7         | 492                 | 40.5              | 316            | 47.0         | 868                 | 45.5              |
| <b>PRENATAL CARE</b>          |                |              |                     |                   |                |              |                     |                   |                |              |                     |                   |
| TRIMESTER CARE BEGAN          |                |              |                     |                   |                |              |                     |                   |                |              |                     |                   |
| 1ST TRIMESTER                 | 7,695          | 80.1         | 23,139              | 80.5              | 293            | 82.3         | 973                 | 83.1              | 474            | 75.4         | 1,429               | 76.8              |
| 3RD TRIMESTER                 | 465            | 4.8          | 1,248               | 4.3               | 18             | 5.1          | 43                  | 3.7               | 29             | 4.6          | 91                  | 4.9               |
| NO PRENATAL CARE              | 42             | 0.5          | 134                 | 0.5               | 4              | 1.3          | 11                  | 1.0               | 3              | 0.5          | 5                   | 0.3               |
| APNCU INDEX                   |                |              |                     |                   |                |              |                     |                   |                |              |                     |                   |
| ADEQUATE+                     | 2,282          | 25.8         | 6,785               | 25.1              | 92             | 30.5         | 319                 | 29.7              | 138            | 25.2         | 390                 | 23.4              |
| ADEQUATE                      | 3,575          | 40.4         | 10,943              | 40.5              | 125            | 41.4         | 439                 | 40.9              | 222            | 40.5         | 674                 | 40.4              |
| INTERMEDIATE                  | 1,497          | 16.9         | 4,935               | 18.3              | 39             | 12.9         | 184                 | 17.1              | 88             | 16.1         | 321                 | 19.3              |
| INADEQUATE                    | 1,494          | 16.9         | 4,357               | 16.1              | 46             | 15.2         | 132                 | 12.3              | 100            | 18.2         | 282                 | 16.9              |
| KESSNER INDEX                 |                |              |                     |                   |                |              |                     |                   |                |              |                     |                   |
| ADEQUATE                      | 5,922          | 66.7         | 18,332              | 67.7              | 207            | 68.3         | 788                 | 73.0              | 340            | 61.7         | 1,062               | 63.3              |
| INTERMEDIATE                  | 2,443          | 27.5         | 7,374               | 27.2              | 74             | 24.4         | 237                 | 22.0              | 179            | 32.5         | 519                 | 30.9              |
| INADEQUATE                    | 507            | 5.7          | 1,382               | 5.1               | 22             | 7.3          | 54                  | 5.0               | 32             | 5.8          | 96                  | 5.7               |
| <b>C-SECTION BIRTHS</b>       | 2,162          | 21.6         | 5,973               | 20.1              | 106            | 27.0         | 297                 | 23.9              | 181            | 26.0         | 474                 | 23.7              |
| <b>PRE-TERM BIRTHS</b>        | 1,105          | 11.1         | 3,085               | 10.3              | 64             | 16.5         | 187                 | 14.9              | 78             | 11.3         | 227                 | 11.3              |
| <b>LOW BIRTHWEIGHT</b>        | 593            | 5.9          | 1,734               | 5.8               | 37             | 9.4          | 132                 | 10.5              | 39             | 5.6          | 135                 | 6.7               |

Note: Unknown responses are excluded from the denominator when calculating percentages.

(1) Birth rate per 1,000 population.

(2) Fertility rate per 1,000 female population ages 15-44.

**TABLE 2 SELECTED BIRTH STATISTICS REPORTED BY MOTHER'S RACE:  
2003 AND 2001-2003  
ALEUTIANS EAST BOROUGH**

|                            | TOTAL          |               |                     |                    | WHITE          |               |                     |                    | NATIVE         |               |                     |                    |
|----------------------------|----------------|---------------|---------------------|--------------------|----------------|---------------|---------------------|--------------------|----------------|---------------|---------------------|--------------------|
|                            | 2003<br>NUMBER | 2003<br>RATE* | 2001-2003<br>NUMBER | 2001-2003<br>RATE* | 2003<br>NUMBER | 2003<br>RATE* | 2001-2003<br>NUMBER | 2001-2003<br>RATE* | 2003<br>NUMBER | 2003<br>RATE* | 2001-2003<br>NUMBER | 2001-2003<br>RATE* |
| <b>BIRTH RATES (1)</b>     |                |               |                     |                    |                |               |                     |                    |                |               |                     |                    |
| CRUDE BIRTH RATE           | 16             | 6.0           | 45                  | 5.6                | 2              | 2.4 *         | 6                   |                    | 13             | 14.0          | 34                  |                    |
| <b>TEEN BIRTH RATE (2)</b> |                |               |                     |                    |                |               |                     |                    |                |               |                     |                    |
| 15-17                      | 0              |               | 0                   |                    | 0              |               | 0                   |                    | 0              |               | 0                   |                    |
| 18-19                      | 1              |               | 4                   |                    | 0              |               | 0                   |                    | 1              |               | 4                   |                    |
| 15-19                      | 1              | 19.2 *        | 4                   | 25.3 *             | 0              | 0.0           | 0                   |                    | 1              | 25.0 *        | 4                   |                    |
| <b>FERTILITY RATE (3)</b>  | 16             | 32.7          | 45                  | 30.2               | 2              | 16.5 *        | 6                   |                    | 13             | 62.2          | 34                  |                    |

|                               | TOTAL          |           |                     |                | WHITE          |           |                     |                | NATIVE         |           |                     |                |
|-------------------------------|----------------|-----------|---------------------|----------------|----------------|-----------|---------------------|----------------|----------------|-----------|---------------------|----------------|
|                               | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% |
| <b>BIRTHS</b>                 |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| WITHIN AREA                   | 0              | 0.0       | 1                   | 100.0          | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 1                   | 100.0          |
| TO RESIDENTS                  | 16             | 100.0     | 45                  | 100.0          | 2              | 12.5      | 6                   | 13.3           | 13             | 81.3      | 34                  | 75.6           |
| <b>FACILITY</b>               |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| HOSPITAL                      | 15             | 93.8      | 41                  | 91.1           | 2              | 100.0     | 5                   | 83.3           | 13             | 100.0     | 33                  | 97.1           |
| BIRTHING CENTER               | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            |
| HOME                          | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            |
| OTHER                         | 0              | 0.0       | 1                   | 2.2            | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 1                   | 2.9            |
| OUTSIDE ALASKA                | 1              | 6.3       | 3                   | 6.7            | 0              | 0.0       | 1                   | 16.7           | 0              | 0.0       | 0                   | 0.0            |
| <b>MOTHER CHARACTERISTICS</b> |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <b>AGE GROUP</b>              |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <15                           | 0              | 0.0       | 0                   | 0.0            | **             | **        | 0                   | 0.0            | **             | **        | 0                   | 0.0            |
| 15-19                         | 1              | 6.3       | 4                   | 8.9            | **             | **        | 0                   | 0.0            | **             | **        | 4                   | 11.8           |
| 20-24                         | 7              | 43.8      | 12                  | 26.7           | **             | **        | 1                   | 16.7           | **             | **        | 10                  | 29.4           |
| 25-29                         | 4              | 25.0      | 12                  | 26.7           | **             | **        | 1                   | 16.7           | **             | **        | 9                   | 26.5           |
| 30-34                         | 2              | 12.5      | 6                   | 13.3           | **             | **        | 1                   | 16.7           | **             | **        | 3                   | 8.8            |
| 35-39                         | 1              | 6.3       | 10                  | 22.2           | **             | **        | 3                   | 50.0           | **             | **        | 7                   | 20.6           |
| 40-44                         | 1              | 6.3       | 1                   | 2.2            | **             | **        | 0                   | 0.0            | **             | **        | 1                   | 2.9            |
| 45+                           | 0              | 0.0       | 0                   | 0.0            | **             | **        | 0                   | 0.0            | **             | **        | 0                   | 0.0            |
| REPORTED DRINKING             | 1              | 6.7       | 2                   | 4.8            | **             | **        | 0                   | 0.0            | **             | **        | 2                   | 5.9            |
| REPORTED SMOKING              | 4              | 25.0      | 12                  | 27.3           | **             | **        | 0                   | 0.0            | **             | **        | 11                  | 32.4           |
| UNWED                         | 10             | 62.5      | 20                  | 45.5           | **             | **        | 3                   | 50.0           | **             | **        | 13                  | 38.2           |
| <b>EDUCATION</b>              |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <12 YEARS                     | 1              | 6.7       | 5                   | 11.4           | **             | **        | 3                   | 60.0           | **             | **        | 1                   | 2.9            |
| 12 YEARS                      | 13             | 86.7      | 33                  | 75.0           | **             | **        | 1                   | 20.0           | **             | **        | 29                  | 85.3           |
| 12+ YEARS                     | 1              | 6.7       | 6                   | 13.6           | **             | **        | 1                   | 20.0           | **             | **        | 4                   | 11.8           |
| <b>PRENATAL CARE</b>          |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <b>TRIMESTER CARE BEGAN</b>   |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| 1ST TRIMESTER                 | 12             | 75.0      | 33                  | 78.6           | **             | **        | 3                   | 60.0           | **             | **        | 29                  | 90.6           |
| 3RD TRIMESTER                 | 0              | 0.0       | 1                   | 2.4            | **             | **        | 0                   | 0.0            | **             | **        | 1                   | 3.1            |
| NO PRENATAL CARE              | 0              | 0.0       | 2                   | 4.8            | **             | **        | 0                   | 0.0            | **             | **        | 2                   | 5.9            |
| <b>APNCU INDEX</b>            |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| ADEQUATE+                     | 11             | 73.3      | 24                  | 57.1           | **             | **        | 3                   | 100.0          | **             | **        | 21                  | 61.8           |
| ADEQUATE                      | 2              | 13.3      | 12                  | 28.6           | **             | **        | 0                   | 0.0            | **             | **        | 9                   | 26.5           |
| INTERMEDIATE                  | 1              | 6.7       | 2                   | 4.8            | **             | **        | 0                   | 0.0            | **             | **        | 0                   | 0.0            |
| INADEQUATE                    | 1              | 6.7       | 4                   | 9.5            | **             | **        | 0                   | 0.0            | **             | **        | 4                   | 11.8           |
| <b>KESSNER INDEX</b>          |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| ADEQUATE                      | 11             | 73.3      | 32                  | 76.2           | **             | **        | 2                   | 66.7           | **             | **        | 29                  | 85.3           |
| INTERMEDIATE                  | 4              | 26.7      | 7                   | 16.7           | **             | **        | 1                   | 33.3           | **             | **        | 2                   | 5.9            |
| INADEQUATE                    | 0              | 0.0       | 3                   | 7.1            | **             | **        | 0                   | 0.0            | **             | **        | 3                   | 8.8            |
| <b>C-SECTION BIRTHS</b>       | 0              | 0.0       | 10                  | 22.7           | **             | **        | 3                   | 50.0           | **             | **        | 5                   | 14.7           |
| <b>PRE-TERM BIRTHS</b>        | 1              | 6.3       | 5                   | 11.1           | **             | **        | 0                   | 0.0            | **             | **        | 4                   | 11.8           |
| <b>LOW BIRTHWEIGHT</b>        | 0              | 0.0       | 1                   | 2.2            | **             | **        | 0                   | 0.0            | **             | **        | 0                   | 0.0            |

Note: Unknown responses are excluded from the denominator when calculating percentages.

- (1) Birth rate per 1,000 population. Population estimates by race by census area are only available for 2003. Therefore, three year rates are unavailable.
- (2) Population estimates by census area for 15-17 and 18-19 are not available for 2003. Therefore, rates for these age groups are unavailable.
- (3) Fertility rate per 1,000 female population ages 15-44. Population estimates by race by census area are only available for 2003. Therefore, three year rates are unavailable.

\* Rates based on fewer than 10 occurrences are statistically unreliable and should be used with caution.

\*\* Data suppressed for confidentiality concerns if total births to residents, by race, is less than five observations.

**TABLE 2** **SELECTED BIRTH STATISTICS REPORTED BY MOTHER'S RACE:**  
**2003 AND 2001-2003**  
**ALEUTIANS WEST CENSUS AREA**

|                            | TOTAL          |               |                     |                    | WHITE          |               |                     |                    | NATIVE         |               |                     |                    |
|----------------------------|----------------|---------------|---------------------|--------------------|----------------|---------------|---------------------|--------------------|----------------|---------------|---------------------|--------------------|
|                            | 2003<br>NUMBER | 2003<br>RATE* | 2001-2003<br>NUMBER | 2001-2003<br>RATE* | 2003<br>NUMBER | 2003<br>RATE* | 2001-2003<br>NUMBER | 2001-2003<br>RATE* | 2003<br>NUMBER | 2003<br>RATE* | 2001-2003<br>NUMBER | 2001-2003<br>RATE* |
| <b>BIRTH RATES (1)</b>     |                |               |                     |                    |                |               |                     |                    |                |               |                     |                    |
| CRUDE BIRTH RATE           | 26             | 4.9           | 114                 | 7.3                | 15             | 6.7           | 57                  |                    | 7              | 7.0 *         | 37                  |                    |
| <b>TEEN BIRTH RATE (2)</b> |                |               |                     |                    |                |               |                     |                    |                |               |                     |                    |
| 15-17                      | 0              |               | 0                   |                    | 0              |               | 0                   |                    | 0              |               | 0                   |                    |
| 18-19                      | 1              |               | 6                   |                    | 0              |               | 2                   |                    | 1              |               | 4                   |                    |
| 15-19                      | 1              | 11.0 *        | 6                   | 18.5 *             | 0              | 0.0           | 2                   |                    | 1              | 27.8 *        | 4                   |                    |
| FERTILITY RATE (3)         | 26             | 27.3          | 114                 | 39.0               | 15             | 41.4          | 57                  |                    | 7              | 35.4 *        | 37                  |                    |

|                               | TOTAL          |           |                     |                | WHITE          |           |                     |                | NATIVE         |           |                     |                |
|-------------------------------|----------------|-----------|---------------------|----------------|----------------|-----------|---------------------|----------------|----------------|-----------|---------------------|----------------|
|                               | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% |
| <b>BIRTHS</b>                 |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| WITHIN AREA                   | 0              | 0.0       | 1                   | 100.0          | 0              | 0.0       | 1                   | 100.0          | 0              | 0.0       | 0                   | 0.0            |
| TO RESIDENTS                  | 26             | 100.0     | 114                 | 100.0          | 15             | 57.7      | 57                  | 50.0           | 7              | 26.9      | 37                  | 32.5           |
| <b>FACILITY</b>               |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| HOSPITAL                      | 14             | 53.8      | 77                  | 67.5           | 6              | 40.0      | 28                  | 49.1           | 7              | 100.0     | 37                  | 100.0          |
| BIRTHING CENTER               | 1              | 3.8       | 3                   | 2.6            | 1              | 6.7       | 3                   | 5.3            | 0              | 0.0       | 0                   | 0.0            |
| HOME                          | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            |
| OTHER                         | 0              | 0.0       | 1                   | 0.9            | 0              | 0.0       | 1                   | 1.8            | 0              | 0.0       | 0                   | 0.0            |
| OUTSIDE ALASKA                | 11             | 42.3      | 33                  | 28.9           | 8              | 53.3      | 25                  | 43.9           | 0              | 0.0       | 0                   | 0.0            |
| <b>MOTHER CHARACTERISTICS</b> |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <b>AGE GROUP</b>              |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <15                           | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            |
| 15-19                         | 1              | 3.8       | 6                   | 5.3            | 0              | 0.0       | 2                   | 3.5            | 1              | 14.3      | 4                   | 10.8           |
| 20-24                         | 8              | 30.8      | 26                  | 22.8           | 5              | 33.3      | 12                  | 21.1           | 2              | 28.6      | 10                  | 27.0           |
| 25-29                         | 5              | 19.2      | 29                  | 25.4           | 3              | 20.0      | 15                  | 26.3           | 0              | 0.0       | 7                   | 18.9           |
| 30-34                         | 8              | 30.8      | 27                  | 23.7           | 5              | 33.3      | 14                  | 24.6           | 2              | 28.6      | 6                   | 16.2           |
| 35-39                         | 3              | 11.5      | 21                  | 18.4           | 2              | 13.3      | 11                  | 19.3           | 1              | 14.3      | 9                   | 24.3           |
| 40-44                         | 1              | 3.8       | 5                   | 4.4            | 0              | 0.0       | 3                   | 5.3            | 1              | 14.3      | 1                   | 2.7            |
| 45+                           | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            |
| REPORTED DRINKING             | 3              | 16.7      | 6                   | 6.5            | 0              | 0.0       | 2                   | 4.7            | 3              | 42.9      | 4                   | 10.8           |
| REPORTED SMOKING              | 5              | 20.8      | 22                  | 20.6           | 0              | 0.0       | 3                   | 5.6            | 5              | 71.4      | 19                  | 51.4           |
| UNWED                         | 9              | 39.1      | 34                  | 32.4           | 5              | 35.7      | 10                  | 19.2           | 4              | 57.1      | 19                  | 51.4           |
| <b>EDUCATION</b>              |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <12 YEARS                     | 5              | 20.8      | 13                  | 12.0           | 0              | 0.0       | 1                   | 1.8            | 3              | 42.9      | 9                   | 24.3           |
| 12 YEARS                      | 14             | 58.3      | 54                  | 50.0           | 11             | 78.6      | 30                  | 54.5           | 3              | 42.9      | 21                  | 56.8           |
| 12+ YEARS                     | 5              | 20.8      | 41                  | 38.0           | 3              | 21.4      | 24                  | 43.6           | 1              | 14.3      | 7                   | 18.9           |
| <b>PRENATAL CARE</b>          |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <b>TRIMESTER CARE BEGAN</b>   |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| 1ST TRIMESTER                 | 21             | 87.5      | 89                  | 83.2           | 11             | 84.6      | 41                  | 78.8           | 7              | 100.0     | 34                  | 91.9           |
| 3RD TRIMESTER                 | 2              | 8.3       | 7                   | 6.5            | 2              | 15.4      | 5                   | 9.6            | 0              | 0.0       | 1                   | 2.7            |
| NO PRENATAL CARE              | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            |
| <b>APNCU INDEX</b>            |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| ADEQUATE+                     | 6              | 25.0      | 29                  | 27.9           | 1              | 7.7       | 6                   | 11.8           | 5              | 71.4      | 21                  | 58.3           |
| ADEQUATE                      | 9              | 37.5      | 41                  | 39.4           | 6              | 46.2      | 24                  | 47.1           | 2              | 28.6      | 12                  | 33.3           |
| INTERMEDIATE                  | 5              | 20.8      | 18                  | 17.3           | 4              | 30.8      | 10                  | 19.6           | 0              | 0.0       | 1                   | 2.8            |
| INADEQUATE                    | 4              | 16.7      | 16                  | 15.4           | 2              | 15.4      | 11                  | 21.6           | 0              | 0.0       | 2                   | 5.6            |
| <b>KESSNER INDEX</b>          |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| ADEQUATE                      | 19             | 79.2      | 76                  | 73.1           | 10             | 76.9      | 35                  | 68.6           | 7              | 100.0     | 33                  | 91.7           |
| INTERMEDIATE                  | 3              | 12.5      | 21                  | 20.2           | 1              | 7.7       | 11                  | 21.6           | 0              | 0.0       | 2                   | 5.6            |
| INADEQUATE                    | 2              | 8.3       | 7                   | 6.7            | 2              | 15.4      | 5                   | 9.8            | 0              | 0.0       | 1                   | 2.8            |
| <b>C-SECTION BIRTHS</b>       | 4              | 16.7      | 21                  | 20.0           | 3              | 21.4      | 15                  | 29.4           | 0              | 0.0       | 3                   | 8.1            |
| <b>PRE-TERM BIRTHS</b>        | 2              | 7.7       | 8                   | 7.0            | 0              | 0.0       | 3                   | 5.3            | 2              | 28.6      | 4                   | 10.8           |
| <b>LOW BIRTHWEIGHT</b>        | 1              | 3.8       | 5                   | 4.4            | 0              | 0.0       | 1                   | 1.8            | 1              | 14.3      | 3                   | 8.1            |

Note: Unknown responses are excluded from the denominator when calculating percentages.

(1) Birth rate per 1,000 population. Population estimates by race by census area are only available for 2003. Therefore, three year rates are unavailable.

(2) Population estimates by census area for 15-17 and 18-19 are not available for 2003. Therefore, rates for these age groups are unavailable.

(3) Fertility rate per 1,000 female population ages 15-44. Population estimates by race by census area are only available for 2003. Therefore, three year rates are unavailable.

\* Rates based on fewer than 10 occurrences are statistically unreliable and should be used with caution.

\*\* Data suppressed for confidentiality concerns if total births to residents, by race, is less than five observations.



**TABLE 2** **SELECTED BIRTH STATISTICS REPORTED BY MOTHER'S RACE:**  
**2003 AND 2001-2003**  
**MUNICIPALITY OF ANCHORAGE**

|                            | TOTAL       |            |                  |                 | WHITE       |            |                  |                 | NATIVE      |            |                  |                 |
|----------------------------|-------------|------------|------------------|-----------------|-------------|------------|------------------|-----------------|-------------|------------|------------------|-----------------|
|                            | 2003 NUMBER | 2003 RATE* | 2001-2003 NUMBER | 2001-2003 RATE* | 2003 NUMBER | 2003 RATE* | 2001-2003 NUMBER | 2001-2003 RATE* | 2003 NUMBER | 2003 RATE* | 2001-2003 NUMBER | 2001-2003 RATE* |
| <b>BIRTH RATES (1)</b>     |             |            |                  |                 |             |            |                  |                 |             |            |                  |                 |
| CRUDE BIRTH RATE           | 4,285       | 15.7       | 12,599           | 15.6            | 2,798       | 14.0       | 8,393            |                 | 673         | 26.3       | 1,810            |                 |
| <b>TEEN BIRTH RATE (2)</b> |             |            |                  |                 |             |            |                  |                 |             |            |                  |                 |
| 15-17                      | 130         |            | 351              |                 | 50          |            | 149              |                 | 40          |            | 107              |                 |
| 18-19                      | 271         |            | 876              |                 | 151         |            | 486              |                 | 72          |            | 196              |                 |
| 15-19                      | 401         | 39.3       | 1,227            | 40.8            | 201         | 28.4       | 635              |                 | 112         | 102.3      | 303              |                 |
| FERTILITY RATE (3)         | 4,285       | 69.0       | 12,599           | 68.0            | 2,798       | 62.8       | 8,393            |                 | 673         | 101.5      | 1,810            |                 |

|                               | TOTAL       |        |                  |             | WHITE       |        |                  |             | NATIVE      |        |                  |             |
|-------------------------------|-------------|--------|------------------|-------------|-------------|--------|------------------|-------------|-------------|--------|------------------|-------------|
|                               | 2003 NUMBER | 2003 % | 2001-2003 NUMBER | 2001-2003 % | 2003 NUMBER | 2003 % | 2001-2003 NUMBER | 2001-2003 % | 2003 NUMBER | 2003 % | 2001-2003 NUMBER | 2001-2003 % |
| <b>BIRTHS</b>                 |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| WITHIN AREA                   | 5,429       | 100.0  | 16,138           | 100.0       | 3,249       | 59.8   | 9,756            | 60.5        | 1,324       | 24.4   | 3,852            | 23.9        |
| TO RESIDENTS                  | 4,285       | 100.0  | 12,599           | 100.0       | 2,798       | 65.3   | 8,393            | 66.6        | 673         | 15.7   | 1,810            | 14.4        |
| <b>FACILITY</b>               |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| HOSPITAL                      | 4,144       | 96.7   | 12,175           | 96.6        | 2,672       | 95.5   | 8,019            | 95.5        | 668         | 99.3   | 1,797            | 99.3        |
| BIRTHING CENTER               | 64          | 1.5    | 209              | 1.7         | 61          | 2.2    | 194              | 2.3         | 1           | 0.1    | 7                | 0.4         |
| HOME                          | 58          | 1.4    | 155              | 1.2         | 50          | 1.8    | 135              | 1.6         | 2           | 0.3    | 3                | 0.2         |
| OTHER                         | 0           | 0.0    | 0                | 0.0         | 0           | 0.0    | 0                | 0.0         | 0           | 0.0    | 0                | 0.0         |
| OUTSIDE ALASKA                | 19          | 0.4    | 60               | 0.5         | 15          | 0.5    | 45               | 0.5         | 2           | 0.3    | 3                | 0.2         |
| <b>MOTHER CHARACTERISTICS</b> |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| <b>AGE GROUP</b>              |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| <15                           | 4           | 0.1    | 14               | 0.1         | 0           | 0.0    | 3                | 0.0         | 1           | 0.1    | 6                | 0.3         |
| 15-19                         | 401         | 9.4    | 1,227            | 9.7         | 201         | 7.2    | 635              | 7.6         | 112         | 16.6   | 303              | 16.7        |
| 20-24                         | 1,261       | 29.4   | 3,527            | 28.0        | 768         | 27.4   | 2,194            | 26.2        | 243         | 36.1   | 633              | 35.0        |
| 25-29                         | 1,103       | 25.7   | 3,242            | 25.8        | 733         | 26.2   | 2,190            | 26.1        | 167         | 24.8   | 444              | 24.5        |
| 30-34                         | 921         | 21.5   | 2,810            | 22.3        | 671         | 24.0   | 2,081            | 24.8        | 89          | 13.2   | 256              | 14.2        |
| 35-39                         | 461         | 10.8   | 1,390            | 11.0        | 326         | 11.7   | 997              | 11.9        | 48          | 7.1    | 134              | 7.4         |
| 40-44                         | 119         | 2.8    | 354              | 2.8         | 87          | 3.1    | 266              | 3.2         | 11          | 1.6    | 30               | 1.7         |
| 45+                           | 14          | 0.3    | 26               | 0.2         | 12          | 0.4    | 21               | 0.3         | 2           | 0.3    | 3                | 0.2         |
| REPORTED DRINKING             | 79          | 1.9    | 277              | 2.2         | 46          | 1.7    | 149              | 1.8         | 29          | 4.3    | 104              | 5.8         |
| REPORTED SMOKING              | 617         | 14.6   | 1,783            | 14.3        | 313         | 11.3   | 932              | 11.2        | 222         | 33.1   | 621              | 34.4        |
| UNWED                         | 1,424       | 33.3   | 4,065            | 32.3        | 684         | 24.5   | 1,999            | 23.9        | 417         | 62.0   | 1,135            | 62.8        |
| <b>EDUCATION</b>              |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| <12 YEARS                     | 546         | 13.2   | 1,612            | 13.2        | 241         | 8.8    | 740              | 9.0         | 202         | 30.5   | 550              | 30.8        |
| 12 YEARS                      | 1,513       | 36.5   | 4,853            | 39.8        | 903         | 33.1   | 2,995            | 36.6        | 288         | 43.4   | 848              | 47.5        |
| 12+ YEARS                     | 2,090       | 50.4   | 5,715            | 46.9        | 1,583       | 58.0   | 4,442            | 54.3        | 173         | 26.1   | 386              | 21.6        |
| <b>PRENATAL CARE</b>          |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| <b>TRIMESTER CARE BEGAN</b>   |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| 1ST TRIMESTER                 | 3,415       | 85.2   | 10,249           | 85.5        | 2,342       | 88.6   | 7,120            | 88.2        | 530         | 80.2   | 1,424            | 80.4        |
| 3RD TRIMESTER                 | 148         | 3.7    | 388              | 3.2         | 91          | 3.4    | 235              | 2.9         | 24          | 3.6    | 64               | 3.6         |
| NO PRENATAL CARE              | 21          | 0.6    | 56               | 0.5         | 12          | 0.5    | 22               | 0.3         | 3           | 0.5    | 19               | 1.1         |
| <b>APNCU INDEX</b>            |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| ADEQUATE+                     | 1,009       | 29.2   | 2,995            | 27.8        | 750         | 33.4   | 2,144            | 29.9        | 90          | 13.9   | 360              | 20.6        |
| ADEQUATE                      | 1,557       | 45.0   | 4,925            | 45.7        | 1,016       | 45.3   | 3,376            | 47.0        | 308         | 47.7   | 765              | 43.9        |
| INTERMEDIATE                  | 484         | 14.0   | 1,715            | 15.9        | 275         | 12.3   | 1,069            | 14.9        | 143         | 22.1   | 331              | 19.0        |
| INADEQUATE                    | 410         | 11.8   | 1,152            | 10.7        | 203         | 9.0    | 589              | 8.2         | 105         | 16.3   | 288              | 16.5        |
| <b>KESSNER INDEX</b>          |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| ADEQUATE                      | 2,602       | 74.9   | 8,333            | 77.0        | 1,827       | 81.1   | 5,897            | 81.9        | 406         | 62.8   | 1,134            | 64.9        |
| INTERMEDIATE                  | 703         | 20.2   | 2,051            | 18.9        | 324         | 14.4   | 1,050            | 14.6        | 213         | 33.0   | 529              | 30.3        |
| INADEQUATE                    | 169         | 4.9    | 444              | 4.1         | 103         | 4.6    | 257              | 3.6         | 27          | 4.2    | 83               | 4.8         |
| <b>C-SECTION BIRTHS</b>       | 1,009       | 23.7   | 2,774            | 22.2        | 718         | 25.8   | 1,987            | 23.9        | 80          | 11.9   | 209              | 11.6        |
| <b>PRE-TERM BIRTHS</b>        | 487         | 11.5   | 1,269            | 10.1        | 316         | 11.4   | 788              | 9.4         | 66          | 9.8    | 179              | 9.9         |
| <b>LOW BIRTHWEIGHT</b>        | 273         | 6.4    | 794              | 6.3         | 172         | 6.2    | 470              | 5.6         | 45          | 6.7    | 114              | 6.3         |

Note: Unknown responses are excluded from the denominator when calculating percentages.

- (1) Birth rate per 1,000 population. Population estimates by race by census area are only available for 2003. Therefore, three year rates are unavailable.
- (2) Population estimates by census area for 15-17 and 18-19 are not available for 2003. Therefore, rates for these age groups are unavailable.
- (3) Fertility rate per 1,000 female population ages 15-44. Population estimates by race by census area are only available for 2003. Therefore, three year rates are unavailable.

\* Rates based on fewer than 10 occurrences are statistically unreliable and should be used with caution.

\*\* Data suppressed for confidentiality concerns if total births to residents, by race, is less than five observations.

**TABLE 2 SELECTED BIRTH STATISTICS REPORTED BY MOTHER'S RACE:  
2003 AND 2001-2003  
BETHEL CENSUS AREA**

|                            | TOTAL          |               |                     |                    | WHITE          |               |                     |                    | NATIVE         |               |                     |                    |
|----------------------------|----------------|---------------|---------------------|--------------------|----------------|---------------|---------------------|--------------------|----------------|---------------|---------------------|--------------------|
|                            | 2003<br>NUMBER | 2003<br>RATE* | 2001-2003<br>NUMBER | 2001-2003<br>RATE* | 2003<br>NUMBER | 2003<br>RATE* | 2001-2003<br>NUMBER | 2001-2003<br>RATE* | 2003<br>NUMBER | 2003<br>RATE* | 2001-2003<br>NUMBER | 2001-2003<br>RATE* |
| <b>BIRTH RATES (1)</b>     |                |               |                     |                    |                |               |                     |                    |                |               |                     |                    |
| CRUDE BIRTH RATE           | 419            | 25.0          | 1,274               | 25.8               | 28             | 11.9          | 88                  |                    | 387            | 27.6          | 1,175               |                    |
| <b>TEEN BIRTH RATE (2)</b> |                |               |                     |                    |                |               |                     |                    |                |               |                     |                    |
| 15-17                      | 23             |               | 59                  |                    | 0              |               | 1                   |                    | 23             |               | 57                  |                    |
| 18-19                      | 35             |               | 115                 |                    | 0              |               | 0                   |                    | 35             |               | 115                 |                    |
| 15-19                      | 58             | 73.8          | 174                 | 76.7               | 0              | 0.0           | 1                   |                    | 58             | 83.9          | 172                 |                    |
| FERTILITY RATE (3)         | 419            | 123.9         | 1,274               | 126.5              | 28             | 60.9          | 88                  |                    | 387            | 136.1         | 1,175               |                    |

|                               | TOTAL          |           |                     |                | WHITE          |           |                     |                | NATIVE         |           |                     |                |
|-------------------------------|----------------|-----------|---------------------|----------------|----------------|-----------|---------------------|----------------|----------------|-----------|---------------------|----------------|
|                               | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% |
| <b>BIRTHS</b>                 |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| WITHIN AREA                   | 373            | 100.0     | 1,120               | 100.0          | 7              | 1.9       | 27                  | 2.4            | 364            | 97.6      | 1,082               | 96.6           |
| TO RESIDENTS                  | 419            | 100.0     | 1,274               | 100.0          | 28             | 6.7       | 88                  | 6.9            | 387            | 92.4      | 1,175               | 92.2           |
| <b>FACILITY</b>               |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| HOSPITAL                      | 411            | 98.1      | 1,258               | 98.7           | 25             | 89.3      | 79                  | 89.8           | 382            | 98.7      | 1,168               | 99.4           |
| BIRTHING CENTER               | 1              | 0.2       | 3                   | 0.2            | 1              | 3.6       | 3                   | 3.4            | 0              | 0.0       | 0                   | 0.0            |
| HOME                          | 3              | 0.7       | 4                   | 0.3            | 1              | 3.6       | 2                   | 2.3            | 2              | 0.5       | 2                   | 0.2            |
| OTHER                         | 2              | 0.5       | 4                   | 0.3            | 0              | 0.0       | 0                   | 0.0            | 2              | 0.5       | 4                   | 0.3            |
| OUTSIDE ALASKA                | 2              | 0.5       | 5                   | 0.4            | 1              | 3.6       | 4                   | 4.5            | 1              | 0.3       | 1                   | 0.1            |
| <b>MOTHER CHARACTERISTICS</b> |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <b>AGE GROUP</b>              |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <15                           | 1              | 0.2       | 4                   | 0.3            | 0              | 0.0       | 0                   | 0.0            | 1              | 0.3       | 4                   | 0.3            |
| 15-19                         | 58             | 13.8      | 174                 | 13.7           | 0              | 0.0       | 1                   | 1.1            | 58             | 15.0      | 172                 | 14.6           |
| 20-24                         | 129            | 30.8      | 398                 | 31.2           | 5              | 17.9      | 17                  | 19.3           | 123            | 31.8      | 377                 | 32.1           |
| 25-29                         | 100            | 23.9      | 317                 | 24.9           | 7              | 25.0      | 24                  | 27.3           | 92             | 23.8      | 291                 | 24.8           |
| 30-34                         | 72             | 17.2      | 212                 | 16.6           | 8              | 28.6      | 24                  | 27.3           | 62             | 16.0      | 185                 | 15.7           |
| 35-39                         | 46             | 11.0      | 129                 | 10.1           | 6              | 21.4      | 15                  | 17.0           | 40             | 10.3      | 113                 | 9.6            |
| 40-44                         | 11             | 2.6       | 38                  | 3.0            | 2              | 7.1       | 7                   | 8.0            | 9              | 2.3       | 31                  | 2.6            |
| 45+                           | 2              | 0.5       | 2                   | 0.2            | 0              | 0.0       | 0                   | 0.0            | 2              | 0.5       | 2                   | 0.2            |
| REPORTED DRINKING             | 15             | 3.6       | 56                  | 4.4            | 0              | 0.0       | 2                   | 2.4            | 15             | 3.9       | 54                  | 4.6            |
| REPORTED SMOKING              | 65             | 15.6      | 202                 | 16.0           | 3              | 10.7      | 8                   | 9.2            | 62             | 16.1      | 194                 | 16.6           |
| UNWED                         | 207            | 49.4      | 593                 | 46.6           | 3              | 10.7      | 11                  | 12.5           | 202            | 52.2      | 577                 | 49.1           |
| <b>EDUCATION</b>              |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <12 YEARS                     | 95             | 23.1      | 266                 | 21.6           | 0              | 0.0       | 2                   | 2.4            | 95             | 25.1      | 264                 | 23.2           |
| 12 YEARS                      | 254            | 61.8      | 791                 | 64.3           | 5              | 17.9      | 18                  | 22.0           | 248            | 65.4      | 770                 | 67.5           |
| 12+ YEARS                     | 62             | 15.1      | 173                 | 14.1           | 23             | 82.1      | 62                  | 75.6           | 36             | 9.5       | 106                 | 9.3            |
| <b>PRENATAL CARE</b>          |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <b>TRIMESTER CARE BEGAN</b>   |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| 1ST TRIMESTER                 | 235            | 59.0      | 752                 | 61.2           | 25             | 89.3      | 64                  | 77.1           | 206            | 56.3      | 679                 | 59.8           |
| 3RD TRIMESTER                 | 35             | 8.8       | 108                 | 8.8            | 0              | 0.0       | 6                   | 7.2            | 35             | 9.6       | 102                 | 9.0            |
| NO PRENATAL CARE              | 2              | 0.5       | 8                   | 0.7            | 0              | 0.0       | 1                   | 1.3            | 2              | 0.5       | 7                   | 0.6            |
| <b>APNCU INDEX</b>            |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| ADEQUATE+                     | 54             | 13.8      | 139                 | 11.4           | 7              | 28.0      | 17                  | 21.5           | 46             | 12.7      | 121                 | 10.7           |
| ADEQUATE                      | 85             | 21.7      | 256                 | 21.1           | 10             | 40.0      | 30                  | 38.0           | 74             | 20.4      | 223                 | 19.8           |
| INTERMEDIATE                  | 93             | 23.8      | 330                 | 27.2           | 5              | 20.0      | 15                  | 19.0           | 87             | 24.0      | 311                 | 27.6           |
| INADEQUATE                    | 159            | 40.7      | 490                 | 40.3           | 3              | 12.0      | 17                  | 21.5           | 156            | 43.0      | 472                 | 41.9           |
| <b>KESSNER INDEX</b>          |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| ADEQUATE                      | 132            | 33.4      | 390                 | 31.9           | 21             | 84.0      | 56                  | 70.9           | 108            | 29.4      | 328                 | 28.9           |
| INTERMEDIATE                  | 226            | 57.2      | 716                 | 58.6           | 4              | 16.0      | 16                  | 20.3           | 222            | 60.5      | 697                 | 61.5           |
| INADEQUATE                    | 37             | 9.4       | 116                 | 9.5            | 0              | 0.0       | 7                   | 8.9            | 37             | 10.1      | 109                 | 9.6            |
| <b>C-SECTION BIRTHS</b>       | 44             | 10.6      | 124                 | 9.8            | 6              | 21.4      | 20                  | 23.0           | 36             | 9.4       | 100                 | 8.6            |
| <b>PRE-TERM BIRTHS</b>        | 80             | 19.1      | 214                 | 16.8           | 4              | 14.3      | 5                   | 5.7            | 76             | 19.6      | 207                 | 17.6           |
| <b>LOW BIRTHWEIGHT</b>        | 27             | 6.5       | 76                  | 6.0            | 1              | 3.6       | 1                   | 1.1            | 26             | 6.8       | 74                  | 6.3            |

Note: Unknown responses are excluded from the denominator when calculating percentages.

(1) Birth rate per 1,000 population. Population estimates by race by census area are only available for 2003. Therefore, three year rates are unavailable.

(2) Population estimates by census area for 15-17 and 18-19 are not available for 2003. Therefore, rates for these age groups are unavailable.

(3) Fertility rate per 1,000 female population ages 15-44. Population estimates by race by census area are only available for 2003. Therefore, three year rates are unavailable.

\* Rates based on fewer than 10 occurrences are statistically unreliable and should be used with caution.

\*\* Data suppressed for confidentiality concerns if total births to residents, by race, is less than five observations.

**TABLE 2** **SELECTED BIRTH STATISTICS REPORTED BY MOTHER'S RACE:**  
**2003 AND 2001-2003**  
**BRISTOL BAY BOROUGH**

|                            | TOTAL          |               |                     |                    | WHITE          |               |                     |                    | NATIVE         |               |                     |                    |
|----------------------------|----------------|---------------|---------------------|--------------------|----------------|---------------|---------------------|--------------------|----------------|---------------|---------------------|--------------------|
|                            | 2003<br>NUMBER | 2003<br>RATE* | 2001-2003<br>NUMBER | 2001-2003<br>RATE* | 2003<br>NUMBER | 2003<br>RATE* | 2001-2003<br>NUMBER | 2001-2003<br>RATE* | 2003<br>NUMBER | 2003<br>RATE* | 2001-2003<br>NUMBER | 2001-2003<br>RATE* |
| <b>BIRTH RATES (1)</b>     |                |               |                     |                    |                |               |                     |                    |                |               |                     |                    |
| CRUDE BIRTH RATE           | 9              | 8.2 *         | 42                  | 12.2               | 6              | 10.6 *        | 29                  |                    | 3              | 6.0 *         | 12                  |                    |
| <b>TEEN BIRTH RATE (2)</b> |                |               |                     |                    |                |               |                     |                    |                |               |                     |                    |
| 15-17                      | 0              |               | 1                   |                    | 0              |               | 0                   |                    | 0              |               | 1                   |                    |
| 18-19                      | 0              |               | 2                   |                    | 0              |               | 2                   |                    | 0              |               | 0                   |                    |
| 15-19                      | 0              | 0.0           | 3                   | 21.9 *             | 0              | 0.0           | 2                   |                    | 0              | 0.0           | 1                   |                    |
| FERTILITY RATE (3)         | 9              | 40.5 *        | 42                  | 59.9               | 6              | 49.2 *        | 29                  |                    | 3              | 35.7 *        | 12                  |                    |

|                               | TOTAL          |           |                     |                | WHITE          |           |                     |                | NATIVE         |           |                     |                |
|-------------------------------|----------------|-----------|---------------------|----------------|----------------|-----------|---------------------|----------------|----------------|-----------|---------------------|----------------|
|                               | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% |
| <b>BIRTHS</b>                 |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| WITHIN AREA                   | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            |
| TO RESIDENTS                  | 9              | 100.0     | 42                  | 100.0          | 6              | 66.7      | 29                  | 69.0           | 3              | 33.3      | 12                  | 28.6           |
| <b>FACILITY</b>               |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| HOSPITAL                      | 8              | 88.9      | 40                  | 95.2           | 5              | 83.3      | 27                  | 93.1           | 3              | 100.0     | 12                  | 100.0          |
| BIRTHING CENTER               | 0              | 0.0       | 1                   | 2.4            | 0              | 0.0       | 1                   | 3.4            | 0              | 0.0       | 0                   | 0.0            |
| HOME                          | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            |
| OTHER                         | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            |
| OUTSIDE ALASKA                | 1              | 11.1      | 1                   | 2.4            | 1              | 16.7      | 1                   | 3.4            | 0              | 0.0       | 0                   | 0.0            |
| <b>MOTHER CHARACTERISTICS</b> |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <b>AGE GROUP</b>              |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <15                           | 0              | 0.0       | 0                   | 0.0            | **             | **        | 0                   | 0.0            | **             | **        | 0                   | 0.0            |
| 15-19                         | 0              | 0.0       | 3                   | 7.1            | **             | **        | 2                   | 6.9            | **             | **        | 1                   | 8.3            |
| 20-24                         | 2              | 22.2      | 9                   | 21.4           | **             | **        | 8                   | 27.6           | **             | **        | 0                   | 0.0            |
| 25-29                         | 3              | 33.3      | 16                  | 38.1           | **             | **        | 8                   | 27.6           | **             | **        | 8                   | 66.7           |
| 30-34                         | 2              | 22.2      | 7                   | 16.7           | **             | **        | 4                   | 13.8           | **             | **        | 3                   | 25.0           |
| 35-39                         | 2              | 22.2      | 3                   | 7.1            | **             | **        | 3                   | 10.3           | **             | **        | 0                   | 0.0            |
| 40-44                         | 0              | 0.0       | 4                   | 9.5            | **             | **        | 4                   | 13.8           | **             | **        | 0                   | 0.0            |
| 45+                           | 0              | 0.0       | 0                   | 0.0            | **             | **        | 0                   | 0.0            | **             | **        | 0                   | 0.0            |
| REPORTED DRINKING             | 0              | 0.0       | 0                   | 0.0            | **             | **        | 0                   | 0.0            | **             | **        | 0                   | 0.0            |
| REPORTED SMOKING              | 1              | 11.1      | 12                  | 28.6           | **             | **        | 6                   | 20.7           | **             | **        | 6                   | 50.0           |
| UNWED                         | 3              | 33.3      | 15                  | 35.7           | **             | **        | 11                  | 37.9           | **             | **        | 4                   | 33.3           |
| <b>EDUCATION</b>              |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <12 YEARS                     | 0              | 0.0       | 2                   | 5.0            | **             | **        | 1                   | 3.7            | **             | **        | 1                   | 8.3            |
| 12 YEARS                      | 3              | 42.9      | 18                  | 45.0           | **             | **        | 13                  | 48.1           | **             | **        | 5                   | 41.7           |
| 12+ YEARS                     | 4              | 57.1      | 20                  | 50.0           | **             | **        | 13                  | 48.1           | **             | **        | 6                   | 50.0           |
| <b>PRENATAL CARE</b>          |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <b>TRIMESTER CARE BEGAN</b>   |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| 1ST TRIMESTER                 | 7              | 87.5      | 35                  | 85.4           | **             | **        | 24                  | 85.7           | **             | **        | 10                  | 83.3           |
| 3RD TRIMESTER                 | 1              | 12.5      | 4                   | 9.8            | **             | **        | 3                   | 10.7           | **             | **        | 1                   | 8.3            |
| NO PRENATAL CARE              | 0              | 0.0       | 0                   | 0.0            | **             | **        | 0                   | 0.0            | **             | **        | 0                   | 0.0            |
| <b>APNCU INDEX</b>            |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| ADEQUATE+                     | 0              | 0.0       | 1                   | 2.5            | **             | **        | 0                   | 0.0            | **             | **        | 1                   | 8.3            |
| ADEQUATE                      | 5              | 62.5      | 17                  | 42.5           | **             | **        | 13                  | 48.1           | **             | **        | 4                   | 33.3           |
| INTERMEDIATE                  | 2              | 25.0      | 15                  | 37.5           | **             | **        | 9                   | 33.3           | **             | **        | 5                   | 41.7           |
| INADEQUATE                    | 1              | 12.5      | 7                   | 17.5           | **             | **        | 5                   | 18.5           | **             | **        | 2                   | 16.7           |
| <b>KESSNER INDEX</b>          |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| ADEQUATE                      | 5              | 62.5      | 25                  | 62.5           | **             | **        | 18                  | 66.7           | **             | **        | 6                   | 50.0           |
| INTERMEDIATE                  | 2              | 25.0      | 11                  | 27.5           | **             | **        | 6                   | 22.2           | **             | **        | 5                   | 41.7           |
| INADEQUATE                    | 1              | 12.5      | 4                   | 10.0           | **             | **        | 3                   | 11.1           | **             | **        | 1                   | 8.3            |
| <b>C-SECTION BIRTHS</b>       | 1              | 12.5      | 11                  | 26.8           | **             | **        | 8                   | 28.6           | **             | **        | 3                   | 25.0           |
| <b>PRE-TERM BIRTHS</b>        | 1              | 11.1      | 3                   | 7.1            | **             | **        | 1                   | 3.4            | **             | **        | 2                   | 16.7           |
| <b>LOW BIRTHWEIGHT</b>        | 0              | 0.0       | 0                   | 0.0            | **             | **        | 0                   | 0.0            | **             | **        | 0                   | 0.0            |

Note: Unknown responses are excluded from the denominator when calculating percentages.

- (1) Birth rate per 1,000 population. Population estimates by race by census area are only available for 2003. Therefore, three year rates are unavailable.
- (2) Population estimates by census area for 15-17 and 18-19 are not available for 2003. Therefore, rates for these age groups are unavailable.
- (3) Fertility rate per 1,000 female population ages 15-44. Population estimates by race by census area are only available for 2003. Therefore, three year rates are unavailable.

\* Rates based on fewer than 10 occurrences are statistically unreliable and should be used with caution.

\*\* Data suppressed for confidentiality concerns if total births to residents, by race, is less than five observations.

**TABLE 2 SELECTED BIRTH STATISTICS REPORTED BY MOTHER'S RACE:  
2003 AND 2001-2003  
DENALI BOROUGH**

|                            | TOTAL          |               |                     |                    | WHITE          |               |                     |                    | NATIVE         |               |                     |                    |
|----------------------------|----------------|---------------|---------------------|--------------------|----------------|---------------|---------------------|--------------------|----------------|---------------|---------------------|--------------------|
|                            | 2003<br>NUMBER | 2003<br>RATE* | 2001-2003<br>NUMBER | 2001-2003<br>RATE* | 2003<br>NUMBER | 2003<br>RATE* | 2001-2003<br>NUMBER | 2001-2003<br>RATE* | 2003<br>NUMBER | 2003<br>RATE* | 2001-2003<br>NUMBER | 2001-2003<br>RATE* |
| <b>BIRTH RATES (1)</b>     |                |               |                     |                    |                |               |                     |                    |                |               |                     |                    |
| CRUDE BIRTH RATE           | 28             | 14.6          | 74                  | 13.0               | 24             | 14.4          | 65                  |                    | 0              | 0.0           | 2                   |                    |
| <b>TEEN BIRTH RATE (2)</b> |                |               |                     |                    |                |               |                     |                    |                |               |                     |                    |
| 15-17                      | 0              |               | 2                   |                    | 0              |               | 2                   |                    | 0              |               | 0                   |                    |
| 18-19                      | 2              |               | 3                   |                    | 1              |               | 2                   |                    | 0              |               | 0                   |                    |
| 15-19                      | 2              | 32.8 *        | 5                   | 25.5 *             | 1              | 18.2 *        | 4                   |                    | 0              | 0.0           | 0                   |                    |
| FERTILITY RATE (3)         | 28             | 75.7          | 74                  | 64.5               | 24             | 75.9          | 65                  |                    | 0              | 0.0           | 2                   |                    |

|                               | TOTAL          |           |                     |                | WHITE          |           |                     |                | NATIVE         |           |                     |                |
|-------------------------------|----------------|-----------|---------------------|----------------|----------------|-----------|---------------------|----------------|----------------|-----------|---------------------|----------------|
|                               | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% |
| <b>BIRTHS</b>                 |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| WITHIN AREA                   | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            |
| TO RESIDENTS                  | 28             | 100.0     | 74                  | 100.0          | 24             | 85.7      | 65                  | 87.8           | 0              | 0.0       | 2                   | 2.7            |
| <b>FACILITY</b>               |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| HOSPITAL                      | 28             | 100.0     | 71                  | 95.9           | 24             | 100.0     | 62                  | 95.4           | 0              | 0.0       | 2                   | 100.0          |
| BIRTHING CENTER               | 0              | 0.0       | 3                   | 4.1            | 0              | 0.0       | 3                   | 4.6            | 0              | 0.0       | 0                   | 0.0            |
| HOME                          | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            |
| OTHER                         | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            |
| OUTSIDE ALASKA                | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            |
| <b>MOTHER CHARACTERISTICS</b> |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <b>AGE GROUP</b>              |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <15                           | 0              | 0.0       | 0                   | 0.0            | **             | **        | **                  | **             | **             | **        | **                  | **             |
| 15-19                         | 2              | 7.1       | 5                   | 6.8            | **             | **        | **                  | **             | **             | **        | **                  | **             |
| 20-24                         | 5              | 17.9      | 16                  | 21.6           | **             | **        | **                  | **             | **             | **        | **                  | **             |
| 25-29                         | 7              | 25.0      | 21                  | 28.4           | **             | **        | **                  | **             | **             | **        | **                  | **             |
| 30-34                         | 10             | 35.7      | 19                  | 25.7           | **             | **        | **                  | **             | **             | **        | **                  | **             |
| 35-39                         | 4              | 14.3      | 8                   | 10.8           | **             | **        | **                  | **             | **             | **        | **                  | **             |
| 40-44                         | 0              | 0.0       | 5                   | 6.8            | **             | **        | **                  | **             | **             | **        | **                  | **             |
| 45+                           | 0              | 0.0       | 0                   | 0.0            | **             | **        | **                  | **             | **             | **        | **                  | **             |
| REPORTED DRINKING             | 0              | 0.0       | 1                   | 1.4            | **             | **        | **                  | **             | **             | **        | **                  | **             |
| REPORTED SMOKING              | 3              | 10.7      | 14                  | 18.9           | **             | **        | **                  | **             | **             | **        | **                  | **             |
| UNWED                         | 2              | 7.1       | 11                  | 14.9           | **             | **        | **                  | **             | **             | **        | **                  | **             |
| <b>EDUCATION</b>              |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <12 YEARS                     | 3              | 11.5      | 6                   | 8.6            | **             | **        | **                  | **             | **             | **        | **                  | **             |
| 12 YEARS                      | 7              | 26.9      | 31                  | 44.3           | **             | **        | **                  | **             | **             | **        | **                  | **             |
| 12+ YEARS                     | 16             | 61.5      | 33                  | 47.1           | **             | **        | **                  | **             | **             | **        | **                  | **             |
| <b>PRENATAL CARE</b>          |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <b>TRIMESTER CARE BEGAN</b>   |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| 1ST TRIMESTER                 | 21             | 77.8      | 57                  | 78.1           | **             | **        | **                  | **             | **             | **        | **                  | **             |
| 3RD TRIMESTER                 | 0              | 0.0       | 2                   | 2.7            | **             | **        | **                  | **             | **             | **        | **                  | **             |
| NO PRENATAL CARE              | 0              | 0.0       | 0                   | 0.0            | **             | **        | **                  | **             | **             | **        | **                  | **             |
| <b>APNCU INDEX</b>            |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| ADEQUATE+                     | 4              | 15.4      | 8                   | 11.1           | **             | **        | **                  | **             | **             | **        | **                  | **             |
| ADEQUATE                      | 7              | 26.9      | 20                  | 27.8           | **             | **        | **                  | **             | **             | **        | **                  | **             |
| INTERMEDIATE                  | 11             | 42.3      | 31                  | 43.1           | **             | **        | **                  | **             | **             | **        | **                  | **             |
| INADEQUATE                    | 4              | 15.4      | 13                  | 18.1           | **             | **        | **                  | **             | **             | **        | **                  | **             |
| <b>KESSNER INDEX</b>          |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| ADEQUATE                      | 10             | 38.5      | 35                  | 48.6           | **             | **        | **                  | **             | **             | **        | **                  | **             |
| INTERMEDIATE                  | 16             | 61.5      | 35                  | 48.6           | **             | **        | **                  | **             | **             | **        | **                  | **             |
| INADEQUATE                    | 0              | 0.0       | 2                   | 2.8            | **             | **        | **                  | **             | **             | **        | **                  | **             |
| <b>C-SECTION BIRTHS</b>       | 6              | 21.4      | 10                  | 13.5           | **             | **        | **                  | **             | **             | **        | **                  | **             |
| <b>PRE-TERM BIRTHS</b>        | 2              | 7.1       | 4                   | 5.4            | **             | **        | **                  | **             | **             | **        | **                  | **             |
| <b>LOW BIRTHWEIGHT</b>        | 2              | 7.1       | 3                   | 4.1            | **             | **        | **                  | **             | **             | **        | **                  | **             |

Note: Unknown responses are excluded from the denominator when calculating percentages.

(1) Birth rate per 1,000 population. Population estimates by race by census area are only available for 2003. Therefore, three year rates are unavailable.

(2) Population estimates by census area for 15-17 and 18-19 are not available for 2003. Therefore, rates for these age groups are unavailable.

(3) Fertility rate per 1,000 female population ages 15-44. Population estimates by race by census area are only available for 2003. Therefore, three year rates are unavailable.

\* Rates based on fewer than 10 occurrences are statistically unreliable and should be used with caution.

\*\* Data suppressed for confidentiality concerns if total births to residents, by race, is less than five observations.

**TABLE 2** **SELECTED BIRTH STATISTICS REPORTED BY MOTHER'S RACE:**  
**2003 AND 2001-2003**  
**DILLINGHAM CENSUS AREA**

|                            | TOTAL          |               |                     |                    | WHITE          |               |                     |                    | NATIVE         |               |                     |                    |
|----------------------------|----------------|---------------|---------------------|--------------------|----------------|---------------|---------------------|--------------------|----------------|---------------|---------------------|--------------------|
|                            | 2003<br>NUMBER | 2003<br>RATE* | 2001-2003<br>NUMBER | 2001-2003<br>RATE* | 2003<br>NUMBER | 2003<br>RATE* | 2001-2003<br>NUMBER | 2001-2003<br>RATE* | 2003<br>NUMBER | 2003<br>RATE* | 2001-2003<br>NUMBER | 2001-2003<br>RATE* |
| <b>BIRTH RATES (1)</b>     |                |               |                     |                    |                |               |                     |                    |                |               |                     |                    |
| CRUDE BIRTH RATE           | 80             | 16.3          | 271                 | 18.4               | 7              | 6.0 *         | 41                  |                    | 72             | 19.9          | 227                 |                    |
| <b>TEEN BIRTH RATE (2)</b> |                |               |                     |                    |                |               |                     |                    |                |               |                     |                    |
| 15-17                      | 2              |               | 14                  |                    | 0              |               | 0                   |                    | 2              |               | 14                  |                    |
| 18-19                      | 8              |               | 22                  |                    | 0              |               | 0                   |                    | 8              |               | 22                  |                    |
| 15-19                      | 10             | 44.8          | 36                  | 56.0               | 0              | 0.0           | 0                   |                    | 10             | 52.4          | 36                  |                    |
| FERTILITY RATE (3)         | 80             | 81.9          | 271                 | 91.9               | 7              | 31.0 *        | 41                  |                    | 72             | 99.3          | 227                 |                    |

|                               | TOTAL          |           |                     |                | WHITE          |           |                     |                | NATIVE         |           |                     |                |
|-------------------------------|----------------|-----------|---------------------|----------------|----------------|-----------|---------------------|----------------|----------------|-----------|---------------------|----------------|
|                               | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% |
| <b>BIRTHS</b>                 |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| WITHIN AREA                   | 48             | 100.0     | 154                 | 100.0          | 3              | 6.3       | 10                  | 6.5            | 45             | 93.8      | 142                 | 92.2           |
| TO RESIDENTS                  | 80             | 100.0     | 271                 | 100.0          | 7              | 8.8       | 41                  | 15.1           | 72             | 90.0      | 227                 | 83.8           |
| <b>FACILITY</b>               |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| HOSPITAL                      | 77             | 96.3      | 255                 | 94.1           | 4              | 57.1      | 29                  | 70.7           | 72             | 100.0     | 224                 | 98.7           |
| BIRTHING CENTER               | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            |
| HOME                          | 2              | 2.5       | 4                   | 1.5            | 2              | 28.6      | 3                   | 7.3            | 0              | 0.0       | 1                   | 0.4            |
| OTHER                         | 0              | 0.0       | 3                   | 1.1            | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 2                   | 0.9            |
| OUTSIDE ALASKA                | 1              | 1.3       | 9                   | 3.3            | 1              | 14.3      | 9                   | 22.0           | 0              | 0.0       | 0                   | 0.0            |
| <b>MOTHER CHARACTERISTICS</b> |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <b>AGE GROUP</b>              |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <15                           | 0              | 0.0       | 1                   | 0.4            | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 1                   | 0.4            |
| 15-19                         | 10             | 12.5      | 36                  | 13.3           | 0              | 0.0       | 0                   | 0.0            | 10             | 13.9      | 36                  | 15.9           |
| 20-24                         | 23             | 28.8      | 76                  | 28.0           | 2              | 28.6      | 6                   | 14.6           | 21             | 29.2      | 70                  | 30.8           |
| 25-29                         | 19             | 23.8      | 70                  | 25.8           | 1              | 14.3      | 13                  | 31.7           | 18             | 25.0      | 56                  | 24.7           |
| 30-34                         | 13             | 16.3      | 51                  | 18.8           | 2              | 28.6      | 15                  | 36.6           | 10             | 13.9      | 35                  | 15.4           |
| 35-39                         | 11             | 13.8      | 31                  | 11.4           | 1              | 14.3      | 5                   | 12.2           | 10             | 13.9      | 25                  | 11.0           |
| 40-44                         | 4              | 5.0       | 5                   | 1.8            | 1              | 14.3      | 2                   | 4.9            | 3              | 4.2       | 3                   | 1.3            |
| 45+                           | 0              | 0.0       | 1                   | 0.4            | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 1                   | 0.4            |
| REPORTED DRINKING             | 5              | 6.3       | 18                  | 6.7            | 0              | 0.0       | 5                   | 12.5           | 5              | 6.9       | 13                  | 5.7            |
| REPORTED SMOKING              | 29             | 36.3      | 114                 | 42.1           | 0              | 0.0       | 6                   | 14.6           | 29             | 40.3      | 108                 | 47.6           |
| UNWED                         | 46             | 57.5      | 140                 | 51.9           | 0              | 0.0       | 8                   | 20.0           | 46             | 63.9      | 131                 | 57.7           |
| <b>EDUCATION</b>              |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <12 YEARS                     | 11             | 13.8      | 47                  | 17.5           | 0              | 0.0       | 1                   | 2.5            | 11             | 15.3      | 46                  | 20.4           |
| 12 YEARS                      | 44             | 55.0      | 147                 | 54.9           | 1              | 14.3      | 9                   | 22.5           | 43             | 59.7      | 137                 | 60.9           |
| 12+ YEARS                     | 25             | 31.3      | 74                  | 27.6           | 6              | 85.7      | 30                  | 75.0           | 18             | 25.0      | 42                  | 18.7           |
| <b>PRENATAL CARE</b>          |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <b>TRIMESTER CARE BEGAN</b>   |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| 1ST TRIMESTER                 | 59             | 73.8      | 195                 | 72.2           | 7              | 100.0     | 34                  | 82.9           | 51             | 70.8      | 158                 | 69.9           |
| 3RD TRIMESTER                 | 3              | 3.8       | 26                  | 9.6            | 0              | 0.0       | 3                   | 7.3            | 3              | 4.2       | 23                  | 10.2           |
| NO PRENATAL CARE              | 0              | 0.0       | 1                   | 0.4            | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 1                   | 0.4            |
| <b>APNCU INDEX</b>            |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| ADEQUATE+                     | 17             | 21.3      | 62                  | 23.2           | 3              | 42.9      | 14                  | 36.8           | 14             | 19.4      | 48                  | 21.2           |
| ADEQUATE                      | 14             | 17.5      | 66                  | 24.7           | 2              | 28.6      | 13                  | 34.2           | 11             | 15.3      | 51                  | 22.6           |
| INTERMEDIATE                  | 26             | 32.5      | 61                  | 22.8           | 2              | 28.6      | 6                   | 15.8           | 24             | 33.3      | 54                  | 23.9           |
| INADEQUATE                    | 23             | 28.8      | 78                  | 29.2           | 0              | 0.0       | 5                   | 13.2           | 23             | 31.9      | 73                  | 32.3           |
| <b>KESSNER INDEX</b>          |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| ADEQUATE                      | 38             | 47.5      | 134                 | 50.0           | 7              | 100.0     | 27                  | 71.1           | 30             | 41.7      | 105                 | 46.3           |
| INTERMEDIATE                  | 39             | 48.8      | 107                 | 39.9           | 0              | 0.0       | 8                   | 21.1           | 39             | 54.2      | 98                  | 43.2           |
| INADEQUATE                    | 3              | 3.8       | 27                  | 10.1           | 0              | 0.0       | 3                   | 7.9            | 3              | 4.2       | 24                  | 10.6           |
| <b>C-SECTION BIRTHS</b>       | 4              | 5.0       | 27                  | 10.0           | 3              | 42.9      | 16                  | 39.0           | 1              | 1.4       | 11                  | 4.8            |
| <b>PRE-TERM BIRTHS</b>        | 10             | 12.5      | 43                  | 15.9           | 0              | 0.0       | 6                   | 14.6           | 10             | 13.9      | 36                  | 15.9           |
| <b>LOW BIRTHWEIGHT</b>        | 5              | 6.3       | 18                  | 6.6            | 0              | 0.0       | 2                   | 4.9            | 5              | 6.9       | 16                  | 7.0            |

Note: Unknown responses are excluded from the denominator when calculating percentages.

- (1) Birth rate per 1,000 population. Population estimates by race by census area are only available for 2003. Therefore, three year rates are unavailable.
- (2) Population estimates by census area for 15-17 and 18-19 are not available for 2003. Therefore, rates for these age groups are unavailable.
- (3) Fertility rate per 1,000 female population ages 15-44. Population estimates by race by census area are only available for 2003. Therefore, three year rates are unavailable.

\* Rates based on fewer than 10 occurrences are statistically unreliable and should be used with caution.

\*\* Data suppressed for confidentiality concerns if total births to residents, by race, is less than five observations.

**TABLE 2 SELECTED BIRTH STATISTICS REPORTED BY MOTHER'S RACE:  
2003 AND 2001-2003  
FAIRBANKS NORTH STAR BOROUGH**

|                            | TOTAL          |               |                     |                    | WHITE          |               |                     |                    | NATIVE         |               |                     |                    |
|----------------------------|----------------|---------------|---------------------|--------------------|----------------|---------------|---------------------|--------------------|----------------|---------------|---------------------|--------------------|
|                            | 2003<br>NUMBER | 2003<br>RATE* | 2001-2003<br>NUMBER | 2001-2003<br>RATE* | 2003<br>NUMBER | 2003<br>RATE* | 2001-2003<br>NUMBER | 2001-2003<br>RATE* | 2003<br>NUMBER | 2003<br>RATE* | 2001-2003<br>NUMBER | 2001-2003<br>RATE* |
| <b>BIRTH RATES (1)</b>     |                |               |                     |                    |                |               |                     |                    |                |               |                     |                    |
| CRUDE BIRTH RATE           | 1,565          | 19.1          | 4,568               | 18.2               | 1,216          | 18.7          | 3,483               |                    | 139            | 18.8          | 439                 |                    |
| <b>TEEN BIRTH RATE (2)</b> |                |               |                     |                    |                |               |                     |                    |                |               |                     |                    |
| 15-17                      | 32             |               | 104                 |                    | 20             |               | 69                  |                    | 4              |               | 21                  |                    |
| 18-19                      | 115            |               | 306                 |                    | 78             |               | 208                 |                    | 23             |               | 58                  |                    |
| 15-19                      | 147            | 46.2          | 410                 | 43.2               | 98             | 40.4          | 277                 |                    | 27             | 71.1          | 79                  |                    |
| FERTILITY RATE (3)         | 1,565          | 84.1          | 4,568               | 79.3               | 1,216          | 84.5          | 3,483               |                    | 139            | 75.4          | 439                 |                    |

|                               | TOTAL          |           |                     |                | WHITE          |           |                     |                | NATIVE         |           |                     |                |
|-------------------------------|----------------|-----------|---------------------|----------------|----------------|-----------|---------------------|----------------|----------------|-----------|---------------------|----------------|
|                               | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% |
| <b>BIRTHS</b>                 |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| WITHIN AREA                   | 1,708          | 100.0     | 5,057               | 100.0          | 1,273          | 74.5      | 3,733               | 73.8           | 224            | 13.1      | 673                 | 13.3           |
| TO RESIDENTS                  | 1,565          | 100.0     | 4,568               | 100.0          | 1,216          | 77.7      | 3,483               | 76.2           | 139            | 8.9       | 439                 | 9.6            |
| <b>FACILITY</b>               |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| HOSPITAL                      | 1,496          | 95.6      | 4,362               | 95.5           | 1,155          | 95.0      | 3,297               | 94.7           | 137            | 98.6      | 434                 | 98.9           |
| BIRTHING CENTER               | 34             | 2.2       | 130                 | 2.8            | 31             | 2.5       | 122                 | 3.5            | 1              | 0.7       | 2                   | 0.5            |
| HOME                          | 22             | 1.4       | 47                  | 1.0            | 20             | 1.6       | 42                  | 1.2            | 1              | 0.7       | 1                   | 0.2            |
| OTHER                         | 0              | 0.0       | 1                   | 0.0            | 0              | 0.0       | 1                   | 0.0            | 0              | 0.0       | 0                   | 0.0            |
| OUTSIDE ALASKA                | 13             | 0.8       | 28                  | 0.6            | 10             | 0.8       | 21                  | 0.6            | 0              | 0.0       | 2                   | 0.5            |
| <b>MOTHER CHARACTERISTICS</b> |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <b>AGE GROUP</b>              |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <15                           | 1              | 0.1       | 4                   | 0.1            | 0              | 0.0       | 2                   | 0.1            | 1              | 0.7       | 2                   | 0.5            |
| 15-19                         | 147            | 9.4       | 410                 | 9.0            | 98             | 8.1       | 277                 | 8.0            | 27             | 19.4      | 79                  | 18.0           |
| 20-24                         | 499            | 31.9      | 1,489               | 32.6           | 388            | 32.0      | 1,107               | 31.8           | 45             | 32.4      | 148                 | 33.7           |
| 25-29                         | 450            | 28.8      | 1,300               | 28.5           | 352            | 29.0      | 1,003               | 28.8           | 36             | 25.9      | 120                 | 27.3           |
| 30-34                         | 296            | 18.9      | 851                 | 18.6           | 242            | 19.9      | 683                 | 19.6           | 19             | 13.7      | 58                  | 13.2           |
| 35-39                         | 132            | 8.4       | 408                 | 8.9            | 102            | 8.4       | 321                 | 9.2            | 9              | 6.5       | 26                  | 5.9            |
| 40-44                         | 36             | 2.3       | 100                 | 2.2            | 30             | 2.5       | 85                  | 2.4            | 2              | 1.4       | 6                   | 1.4            |
| 45+                           | 2              | 0.1       | 4                   | 0.1            | 2              | 0.2       | 3                   | 0.1            | 0              | 0.0       | 0                   | 0.0            |
| REPORTED DRINKING             | 11             | 0.7       | 31                  | 0.7            | 6              | 0.5       | 17                  | 0.5            | 4              | 2.9       | 12                  | 2.8            |
| REPORTED SMOKING              | 186            | 11.9      | 583                 | 12.8           | 147            | 12.1      | 425                 | 12.2           | 28             | 20.1      | 115                 | 26.3           |
| UNWED                         | 356            | 22.8      | 1,062               | 23.3           | 227            | 18.7      | 639                 | 18.4           | 78             | 56.1      | 265                 | 60.4           |
| <b>EDUCATION</b>              |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <12 YEARS                     | 120            | 8.1       | 385                 | 8.9            | 91             | 7.7       | 270                 | 7.9            | 14             | 10.5      | 75                  | 18.3           |
| 12 YEARS                      | 626            | 42.2      | 1,816               | 41.8           | 478            | 40.6      | 1,369               | 40.3           | 78             | 58.6      | 214                 | 52.3           |
| 12+ YEARS                     | 736            | 49.7      | 2,148               | 49.4           | 607            | 51.6      | 1,758               | 51.8           | 41             | 30.8      | 120                 | 29.3           |
| <b>PRENATAL CARE</b>          |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <b>TRIMESTER CARE BEGAN</b>   |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| 1ST TRIMESTER                 | 1,229          | 80.0      | 3,586               | 80.3           | 969            | 81.0      | 2,799               | 81.9           | 98             | 72.6      | 297                 | 70.7           |
| 3RD TRIMESTER                 | 83             | 5.4       | 192                 | 4.3            | 65             | 5.4       | 138                 | 4.0            | 6              | 4.4       | 23                  | 5.5            |
| NO PRENATAL CARE              | 4              | 0.3       | 10                  | 0.2            | 3              | 0.3       | 8                   | 0.2            | 0              | 0.0       | 0                   | 0.0            |
| <b>APNCU INDEX</b>            |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| ADEQUATE+                     | 320            | 20.8      | 977                 | 21.9           | 262            | 21.9      | 760                 | 22.2           | 17             | 12.6      | 69                  | 16.4           |
| ADEQUATE                      | 674            | 43.9      | 1,917               | 43.0           | 514            | 43.0      | 1,506               | 44.1           | 65             | 48.1      | 158                 | 37.6           |
| INTERMEDIATE                  | 302            | 19.7      | 910                 | 20.4           | 235            | 19.6      | 683                 | 20.0           | 28             | 20.7      | 98                  | 23.3           |
| INADEQUATE                    | 240            | 15.6      | 657                 | 14.7           | 185            | 15.5      | 467                 | 13.7           | 25             | 18.5      | 95                  | 22.6           |
| <b>KESSNER INDEX</b>          |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| ADEQUATE                      | 1,043          | 67.9      | 3,046               | 68.2           | 829            | 69.3      | 2,406               | 70.4           | 83             | 61.5      | 236                 | 56.2           |
| INTERMEDIATE                  | 407            | 26.5      | 1,216               | 27.2           | 300            | 25.1      | 867                 | 25.4           | 46             | 34.1      | 161                 | 38.3           |
| INADEQUATE                    | 87             | 5.7       | 202                 | 4.5            | 68             | 5.7       | 146                 | 4.3            | 6              | 4.4       | 23                  | 5.5            |
| <b>C-SECTION BIRTHS</b>       | 335            | 21.6      | 840                 | 18.5           | 265            | 22.0      | 642                 | 18.6           | 20             | 14.4      | 64                  | 14.6           |
| <b>PRE-TERM BIRTHS</b>        | 151            | 9.7       | 418                 | 9.2            | 102            | 8.4       | 285                 | 8.2            | 14             | 10.1      | 47                  | 10.7           |
| <b>LOW BIRTHWEIGHT</b>        | 82             | 5.3       | 235                 | 5.2            | 58             | 4.8       | 172                 | 5.0            | 7              | 5.0       | 17                  | 3.9            |

Note: Unknown responses are excluded from the denominator when calculating percentages.

(1) Birth rate per 1,000 population. Population estimates by race by census area are only available for 2003. Therefore, three year rates are unavailable.

(2) Population estimates by census area for 15-17 and 18-19 are not available for 2003. Therefore, rates for these age groups are unavailable.

(3) Fertility rate per 1,000 female population ages 15-44. Population estimates by race by census area are only available for 2003. Therefore, three year rates are unavailable.

\* Rates based on fewer than 10 occurrences are statistically unreliable and should be used with caution.

\*\* Data suppressed for confidentiality concerns if total births to residents, by race, is less than five observations.

**TABLE 2** **SELECTED BIRTH STATISTICS REPORTED BY MOTHER'S RACE:**  
**2003 AND 2001-2003**  
**HAINES BOROUGH**

|                            | TOTAL          |               |                     |                    | WHITE          |               |                     |                    | NATIVE         |               |                     |                    |
|----------------------------|----------------|---------------|---------------------|--------------------|----------------|---------------|---------------------|--------------------|----------------|---------------|---------------------|--------------------|
|                            | 2003<br>NUMBER | 2003<br>RATE* | 2001-2003<br>NUMBER | 2001-2003<br>RATE* | 2003<br>NUMBER | 2003<br>RATE* | 2001-2003<br>NUMBER | 2001-2003<br>RATE* | 2003<br>NUMBER | 2003<br>RATE* | 2001-2003<br>NUMBER | 2001-2003<br>RATE* |
| <b>BIRTH RATES (1)</b>     |                |               |                     |                    |                |               |                     |                    |                |               |                     |                    |
| CRUDE BIRTH RATE           | 22             | 9.5           | 58                  | 8.2                | 17             | 8.7           | 46                  |                    | 2              | 6.4 *         | 5                   |                    |
| <b>TEEN BIRTH RATE (2)</b> |                |               |                     |                    |                |               |                     |                    |                |               |                     |                    |
| 15-17                      |                |               | 0                   |                    | 0              |               | 0                   |                    | 0              |               | 0                   |                    |
| 18-19                      | 1              |               | 3                   |                    | 0              |               | 1                   |                    | 1              |               | 2                   |                    |
| 15-19                      | 1              | 10.8 *        | 3                   | 10.9 *             | 0              | 0.0           | 1                   |                    | 1              | 38.5 *        | 2                   |                    |
| <b>FERTILITY RATE (3)</b>  |                |               |                     |                    |                |               |                     |                    |                |               |                     |                    |
|                            | 22             | 52.3          | 58                  | 45.0               | 17             | 50.7          | 46                  |                    | 2              | 30.8 *        | 5                   |                    |

|                               | TOTAL          |           |                     |                | WHITE          |           |                     |                | NATIVE         |           |                     |                |
|-------------------------------|----------------|-----------|---------------------|----------------|----------------|-----------|---------------------|----------------|----------------|-----------|---------------------|----------------|
|                               | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% |
| <b>BIRTHS</b>                 |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| WITHIN AREA                   | 1              | 100.0     | 2                   | 100.0          | 1              | 100.0     | 1                   | 50.0           | 0              | 0.0       | 0                   | 0.0            |
| TO RESIDENTS                  | 22             | 100.0     | 58                  | 100.0          | 17             | 77.3      | 46                  | 79.3           | 2              | 9.1       | 5                   | 8.6            |
| <b>FACILITY</b>               |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| HOSPITAL                      | 12             | 54.5      | 31                  | 53.4           | 10             | 58.8      | 26                  | 56.5           | 2              | 100.0     | 5                   | 100.0          |
| BIRTHING CENTER               | 6              | 27.3      | 15                  | 25.9           | 6              | 35.3      | 15                  | 32.6           | 0              | 0.0       | 0                   | 0.0            |
| HOME                          | 1              | 4.5       | 3                   | 5.2            | 1              | 5.9       | 2                   | 4.3            | 0              | 0.0       | 0                   | 0.0            |
| OTHER                         | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            |
| OUTSIDE ALASKA                | 3              | 13.6      | 9                   | 15.5           | 0              | 0.0       | 3                   | 6.5            | 0              | 0.0       | 0                   | 0.0            |
| <b>MOTHER CHARACTERISTICS</b> |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <b>AGE GROUP</b>              |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <15                           | 0              | 0.0       | 0                   | 0.0            | **             | **        | 0                   | 0.0            | **             | **        | 0                   | 0.0            |
| 15-19                         | 1              | 4.5       | 3                   | 5.2            | **             | **        | 1                   | 2.2            | **             | **        | 2                   | 40.0           |
| 20-24                         | 6              | 27.3      | 13                  | 22.4           | **             | **        | 10                  | 21.7           | **             | **        | 2                   | 40.0           |
| 25-29                         | 2              | 9.1       | 10                  | 17.2           | **             | **        | 8                   | 17.4           | **             | **        | 1                   | 20.0           |
| 30-34                         | 8              | 36.4      | 20                  | 34.5           | **             | **        | 18                  | 39.1           | **             | **        | 0                   | 0.0            |
| 35-39                         | 2              | 9.1       | 7                   | 12.1           | **             | **        | 5                   | 10.9           | **             | **        | 0                   | 0.0            |
| 40-44                         | 3              | 13.6      | 5                   | 8.6            | **             | **        | 4                   | 8.7            | **             | **        | 0                   | 0.0            |
| 45+                           | 0              | 0.0       | 0                   | 0.0            | **             | **        | 0                   | 0.0            | **             | **        | 0                   | 0.0            |
| REPORTED DRINKING             | 0              | 0.0       | 2                   | 4.1            | **             | **        | 2                   | 4.7            | **             | **        | 0                   | 0.0            |
| REPORTED SMOKING              | 4              | 21.1      | 6                   | 11.8           | **             | **        | 4                   | 8.9            | **             | **        | 2                   | 40.0           |
| UNWED                         | 7              | 36.8      | 14                  | 27.5           | **             | **        | 11                  | 24.4           | **             | **        | 3                   | 60.0           |
| <b>EDUCATION</b>              |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <12 YEARS                     | 0              | 0.0       | 2                   | 4.0            | **             | **        | 1                   | 2.2            | **             | **        | 1                   | 20.0           |
| 12 YEARS                      | 7              | 36.8      | 17                  | 34.0           | **             | **        | 13                  | 28.9           | **             | **        | 4                   | 80.0           |
| 12+ YEARS                     | 12             | 63.2      | 31                  | 62.0           | **             | **        | 31                  | 68.9           | **             | **        | 0                   | 0.0            |
| <b>PRENATAL CARE</b>          |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <b>TRIMESTER CARE BEGAN</b>   |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| 1ST TRIMESTER                 | 14             | 73.7      | 38                  | 80.9           | **             | **        | 35                  | 81.4           | **             | **        | 3                   | 75.0           |
| 3RD TRIMESTER                 | 1              | 5.3       | 1                   | 2.1            | **             | **        | 1                   | 2.3            | **             | **        | 0                   | 0.0            |
| NO PRENATAL CARE              | 0              | 0.0       | 1                   | 2.6            | **             | **        | 0                   | 0.0            | **             | **        | 0                   | 0.0            |
| <b>APNCU INDEX</b>            |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| ADEQUATE+                     | 6              | 37.5      | 17                  | 43.6           | **             | **        | 16                  | 44.4           | **             | **        | 1                   | 50.0           |
| ADEQUATE                      | 4              | 25.0      | 10                  | 25.6           | **             | **        | 10                  | 27.8           | **             | **        | 0                   | 0.0            |
| INTERMEDIATE                  | 5              | 31.3      | 8                   | 20.5           | **             | **        | 7                   | 19.4           | **             | **        | 1                   | 50.0           |
| INADEQUATE                    | 1              | 6.3       | 4                   | 10.3           | **             | **        | 3                   | 8.3            | **             | **        | 0                   | 0.0            |
| <b>KESSNER INDEX</b>          |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| ADEQUATE                      | 11             | 68.8      | 27                  | 69.2           | **             | **        | 26                  | 72.2           | **             | **        | 1                   | 50.0           |
| INTERMEDIATE                  | 4              | 25.0      | 10                  | 25.6           | **             | **        | 9                   | 25.0           | **             | **        | 1                   | 50.0           |
| INADEQUATE                    | 1              | 6.3       | 2                   | 5.1            | **             | **        | 1                   | 2.8            | **             | **        | 0                   | 0.0            |
| <b>C-SECTION BIRTHS</b>       | 4              | 21.1      | 13                  | 25.5           | **             | **        | 12                  | 26.7           | **             | **        | 1                   | 20.0           |
| <b>PRE-TERM BIRTHS</b>        | 0              | 0.0       | 1                   | 2.0            | **             | **        | 1                   | 2.2            | **             | **        | 0                   | 0.0            |
| <b>LOW BIRTHWEIGHT</b>        | 0              | 0.0       | 2                   | 4.0            | **             | **        | 2                   | 4.4            | **             | **        | 0                   | 0.0            |

Note: Unknown responses are excluded from the denominator when calculating percentages.

- (1) Birth rate per 1,000 population. Population estimates by race by census area are only available for 2003. Therefore, three year rates are unavailable.
- (2) Population estimates by census area for 15-17 and 18-19 are not available for 2003. Therefore, rates for these age groups are unavailable.
- (3) Fertility rate per 1,000 female population ages 15-44. Population estimates by race by census area are only available for 2003. Therefore, three year rates are unavailable.

\* Rates based on fewer than 10 occurrences are statistically unreliable and should be used with caution.

\*\* Data suppressed for confidentiality concerns if total births to residents, by race, is less than five observations.

**TABLE 2 SELECTED BIRTH STATISTICS REPORTED BY MOTHER'S RACE:  
2003 AND 2001-2003  
JUNEAU BOROUGH**

|                            | TOTAL          |               |                     |                    | WHITE          |               |                     |                    | NATIVE         |               |                     |                    |
|----------------------------|----------------|---------------|---------------------|--------------------|----------------|---------------|---------------------|--------------------|----------------|---------------|---------------------|--------------------|
|                            | 2003<br>NUMBER | 2003<br>RATE* | 2001-2003<br>NUMBER | 2001-2003<br>RATE* | 2003<br>NUMBER | 2003<br>RATE* | 2001-2003<br>NUMBER | 2001-2003<br>RATE* | 2003<br>NUMBER | 2003<br>RATE* | 2001-2003<br>NUMBER | 2001-2003<br>RATE* |
| <b>BIRTH RATES (1)</b>     |                |               |                     |                    |                |               |                     |                    |                |               |                     |                    |
| CRUDE BIRTH RATE           | 400            | 12.8          | 1,223               | 13.2               | 281            | 11.8          | 852                 |                    | 80             | 17.4          | 262                 |                    |
| <b>TEEN BIRTH RATE (2)</b> |                |               |                     |                    |                |               |                     |                    |                |               |                     |                    |
| 15-17                      | 12             |               | 24                  |                    | 7              |               | 12                  |                    | 3              |               | 9                   |                    |
| 18-19                      | 22             |               | 90                  |                    | 11             |               | 45                  |                    | 7              |               | 38                  |                    |
| 15-19                      | 34             | 29.5          | 114                 | 32.9               | 18             | 21.4          | 57                  |                    | 10             | 51.8          | 47                  |                    |
| FERTILITY RATE (3)         | 400            | 60.3          | 1,223               | 60.7               | 281            | 56.4          | 852                 |                    | 80             | 78.0          | 262                 |                    |

|                               | TOTAL          |           |                     |                | WHITE          |           |                     |                | NATIVE         |           |                     |                |
|-------------------------------|----------------|-----------|---------------------|----------------|----------------|-----------|---------------------|----------------|----------------|-----------|---------------------|----------------|
|                               | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% |
| <b>BIRTHS</b>                 |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| WITHIN AREA                   | 424            | 100.0     | 1,273               | 100.0          | 298            | 70.3      | 888                 | 69.8           | 89             | 21.0      | 280                 | 22.0           |
| TO RESIDENTS                  | 400            | 100.0     | 1,223               | 100.0          | 281            | 70.3      | 852                 | 69.7           | 80             | 20.0      | 262                 | 21.4           |
| <b>FACILITY</b>               |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| HOSPITAL                      | 337            | 84.3      | 1,017               | 83.2           | 227            | 80.8      | 685                 | 80.4           | 75             | 93.8      | 239                 | 91.2           |
| BIRTHING CENTER               | 40             | 10.0      | 133                 | 10.9           | 33             | 11.7      | 105                 | 12.3           | 4              | 5.0       | 17                  | 6.5            |
| HOME                          | 14             | 3.5       | 43                  | 3.5            | 12             | 4.3       | 39                  | 4.6            | 1              | 1.3       | 2                   | 0.8            |
| OTHER                         | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            |
| OUTSIDE ALASKA                | 9              | 2.3       | 30                  | 2.5            | 9              | 3.2       | 23                  | 2.7            | 0              | 0.0       | 4                   | 1.5            |
| <b>MOTHER CHARACTERISTICS</b> |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <b>AGE GROUP</b>              |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <15                           | 0              | 0.0       | 1                   | 0.1            | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 1                   | 0.4            |
| 15-19                         | 34             | 8.5       | 114                 | 9.3            | 18             | 6.4       | 57                  | 6.7            | 10             | 12.5      | 47                  | 17.9           |
| 20-24                         | 93             | 23.3      | 273                 | 22.4           | 56             | 19.9      | 165                 | 19.4           | 29             | 36.3      | 89                  | 34.0           |
| 25-29                         | 101            | 25.3      | 314                 | 25.7           | 72             | 25.6      | 231                 | 27.2           | 21             | 26.3      | 55                  | 21.0           |
| 30-34                         | 97             | 24.3      | 293                 | 24.0           | 76             | 27.0      | 226                 | 26.6           | 11             | 13.8      | 35                  | 13.4           |
| 35-39                         | 58             | 14.5      | 181                 | 14.8           | 44             | 15.7      | 139                 | 16.4           | 7              | 8.8       | 28                  | 10.7           |
| 40-44                         | 17             | 4.3       | 45                  | 3.7            | 15             | 5.3       | 32                  | 3.8            | 2              | 2.5       | 7                   | 2.7            |
| 45+                           | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            |
| REPORTED DRINKING             | 8              | 2.1       | 27                  | 2.3            | 6              | 2.2       | 16                  | 2.0            | 2              | 2.5       | 9                   | 3.6            |
| REPORTED SMOKING              | 67             | 16.9      | 175                 | 14.6           | 42             | 14.9      | 106                 | 12.6           | 22             | 27.8      | 62                  | 24.2           |
| UNWED                         | 135            | 33.8      | 398                 | 32.6           | 69             | 24.6      | 203                 | 23.9           | 53             | 66.3      | 168                 | 64.1           |
| <b>EDUCATION</b>              |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <12 YEARS                     | 47             | 12.1      | 134                 | 12.0           | 21             | 7.7       | 57                  | 7.4            | 23             | 29.9      | 70                  | 28.5           |
| 12 YEARS                      | 121            | 31.1      | 371                 | 33.2           | 78             | 28.5      | 229                 | 29.7           | 30             | 39.0      | 111                 | 45.1           |
| 12+ YEARS                     | 221            | 56.8      | 612                 | 54.8           | 175            | 63.9      | 486                 | 63.0           | 24             | 31.2      | 65                  | 26.4           |
| <b>PRENATAL CARE</b>          |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <b>TRIMESTER CARE BEGAN</b>   |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| 1ST TRIMESTER                 | 321            | 89.7      | 968                 | 90.7           | 234            | 91.1      | 708                 | 92.1           | 60             | 88.2      | 186                 | 87.7           |
| 3RD TRIMESTER                 | 6              | 1.7       | 12                  | 1.1            | 3              | 1.2       | 6                   | 0.8            | 1              | 1.5       | 3                   | 1.4            |
| NO PRENATAL CARE              | 3              | 1.1       | 5                   | 0.6            | 3              | 1.6       | 5                   | 0.9            | 0              | 0.0       | 0                   | 0.0            |
| <b>APNCU INDEX</b>            |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| ADEQUATE+                     | 139            | 53.1      | 379                 | 47.7           | 109            | 57.1      | 290                 | 50.2           | 17             | 38.6      | 56                  | 38.4           |
| ADEQUATE                      | 90             | 34.4      | 308                 | 38.8           | 64             | 33.5      | 224                 | 38.8           | 17             | 38.6      | 60                  | 41.1           |
| INTERMEDIATE                  | 19             | 7.3       | 71                  | 8.9            | 11             | 5.8       | 44                  | 7.6            | 5              | 11.4      | 17                  | 11.6           |
| INADEQUATE                    | 14             | 5.3       | 36                  | 4.5            | 7              | 3.7       | 20                  | 3.5            | 5              | 11.4      | 13                  | 8.9            |
| <b>KESSNER INDEX</b>          |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| ADEQUATE                      | 228            | 86.4      | 693                 | 86.8           | 170            | 88.1      | 519                 | 89.3           | 35             | 79.5      | 115                 | 78.8           |
| INTERMEDIATE                  | 27             | 10.2      | 88                  | 11.0           | 17             | 8.8       | 51                  | 8.8            | 8              | 18.2      | 28                  | 19.2           |
| INADEQUATE                    | 9              | 3.4       | 17                  | 2.1            | 6              | 3.1       | 11                  | 1.9            | 1              | 2.3       | 3                   | 2.1            |
| <b>C-SECTION BIRTHS</b>       | 148            | 37.6      | 389                 | 32.3           | 110            | 40.0      | 284                 | 34.0           | 24             | 30.0      | 70                  | 26.9           |
| <b>PRE-TERM BIRTHS</b>        | 39             | 10.2      | 98                  | 8.3            | 28             | 10.3      | 55                  | 6.6            | 5              | 6.8       | 28                  | 11.7           |
| <b>LOW BIRTHWEIGHT</b>        | 30             | 7.5       | 61                  | 5.0            | 21             | 7.5       | 39                  | 4.6            | 6              | 7.5       | 16                  | 6.1            |

Note: Unknown responses are excluded from the denominator when calculating percentages.

(1) Birth rate per 1,000 population. Population estimates by race by census area are only available for 2003. Therefore, three year rates are unavailable.

(2) Population estimates by census area for 15-17 and 18-19 are not available for 2003. Therefore, rates for these age groups are unavailable.

(3) Fertility rate per 1,000 female population ages 15-44. Population estimates by race by census area are only available for 2003. Therefore, three year rates are unavailable.

\* Rates based on fewer than 10 occurrences are statistically unreliable and should be used with caution.

\*\* Data suppressed for confidentiality concerns if total births to residents, by race, is less than five observations.



**TABLE 2** **SELECTED BIRTH STATISTICS REPORTED BY MOTHER'S RACE:**  
**2003 AND 2001-2003**  
**KENAI PENINSULA BOROUGH**

|                            | TOTAL       |            |                  |                 | WHITE       |            |                  |                 | NATIVE      |            |                  |                 |
|----------------------------|-------------|------------|------------------|-----------------|-------------|------------|------------------|-----------------|-------------|------------|------------------|-----------------|
|                            | 2003 NUMBER | 2003 RATE* | 2001-2003 NUMBER | 2001-2003 RATE* | 2003 NUMBER | 2003 RATE* | 2001-2003 NUMBER | 2001-2003 RATE* | 2003 NUMBER | 2003 RATE* | 2001-2003 NUMBER | 2001-2003 RATE* |
| <b>BIRTH RATES (1)</b>     |             |            |                  |                 |             |            |                  |                 |             |            |                  |                 |
| CRUDE BIRTH RATE           | 640         | 12.5       | 1,917            | 12.5            | 569         | 12.7       | 1,661            |                 | 53          | 10.7       | 187              |                 |
| <b>TEEN BIRTH RATE (2)</b> |             |            |                  |                 |             |            |                  |                 |             |            |                  |                 |
| 15-17                      | 17          |            | 51               |                 | 16          |            | 46               |                 | 1           |            | 4                |                 |
| 18-19                      | 50          |            | 149              |                 | 43          |            | 128              |                 | 6           |            | 18               |                 |
| 15-19                      | 67          | 30.6       | 200              | 30.8            | 59          | 31.3       | 174              |                 | 7           | 31.7 *     | 22               |                 |
| <b>FERTILITY RATE (3)</b>  |             |            |                  |                 |             |            |                  |                 |             |            |                  |                 |
|                            | 640         | 63.2       | 1,917            | 62.6            | 569         | 65.2       | 1,661            |                 | 53          | 51.3       | 187              |                 |

|                               | TOTAL       |        |                  |             | WHITE       |        |                  |             | NATIVE      |        |                  |             |
|-------------------------------|-------------|--------|------------------|-------------|-------------|--------|------------------|-------------|-------------|--------|------------------|-------------|
|                               | 2003 NUMBER | 2003 % | 2001-2003 NUMBER | 2001-2003 % | 2003 NUMBER | 2003 % | 2001-2003 NUMBER | 2001-2003 % | 2003 NUMBER | 2003 % | 2001-2003 NUMBER | 2001-2003 % |
| <b>BIRTHS</b>                 |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| WITHIN AREA                   | 564         | 100.0  | 1,649            | 100.0       | 508         | 90.1   | 1,456            | 88.3        | 37          | 6.6    | 132              | 8.0         |
| TO RESIDENTS                  | 640         | 100.0  | 1,917            | 100.0       | 569         | 88.9   | 1,661            | 86.6        | 53          | 8.3    | 187              | 9.8         |
| <b>FACILITY</b>               |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| HOSPITAL                      | 583         | 91.1   | 1,770            | 92.3        | 515         | 90.5   | 1,522            | 91.6        | 53          | 100.0  | 186              | 99.5        |
| BIRTHING CENTER               | 33          | 5.2    | 73               | 3.8         | 31          | 5.4    | 68               | 4.1         | 0           | 0.0    | 1                | 0.5         |
| HOME                          | 20          | 3.1    | 61               | 3.2         | 19          | 3.3    | 59               | 3.6         | 0           | 0.0    | 0                | 0.0         |
| OTHER                         | 2           | 0.3    | 5                | 0.3         | 2           | 0.4    | 5                | 0.3         | 0           | 0.0    | 0                | 0.0         |
| OUTSIDE ALASKA                | 2           | 0.3    | 8                | 0.4         | 2           | 0.4    | 7                | 0.4         | 0           | 0.0    | 0                | 0.0         |
| <b>MOTHER CHARACTERISTICS</b> |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| <b>AGE GROUP</b>              |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| <15                           | 1           | 0.2    | 2                | 0.1         | 1           | 0.2    | 2                | 0.1         | 0           | 0.0    | 0                | 0.0         |
| 15-19                         | 67          | 10.5   | 200              | 10.4        | 59          | 10.4   | 174              | 10.5        | 7           | 13.2   | 22               | 11.8        |
| 20-24                         | 164         | 25.6   | 536              | 28.0        | 144         | 25.3   | 459              | 27.6        | 15          | 28.3   | 62               | 33.2        |
| 25-29                         | 175         | 27.3   | 521              | 27.2        | 160         | 28.1   | 456              | 27.5        | 11          | 20.8   | 46               | 24.6        |
| 30-34                         | 148         | 23.1   | 410              | 21.4        | 131         | 23.0   | 351              | 21.1        | 13          | 24.5   | 39               | 20.9        |
| 35-39                         | 68          | 10.6   | 195              | 10.2        | 58          | 10.2   | 172              | 10.4        | 7           | 13.2   | 15               | 8.0         |
| 40-44                         | 16          | 2.5    | 49               | 2.6         | 15          | 2.6    | 44               | 2.6         | 0           | 0.0    | 2                | 1.1         |
| 45+                           | 1           | 0.2    | 4                | 0.2         | 1           | 0.2    | 3                | 0.2         | 0           | 0.0    | 1                | 0.5         |
| REPORTED DRINKING             | 16          | 2.5    | 35               | 1.8         | 12          | 2.1    | 28               | 1.7         | 4           | 7.5    | 6                | 3.2         |
| REPORTED SMOKING              | 115         | 18.0   | 327              | 17.2        | 92          | 16.2   | 252              | 15.2        | 22          | 41.5   | 69               | 36.9        |
| UNWED                         | 187         | 29.3   | 534              | 27.9        | 158         | 27.8   | 433              | 26.1        | 26          | 49.1   | 88               | 47.1        |
| <b>EDUCATION</b>              |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| <12 YEARS                     | 99          | 15.7   | 265              | 14.1        | 86          | 15.2   | 225              | 13.7        | 12          | 22.6   | 36               | 19.4        |
| 12 YEARS                      | 257         | 40.7   | 787              | 41.9        | 227         | 40.2   | 667              | 40.7        | 22          | 41.5   | 102              | 54.8        |
| 12+ YEARS                     | 275         | 43.6   | 825              | 44.0        | 251         | 44.5   | 745              | 45.5        | 19          | 35.8   | 48               | 25.8        |
| <b>PRENATAL CARE</b>          |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| <b>TRIMESTER CARE BEGAN</b>   |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| 1ST TRIMESTER                 | 495         | 79.2   | 1,514            | 81.3        | 448         | 80.3   | 1,324            | 81.7        | 34          | 69.4   | 138              | 77.5        |
| 3RD TRIMESTER                 | 17          | 2.7    | 53               | 2.8         | 16          | 2.9    | 45               | 2.8         | 1           | 2.0    | 5                | 2.8         |
| NO PRENATAL CARE              | 2           | 0.3    | 10               | 0.6         | 1           | 0.2    | 9                | 0.6         | 1           | 2.0    | 1                | 0.6         |
| <b>APNCU INDEX</b>            |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| ADEQUATE+                     | 133         | 22.3   | 416              | 23.2        | 120         | 22.6   | 372              | 23.9        | 10          | 20.4   | 31               | 17.6        |
| ADEQUATE                      | 279         | 46.8   | 795              | 44.3        | 254         | 47.9   | 697              | 44.7        | 17          | 34.7   | 74               | 42.0        |
| INTERMEDIATE                  | 98          | 16.4   | 338              | 18.8        | 83          | 15.7   | 281              | 18.0        | 12          | 24.5   | 42               | 23.9        |
| INADEQUATE                    | 86          | 14.4   | 247              | 13.8        | 73          | 13.8   | 208              | 13.4        | 10          | 20.4   | 29               | 16.5        |
| <b>KESSNER INDEX</b>          |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| ADEQUATE                      | 410         | 68.7   | 1,270            | 70.6        | 372         | 70.1   | 1,115            | 71.5        | 28          | 57.1   | 113              | 64.2        |
| INTERMEDIATE                  | 168         | 28.1   | 465              | 25.9        | 142         | 26.7   | 391              | 25.1        | 19          | 38.8   | 57               | 32.4        |
| INADEQUATE                    | 19          | 3.2    | 63               | 3.5         | 17          | 3.2    | 54               | 3.5         | 2           | 4.1    | 6                | 3.4         |
| <b>C-SECTION BIRTHS</b>       |             |        |                  |             |             |        |                  |             |             |        |                  |             |
|                               | 132         | 20.7   | 390              | 20.5        | 110         | 19.4   | 326              | 19.7        | 15          | 28.3   | 45               | 24.1        |
| <b>PRE-TERM BIRTHS</b>        |             |        |                  |             |             |        |                  |             |             |        |                  |             |
|                               | 55          | 8.7    | 176              | 9.2         | 50          | 8.9    | 150              | 9.1         | 5           | 9.4    | 17               | 9.1         |
| <b>LOW BIRTHWEIGHT</b>        |             |        |                  |             |             |        |                  |             |             |        |                  |             |
|                               | 28          | 4.4    | 88               | 4.6         | 26          | 4.6    | 74               | 4.5         | 2           | 3.8    | 7                | 3.7         |

Note: Unknown responses are excluded from the denominator when calculating percentages.

- (1) Birth rate per 1,000 population. Population estimates by race by census area are only available for 2003. Therefore, three year rates are unavailable.
- (2) Population estimates by census area for 15-17 and 18-19 are not available for 2003. Therefore, rates for these age groups are unavailable.
- (3) Fertility rate per 1,000 female population ages 15-44. Population estimates by race by census area are only available for 2003. Therefore, three year rates are unavailable.

\* Rates based on fewer than 10 occurrences are statistically unreliable and should be used with caution.

\*\* Data suppressed for confidentiality concerns if total births to residents, by race, is less than five observations.

**TABLE 2 SELECTED BIRTH STATISTICS REPORTED BY MOTHER'S RACE:  
2003 AND 2001-2003  
KETCHIKAN GATEWAY BOROUGH**

|                            | TOTAL          |               |                     |                    | WHITE          |               |                     |                    | NATIVE         |               |                     |                    |
|----------------------------|----------------|---------------|---------------------|--------------------|----------------|---------------|---------------------|--------------------|----------------|---------------|---------------------|--------------------|
|                            | 2003<br>NUMBER | 2003<br>RATE* | 2001-2003<br>NUMBER | 2001-2003<br>RATE* | 2003<br>NUMBER | 2003<br>RATE* | 2001-2003<br>NUMBER | 2001-2003<br>RATE* | 2003<br>NUMBER | 2003<br>RATE* | 2001-2003<br>NUMBER | 2001-2003<br>RATE* |
| <b>BIRTH RATES (1)</b>     |                |               |                     |                    |                |               |                     |                    |                |               |                     |                    |
| CRUDE BIRTH RATE           | 178            | 13.2          | 522                 | 12.7               | 123            | 12.1          | 350                 |                    | 44             | 18.4          | 125                 |                    |
| <b>TEEN BIRTH RATE (2)</b> |                |               |                     |                    |                |               |                     |                    |                |               |                     |                    |
| 15-17                      | 7              |               | 20                  |                    | 3              |               | 7                   |                    | 4              |               | 13                  |                    |
| 18-19                      | 11             |               | 38                  |                    | 5              |               | 20                  |                    | 4              |               | 11                  |                    |
| 15-19                      | 18             | 34.8          | 58                  | 36.1               | 8              | 21.2 *        | 27                  |                    | 8              | 82.5 *        | 24                  |                    |
| FERTILITY RATE (3)         | 178            | 65.1          | 522                 | 61.0               | 123            | 60.4          | 350                 |                    | 44             | 90.0          | 125                 |                    |

|                               | TOTAL          |           |                     |                | WHITE          |           |                     |                | NATIVE         |           |                     |                |
|-------------------------------|----------------|-----------|---------------------|----------------|----------------|-----------|---------------------|----------------|----------------|-----------|---------------------|----------------|
|                               | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% |
| <b>BIRTHS</b>                 |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| WITHIN AREA                   | 239            | 100.0     | 740                 | 100.0          | 153            | 64.0      | 459                 | 62.0           | 74             | 31.0      | 225                 | 30.4           |
| TO RESIDENTS                  | 178            | 100.0     | 522                 | 100.0          | 123            | 69.1      | 350                 | 67.0           | 44             | 24.7      | 125                 | 23.9           |
| <b>FACILITY</b>               |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| HOSPITAL                      | 148            | 83.1      | 475                 | 91.0           | 103            | 83.7      | 316                 | 90.3           | 36             | 81.8      | 116                 | 92.8           |
| BIRTHING CENTER               | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            |
| HOME                          | 23             | 12.9      | 33                  | 6.3            | 15             | 12.2      | 23                  | 6.6            | 6              | 13.6      | 7                   | 5.6            |
| OTHER                         | 1              | 0.6       | 1                   | 0.2            | 0              | 0.0       | 0                   | 0.0            | 1              | 2.3       | 1                   | 0.8            |
| OUTSIDE ALASKA                | 6              | 3.4       | 13                  | 2.5            | 5              | 4.1       | 11                  | 3.1            | 1              | 2.3       | 1                   | 0.8            |
| <b>MOTHER CHARACTERISTICS</b> |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <b>AGE GROUP</b>              |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <15                           | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            |
| 15-19                         | 18             | 10.1      | 58                  | 11.1           | 8              | 6.5       | 27                  | 7.7            | 8              | 18.2      | 24                  | 19.2           |
| 20-24                         | 59             | 33.1      | 155                 | 29.7           | 34             | 27.6      | 97                  | 27.7           | 21             | 47.7      | 44                  | 35.2           |
| 25-29                         | 38             | 21.3      | 129                 | 24.7           | 26             | 21.1      | 86                  | 24.6           | 7              | 15.9      | 27                  | 21.6           |
| 30-34                         | 44             | 24.7      | 125                 | 23.9           | 38             | 30.9      | 97                  | 27.7           | 6              | 13.6      | 21                  | 16.8           |
| 35-39                         | 14             | 7.9       | 43                  | 8.2            | 12             | 9.8       | 32                  | 9.1            | 2              | 4.5       | 8                   | 6.4            |
| 40-44                         | 4              | 2.2       | 11                  | 2.1            | 4              | 3.3       | 10                  | 2.9            | 0              | 0.0       | 1                   | 0.8            |
| 45+                           | 1              | 0.6       | 1                   | 0.2            | 1              | 0.8       | 1                   | 0.3            | 0              | 0.0       | 0                   | 0.0            |
| REPORTED DRINKING             | 0              | 0.0       | 5                   | 1.0            | 0              | 0.0       | 3                   | 0.9            | 0              | 0.0       | 2                   | 1.6            |
| REPORTED SMOKING              | 42             | 23.6      | 128                 | 24.7           | 25             | 20.3      | 82                  | 23.6           | 15             | 34.1      | 40                  | 32.0           |
| UNWED                         | 65             | 36.5      | 194                 | 37.2           | 34             | 27.6      | 107                 | 30.6           | 26             | 59.1      | 75                  | 60.0           |
| <b>EDUCATION</b>              |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <12 YEARS                     | 30             | 17.4      | 79                  | 16.0           | 15             | 12.7      | 38                  | 11.2           | 11             | 25.6      | 31                  | 26.5           |
| 12 YEARS                      | 66             | 38.4      | 200                 | 40.4           | 37             | 31.4      | 127                 | 37.4           | 23             | 53.5      | 58                  | 49.6           |
| 12+ YEARS                     | 76             | 44.2      | 216                 | 43.6           | 66             | 55.9      | 175                 | 51.5           | 9              | 20.9      | 28                  | 23.9           |
| <b>PRENATAL CARE</b>          |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <b>TRIMESTER CARE BEGAN</b>   |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| 1ST TRIMESTER                 | 151            | 87.8      | 431                 | 86.5           | 111            | 91.7      | 309                 | 90.9           | 31             | 75.6      | 87                  | 76.3           |
| 3RD TRIMESTER                 | 5              | 2.9       | 11                  | 2.2            | 1              | 0.8       | 4                   | 1.2            | 4              | 9.8       | 7                   | 6.1            |
| NO PRENATAL CARE              | 2              | 1.2       | 2                   | 0.4            | 0              | 0.0       | 0                   | 0.0            | 2              | 4.8       | 2                   | 1.8            |
| <b>APNCU INDEX</b>            |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| ADEQUATE+                     | 82             | 48.5      | 211                 | 43.2           | 60             | 51.3      | 149                 | 44.7           | 17             | 40.5      | 47                  | 42.3           |
| ADEQUATE                      | 73             | 43.2      | 219                 | 44.9           | 53             | 45.3      | 153                 | 45.9           | 15             | 35.7      | 42                  | 37.8           |
| INTERMEDIATE                  | 3              | 1.8       | 25                  | 5.1            | 2              | 1.7       | 18                  | 5.4            | 1              | 2.4       | 5                   | 4.5            |
| INADEQUATE                    | 11             | 6.5       | 33                  | 6.8            | 2              | 1.7       | 13                  | 3.9            | 9              | 21.4      | 17                  | 15.3           |
| <b>KESSNER INDEX</b>          |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| ADEQUATE                      | 144            | 85.2      | 402                 | 82.2           | 106            | 90.6      | 294                 | 88.0           | 29             | 69.0      | 76                  | 68.5           |
| INTERMEDIATE                  | 18             | 10.7      | 74                  | 15.1           | 10             | 8.5       | 36                  | 10.8           | 7              | 16.7      | 26                  | 23.4           |
| INADEQUATE                    | 7              | 4.1       | 13                  | 2.7            | 1              | 0.9       | 4                   | 1.2            | 6              | 14.3      | 9                   | 8.1            |
| <b>C-SECTION BIRTHS</b>       | 43             | 24.2      | 121                 | 23.2           | 32             | 26.0      | 85                  | 24.4           | 10             | 22.7      | 26                  | 20.8           |
| <b>PRE-TERM BIRTHS</b>        | 17             | 9.6       | 45                  | 8.6            | 11             | 8.9       | 24                  | 6.9            | 6              | 13.6      | 16                  | 12.8           |
| <b>LOW BIRTHWEIGHT</b>        | 11             | 6.2       | 26                  | 5.0            | 8              | 6.5       | 18                  | 5.1            | 3              | 7.0       | 6                   | 4.8            |

Note: Unknown responses are excluded from the denominator when calculating percentages.

(1) Birth rate per 1,000 population. Population estimates by race by census area are only available for 2003. Therefore, three year rates are unavailable.

(2) Population estimates by census area for 15-17 and 18-19 are not available for 2003. Therefore, rates for these age groups are unavailable.

(3) Fertility rate per 1,000 female population ages 15-44. Population estimates by race by census area are only available for 2003. Therefore, three year rates are unavailable.

\* Rates based on fewer than 10 occurrences are statistically unreliable and should be used with caution.

\*\* Data suppressed for confidentiality concerns if total births to residents, by race, is less than five observations.

**TABLE 2** **SELECTED BIRTH STATISTICS REPORTED BY MOTHER'S RACE:**  
**2003 AND 2001-2003**  
**KODIAK ISLAND BOROUGH**

|                            | TOTAL          |               |                     |                    | WHITE          |               |                     |                    | NATIVE         |               |                     |                    |
|----------------------------|----------------|---------------|---------------------|--------------------|----------------|---------------|---------------------|--------------------|----------------|---------------|---------------------|--------------------|
|                            | 2003<br>NUMBER | 2003<br>RATE* | 2001-2003<br>NUMBER | 2001-2003<br>RATE* | 2003<br>NUMBER | 2003<br>RATE* | 2001-2003<br>NUMBER | 2001-2003<br>RATE* | 2003<br>NUMBER | 2003<br>RATE* | 2001-2003<br>NUMBER | 2001-2003<br>RATE* |
| <b>BIRTH RATES (1)</b>     |                |               |                     |                    |                |               |                     |                    |                |               |                     |                    |
| CRUDE BIRTH RATE           | 204            | 14.8          | 630                 | 15.1               | 124            | 14.9          | 379                 |                    | 29             | 13.2          | 95                  |                    |
| <b>TEEN BIRTH RATE (2)</b> |                |               |                     |                    |                |               |                     |                    |                |               |                     |                    |
| 15-17                      | 6              |               | 13                  |                    | 2              |               | 5                   |                    | 3              |               | 5                   |                    |
| 18-19                      | 9              |               | 26                  |                    | 7              |               | 19                  |                    | 0              |               | 3                   |                    |
| 15-19                      | 15             | 28.7          | 39                  | 25.0               | 9              | 30.4 *        | 24                  |                    | 3              | 40.5 *        | 8                   |                    |
| <b>FERTILITY RATE (3)</b>  | 204            | 70.4          | 630                 | 70.8               | 124            | 69.6          | 379                 |                    | 29             | 69.9          | 95                  |                    |

|                               | TOTAL          |           |                     |                | WHITE          |           |                     |                | NATIVE         |           |                     |                |
|-------------------------------|----------------|-----------|---------------------|----------------|----------------|-----------|---------------------|----------------|----------------|-----------|---------------------|----------------|
|                               | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% |
| <b>BIRTHS</b>                 |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| WITHIN AREA                   | 191            | 100.0     | 583                 | 100.0          | 119            | 62.3      | 354                 | 60.7           | 26             | 13.6      | 85                  | 14.6           |
| TO RESIDENTS                  | 204            | 100.0     | 630                 | 100.0          | 124            | 60.8      | 379                 | 60.2           | 29             | 14.2      | 95                  | 15.1           |
| <b>FACILITY</b>               |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| HOSPITAL                      | 202            | 99.0      | 618                 | 98.1           | 122            | 98.4      | 368                 | 97.1           | 29             | 100.0     | 94                  | 98.9           |
| BIRTHING CENTER               | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            |
| HOME                          | 2              | 1.0       | 11                  | 1.7            | 2              | 1.6       | 10                  | 2.6            | 0              | 0.0       | 1                   | 1.1            |
| OTHER                         | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            |
| OUTSIDE ALASKA                | 0              | 0.0       | 1                   | 0.2            | 0              | 0.0       | 1                   | 0.3            | 0              | 0.0       | 0                   | 0.0            |
| <b>MOTHER CHARACTERISTICS</b> |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <b>AGE GROUP</b>              |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <15                           | 0              | 0.0       | 1                   | 0.2            | 0              | 0.0       | 1                   | 0.3            | 0              | 0.0       | 0                   | 0.0            |
| 15-19                         | 15             | 7.4       | 39                  | 6.2            | 9              | 7.3       | 24                  | 6.3            | 3              | 10.3      | 8                   | 8.4            |
| 20-24                         | 60             | 29.6      | 165                 | 26.2           | 35             | 28.5      | 97                  | 25.7           | 9              | 31.0      | 28                  | 29.5           |
| 25-29                         | 63             | 31.0      | 183                 | 29.1           | 39             | 31.7      | 109                 | 28.8           | 7              | 24.1      | 30                  | 31.6           |
| 30-34                         | 45             | 22.2      | 138                 | 21.9           | 25             | 20.3      | 83                  | 22.0           | 9              | 31.0      | 20                  | 21.1           |
| 35-39                         | 14             | 6.9       | 72                  | 11.4           | 11             | 8.9       | 46                  | 12.2           | 1              | 3.4       | 7                   | 7.4            |
| 40-44                         | 6              | 3.0       | 29                  | 4.6            | 4              | 3.3       | 16                  | 4.2            | 0              | 0.0       | 2                   | 2.1            |
| 45+                           | 0              | 0.0       | 2                   | 0.3            | 0              | 0.0       | 2                   | 0.5            | 0              | 0.0       | 0                   | 0.0            |
| REPORTED DRINKING             | 0              | 0.0       | 10                  | 1.6            | 0              | 0.0       | 6                   | 1.6            | 0              | 0.0       | 4                   | 4.3            |
| REPORTED SMOKING              | 20             | 9.9       | 72                  | 11.5           | 12             | 9.7       | 40                  | 10.6           | 7              | 24.1      | 26                  | 27.7           |
| UNWED                         | 62             | 30.4      | 172                 | 27.3           | 20             | 16.1      | 69                  | 18.2           | 18             | 62.1      | 42                  | 44.2           |
| <b>EDUCATION</b>              |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <12 YEARS                     | 23             | 11.4      | 62                  | 10.1           | 10             | 8.1       | 30                  | 8.0            | 5              | 17.2      | 14                  | 14.7           |
| 12 YEARS                      | 79             | 39.1      | 238                 | 38.7           | 42             | 34.1      | 120                 | 32.1           | 16             | 55.2      | 52                  | 54.7           |
| 12+ YEARS                     | 100            | 49.5      | 315                 | 51.2           | 71             | 57.7      | 224                 | 59.9           | 8              | 27.6      | 29                  | 30.5           |
| <b>PRENATAL CARE</b>          |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <b>TRIMESTER CARE BEGAN</b>   |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| 1ST TRIMESTER                 | 172            | 85.6      | 517                 | 83.3           | 109            | 88.6      | 329                 | 87.5           | 27             | 93.1      | 80                  | 85.1           |
| 3RD TRIMESTER                 | 2              | 1.0       | 11                  | 1.8            | 1              | 0.8       | 6                   | 1.6            | 0              | 0.0       | 1                   | 1.1            |
| NO PRENATAL CARE              | 1              | 0.5       | 2                   | 0.3            | 1              | 0.8       | 1                   | 0.3            | 0              | 0.0       | 0                   | 0.0            |
| <b>APNCU INDEX</b>            |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| ADEQUATE+                     | 39             | 20.3      | 114                 | 18.8           | 30             | 25.0      | 78                  | 21.2           | 3              | 11.5      | 17                  | 18.9           |
| ADEQUATE                      | 79             | 41.1      | 239                 | 39.4           | 55             | 45.8      | 160                 | 43.5           | 10             | 38.5      | 31                  | 34.4           |
| INTERMEDIATE                  | 49             | 25.5      | 173                 | 28.5           | 25             | 20.8      | 97                  | 26.4           | 10             | 38.5      | 29                  | 32.2           |
| INADEQUATE                    | 25             | 13.0      | 80                  | 13.2           | 10             | 8.3       | 33                  | 9.0            | 3              | 11.5      | 13                  | 14.4           |
| <b>KESSNER INDEX</b>          |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| ADEQUATE                      | 129            | 67.2      | 393                 | 64.9           | 93             | 77.5      | 274                 | 74.5           | 16             | 61.5      | 57                  | 63.3           |
| INTERMEDIATE                  | 60             | 31.3      | 200                 | 33.0           | 25             | 20.8      | 87                  | 23.6           | 10             | 38.5      | 32                  | 35.6           |
| INADEQUATE                    | 3              | 1.6       | 13                  | 2.1            | 2              | 1.7       | 7                   | 1.9            | 0              | 0.0       | 1                   | 1.1            |
| <b>C-SECTION BIRTHS</b>       | 41             | 20.1      | 130                 | 20.7           | 21             | 16.9      | 75                  | 19.8           | 6              | 20.7      | 20                  | 21.3           |
| <b>PRE-TERM BIRTHS</b>        | 21             | 10.3      | 63                  | 10.0           | 11             | 8.9       | 33                  | 8.7            | 2              | 6.9       | 6                   | 6.4            |
| <b>LOW BIRTHWEIGHT</b>        | 17             | 8.3       | 44                  | 7.0            | 8              | 6.5       | 26                  | 6.9            | 2              | 6.9       | 2                   | 2.1            |

Note: Unknown responses are excluded from the denominator when calculating percentages.

- (1) Birth rate per 1,000 population. Population estimates by race by census area are only available for 2003. Therefore, three year rates are unavailable.
- (2) Population estimates by census area for 15-17 and 18-19 are not available for 2003. Therefore, rates for these age groups are unavailable.
- (3) Fertility rate per 1,000 female population ages 15-44. Population estimates by race by census area are only available for 2003. Therefore, three year rates are unavailable.

\* Rates based on fewer than 10 occurrences are statistically unreliable and should be used with caution.

\*\* Data suppressed for confidentiality concerns if total births to residents, by race, is less than five observations.

**TABLE 2 SELECTED BIRTH STATISTICS REPORTED BY MOTHER'S RACE:  
2003 AND 2001-2003  
LAKE AND PENINSULA BOROUGH**

|                            | TOTAL          |               |                     |                    | WHITE          |               |                     |                    | NATIVE         |               |                     |                    |
|----------------------------|----------------|---------------|---------------------|--------------------|----------------|---------------|---------------------|--------------------|----------------|---------------|---------------------|--------------------|
|                            | 2003<br>NUMBER | 2003<br>RATE* | 2001-2003<br>NUMBER | 2001-2003<br>RATE* | 2003<br>NUMBER | 2003<br>RATE* | 2001-2003<br>NUMBER | 2001-2003<br>RATE* | 2003<br>NUMBER | 2003<br>RATE* | 2001-2003<br>NUMBER | 2001-2003<br>RATE* |
| <b>BIRTH RATES (1)</b>     |                |               |                     |                    |                |               |                     |                    |                |               |                     |                    |
| CRUDE BIRTH RATE           | 21             | 12.9          | 63                  | 12.6               | 6              | 15.9*         | 21                  |                    | 15             | 12.3          | 40                  |                    |
| <b>TEEN BIRTH RATE (2)</b> |                |               |                     |                    |                |               |                     |                    |                |               |                     |                    |
| 15-17                      |                |               | 6                   |                    | 1              |               | 1                   |                    | 1              |               | 5                   |                    |
| 18-19                      | 4              |               | 7                   |                    | 0              |               | 0                   |                    | 4              |               | 7                   |                    |
| 15-19                      | 6              | 75.9*         | 13                  | 54.4               | 1              | 83.3*         | 1                   |                    | 5              | 75.8*         | 12                  |                    |
| FERTILITY RATE (3)         | 21             | 64.4          | 63                  | 63.2               | 6              | 82.2*         | 21                  |                    | 15             | 60.2          | 40                  |                    |

|                               | TOTAL          |           |                     |                | WHITE          |           |                     |                | NATIVE         |           |                     |                |
|-------------------------------|----------------|-----------|---------------------|----------------|----------------|-----------|---------------------|----------------|----------------|-----------|---------------------|----------------|
|                               | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% |
| <b>BIRTHS</b>                 |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| WITHIN AREA                   | 0              | 0.0       | 1                   | 100.0          | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 1                   | 100.0          |
| TO RESIDENTS                  | 21             | 100.0     | 63                  | 100.0          | 6              | 28.6      | 21                  | 33.3           | 15             | 71.4      | 40                  | 63.5           |
| <b>FACILITY</b>               |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| HOSPITAL                      | 19             | 90.5      | 56                  | 88.9           | 4              | 66.7      | 15                  | 71.4           | 15             | 100.0     | 39                  | 97.5           |
| BIRTHING CENTER               | 1              | 4.8       | 3                   | 4.8            | 1              | 16.7      | 3                   | 14.3           | 0              | 0.0       | 0                   | 0.0            |
| HOME                          | 0              | 0.0       | 2                   | 3.2            | 0              | 0.0       | 1                   | 4.8            | 0              | 0.0       | 1                   | 2.5            |
| OTHER                         | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            |
| OUTSIDE ALASKA                | 1              | 4.8       | 2                   | 3.2            | 1              | 16.7      | 2                   | 9.5            | 0              | 0.0       | 0                   | 0.0            |
| <b>MOTHER CHARACTERISTICS</b> |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <b>AGE GROUP</b>              |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <15                           | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            |
| 15-19                         | 6              | 28.6      | 13                  | 20.6           | 1              | 16.7      | 1                   | 4.8            | 5              | 33.3      | 12                  | 30.0           |
| 20-24                         | 7              | 33.3      | 21                  | 33.3           | 1              | 16.7      | 2                   | 9.5            | 6              | 40.0      | 18                  | 45.0           |
| 25-29                         | 5              | 23.8      | 13                  | 20.6           | 2              | 33.3      | 5                   | 23.8           | 3              | 20.0      | 8                   | 20.0           |
| 30-34                         | 2              | 9.5       | 10                  | 15.9           | 2              | 33.3      | 9                   | 42.9           | 0              | 0.0       | 0                   | 0.0            |
| 35-39                         | 1              | 4.8       | 5                   | 7.9            | 0              | 0.0       | 3                   | 14.3           | 1              | 6.7       | 2                   | 5.0            |
| 40-44                         | 0              | 0.0       | 1                   | 1.6            | 0              | 0.0       | 1                   | 4.8            | 0              | 0.0       | 0                   | 0.0            |
| 45+                           | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            |
| REPORTED DRINKING             | 0              | 0.0       | 4                   | 6.5            | 0              | 0.0       | 2                   | 10.0           | 0              | 0.0       | 2                   | 5.0            |
| REPORTED SMOKING              | 10             | 47.6      | 25                  | 39.7           | 1              | 16.7      | 1                   | 4.8            | 9              | 60.0      | 23                  | 57.5           |
| UNWED                         | 15             | 75.0      | 34                  | 54.8           | 2              | 40.0      | 2                   | 10.0           | 13             | 86.7      | 31                  | 77.5           |
| <b>EDUCATION</b>              |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <12 YEARS                     | 6              | 28.6      | 15                  | 23.8           | 2              | 33.3      | 2                   | 9.5            | 4              | 26.7      | 12                  | 30.0           |
| 12 YEARS                      | 11             | 52.4      | 33                  | 52.4           | 0              | 0.0       | 6                   | 28.6           | 11             | 73.3      | 27                  | 67.5           |
| 12+ YEARS                     | 4              | 19.0      | 15                  | 23.8           | 4              | 66.7      | 13                  | 61.9           | 0              | 0.0       | 1                   | 2.5            |
| <b>PRENATAL CARE</b>          |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <b>TRIMESTER CARE BEGAN</b>   |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| 1ST TRIMESTER                 | 19             | 90.5      | 48                  | 77.4           | 6              | 100.0     | 18                  | 85.7           | 13             | 86.7      | 28                  | 71.8           |
| 3RD TRIMESTER                 | 0              | 0.0       | 1                   | 1.6            | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 1                   | 2.6            |
| NO PRENATAL CARE              | 0              | 0.0       | 2                   | 3.2            | 0              | 0.0       | 1                   | 4.8            | 0              | 0.0       | 1                   | 2.6            |
| <b>APNCU INDEX</b>            |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| ADEQUATE+                     | 9              | 42.9      | 23                  | 37.1           | 2              | 33.3      | 5                   | 23.8           | 7              | 46.7      | 16                  | 41.0           |
| ADEQUATE                      | 5              | 23.8      | 8                   | 12.9           | 2              | 33.3      | 4                   | 19.0           | 3              | 20.0      | 4                   | 10.3           |
| INTERMEDIATE                  | 5              | 23.8      | 15                  | 24.2           | 2              | 33.3      | 6                   | 28.6           | 3              | 20.0      | 9                   | 23.1           |
| INADEQUATE                    | 2              | 9.5       | 16                  | 25.8           | 0              | 0.0       | 6                   | 28.6           | 2              | 13.3      | 10                  | 25.6           |
| <b>KESSNER INDEX</b>          |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| ADEQUATE                      | 14             | 66.7      | 33                  | 53.2           | 4              | 66.7      | 9                   | 42.9           | 10             | 66.7      | 22                  | 56.4           |
| INTERMEDIATE                  | 7              | 33.3      | 26                  | 41.9           | 2              | 33.3      | 11                  | 52.4           | 5              | 33.3      | 15                  | 38.5           |
| INADEQUATE                    | 0              | 0.0       | 3                   | 4.8            | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 2                   | 5.1            |
| <b>C-SECTION BIRTHS</b>       | 1              | 4.8       | 3                   | 4.8            | 0              | 0.0       | 2                   | 9.5            | 1              | 6.7       | 1                   | 2.5            |
| <b>PRE-TERM BIRTHS</b>        | 2              | 9.5       | 4                   | 6.3            | 1              | 16.7      | 2                   | 9.5            | 1              | 6.7       | 2                   | 5.0            |
| <b>LOW BIRTHWEIGHT</b>        | 1              | 4.8       | 2                   | 3.2            | 1              | 16.7      | 2                   | 9.5            | 0              | 0.0       | 0                   | 0.0            |

Note: Unknown responses are excluded from the denominator when calculating percentages.

(1) Birth rate per 1,000 population. Population estimates by race by census area are only available for 2003. Therefore, three year rates are unavailable.

(2) Population estimates by census area for 15-17 and 18-19 are not available for 2003. Therefore, rates for these age groups are unavailable.

(3) Fertility rate per 1,000 female population ages 15-44. Population estimates by race by census area are only available for 2003. Therefore, three year rates are unavailable.

\* Rates based on fewer than 10 occurrences are statistically unreliable and should be used with caution.

\*\* Data suppressed for confidentiality concerns if total births to residents, by race, is less than five observations.

**TABLE 2** **SELECTED BIRTH STATISTICS REPORTED BY MOTHER'S RACE:**  
**2003 AND 2001-2003**  
**MATANUSKA-SUSITNA BOROUGH**

|                            | TOTAL       |            |                  |                 | WHITE       |            |                  |                 | NATIVE      |            |                  |                 |
|----------------------------|-------------|------------|------------------|-----------------|-------------|------------|------------------|-----------------|-------------|------------|------------------|-----------------|
|                            | 2003 NUMBER | 2003 RATE* | 2001-2003 NUMBER | 2001-2003 RATE* | 2003 NUMBER | 2003 RATE* | 2001-2003 NUMBER | 2001-2003 RATE* | 2003 NUMBER | 2003 RATE* | 2001-2003 NUMBER | 2001-2003 RATE* |
| <b>BIRTH RATES (1)</b>     |             |            |                  |                 |             |            |                  |                 |             |            |                  |                 |
| CRUDE BIRTH RATE           | 905         | 13.4       | 2,558            | 13.1            | 797         | 13.3       | 2,269            |                 | 72          | 13.5       | 202              |                 |
| <b>TEEN BIRTH RATE (2)</b> |             |            |                  |                 |             |            |                  |                 |             |            |                  |                 |
| 15-17                      | 27          |            | 80               |                 | 22          |            | 66               |                 | 3           |            | 9                |                 |
| 18-19                      | 73          |            | 181              |                 | 65          |            | 154              |                 | 6           |            | 21               |                 |
| 15-19                      | 100         | 33.3       | 261              | 30.0            | 87          | 33.4       | 220              |                 | 9           | 31.3 *     | 30               |                 |
| FERTILITY RATE (3)         | 905         | 63.3       | 2,558            | 61.1            | 797         | 63.6       | 2,269            |                 | 72          | 57.0       | 202              |                 |

|                               | TOTAL       |        |                  |             | WHITE       |        |                  |             | NATIVE      |        |                  |             |
|-------------------------------|-------------|--------|------------------|-------------|-------------|--------|------------------|-------------|-------------|--------|------------------|-------------|
|                               | 2003 NUMBER | 2003 % | 2001-2003 NUMBER | 2001-2003 % | 2003 NUMBER | 2003 % | 2001-2003 NUMBER | 2001-2003 % | 2003 NUMBER | 2003 % | 2001-2003 NUMBER | 2001-2003 % |
| <b>BIRTHS</b>                 |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| WITHIN AREA                   | 602         | 100.0  | 1,724            | 100.0       | 552         | 91.7   | 1,591            | 92.3        | 26          | 4.3    | 75               | 4.4         |
| TO RESIDENTS                  | 905         | 100.0  | 2,558            | 100.0       | 797         | 88.1   | 2,269            | 88.7        | 72          | 8.0    | 202              | 7.9         |
| <b>FACILITY</b>               |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| HOSPITAL                      | 799         | 88.3   | 2,262            | 88.4        | 699         | 87.7   | 1,993            | 87.8        | 70          | 97.2   | 196              | 97.0        |
| BIRTHING CENTER               | 68          | 7.5    | 213              | 8.3         | 67          | 8.4    | 205              | 9.0         | 0           | 0.0    | 2                | 1.0         |
| HOME                          | 33          | 3.6    | 69               | 2.7         | 27          | 3.4    | 60               | 2.6         | 2           | 2.8    | 3                | 1.5         |
| OTHER                         | 0           | 0.0    | 0                | 0.0         | 0           | 0.0    | 0                | 0.0         | 0           | 0.0    | 0                | 0.0         |
| OUTSIDE ALASKA                | 5           | 0.6    | 14               | 0.5         | 4           | 0.5    | 11               | 0.5         | 0           | 0.0    | 1                | 0.5         |
| <b>MOTHER CHARACTERISTICS</b> |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| <b>AGE GROUP</b>              |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| <15                           | 4           | 0.4    | 7                | 0.3         | 3           | 0.4    | 6                | 0.3         | 1           | 1.4    | 1                | 0.5         |
| 15-19                         | 100         | 11.1   | 261              | 10.2        | 87          | 10.9   | 220              | 9.7         | 9           | 12.5   | 30               | 14.9        |
| 20-24                         | 225         | 24.9   | 688              | 26.9        | 193         | 24.2   | 605              | 26.7        | 25          | 34.7   | 62               | 30.7        |
| 25-29                         | 264         | 29.2   | 705              | 27.6        | 242         | 30.4   | 641              | 28.3        | 17          | 23.6   | 52               | 25.7        |
| 30-34                         | 180         | 19.9   | 516              | 20.2        | 154         | 19.3   | 452              | 19.9        | 14          | 19.4   | 36               | 17.8        |
| 35-39                         | 96          | 10.6   | 292              | 11.4        | 85          | 10.7   | 260              | 11.5        | 6           | 8.3    | 21               | 10.4        |
| 40-44                         | 34          | 3.8    | 83               | 3.2         | 32          | 4.0    | 80               | 3.5         | 0           | 0.0    | 0                | 0.0         |
| 45+                           | 1           | 0.1    | 3                | 0.1         | 1           | 0.1    | 3                | 0.1         | 0           | 0.0    | 0                | 0.0         |
| REPORTED DRINKING             | 14          | 1.6    | 42               | 1.7         | 11          | 1.4    | 35               | 1.6         | 2           | 2.8    | 5                | 2.5         |
| REPORTED SMOKING              | 138         | 15.4   | 471              | 18.6        | 117         | 14.8   | 413              | 18.3        | 19          | 26.4   | 52               | 26.0        |
| UNWED                         | 264         | 29.2   | 741              | 29.0        | 225         | 28.2   | 632              | 27.9        | 31          | 43.1   | 88               | 43.6        |
| <b>EDUCATION</b>              |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| <12 YEARS                     | 136         | 15.7   | 313              | 12.7        | 115         | 15.0   | 262              | 11.9        | 18          | 25.7   | 43               | 21.9        |
| 12 YEARS                      | 353         | 40.8   | 1,103            | 44.8        | 303         | 39.5   | 968              | 44.1        | 39          | 55.7   | 103              | 52.6        |
| 12+ YEARS                     | 376         | 43.5   | 1,045            | 42.5        | 350         | 45.6   | 966              | 44.0        | 13          | 18.6   | 50               | 25.5        |
| <b>PRENATAL CARE</b>          |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| <b>TRIMESTER CARE BEGAN</b>   |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| 1ST TRIMESTER                 | 677         | 77.1   | 1,934            | 77.5        | 595         | 76.9   | 1,717            | 77.5        | 57          | 79.2   | 153              | 76.9        |
| 3RD TRIMESTER                 | 58          | 6.6    | 133              | 5.3         | 53          | 6.8    | 117              | 5.3         | 3           | 4.2    | 9                | 4.5         |
| NO PRENATAL CARE              | 3           | 0.4    | 8                | 0.3         | 3           | 0.4    | 8                | 0.4         | 0           | 0.0    | 0                | 0.0         |
| <b>APNCU INDEX</b>            |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| ADEQUATE+                     | 267         | 31.9   | 772              | 32.2        | 241         | 32.8   | 691              | 32.5        | 16          | 22.5   | 57               | 29.1        |
| ADEQUATE                      | 352         | 42.1   | 1,024            | 42.6        | 311         | 42.3   | 921              | 43.3        | 27          | 38.0   | 71               | 36.2        |
| INTERMEDIATE                  | 83          | 9.9    | 246              | 10.2        | 68          | 9.3    | 209              | 9.8         | 14          | 19.7   | 29               | 14.8        |
| INADEQUATE                    | 135         | 16.1   | 359              | 15.0        | 115         | 15.6   | 307              | 14.4        | 14          | 19.7   | 39               | 19.9        |
| <b>KESSNER INDEX</b>          |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| ADEQUATE                      | 603         | 72.0   | 1,745            | 72.6        | 533         | 72.4   | 1,557            | 73.1        | 46          | 64.8   | 132              | 67.3        |
| INTERMEDIATE                  | 174         | 20.8   | 518              | 21.5        | 147         | 20.0   | 449              | 21.1        | 22          | 31.0   | 55               | 28.1        |
| INADEQUATE                    | 61          | 7.3    | 141              | 5.9         | 56          | 7.6    | 125              | 5.9         | 3           | 4.2    | 9                | 4.6         |
| <b>C-SECTION BIRTHS</b>       | 206         | 23.0   | 559              | 22.2        | 185         | 23.4   | 512              | 22.9        | 9           | 12.5   | 27               | 13.4        |
| <b>PRE-TERM BIRTHS</b>        | 86          | 9.5    | 252              | 9.9         | 76          | 9.6    | 215              | 9.5         | 6           | 8.3    | 26               | 13.0        |
| <b>LOW BIRTHWEIGHT</b>        | 44          | 4.9    | 139              | 5.5         | 40          | 5.0    | 120              | 5.3         | 4           | 5.6    | 17               | 8.5         |

Note: Unknown responses are excluded from the denominator when calculating percentages.  
 (1) Birth rate per 1,000 population. Population estimates by race by census area are only available for 2003. Therefore, three year rates are unavailable.  
 (2) Population estimates by census area for 15-17 and 18-19 are not available for 2003. Therefore, rates for these age groups are unavailable.  
 (3) Fertility rate per 1,000 female population ages 15-44. Population estimates by race by census area are only available for 2003. Therefore, three year rates are unavailable.  
 \* Rates based on fewer than 10 occurrences are statistically unreliable and should be used with caution.  
 \*\* Data suppressed for confidentiality concerns if total births to residents, by race, is less than five observations.

**TABLE 2 SELECTED BIRTH STATISTICS REPORTED BY MOTHER'S RACE:  
2003 AND 2001-2003  
NOME CENSUS AREA**

|                            | TOTAL          |               |                     |                    | WHITE          |               |                     |                    | NATIVE         |               |                     |                    |
|----------------------------|----------------|---------------|---------------------|--------------------|----------------|---------------|---------------------|--------------------|----------------|---------------|---------------------|--------------------|
|                            | 2003<br>NUMBER | 2003<br>RATE* | 2001-2003<br>NUMBER | 2001-2003<br>RATE* | 2003<br>NUMBER | 2003<br>RATE* | 2001-2003<br>NUMBER | 2001-2003<br>RATE* | 2003<br>NUMBER | 2003<br>RATE* | 2001-2003<br>NUMBER | 2001-2003<br>RATE* |
| <b>BIRTH RATES (1)</b>     |                |               |                     |                    |                |               |                     |                    |                |               |                     |                    |
| CRUDE BIRTH RATE           | 195            | 20.8          | 641                 | 22.9               | 22             | 11.7          | 72                  |                    | 171            | 23.5          | 563                 |                    |
| <b>TEEN BIRTH RATE (2)</b> |                |               |                     |                    |                |               |                     |                    |                |               |                     |                    |
| 15-17                      | 10             |               | 47                  |                    | 0              |               | 0                   |                    | 10             |               | 47                  |                    |
| 18-19                      | 24             |               | 61                  |                    | 0              |               | 1                   |                    | 24             |               | 60                  |                    |
| 15-19                      | 34             | 80.4          | 108                 | 86.1               | 0              | 0.0           | 1                   |                    | 34             | 92.6          | 107                 |                    |
| FERTILITY RATE (3)         | 195            | 106.2         | 641                 | 114.6              | 22             | 59.9          | 72                  |                    | 171            | 120.1         | 563                 |                    |

|                               | TOTAL          |           |                     |                | WHITE          |           |                     |                | NATIVE         |           |                     |                |
|-------------------------------|----------------|-----------|---------------------|----------------|----------------|-----------|---------------------|----------------|----------------|-----------|---------------------|----------------|
|                               | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% |
| <b>BIRTHS</b>                 |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| WITHIN AREA                   | 107            | 100.0     | 325                 | 100.0          | 6              | 5.6       | 13                  | 4.0            | 100            | 93.5      | 308                 | 94.8           |
| TO RESIDENTS                  | 195            | 100.0     | 641                 | 100.0          | 22             | 11.3      | 72                  | 11.2           | 171            | 87.7      | 563                 | 87.8           |
| <b>FACILITY</b>               |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| HOSPITAL                      | 192            | 98.5      | 629                 | 98.1           | 20             | 90.9      | 64                  | 88.9           | 170            | 99.4      | 560                 | 99.5           |
| BIRTHING CENTER               | 0              | 0.0       | 1                   | 0.2            | 0              | 0.0       | 1                   | 1.4            | 0              | 0.0       | 0                   | 0.0            |
| HOME                          | 0              | 0.0       | 1                   | 0.2            | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            |
| OTHER                         | 1              | 0.5       | 3                   | 0.5            | 0              | 0.0       | 0                   | 0.0            | 1              | 0.6       | 3                   | 0.5            |
| OUTSIDE ALASKA                | 2              | 1.0       | 7                   | 1.1            | 2              | 9.1       | 7                   | 9.7            | 0              | 0.0       | 0                   | 0.0            |
| <b>MOTHER CHARACTERISTICS</b> |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <b>AGE GROUP</b>              |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <15                           | 2              | 1.0       | 7                   | 1.1            | 0              | 0.0       | 0                   | 0.0            | 2              | 1.2       | 7                   | 1.2            |
| 15-19                         | 34             | 17.4      | 108                 | 16.8           | 0              | 0.0       | 1                   | 1.4            | 34             | 19.9      | 107                 | 19.0           |
| 20-24                         | 47             | 24.1      | 180                 | 28.1           | 5              | 22.7      | 19                  | 26.4           | 42             | 24.6      | 160                 | 28.4           |
| 25-29                         | 53             | 27.2      | 169                 | 26.4           | 3              | 13.6      | 13                  | 18.1           | 50             | 29.2      | 154                 | 27.4           |
| 30-34                         | 36             | 18.5      | 103                 | 16.1           | 7              | 31.8      | 24                  | 33.3           | 28             | 16.4      | 78                  | 13.9           |
| 35-39                         | 19             | 9.7       | 60                  | 9.4            | 7              | 31.8      | 15                  | 20.8           | 11             | 6.4       | 43                  | 7.6            |
| 40-44                         | 4              | 2.1       | 14                  | 2.2            | 0              | 0.0       | 0                   | 0.0            | 4              | 2.3       | 14                  | 2.5            |
| 45+                           | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            |
| REPORTED DRINKING             | 18             | 9.3       | 58                  | 9.3            | 0              | 0.0       | 1                   | 1.5            | 18             | 10.5      | 57                  | 10.3           |
| REPORTED SMOKING              | 103            | 53.1      | 321                 | 50.9           | 3              | 14.3      | 9                   | 12.9           | 100            | 58.5      | 312                 | 56.1           |
| UNWED                         | 124            | 63.6      | 411                 | 64.2           | 3              | 13.6      | 10                  | 14.1           | 121            | 70.8      | 401                 | 71.2           |
| <b>EDUCATION</b>              |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <12 YEARS                     | 54             | 28.0      | 167                 | 26.9           | 1              | 4.8       | 4                   | 5.8            | 52             | 30.6      | 162                 | 29.6           |
| 12 YEARS                      | 111            | 57.5      | 361                 | 58.1           | 7              | 33.3      | 20                  | 29.0           | 104            | 61.2      | 341                 | 62.2           |
| 12+ YEARS                     | 28             | 14.5      | 93                  | 15.0           | 13             | 61.9      | 45                  | 65.2           | 14             | 8.2       | 45                  | 8.2            |
| <b>PRENATAL CARE</b>          |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <b>TRIMESTER CARE BEGAN</b>   |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| 1ST TRIMESTER                 | 142            | 73.6      | 477                 | 77.6           | 19             | 86.4      | 62                  | 89.9           | 121            | 71.6      | 410                 | 75.8           |
| 3RD TRIMESTER                 | 10             | 5.2       | 25                  | 4.1            | 1              | 4.5       | 2                   | 2.9            | 9              | 5.3       | 23                  | 4.3            |
| NO PRENATAL CARE              | 1              | 0.5       | 8                   | 1.3            | 0              | 0.0       | 0                   | 0.0            | 1              | 0.6       | 8                   | 1.5            |
| <b>APNCU INDEX</b>            |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| ADEQUATE+                     | 44             | 22.8      | 141                 | 22.8           | 5              | 23.8      | 18                  | 26.5           | 38             | 22.4      | 122                 | 22.3           |
| ADEQUATE                      | 60             | 31.1      | 205                 | 33.1           | 9              | 42.9      | 28                  | 41.2           | 51             | 30.0      | 174                 | 31.9           |
| INTERMEDIATE                  | 45             | 23.3      | 155                 | 25.0           | 5              | 23.8      | 16                  | 23.5           | 40             | 23.5      | 139                 | 25.5           |
| INADEQUATE                    | 44             | 22.8      | 118                 | 19.1           | 2              | 9.5       | 6                   | 8.8            | 41             | 24.1      | 111                 | 20.3           |
| <b>KESSNER INDEX</b>          |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| ADEQUATE                      | 113            | 58.5      | 359                 | 58.0           | 18             | 85.7      | 53                  | 77.9           | 94             | 55.3      | 302                 | 55.3           |
| INTERMEDIATE                  | 69             | 35.8      | 227                 | 36.7           | 2              | 9.5       | 13                  | 19.1           | 66             | 38.8      | 213                 | 39.0           |
| INADEQUATE                    | 11             | 5.7       | 33                  | 5.3            | 1              | 4.8       | 2                   | 2.9            | 10             | 5.9       | 31                  | 5.7            |
| <b>C-SECTION BIRTHS</b>       | 17             | 8.8       | 48                  | 7.7            | 7              | 33.3      | 16                  | 22.9           | 10             | 5.8       | 32                  | 5.9            |
| <b>PRE-TERM BIRTHS</b>        | 27             | 13.8      | 83                  | 13.1           | 2              | 9.1       | 5                   | 7.0            | 25             | 14.6      | 78                  | 14.0           |
| <b>LOW BIRTHWEIGHT</b>        | 13             | 6.7       | 39                  | 6.2            | 2              | 9.1       | 5                   | 6.9            | 11             | 6.5       | 34                  | 6.2            |

Note: Unknown responses are excluded from the denominator when calculating percentages.

(1) Birth rate per 1,000 population. Population estimates by race by census area are only available for 2003. Therefore, three year rates are unavailable.

(2) Population estimates by census area for 15-17 and 18-19 are not available for 2003. Therefore, rates for these age groups are unavailable.

(3) Fertility rate per 1,000 female population ages 15-44. Population estimates by race by census area are only available for 2003. Therefore, three year rates are unavailable.

\* Rates based on fewer than 10 occurrences are statistically unreliable and should be used with caution.

\*\* Data suppressed for confidentiality concerns if total births to residents, by race, is less than five observations.

**TABLE 2** **SELECTED BIRTH STATISTICS REPORTED BY MOTHER'S RACE:**  
**2003 AND 2001-2003**  
**NORTH SLOPE BOROUGH**

|                            | TOTAL       |            |                  |                 | WHITE       |            |                  |                 | NATIVE      |            |                  |                 |
|----------------------------|-------------|------------|------------------|-----------------|-------------|------------|------------------|-----------------|-------------|------------|------------------|-----------------|
|                            | 2003 NUMBER | 2003 RATE* | 2001-2003 NUMBER | 2001-2003 RATE* | 2003 NUMBER | 2003 RATE* | 2001-2003 NUMBER | 2001-2003 RATE* | 2003 NUMBER | 2003 RATE* | 2001-2003 NUMBER | 2001-2003 RATE* |
| <b>BIRTH RATES (1)</b>     |             |            |                  |                 |             |            |                  |                 |             |            |                  |                 |
| CRUDE BIRTH RATE           | 162         | 22.4       | 490              | 22.5            | 10          | 7.1        | 36               |                 | 143         | 28.1       | 423              |                 |
| <b>TEEN BIRTH RATE (2)</b> |             |            |                  |                 |             |            |                  |                 |             |            |                  |                 |
| 15-17                      | 12          |            | 34               |                 | 0           |            | 0                |                 | 12          |            | 33               |                 |
| 18-19                      | 21          |            | 64               |                 | 1           |            | 3                |                 | 19          |            | 59               |                 |
| 15-19                      | 33          | 88.7       | 98               | 90.2            | 1           | 23.8 *     | 3                |                 | 31          | 100.6      | 92               |                 |
| <b>FERTILITY RATE (3)</b>  |             |            |                  |                 |             |            |                  |                 |             |            |                  |                 |
|                            | 162         | 105.8      | 490              | 105.5           | 10          | 34.6       | 36               |                 | 143         | 131.3      | 423              |                 |

|                               | TOTAL       |        |                  |             | WHITE       |        |                  |             | NATIVE      |        |                  |             |
|-------------------------------|-------------|--------|------------------|-------------|-------------|--------|------------------|-------------|-------------|--------|------------------|-------------|
|                               | 2003 NUMBER | 2003 % | 2001-2003 NUMBER | 2001-2003 % | 2003 NUMBER | 2003 % | 2001-2003 NUMBER | 2001-2003 % | 2003 NUMBER | 2003 % | 2001-2003 NUMBER | 2001-2003 % |
| <b>BIRTHS</b>                 |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| WITHIN AREA                   | 34          | 100.0  | 97               | 100.0       | 1           | 2.9    | 3                | 3.1         | 32          | 94.1   | 86               | 88.7        |
| TO RESIDENTS                  | 162         | 100.0  | 490              | 100.0       | 10          | 6.2    | 36               | 7.3         | 143         | 88.3   | 423              | 86.3        |
| <b>FACILITY</b>               |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| HOSPITAL                      | 156         | 96.3   | 477              | 97.3        | 7           | 70.0   | 29               | 80.6        | 141         | 98.6   | 420              | 99.3        |
| BIRTHING CENTER               | 1           | 0.6    | 1                | 0.2         | 0           | 0.0    | 0                | 0.0         | 1           | 0.7    | 1                | 0.2         |
| HOME                          | 1           | 0.6    | 1                | 0.2         | 0           | 0.0    | 0                | 0.0         | 1           | 0.7    | 1                | 0.2         |
| OTHER                         | 0           | 0.0    | 0                | 0.0         | 0           | 0.0    | 0                | 0.0         | 0           | 0.0    | 0                | 0.0         |
| OUTSIDE ALASKA                | 4           | 2.5    | 11               | 2.2         | 3           | 30.0   | 7                | 19.4        | 0           | 0.0    | 1                | 0.2         |
| <b>MOTHER CHARACTERISTICS</b> |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| <b>AGE GROUP</b>              |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| <15                           | 0           | 0.0    | 1                | 0.2         | 0           | 0.0    | 0                | 0.0         | 0           | 0.0    | 1                | 0.2         |
| 15-19                         | 33          | 20.6   | 98               | 20.1        | 1           | 12.5   | 3                | 9.1         | 31          | 21.7   | 92               | 21.7        |
| 20-24                         | 49          | 30.6   | 154              | 31.6        | 3           | 37.5   | 11               | 33.3        | 45          | 31.5   | 139              | 32.9        |
| 25-29                         | 42          | 26.3   | 107              | 22.0        | 1           | 12.5   | 9                | 27.3        | 37          | 25.9   | 90               | 21.3        |
| 30-34                         | 21          | 13.1   | 71               | 14.6        | 2           | 25.0   | 8                | 24.2        | 17          | 11.9   | 54               | 12.8        |
| 35-39                         | 13          | 8.1    | 48               | 9.9         | 1           | 12.5   | 2                | 6.1         | 11          | 7.7    | 40               | 9.5         |
| 40-44                         | 2           | 1.3    | 7                | 1.4         | 0           | 0.0    | 0                | 0.0         | 2           | 1.4    | 6                | 1.4         |
| 45+                           | 0           | 0.0    | 1                | 0.2         | 0           | 0.0    | 0                | 0.0         | 0           | 0.0    | 1                | 0.2         |
| REPORTED DRINKING             | 8           | 5.0    | 25               | 5.2         | 1           | 11.1   | 1                | 2.9         | 7           | 4.9    | 24               | 5.7         |
| REPORTED SMOKING              | 72          | 45.0   | 218              | 44.9        | 0           | 0.0    | 2                | 5.7         | 72          | 50.7   | 216              | 51.3        |
| UNWED                         | 99          | 61.1   | 289              | 59.2        | 1           | 10.0   | 4                | 11.1        | 96          | 67.1   | 275              | 65.0        |
| <b>EDUCATION</b>              |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| <12 YEARS                     | 43          | 26.7   | 128              | 26.9        | 0           | 0.0    | 0                | 0.0         | 43          | 30.3   | 125              | 30.5        |
| 12 YEARS                      | 90          | 55.9   | 262              | 55.2        | 5           | 50.0   | 16               | 45.7        | 81          | 57.0   | 234              | 57.1        |
| 12+ YEARS                     | 28          | 17.4   | 85               | 17.9        | 5           | 50.0   | 19               | 54.3        | 18          | 12.7   | 51               | 12.4        |
| <b>PRENATAL CARE</b>          |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| <b>TRIMESTER CARE BEGAN</b>   |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| 1ST TRIMESTER                 | 99          | 63.5   | 324              | 68.8        | 7           | 70.0   | 25               | 71.4        | 87          | 62.6   | 277              | 67.9        |
| 3RD TRIMESTER                 | 22          | 14.1   | 50               | 10.6        | 2           | 20.0   | 4                | 11.4        | 19          | 13.7   | 43               | 10.5        |
| NO PRENATAL CARE              | 0           | 0.0    | 3                | 0.6         | 0           | 0.0    | 0                | 0.0         | 0           | 0.0    | 3                | 0.7         |
| <b>APNCU INDEX</b>            |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| ADEQUATE+                     | 11          | 7.1    | 53               | 11.3        | 2           | 20.0   | 5                | 14.3        | 9           | 6.5    | 45               | 11.1        |
| ADEQUATE                      | 35          | 22.6   | 120              | 25.6        | 3           | 30.0   | 13               | 37.1        | 29          | 20.9   | 96               | 23.6        |
| INTERMEDIATE                  | 45          | 29.0   | 140              | 29.9        | 3           | 30.0   | 9                | 25.7        | 41          | 29.5   | 126              | 31.0        |
| INADEQUATE                    | 64          | 41.3   | 155              | 33.1        | 2           | 20.0   | 8                | 22.9        | 60          | 43.2   | 140              | 34.4        |
| <b>KESSNER INDEX</b>          |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| ADEQUATE                      | 45          | 29.0   | 174              | 37.0        | 5           | 50.0   | 19               | 54.3        | 36          | 25.9   | 138              | 33.8        |
| INTERMEDIATE                  | 88          | 56.8   | 243              | 51.7        | 3           | 30.0   | 12               | 34.3        | 84          | 60.4   | 224              | 54.9        |
| INADEQUATE                    | 22          | 14.2   | 53               | 11.3        | 2           | 20.0   | 4                | 11.4        | 19          | 13.7   | 46               | 11.3        |
| <b>C-SECTION BIRTHS</b>       |             |        |                  |             |             |        |                  |             |             |        |                  |             |
|                               | 14          | 8.6    | 50               | 10.3        | 3           | 30.0   | 7                | 20.0        | 8           | 5.6    | 35               | 8.3         |
| <b>PRE-TERM BIRTHS</b>        |             |        |                  |             |             |        |                  |             |             |        |                  |             |
|                               | 19          | 11.9   | 63               | 12.9        | 1           | 10.0   | 3                | 8.3         | 18          | 12.8   | 59               | 14.0        |
| <b>LOW BIRTHWEIGHT</b>        |             |        |                  |             |             |        |                  |             |             |        |                  |             |
|                               | 6           | 3.7    | 28               | 5.7         | 0           | 0.0    | 1                | 2.8         | 6           | 4.2    | 25               | 6.0         |

Note: Unknown responses are excluded from the denominator when calculating percentages.

- (1) Birth rate per 1,000 population. Population estimates by race by census area are only available for 2003. Therefore, three year rates are unavailable.
- (2) Population estimates by census area for 15-17 and 18-19 are not available for 2003. Therefore, rates for these age groups are unavailable.
- (3) Fertility rate per 1,000 female population ages 15-44. Population estimates by race by census area are only available for 2003. Therefore, three year rates are unavailable.

\* Rates based on fewer than 10 occurrences are statistically unreliable and should be used with caution.

\*\* Data suppressed for confidentiality concerns if total births to residents, by race, is less than five observations.

**TABLE 2 SELECTED BIRTH STATISTICS REPORTED BY MOTHER'S RACE:  
2003 AND 2001-2003  
NORTHWEST ARCTIC BOROUGH**

|                            | TOTAL          |               |                     |                    | WHITE          |               |                     |                    | NATIVE         |               |                     |                    |
|----------------------------|----------------|---------------|---------------------|--------------------|----------------|---------------|---------------------|--------------------|----------------|---------------|---------------------|--------------------|
|                            | 2003<br>NUMBER | 2003<br>RATE* | 2001-2003<br>NUMBER | 2001-2003<br>RATE* | 2003<br>NUMBER | 2003<br>RATE* | 2001-2003<br>NUMBER | 2001-2003<br>RATE* | 2003<br>NUMBER | 2003<br>RATE* | 2001-2003<br>NUMBER | 2001-2003<br>RATE* |
| <b>BIRTH RATES (1)</b>     |                |               |                     |                    |                |               |                     |                    |                |               |                     |                    |
| CRUDE BIRTH RATE           | 155            | 21.3          | 476                 | 21.9               | 6              | 5.8 *         | 31                  |                    | 149            | 24.4          | 442                 |                    |
| <b>TEEN BIRTH RATE (2)</b> |                |               |                     |                    |                |               |                     |                    |                |               |                     |                    |
| 15-17                      | 9              |               | 32                  |                    | 0              |               | 2                   |                    | 9              |               | 30                  |                    |
| 18-19                      | 18             |               | 61                  |                    | 0              |               | 1                   |                    | 18             |               | 60                  |                    |
| 15-19                      | 27             | 67.8          | 93                  | 83.8               | 0              | 0.0           | 3                   |                    | 27             | 73.2          | 90                  |                    |
| FERTILITY RATE (3)         | 155            | 104.6         | 476                 | 106.6              | 6              | 31.1 *        |                     |                    | 149            | 119.6         |                     |                    |

|                               | TOTAL          |           |                     |                | WHITE          |           |                     |                | NATIVE         |           |                     |                |
|-------------------------------|----------------|-----------|---------------------|----------------|----------------|-----------|---------------------|----------------|----------------|-----------|---------------------|----------------|
|                               | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% |
| <b>BIRTHS</b>                 |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| WITHIN AREA                   | 77             | 100.0     | 254                 | 100.0          | 3              | 3.9       | 11                  | 4.3            | 74             | 96.1      | 243                 | 95.7           |
| TO RESIDENTS                  | 155            | 100.0     | 476                 | 100.0          | 6              | 3.9       | 31                  | 6.5            | 149            | 96.1      | 442                 | 92.9           |
| <b>FACILITY</b>               |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| HOSPITAL                      | 154            | 99.4      | 469                 | 98.5           | 5              | 83.3      | 27                  | 87.1           | 149            | 100.0     | 439                 | 99.3           |
| BIRTHING CENTER               | 0              | 0.0       | 1                   | 0.2            | 0              | 0.0       | 1                   | 3.2            | 0              | 0.0       | 0                   | 0.0            |
| HOME                          | 0              | 0.0       | 2                   | 0.4            | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 2                   | 0.5            |
| OTHER                         | 0              | 0.0       | 1                   | 0.2            | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 1                   | 0.2            |
| OUTSIDE ALASKA                | 1              | 0.6       | 3                   | 0.6            | 1              | 16.7      | 3                   | 9.7            | 0              | 0.0       | 0                   | 0.0            |
| <b>MOTHER CHARACTERISTICS</b> |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <b>AGE GROUP</b>              |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <15                           | 2              | 1.3       | 2                   | 0.4            | 0              | 0.0       | 0                   | 0.0            | 2              | 1.3       | 2                   | 0.5            |
| 15-19                         | 27             | 17.4      | 93                  | 19.5           | 0              | 0.0       | 3                   | 9.7            | 27             | 18.1      | 90                  | 20.4           |
| 20-24                         | 59             | 38.1      | 149                 | 31.3           | 1              | 16.7      | 4                   | 12.9           | 58             | 38.9      | 144                 | 32.6           |
| 25-29                         | 32             | 20.6      | 106                 | 22.3           | 2              | 33.3      | 10                  | 32.3           | 30             | 20.1      | 95                  | 21.5           |
| 30-34                         | 19             | 12.3      | 75                  | 15.8           | 1              | 16.7      | 7                   | 22.6           | 18             | 12.1      | 67                  | 15.2           |
| 35-39                         | 11             | 7.1       | 40                  | 8.4            | 2              | 33.3      | 6                   | 19.4           | 9              | 6.0       | 34                  | 7.7            |
| 40-44                         | 5              | 3.2       | 10                  | 2.1            | 0              | 0.0       | 1                   | 3.2            | 5              | 3.4       | 9                   | 2.0            |
| 45+                           | 0              | 0.0       | 1                   | 0.2            | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 1                   | 0.2            |
| REPORTED DRINKING             | 6              | 4.0       | 28                  | 6.0            | 1              | 16.7      | 2                   | 6.5            | 5              | 3.5       | 25                  | 5.7            |
| REPORTED SMOKING              | 70             | 46.1      | 230                 | 48.9           | 2              | 33.3      | 5                   | 16.1           | 68             | 46.6      | 225                 | 51.5           |
| UNWED                         | 118            | 76.1      | 314                 | 66.2           | 2              | 33.3      | 10                  | 32.3           | 116            | 77.9      | 304                 | 68.9           |
| <b>EDUCATION</b>              |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <12 YEARS                     | 56             | 38.1      | 174                 | 38.4           | 1              | 16.7      | 3                   | 10.7           | 55             | 39.0      | 171                 | 40.4           |
| 12 YEARS                      | 76             | 51.7      | 230                 | 50.8           | 3              | 50.0      | 6                   | 21.4           | 73             | 51.8      | 224                 | 53.0           |
| 12+ YEARS                     | 15             | 10.2      | 49                  | 10.8           | 2              | 33.3      | 19                  | 67.9           | 13             | 9.2       | 28                  | 6.6            |
| <b>PRENATAL CARE</b>          |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <b>TRIMESTER CARE BEGAN</b>   |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| 1ST TRIMESTER                 | 103            | 67.8      | 314                 | 68.0           | 5              | 83.3      | 24                  | 77.4           | 98             | 67.1      | 288                 | 67.1           |
| 3RD TRIMESTER                 | 10             | 6.6       | 30                  | 6.5            | 1              | 16.7      | 3                   | 9.7            | 9              | 6.2       | 27                  | 6.3            |
| NO PRENATAL CARE              | 1              | 0.7       | 2                   | 0.4            | 0              | 0.0       | 0                   | 0.0            | 1              | 0.7       | 2                   | 0.5            |
| <b>APNCU INDEX</b>            |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| ADEQUATE+                     | 31             | 20.3      | 88                  | 19.2           | 3              | 50.0      | 8                   | 25.8           | 28             | 19.0      | 80                  | 18.8           |
| ADEQUATE                      | 39             | 25.5      | 108                 | 23.5           | 1              | 16.7      | 8                   | 25.8           | 38             | 25.9      | 100                 | 23.5           |
| INTERMEDIATE                  | 35             | 22.9      | 119                 | 25.9           | 0              | 0.0       | 9                   | 29.0           | 35             | 23.8      | 108                 | 25.4           |
| INADEQUATE                    | 48             | 31.4      | 144                 | 31.4           | 2              | 33.3      | 6                   | 19.4           | 46             | 31.3      | 138                 | 32.4           |
| <b>KESSNER INDEX</b>          |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| ADEQUATE                      | 65             | 42.5      | 186                 | 40.5           | 4              | 66.7      | 18                  | 58.1           | 61             | 41.5      | 167                 | 39.2           |
| INTERMEDIATE                  | 77             | 50.3      | 241                 | 52.5           | 1              | 16.7      | 10                  | 32.3           | 76             | 51.7      | 230                 | 54.0           |
| INADEQUATE                    | 11             | 7.2       | 32                  | 7.0            | 1              | 16.7      | 3                   | 9.7            | 10             | 6.8       | 29                  | 6.8            |
| <b>C-SECTION BIRTHS</b>       | 13             | 8.4       | 33                  | 7.0            | 1              | 16.7      | 4                   | 12.9           | 12             | 8.1       | 28                  | 6.4            |
| <b>PRE-TERM BIRTHS</b>        | 15             | 9.7       | 55                  | 11.7           | 0              | 0.0       | 0                   | 0.0            | 15             | 10.1      | 55                  | 12.6           |
| <b>LOW BIRTHWEIGHT</b>        | 6              | 3.9       | 27                  | 5.7            | 0              | 0.0       | 0                   | 0.0            | 6              | 4.1       | 27                  | 6.1            |

Note: Unknown responses are excluded from the denominator when calculating percentages.

(1) Birth rate per 1,000 population. Population estimates by race by census area are only available for 2003. Therefore, three year rates are unavailable.

(2) Population estimates by census area for 15-17 and 18-19 are not available for 2003. Therefore, rates for these age groups are unavailable.

(3) Fertility rate per 1,000 female population ages 15-44. Population estimates by race by census area are only available for 2003. Therefore, three year rates are unavailable.

\* Rates based on fewer than 10 occurrences are statistically unreliable and should be used with caution.

\*\* Data suppressed for confidentiality concerns if total births to residents, by race, is less than five observations.



**TABLE 2** **SELECTED BIRTH STATISTICS REPORTED BY MOTHER'S RACE:**  
**2003 AND 2001-2003**  
**PRINCE OF WALES-OUTER KETCHIKAN CENSUS AREA**

|                            | TOTAL       |            |                  |                 | WHITE       |            |                  |                 | NATIVE      |            |                  |                 |
|----------------------------|-------------|------------|------------------|-----------------|-------------|------------|------------------|-----------------|-------------|------------|------------------|-----------------|
|                            | 2003 NUMBER | 2003 RATE* | 2001-2003 NUMBER | 2001-2003 RATE* | 2003 NUMBER | 2003 RATE* | 2001-2003 NUMBER | 2001-2003 RATE* | 2003 NUMBER | 2003 RATE* | 2001-2003 NUMBER | 2001-2003 RATE* |
| <b>BIRTH RATES (1)</b>     |             |            |                  |                 |             |            |                  |                 |             |            |                  |                 |
| CRUDE BIRTH RATE           | 47          | 8.4        | 195              | 11.4            | 16          | 5.2        | 81               |                 | 29          | 12.0       | 105              |                 |
| <b>TEEN BIRTH RATE (2)</b> |             |            |                  |                 |             |            |                  |                 |             |            |                  |                 |
| 15-17                      | 2           |            | 11               |                 | 1           |            | 4                |                 | 1           |            | 6                |                 |
| 18-19                      | 8           |            | 31               |                 | 2           |            | 10               |                 | 6           |            | 21               |                 |
| 15-19                      | 10          | 42.4       | 42               | 59.2            | 3           | 24.6 *     | 14               |                 | 7           | 64.2 *     | 27               |                 |
| <b>FERTILITY RATE (3)</b>  | 47          | 43.4       | 195              | 57.7            | 16          | 27.8       | 81               |                 | 29          | 59.5       | 105              |                 |

|                               | TOTAL       |        |                  |             | WHITE       |        |                  |             | NATIVE      |        |                  |             |
|-------------------------------|-------------|--------|------------------|-------------|-------------|--------|------------------|-------------|-------------|--------|------------------|-------------|
|                               | 2003 NUMBER | 2003 % | 2001-2003 NUMBER | 2001-2003 % | 2003 NUMBER | 2003 % | 2001-2003 NUMBER | 2001-2003 % | 2003 NUMBER | 2003 % | 2001-2003 NUMBER | 2001-2003 % |
| <b>BIRTHS</b>                 |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| WITHIN AREA                   | 3           | 100.0  | 5                | 100.0       | 2           | 66.7   | 3                | 60.0        | 1           | 33.3   | 2                | 40.0        |
| TO RESIDENTS                  | 47          | 100.0  | 195              | 100.0       | 16          | 34.0   | 81               | 41.5        | 29          | 61.7   | 105              | 53.8        |
| <b>FACILITY</b>               |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| HOSPITAL                      | 39          | 83.0   | 172              | 88.2        | 12          | 75.0   | 67               | 82.7        | 26          | 89.7   | 98               | 93.3        |
| BIRTHING CENTER               | 0           | 0.0    | 1                | 0.5         | 0           | 0.0    | 1                | 1.2         | 0           | 0.0    | 0                | 0.0         |
| HOME                          | 6           | 12.8   | 11               | 5.6         | 4           | 25.0   | 8                | 9.9         | 2           | 6.9    | 3                | 2.9         |
| OTHER                         | 1           | 2.1    | 2                | 1.0         | 0           | 0.0    | 0                | 0.0         | 1           | 3.4    | 2                | 1.9         |
| OUTSIDE ALASKA                | 1           | 2.1    | 9                | 4.6         | 0           | 0.0    | 5                | 6.2         | 0           | 0.0    | 2                | 1.9         |
| <b>MOTHER CHARACTERISTICS</b> |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| <b>AGE GROUP</b>              |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| <15                           | 0           | 0.0    | 0                | 0.0         | 0           | 0.0    | 0                | 0.0         | 0           | 0.0    | 0                | 0.0         |
| 15-19                         | 10          | 21.7   | 42               | 21.6        | 3           | 18.8   | 14               | 17.3        | 7           | 24.1   | 27               | 25.7        |
| 20-24                         | 14          | 30.4   | 62               | 32.0        | 4           | 25.0   | 24               | 29.6        | 9           | 31.0   | 36               | 34.3        |
| 25-29                         | 11          | 23.9   | 45               | 23.2        | 5           | 31.3   | 20               | 24.7        | 6           | 20.7   | 24               | 22.9        |
| 30-34                         | 7           | 15.2   | 29               | 14.9        | 3           | 18.8   | 14               | 17.3        | 4           | 13.8   | 13               | 12.4        |
| 35-39                         | 3           | 6.5    | 10               | 5.2         | 1           | 6.3    | 5                | 6.2         | 2           | 6.9    | 4                | 3.8         |
| 40-44                         | 1           | 2.2    | 6                | 3.1         | 0           | 0.0    | 4                | 4.9         | 1           | 3.4    | 1                | 1.0         |
| 45+                           | 0           | 0.0    | 0                | 0.0         | 0           | 0.0    | 0                | 0.0         | 0           | 0.0    | 0                | 0.0         |
| REPORTED DRINKING             | 0           | 0.0    | 3                | 1.6         | 0           | 0.0    | 0                | 0.0         | 0           | 0.0    | 3                | 2.9         |
| REPORTED SMOKING              | 7           | 15.2   | 36               | 18.7        | 5           | 31.3   | 19               | 23.5        | 2           | 6.9    | 17               | 16.3        |
| UNWED                         | 25          | 53.2   | 104              | 53.3        | 7           | 43.8   | 30               | 37.0        | 17          | 58.6   | 71               | 67.6        |
| <b>EDUCATION</b>              |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| <12 YEARS                     | 8           | 18.2   | 31               | 16.7        | 2           | 12.5   | 11               | 14.1        | 6           | 23.1   | 20               | 20.2        |
| 12 YEARS                      | 25          | 56.8   | 100              | 53.8        | 9           | 56.3   | 40               | 51.3        | 15          | 57.7   | 55               | 55.6        |
| 12+ YEARS                     | 11          | 25.0   | 55               | 29.6        | 5           | 31.3   | 27               | 34.6        | 5           | 19.2   | 24               | 24.2        |
| <b>PRENATAL CARE</b>          |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| <b>TRIMESTER CARE BEGAN</b>   |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| 1ST TRIMESTER                 | 34          | 73.9   | 140              | 75.7        | 10          | 62.5   | 59               | 75.6        | 22          | 78.6   | 75               | 76.5        |
| 3RD TRIMESTER                 | 1           | 2.2    | 7                | 3.8         | 0           | 0.0    | 2                | 2.6         | 1           | 3.6    | 5                | 5.1         |
| NO PRENATAL CARE              | 0           | 0.0    | 2                | 1.1         | 0           | 0.0    | 2                | 2.5         | 0           | 0.0    | 0                | 0.0         |
| <b>APNCU INDEX</b>            |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| ADEQUATE+                     | 14          | 30.4   | 39               | 21.1        | 3           | 18.8   | 12               | 15.0        | 10          | 35.7   | 26               | 27.1        |
| ADEQUATE                      | 23          | 50.0   | 87               | 47.0        | 9           | 56.3   | 42               | 52.5        | 13          | 46.4   | 40               | 41.7        |
| INTERMEDIATE                  | 4           | 8.7    | 27               | 14.6        | 2           | 12.5   | 12               | 15.0        | 2           | 7.1    | 14               | 14.6        |
| INADEQUATE                    | 5           | 10.9   | 32               | 17.3        | 2           | 12.5   | 14               | 17.5        | 3           | 10.7   | 16               | 16.7        |
| <b>KESSNER INDEX</b>          |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| ADEQUATE                      | 30          | 65.2   | 117              | 63.2        | 9           | 56.3   | 48               | 60.0        | 19          | 67.9   | 65               | 67.7        |
| INTERMEDIATE                  | 15          | 32.6   | 59               | 31.9        | 7           | 43.8   | 28               | 35.0        | 8           | 28.6   | 26               | 27.1        |
| INADEQUATE                    | 1           | 2.2    | 9                | 4.9         | 0           | 0.0    | 4                | 5.0         | 1           | 3.6    | 5                | 5.2         |
| <b>C-SECTION BIRTHS</b>       | 8           | 17.0   | 39               | 20.0        | 2           | 12.5   | 20               | 24.7        | 6           | 20.7   | 17               | 16.2        |
| <b>PRE-TERM BIRTHS</b>        | 5           | 10.6   | 21               | 10.8        | 2           | 12.5   | 7                | 8.6         | 2           | 6.9    | 12               | 11.4        |
| <b>LOW BIRTHWEIGHT</b>        | 2           | 4.3    | 8                | 4.1         | 1           | 6.3    | 4                | 4.9         | 0           | 0.0    | 2                | 1.9         |

Note: Unknown responses are excluded from the denominator when calculating percentages.

- (1) Birth rate per 1,000 population. Population estimates by race by census area are only available for 2003. Therefore, three year rates are unavailable.
- (2) Population estimates by census area for 15-17 and 18-19 are not available for 2003. Therefore, rates for these age groups are unavailable.
- (3) Fertility rate per 1,000 female population ages 15-44. Population estimates by race by census area are only available for 2003. Therefore, three year rates are unavailable.

\* Rates based on fewer than 10 occurrences are statistically unreliable and should be used with caution.

\*\* Data suppressed for confidentiality concerns if total births to residents, by race, is less than five observations.

**TABLE 2 SELECTED BIRTH STATISTICS REPORTED BY MOTHER'S RACE:  
2003 AND 2001-2003  
SITKA BOROUGH**

|                            | TOTAL          |               |                     |                    | WHITE          |               |                     |                    | NATIVE         |               |                     |                    |
|----------------------------|----------------|---------------|---------------------|--------------------|----------------|---------------|---------------------|--------------------|----------------|---------------|---------------------|--------------------|
|                            | 2003<br>NUMBER | 2003<br>RATE* | 2001-2003<br>NUMBER | 2001-2003<br>RATE* | 2003<br>NUMBER | 2003<br>RATE* | 2001-2003<br>NUMBER | 2001-2003<br>RATE* | 2003<br>NUMBER | 2003<br>RATE* | 2001-2003<br>NUMBER | 2001-2003<br>RATE* |
| <b>BIRTH RATES (1)</b>     |                |               |                     |                    |                |               |                     |                    |                |               |                     |                    |
| CRUDE BIRTH RATE           | 122            | 13.7          | 356                 | 13.4               | 80             | 12.9          | 242                 |                    | 34             | 16.7          | 97                  |                    |
| <b>TEEN BIRTH RATE (2)</b> |                |               |                     |                    |                |               |                     |                    |                |               |                     |                    |
| 15-17                      | 3              |               | 7                   |                    | 1              |               | 2                   |                    | 2              |               | 5                   |                    |
| 18-19                      | 12             |               | 23                  |                    | 7              |               | 12                  |                    | 5              |               | 11                  |                    |
| 15-19                      | 15             | 40.8          | 30                  | 28.7               | 8              | 33.9 *        | 14                  |                    | 7              | 68.6 *        | 16                  |                    |
| FERTILITY RATE (3)         | 122            | 65.8          | 356                 | 64.2               | 80             | 63.8          | 242                 |                    | 34             | 76.7          | 97                  |                    |

|                               | TOTAL          |           |                     |                | WHITE          |           |                     |                | NATIVE         |           |                     |                |
|-------------------------------|----------------|-----------|---------------------|----------------|----------------|-----------|---------------------|----------------|----------------|-----------|---------------------|----------------|
|                               | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% |
| <b>BIRTHS</b>                 |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| WITHIN AREA                   | 116            | 100.0     | 365                 | 100.0          | 75             | 64.7      | 236                 | 64.7           | 35             | 30.2      | 115                 | 31.5           |
| TO RESIDENTS                  | 122            | 100.0     | 356                 | 100.0          | 80             | 65.6      | 242                 | 68.0           | 34             | 27.9      | 97                  | 27.2           |
| <b>FACILITY</b>               |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| HOSPITAL                      | 119            | 97.5      | 345                 | 96.9           | 77             | 96.3      | 231                 | 95.5           | 34             | 100.0     | 97                  | 100.0          |
| BIRTHING CENTER               | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            |
| HOME                          | 0              | 0.0       | 4                   | 1.1            | 0              | 0.0       | 4                   | 1.7            | 0              | 0.0       | 0                   | 0.0            |
| OTHER                         | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            |
| OUTSIDE ALASKA                | 3              | 2.5       | 7                   | 2.0            | 3              | 3.8       | 7                   | 2.9            | 0              | 0.0       | 0                   | 0.0            |
| <b>MOTHER CHARACTERISTICS</b> |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <b>AGE GROUP</b>              |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <15                           | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            |
| 15-19                         | 15             | 12.3      | 30                  | 8.4            | 8              | 10.0      | 14                  | 5.8            | 7              | 20.6      | 16                  | 16.5           |
| 20-24                         | 26             | 21.3      | 80                  | 22.5           | 12             | 15.0      | 40                  | 16.5           | 12             | 35.3      | 33                  | 34.0           |
| 25-29                         | 23             | 18.9      | 99                  | 27.8           | 15             | 18.8      | 68                  | 28.1           | 5              | 14.7      | 26                  | 26.8           |
| 30-34                         | 31             | 25.4      | 79                  | 22.2           | 25             | 31.3      | 68                  | 28.1           | 5              | 14.7      | 10                  | 10.3           |
| 35-39                         | 22             | 18.0      | 57                  | 16.0           | 17             | 21.3      | 46                  | 19.0           | 4              | 11.8      | 8                   | 8.2            |
| 40-44                         | 5              | 4.1       | 11                  | 3.1            | 3              | 3.8       | 6                   | 2.5            | 1              | 2.9       | 4                   | 4.1            |
| 45+                           | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            |
| REPORTED DRINKING             | 2              | 1.7       | 8                   | 2.3            | 2              | 2.6       | 5                   | 2.1            | 0              | 0.0       | 3                   | 3.1            |
| REPORTED SMOKING              | 14             | 11.5      | 41                  | 11.5           | 5              | 6.3       | 19                  | 7.9            | 9              | 26.5      | 21                  | 21.6           |
| UNWED                         | 44             | 36.4      | 131                 | 37.0           | 21             | 26.3      | 65                  | 27.0           | 22             | 64.7      | 63                  | 64.9           |
| <b>EDUCATION</b>              |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <12 YEARS                     | 10             | 8.4       | 32                  | 9.2            | 6              | 7.6       | 14                  | 5.9            | 4              | 12.1      | 17                  | 18.3           |
| 12 YEARS                      | 38             | 31.9      | 114                 | 32.9           | 20             | 25.3      | 68                  | 28.6           | 16             | 48.5      | 43                  | 46.2           |
| 12+ YEARS                     | 71             | 59.7      | 200                 | 57.8           | 53             | 67.1      | 156                 | 65.5           | 13             | 39.4      | 33                  | 35.5           |
| <b>PRENATAL CARE</b>          |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <b>TRIMESTER CARE BEGAN</b>   |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| 1ST TRIMESTER                 | 85             | 71.4      | 258                 | 73.9           | 55             | 70.5      | 181                 | 76.4           | 25             | 73.5      | 64                  | 66.7           |
| 3RD TRIMESTER                 | 10             | 8.4       | 29                  | 8.3            | 7              | 9.0       | 15                  | 6.3            | 2              | 5.9       | 12                  | 12.5           |
| NO PRENATAL CARE              | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            |
| <b>APNCU INDEX</b>            |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| ADEQUATE+                     | 21             | 17.8      | 85                  | 24.5           | 9              | 11.7      | 49                  | 20.8           | 10             | 29.4      | 32                  | 33.3           |
| ADEQUATE                      | 45             | 38.1      | 121                 | 34.9           | 31             | 40.3      | 91                  | 38.6           | 13             | 38.2      | 27                  | 28.1           |
| INTERMEDIATE                  | 25             | 21.2      | 57                  | 16.4           | 19             | 24.7      | 43                  | 18.2           | 3              | 8.8       | 8                   | 8.3            |
| INADEQUATE                    | 27             | 22.9      | 84                  | 24.2           | 18             | 23.4      | 53                  | 22.5           | 8              | 23.5      | 29                  | 30.2           |
| <b>KESSNER INDEX</b>          |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| ADEQUATE                      | 68             | 57.6      | 209                 | 60.2           | 43             | 55.8      | 144                 | 61.0           | 22             | 64.7      | 58                  | 60.4           |
| INTERMEDIATE                  | 40             | 33.9      | 109                 | 31.4           | 27             | 35.1      | 77                  | 32.6           | 10             | 29.4      | 26                  | 27.1           |
| INADEQUATE                    | 10             | 8.5       | 29                  | 8.4            | 7              | 9.1       | 15                  | 6.4            | 2              | 5.9       | 12                  | 12.5           |
| <b>C-SECTION BIRTHS</b>       | 33             | 28.2      | 88                  | 25.3           | 24             | 31.2      | 62                  | 26.1           | 6              | 18.8      | 19                  | 20.4           |
| <b>PRE-TERM BIRTHS</b>        | 10             | 8.2       | 33                  | 9.3            | 5              | 6.3       | 21                  | 8.7            | 3              | 8.8       | 8                   | 8.2            |
| <b>LOW BIRTHWEIGHT</b>        | 8              | 6.6       | 16                  | 4.5            | 5              | 6.3       | 9                   | 3.7            | 1              | 2.9       | 3                   | 3.1            |

Note: Unknown responses are excluded from the denominator when calculating percentages.

(1) Birth rate per 1,000 population. Population estimates by race by census area are only available for 2003. Therefore, three year rates are unavailable.

(2) Population estimates by census area for 15-17 and 18-19 are not available for 2003. Therefore, rates for these age groups are unavailable.

(3) Fertility rate per 1,000 female population ages 15-44. Population estimates by race by census area are only available for 2003. Therefore, three year rates are unavailable.

\* Rates based on fewer than 10 occurrences are statistically unreliable and should be used with caution.

\*\* Data suppressed for confidentiality concerns if total births to residents, by race, is less than five observations.

**TABLE 2** **SELECTED BIRTH STATISTICS REPORTED BY MOTHER'S RACE:**  
**2003 AND 2001-2003**  
**SKAGWAY-HOONAH-ANGOON CENSUS AREA**

|                            | TOTAL       |            |                  |                 | WHITE       |            |                  |                 | NATIVE      |            |                  |                 |
|----------------------------|-------------|------------|------------------|-----------------|-------------|------------|------------------|-----------------|-------------|------------|------------------|-----------------|
|                            | 2003 NUMBER | 2003 RATE* | 2001-2003 NUMBER | 2001-2003 RATE* | 2003 NUMBER | 2003 RATE* | 2001-2003 NUMBER | 2001-2003 RATE* | 2003 NUMBER | 2003 RATE* | 2001-2003 NUMBER | 2001-2003 RATE* |
| <b>BIRTH RATES (1)</b>     |             |            |                  |                 |             |            |                  |                 |             |            |                  |                 |
| CRUDE BIRTH RATE           | 30          | 9.5        | 86               | 8.8             | 15          | 7.7        | 40               |                 | 10          | 8.6        | 35               |                 |
| <b>TEEN BIRTH RATE (2)</b> |             |            |                  |                 |             |            |                  |                 |             |            |                  |                 |
| 15-17                      | 0           |            | 0                |                 | 0           |            | 0                |                 | 0           |            | 0                |                 |
| 18-19                      | 0           |            | 4                |                 | 0           |            | 1                |                 | 0           |            | 3                |                 |
| 15-19                      | 0           | 0.0        | 4                | 11.4 *          | 0           | 0.0        | 1                |                 | 0           | 0.0        | 3                |                 |
| <b>FERTILITY RATE (3)</b>  | 30          | 50.3       | 86               | 46.0            | 15          | 43.7       | 40               |                 | 10          | 42.2       | 35               |                 |

|                               | TOTAL       |        |                  |             | WHITE       |        |                  |             | NATIVE      |        |                  |             |
|-------------------------------|-------------|--------|------------------|-------------|-------------|--------|------------------|-------------|-------------|--------|------------------|-------------|
|                               | 2003 NUMBER | 2003 % | 2001-2003 NUMBER | 2001-2003 % | 2003 NUMBER | 2003 % | 2001-2003 NUMBER | 2001-2003 % | 2003 NUMBER | 2003 % | 2001-2003 NUMBER | 2001-2003 % |
| <b>BIRTHS</b>                 |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| WITHIN AREA                   | 1           | 100.0  | 2                | 100.0       | 0           | 0.0    | 0                | 0.0         | 1           | 100.0  | 2                | 100.0       |
| TO RESIDENTS                  | 30          | 100.0  | 86               | 100.0       | 15          | 50.0   | 40               | 46.5        | 10          | 33.3   | 35               | 40.7        |
| <b>FACILITY</b>               |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| HOSPITAL                      | 20          | 66.7   | 60               | 69.8        | 11          | 73.3   | 27               | 67.5        | 8           | 80.0   | 32               | 91.4        |
| BIRTHING CENTER               | 3           | 10.0   | 12               | 14.0        | 2           | 13.3   | 10               | 25.0        | 1           | 10.0   | 2                | 5.7         |
| HOME                          | 0           | 0.0    | 0                | 0.0         | 0           | 0.0    | 0                | 0.0         | 0           | 0.0    | 0                | 0.0         |
| OTHER                         | 2           | 6.7    | 2                | 2.3         | 1           | 6.7    | 1                | 2.5         | 1           | 10.0   | 1                | 2.9         |
| OUTSIDE ALASKA                | 5           | 16.7   | 12               | 14.0        | 1           | 6.7    | 2                | 5.0         | 0           | 0.0    | 0                | 0.0         |
| <b>MOTHER CHARACTERISTICS</b> |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| <b>AGE GROUP</b>              |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| <15                           | 0           | 0.0    | 0                | 0.0         | 0           | 0.0    | 0                | 0.0         | 0           | 0.0    | 0                | 0.0         |
| 15-19                         | 0           | 0.0    | 4                | 4.7         | 0           | 0.0    | 1                | 2.6         | 0           | 0.0    | 3                | 8.6         |
| 20-24                         | 10          | 33.3   | 26               | 30.6        | 5           | 33.3   | 9                | 23.1        | 5           | 50.0   | 16               | 45.7        |
| 25-29                         | 9           | 30.0   | 27               | 31.8        | 3           | 20.0   | 12               | 30.8        | 4           | 40.0   | 12               | 34.3        |
| 30-34                         | 7           | 23.3   | 15               | 17.6        | 4           | 26.7   | 8                | 20.5        | 1           | 10.0   | 2                | 5.7         |
| 35-39                         | 3           | 10.0   | 12               | 14.1        | 2           | 13.3   | 8                | 20.5        | 0           | 0.0    | 2                | 5.7         |
| 40-44                         | 1           | 3.3    | 1                | 1.2         | 1           | 6.7    | 1                | 2.6         | 0           | 0.0    | 0                | 0.0         |
| 45+                           | 0           | 0.0    | 0                | 0.0         | 0           | 0.0    | 0                | 0.0         | 0           | 0.0    | 0                | 0.0         |
| REPORTED DRINKING             | 1           | 3.8    | 3                | 4.1         | 1           | 6.7    | 3                | 7.7         | 0           | 0.0    | 0                | 0.0         |
| REPORTED SMOKING              | 7           | 26.9   | 12               | 16.2        | 4           | 26.7   | 6                | 15.4        | 3           | 30.0   | 6                | 17.6        |
| UNWED                         | 9           | 34.6   | 32               | 42.7        | 4           | 26.7   | 10               | 25.6        | 5           | 50.0   | 22               | 62.9        |
| <b>EDUCATION</b>              |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| <12 YEARS                     | 6           | 23.1   | 15               | 20.8        | 1           | 6.7    | 3                | 7.9         | 5           | 50.0   | 12               | 36.4        |
| 12 YEARS                      | 8           | 30.8   | 27               | 37.5        | 4           | 26.7   | 11               | 28.9        | 4           | 40.0   | 16               | 48.5        |
| 12+ YEARS                     | 12          | 46.2   | 30               | 41.7        | 10          | 66.7   | 24               | 63.2        | 1           | 10.0   | 5                | 15.2        |
| <b>PRENATAL CARE</b>          |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| <b>TRIMESTER CARE BEGAN</b>   |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| 1ST TRIMESTER                 | 18          | 94.7   | 53               | 89.8        | 12          | 100.0  | 33               | 97.1        | 5           | 83.3   | 19               | 79.2        |
| 3RD TRIMESTER                 | 1           | 5.3    | 3                | 5.1         | 0           | 0.0    | 0                | 0.0         | 1           | 16.7   | 3                | 12.5        |
| NO PRENATAL CARE              | 0           | 0.0    | 0                | 0.0         | 0           | 0.0    | 0                | 0.0         | 0           | 0.0    | 0                | 0.0         |
| <b>APNCU INDEX</b>            |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| ADEQUATE+                     | 8           | 50.0   | 15               | 31.3        | 4           | 44.4   | 7                | 25.9        | 4           | 66.7   | 8                | 40.0        |
| ADEQUATE                      | 4           | 25.0   | 16               | 33.3        | 3           | 33.3   | 13               | 48.1        | 0           | 0.0    | 2                | 10.0        |
| INTERMEDIATE                  | 3           | 18.8   | 11               | 22.9        | 2           | 22.2   | 6                | 22.2        | 1           | 16.7   | 5                | 25.0        |
| INADEQUATE                    | 1           | 6.3    | 6                | 12.5        | 0           | 0.0    | 1                | 3.7         | 1           | 16.7   | 5                | 25.0        |
| <b>KESSNER INDEX</b>          |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| ADEQUATE                      | 11          | 68.8   | 33               | 68.8        | 6           | 66.7   | 21               | 77.8        | 4           | 66.7   | 11               | 55.0        |
| INTERMEDIATE                  | 4           | 25.0   | 12               | 25.0        | 3           | 33.3   | 6                | 22.2        | 1           | 16.7   | 6                | 30.0        |
| INADEQUATE                    | 1           | 6.3    | 3                | 6.3         | 0           | 0.0    | 0                | 0.0         | 1           | 16.7   | 3                | 15.0        |
| <b>C-SECTION BIRTHS</b>       | 12          | 46.2   | 23               | 30.7        | 9           | 60.0   | 15               | 38.5        | 3           | 30.0   | 8                | 22.9        |
| <b>PRE-TERM BIRTHS</b>        | 7           | 29.2   | 10               | 14.3        | 3           | 23.1   | 5                | 13.9        | 4           | 40.0   | 5                | 15.2        |
| <b>LOW BIRTHWEIGHT</b>        | 2           | 7.7    | 4                | 5.3         | 1           | 6.7    | 2                | 5.1         | 1           | 10.0   | 2                | 5.7         |

Note: Unknown responses are excluded from the denominator when calculating percentages.

- (1) Birth rate per 1,000 population. Population estimates by race by census area are only available for 2003. Therefore, three year rates are unavailable.
- (2) Population estimates by census area for 15-17 and 18-19 are not available for 2003. Therefore, rates for these age groups are unavailable.
- (3) Fertility rate per 1,000 female population ages 15-44. Population estimates by race by census area are only available for 2003. Therefore, three year rates are unavailable.

\* Rates based on fewer than 10 occurrences are statistically unreliable and should be used with caution.

\*\* Data suppressed for confidentiality concerns if total births to residents, by race, is less than five observations.

**TABLE 2** **SELECTED BIRTH STATISTICS REPORTED BY MOTHER'S RACE:**  
**2003 AND 2001-2003**  
**SOUTHEAST FAIRBANKS CENSUS AREA**

|                            | TOTAL          |               |                     |                    | WHITE          |               |                     |                    | NATIVE         |               |                     |                    |
|----------------------------|----------------|---------------|---------------------|--------------------|----------------|---------------|---------------------|--------------------|----------------|---------------|---------------------|--------------------|
|                            | 2003<br>NUMBER | 2003<br>RATE* | 2001-2003<br>NUMBER | 2001-2003<br>RATE* | 2003<br>NUMBER | 2003<br>RATE* | 2001-2003<br>NUMBER | 2001-2003<br>RATE* | 2003<br>NUMBER | 2003<br>RATE* | 2001-2003<br>NUMBER | 2001-2003<br>RATE* |
| <b>BIRTH RATES (1)</b>     |                |               |                     |                    |                |               |                     |                    |                |               |                     |                    |
| CRUDE BIRTH RATE           | 83             | 14.0          | 263                 | 14.8               | 57             | 11.8          | 201                 |                    | 23             | 25.1          | 54                  |                    |
| <b>TEEN BIRTH RATE (2)</b> |                |               |                     |                    |                |               |                     |                    |                |               |                     |                    |
| 15-17                      | 3              |               | 7                   |                    | 1              |               | 4                   |                    | 2              |               | 3                   |                    |
| 18-19                      | 6              |               | 17                  |                    | 3              |               | 9                   |                    | 3              |               | 7                   |                    |
| 15-19                      | 9              | 37.2 *        | 24                  | 33.0               | 4              | 19.6 *        | 13                  |                    | 5              | 151.5 *       | 10                  |                    |
| FERTILITY RATE (3)         | 83             | 79.3          | 263                 | 81.0               | 57             | 67.9          | 201                 |                    | 23             | 136.1         | 54                  |                    |

|                               | TOTAL          |           |                     |                | WHITE          |           |                     |                | NATIVE         |           |                     |                |
|-------------------------------|----------------|-----------|---------------------|----------------|----------------|-----------|---------------------|----------------|----------------|-----------|---------------------|----------------|
|                               | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% |
| <b>BIRTHS</b>                 |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| WITHIN AREA                   | 8              | 100.0     | 28                  | 100.0          | 7              | 87.5      | 26                  | 92.9           | 0              | 0.0       | 1                   | 3.6            |
| TO RESIDENTS                  | 83             | 100.0     | 263                 | 100.0          | 57             | 68.7      | 201                 | 76.4           | 23             | 27.7      | 54                  | 20.5           |
| <b>FACILITY</b>               |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| HOSPITAL                      | 71             | 85.5      | 220                 | 83.7           | 46             | 80.7      | 159                 | 79.1           | 23             | 100.0     | 54                  | 100.0          |
| BIRTHING CENTER               | 3              | 3.6       | 11                  | 4.2            | 3              | 5.3       | 11                  | 5.5            | 0              | 0.0       | 0                   | 0.0            |
| HOME                          | 7              | 8.4       | 21                  | 8.0            | 6              | 10.5      | 20                  | 10.0           | 0              | 0.0       | 0                   | 0.0            |
| OTHER                         | 1              | 1.2       | 7                   | 2.7            | 1              | 1.8       | 7                   | 3.5            | 0              | 0.0       | 0                   | 0.0            |
| OUTSIDE ALASKA                | 1              | 1.2       | 4                   | 1.5            | 1              | 1.8       | 4                   | 2.0            | 0              | 0.0       | 0                   | 0.0            |
| <b>MOTHER CHARACTERISTICS</b> |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <b>AGE GROUP</b>              |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <15                           | 0              | 0.0       | 1                   | 0.4            | 0              | 0.0       | 1                   | 0.5            | 0              | 0.0       | 0                   | 0.0            |
| 15-19                         | 9              | 10.8      | 24                  | 9.1            | 4              | 7.0       | 13                  | 6.5            | 5              | 21.7      | 10                  | 18.5           |
| 20-24                         | 19             | 22.9      | 61                  | 23.2           | 11             | 19.3      | 42                  | 20.9           | 8              | 34.8      | 18                  | 33.3           |
| 25-29                         | 15             | 18.1      | 60                  | 22.8           | 11             | 19.3      | 46                  | 22.9           | 4              | 17.4      | 13                  | 24.1           |
| 30-34                         | 18             | 21.7      | 52                  | 19.8           | 16             | 28.1      | 44                  | 21.9           | 1              | 4.3       | 6                   | 11.1           |
| 35-39                         | 12             | 14.5      | 40                  | 15.2           | 9              | 15.8      | 34                  | 16.9           | 3              | 13.0      | 5                   | 9.3            |
| 40-44                         | 9              | 10.8      | 23                  | 8.7            | 5              | 8.8       | 19                  | 9.5            | 2              | 8.7       | 2                   | 3.7            |
| 45+                           | 1              | 1.2       | 2                   | 0.8            | 1              | 1.8       | 2                   | 1.0            | 0              | 0.0       | 0                   | 0.0            |
| REPORTED DRINKING             | 0              | 0.0       | 3                   | 1.1            | 0              | 0.0       | 1                   | 0.5            | 0              | 0.0       | 2                   | 3.7            |
| REPORTED SMOKING              | 16             | 19.3      | 49                  | 18.7           | 9              | 15.8      | 30                  | 15.0           | 7              | 30.4      | 19                  | 35.2           |
| UNWED                         | 30             | 36.1      | 78                  | 29.8           | 10             | 17.5      | 30                  | 15.0           | 20             | 87.0      | 46                  | 85.2           |
| <b>EDUCATION</b>              |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <12 YEARS                     | 14             | 17.7      | 39                  | 15.5           | 8              | 15.1      | 29                  | 15.0           | 6              | 26.1      | 10                  | 19.2           |
| 12 YEARS                      | 34             | 43.0      | 121                 | 48.2           | 21             | 39.6      | 89                  | 46.1           | 13             | 56.5      | 31                  | 59.6           |
| 12+ YEARS                     | 31             | 39.2      | 91                  | 36.3           | 24             | 45.3      | 75                  | 38.9           | 4              | 17.4      | 11                  | 21.2           |
| <b>PRENATAL CARE</b>          |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <b>TRIMESTER CARE BEGAN</b>   |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| 1ST TRIMESTER                 | 42             | 54.5      | 129                 | 52.7           | 26             | 50.0      | 95                  | 51.6           | 14             | 60.9      | 28                  | 51.9           |
| 3RD TRIMESTER                 | 11             | 14.3      | 39                  | 15.9           | 9              | 17.3      | 31                  | 16.8           | 2              | 8.7       | 8                   | 14.8           |
| NO PRENATAL CARE              | 1              | 1.3       | 3                   | 1.2            | 1              | 1.9       | 3                   | 1.6            | 0              | 0.0       | 0                   | 0.0            |
| <b>APNCU INDEX</b>            |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| ADEQUATE+                     | 6              | 7.8       | 16                  | 6.5            | 4              | 7.7       | 13                  | 7.0            | 2              | 8.7       | 2                   | 3.8            |
| ADEQUATE                      | 16             | 20.8      | 52                  | 21.2           | 13             | 25.0      | 40                  | 21.6           | 3              | 13.0      | 10                  | 18.9           |
| INTERMEDIATE                  | 20             | 26.0      | 56                  | 22.9           | 8              | 15.4      | 37                  | 20.0           | 10             | 43.5      | 16                  | 30.2           |
| INADEQUATE                    | 35             | 45.5      | 121                 | 49.4           | 27             | 51.9      | 95                  | 51.4           | 8              | 34.8      | 25                  | 47.2           |
| <b>KESSNER INDEX</b>          |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| ADEQUATE                      | 19             | 24.7      | 61                  | 24.9           | 14             | 26.9      | 45                  | 24.3           | 5              | 21.7      | 13                  | 24.5           |
| INTERMEDIATE                  | 46             | 59.7      | 142                 | 58.0           | 28             | 53.8      | 106                 | 57.3           | 16             | 69.6      | 32                  | 60.4           |
| INADEQUATE                    | 12             | 15.6      | 42                  | 17.1           | 10             | 19.2      | 34                  | 18.4           | 2              | 8.7       | 8                   | 15.1           |
| <b>C-SECTION BIRTHS</b>       | 17             | 20.7      | 51                  | 19.6           | 11             | 19.6      | 33                  | 16.7           | 4              | 17.4      | 15                  | 27.8           |
| <b>PRE-TERM BIRTHS</b>        | 10             | 12.2      | 30                  | 11.5           | 7              | 12.3      | 23                  | 11.4           | 3              | 13.0      | 6                   | 11.1           |
| <b>LOW BIRTHWEIGHT</b>        | 4              | 4.9       | 14                  | 5.3            | 3              | 5.3       | 11                  | 5.5            | 1              | 4.3       | 3                   | 5.6            |

Note: Unknown responses are excluded from the denominator when calculating percentages.

(1) Birth rate per 1,000 population. Population estimates by race by census area are only available for 2003. Therefore, three year rates are unavailable.

(2) Population estimates by census area for 15-17 and 18-19 are not available for 2003. Therefore, rates for these age groups are unavailable.

(3) Fertility rate per 1,000 female population ages 15-44. Population estimates by race by census area are only available for 2003. Therefore, three year rates are unavailable.

\* Rates based on fewer than 10 occurrences are statistically unreliable and should be used with caution.

\*\* Data suppressed for confidentiality concerns if total births to residents, by race, is less than five observations.

**TABLE 2** **SELECTED BIRTH STATISTICS REPORTED BY MOTHER'S RACE:**  
**2003 AND 2001-2003**  
**VALDEZ-CORDOVA CENSUS AREA**

|                            | TOTAL       |            |                  |                 | WHITE       |            |                  |                 | NATIVE      |            |                  |                 |
|----------------------------|-------------|------------|------------------|-----------------|-------------|------------|------------------|-----------------|-------------|------------|------------------|-----------------|
|                            | 2003 NUMBER | 2003 RATE* | 2001-2003 NUMBER | 2001-2003 RATE* | 2003 NUMBER | 2003 RATE* | 2001-2003 NUMBER | 2001-2003 RATE* | 2003 NUMBER | 2003 RATE* | 2001-2003 NUMBER | 2001-2003 RATE* |
| <b>BIRTH RATES (1)</b>     |             |            |                  |                 |             |            |                  |                 |             |            |                  |                 |
| CRUDE BIRTH RATE           | 113         | 11.0       | 401              | 13.1            | 85          | 10.8       | 282              |                 | 20          | 11.8       | 85               |                 |
| <b>TEEN BIRTH RATE (2)</b> |             |            |                  |                 |             |            |                  |                 |             |            |                  |                 |
| 15-17                      | 1           |            | 5                |                 | 0           |            | 2                |                 | 1           |            | 3                |                 |
| 18-19                      | 7           |            | 29               |                 | 6           |            | 15               |                 | 1           |            | 12               |                 |
| 15-19                      | 8           | 18.3 *     | 34               | 27.4            | 6           | 19.0 *     | 17               |                 | 2           | 20.0 *     | 15               |                 |
| FERTILITY RATE (3)         | 113         | 55.8       | 401              | 64.9            | 85          | 55.5       | 282              |                 | 20          | 54.9       | 85               |                 |

|                               | TOTAL       |        |                  |             | WHITE       |        |                  |             | NATIVE      |        |                  |             |
|-------------------------------|-------------|--------|------------------|-------------|-------------|--------|------------------|-------------|-------------|--------|------------------|-------------|
|                               | 2003 NUMBER | 2003 % | 2001-2003 NUMBER | 2001-2003 % | 2003 NUMBER | 2003 % | 2001-2003 NUMBER | 2001-2003 % | 2003 NUMBER | 2003 % | 2001-2003 NUMBER | 2001-2003 % |
| <b>BIRTHS</b>                 |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| WITHIN AREA                   | 36          | 100.0  | 134              | 100.0       | 29          | 80.6   | 111              | 82.8        | 3           | 8.3    | 12               | 9.0         |
| TO RESIDENTS                  | 113         | 100.0  | 401              | 100.0       | 85          | 75.2   | 282              | 70.3        | 20          | 17.7   | 85               | 21.2        |
| <b>FACILITY</b>               |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| HOSPITAL                      | 100         | 88.5   | 360              | 89.8        | 72          | 84.7   | 245              | 86.9        | 20          | 100.0  | 84               | 98.8        |
| BIRTHING CENTER               | 6           | 5.3    | 18               | 4.5         | 6           | 7.1    | 18               | 6.4         | 0           | 0.0    | 0                | 0.0         |
| HOME                          | 4           | 3.5    | 12               | 3.0         | 4           | 4.7    | 11               | 3.9         | 0           | 0.0    | 0                | 0.0         |
| OTHER                         | 0           | 0.0    | 1                | 0.2         | 0           | 0.0    | 0                | 0.0         | 0           | 0.0    | 1                | 1.2         |
| OUTSIDE ALASKA                | 3           | 2.7    | 10               | 2.5         | 3           | 3.5    | 8                | 2.8         | 0           | 0.0    | 0                | 0.0         |
| <b>MOTHER CHARACTERISTICS</b> |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| <b>AGE GROUP</b>              |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| <15                           | 0           | 0.0    | 1                | 0.2         | 0           | 0.0    | 1                | 0.4         | 0           | 0.0    | 0                | 0.0         |
| 15-19                         | 8           | 7.1    | 34               | 8.5         | 6           | 7.1    | 17               | 6.0         | 2           | 10.0   | 15               | 17.6        |
| 20-24                         | 28          | 24.8   | 101              | 25.2        | 18          | 21.2   | 67               | 23.8        | 8           | 40.0   | 27               | 31.8        |
| 25-29                         | 32          | 28.3   | 108              | 26.9        | 23          | 27.1   | 76               | 27.0        | 6           | 30.0   | 21               | 24.7        |
| 30-34                         | 25          | 22.1   | 88               | 21.9        | 22          | 25.9   | 67               | 23.8        | 2           | 10.0   | 13               | 15.3        |
| 35-39                         | 14          | 12.4   | 51               | 12.7        | 12          | 14.1   | 40               | 14.2        | 2           | 10.0   | 8                | 9.4         |
| 40-44                         | 6           | 5.3    | 17               | 4.2         | 4           | 4.7    | 13               | 4.6         | 0           | 0.0    | 1                | 1.2         |
| 45+                           | 0           | 0.0    | 1                | 0.2         | 0           | 0.0    | 1                | 0.4         | 0           | 0.0    | 0                | 0.0         |
| REPORTED DRINKING             | 4           | 3.6    | 14               | 3.5         | 3           | 3.6    | 8                | 2.9         | 1           | 5.0    | 6                | 7.1         |
| REPORTED SMOKING              | 15          | 13.4   | 57               | 14.4        | 11          | 13.1   | 32               | 11.4        | 3           | 15.0   | 22               | 26.2        |
| UNWED                         | 29          | 25.9   | 117              | 29.5        | 16          | 19.0   | 61               | 21.7        | 12          | 60.0   | 48               | 56.5        |
| <b>EDUCATION</b>              |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| <12 YEARS                     | 11          | 10.1   | 43               | 11.3        | 7           | 8.4    | 22               | 8.1         | 4           | 20.0   | 19               | 22.9        |
| 12 YEARS                      | 37          | 33.9   | 145              | 38.0        | 23          | 27.7   | 90               | 33.2        | 12          | 60.0   | 45               | 54.2        |
| 12+ YEARS                     | 61          | 56.0   | 194              | 50.8        | 53          | 63.9   | 159              | 58.7        | 4           | 20.0   | 19               | 22.9        |
| <b>PRENATAL CARE</b>          |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| <b>TRIMESTER CARE BEGAN</b>   |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| 1ST TRIMESTER                 | 94          | 87.0   | 310              | 81.6        | 73          | 88.0   | 233              | 84.7        | 17          | 85.0   | 56               | 71.8        |
| 3RD TRIMESTER                 | 6           | 5.6    | 13               | 3.4         | 5           | 6.0    | 10               | 3.6         | 1           | 5.0    | 3                | 3.8         |
| NO PRENATAL CARE              | 0           | 0.0    | 3                | 0.8         | 0           | 0.0    | 2                | 0.8         | 0           | 0.0    | 1                | 1.3         |
| <b>APNCU INDEX</b>            |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| ADEQUATE+                     | 16          | 16.0   | 72               | 19.6        | 11          | 14.5   | 48               | 18.1        | 4           | 20.0   | 19               | 24.4        |
| ADEQUATE                      | 39          | 39.0   | 143              | 39.0        | 32          | 42.1   | 107              | 40.4        | 7           | 35.0   | 26               | 33.3        |
| INTERMEDIATE                  | 26          | 26.0   | 95               | 25.9        | 18          | 23.7   | 69               | 26.0        | 6           | 30.0   | 20               | 25.6        |
| INADEQUATE                    | 19          | 19.0   | 57               | 15.5        | 15          | 19.7   | 41               | 15.5        | 3           | 15.0   | 13               | 16.7        |
| <b>KESSNER INDEX</b>          |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| ADEQUATE                      | 65          | 65.0   | 236              | 64.1        | 52          | 68.4   | 178              | 66.9        | 12          | 60.0   | 44               | 56.4        |
| INTERMEDIATE                  | 29          | 29.0   | 116              | 31.5        | 19          | 25.0   | 76               | 28.6        | 7           | 35.0   | 30               | 38.5        |
| INADEQUATE                    | 6           | 6.0    | 16               | 4.3         | 5           | 6.6    | 12               | 4.5         | 1           | 5.0    | 4                | 5.1         |
| <b>C-SECTION BIRTHS</b>       | 23          | 20.4   | 73               | 18.3        | 18          | 21.2   | 58               | 20.6        | 3           | 15.0   | 8                | 9.5         |
| <b>PRE-TERM BIRTHS</b>        | 9           | 8.2    | 35               | 8.9         | 7           | 8.4    | 23               | 8.2         | 2           | 10.0   | 10               | 11.8        |
| <b>LOW BIRTHWEIGHT</b>        | 5           | 4.5    | 28               | 7.1         | 5           | 6.0    | 25               | 8.9         | 0           | 0.0    | 2                | 2.4         |

Note: Unknown responses are excluded from the denominator when calculating percentages.

- (1) Birth rate per 1,000 population. Population estimates by race by census area are only available for 2003. Therefore, three year rates are unavailable.
- (2) Population estimates by census area for 15-17 and 18-19 are not available for 2003. Therefore, rates for these age groups are unavailable.
- (3) Fertility rate per 1,000 female population ages 15-44. Population estimates by race by census area are only available for 2003. Therefore, three year rates are unavailable.

\* Rates based on fewer than 10 occurrences are statistically unreliable and should be used with caution.

\*\* Data suppressed for confidentiality concerns if total births to residents, by race, is less than five observations.

**TABLE 2** **SELECTED BIRTH STATISTICS REPORTED BY MOTHER'S RACE:**  
**2003 AND 2001-2003**  
**WADE HAMPTON CENSUS AREA**

|                            | TOTAL          |               |                     |                    | WHITE          |               |                     |                    | NATIVE         |               |                     |                    |
|----------------------------|----------------|---------------|---------------------|--------------------|----------------|---------------|---------------------|--------------------|----------------|---------------|---------------------|--------------------|
|                            | 2003<br>NUMBER | 2003<br>RATE* | 2001-2003<br>NUMBER | 2001-2003<br>RATE* | 2003<br>NUMBER | 2003<br>RATE* | 2001-2003<br>NUMBER | 2001-2003<br>RATE* | 2003<br>NUMBER | 2003<br>RATE* | 2001-2003<br>NUMBER | 2001-2003<br>RATE* |
| <b>BIRTH RATES (1)</b>     |                |               |                     |                    |                |               |                     |                    |                |               |                     |                    |
| CRUDE BIRTH RATE           | 218            | 29.5          | 656                 | 29.9               | 3              | 6.7 *         | 11                  |                    | 214            | 31.1          | 640                 |                    |
| <b>TEEN BIRTH RATE (2)</b> |                |               |                     |                    |                |               |                     |                    |                |               |                     |                    |
| 15-17                      | 15             |               | 46                  |                    | 0              |               | 0                   |                    | 15             |               | 46                  |                    |
| 18-19                      | 20             |               | 80                  |                    | 0              |               | 0                   |                    | 20             |               | 80                  |                    |
| 15-19                      | 35             | 85.8          | 126                 | 107.1              | 0              | 0.0           | 0                   |                    | 35             | 90.0          | 126                 |                    |
| FERTILITY RATE (3)         | 218            | 151.6         | 656                 | 154.1              | 3              | 34.1 *        | 11                  |                    | 214            | 159.2         | 640                 |                    |

|                               | TOTAL          |           |                     |                | WHITE          |           |                     |                | NATIVE         |           |                     |                |
|-------------------------------|----------------|-----------|---------------------|----------------|----------------|-----------|---------------------|----------------|----------------|-----------|---------------------|----------------|
|                               | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% |
| <b>BIRTHS</b>                 |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| WITHIN AREA                   | 3              | 100.0     | 14                  | 100.0          | 0              | 0.0       | 0                   | 0.0            | 3              | 100.0     | 14                  | 100.0          |
| TO RESIDENTS                  | 218            | 100.0     | 656                 | 100.0          | 3              | 1.4       | 11                  | 1.7            | 214            | 98.2      | 640                 | 97.6           |
| <b>FACILITY</b>               |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| HOSPITAL                      | 217            | 99.5      | 650                 | 99.1           | 2              | 66.7      | 8                   | 72.7           | 214            | 100.0     | 637                 | 99.5           |
| BIRTHING CENTER               | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            |
| HOME                          | 0              | 0.0       | 1                   | 0.2            | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 1                   | 0.2            |
| OTHER                         | 0              | 0.0       | 2                   | 0.3            | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 2                   | 0.3            |
| OUTSIDE ALASKA                | 1              | 0.5       | 3                   | 0.5            | 1              | 33.3      | 3                   | 27.3           | 0              | 0.0       | 0                   | 0.0            |
| <b>MOTHER CHARACTERISTICS</b> |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <b>AGE GROUP</b>              |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <15                           | 0              | 0.0       | 0                   | 0.0            | **             | **        | 0                   | 0.0            | **             | **        | 0                   | 0.0            |
| 15-19                         | 35             | 16.1      | 126                 | 19.2           | **             | **        | 0                   | 0.0            | **             | **        | 126                 | 19.7           |
| 20-24                         | 61             | 28.1      | 163                 | 24.9           | **             | **        | 1                   | 10.0           | **             | **        | 161                 | 25.2           |
| 25-29                         | 54             | 24.9      | 175                 | 26.7           | **             | **        | 4                   | 40.0           | **             | **        | 169                 | 26.4           |
| 30-34                         | 34             | 15.7      | 104                 | 15.9           | **             | **        | 4                   | 40.0           | **             | **        | 99                  | 15.5           |
| 35-39                         | 28             | 12.9      | 66                  | 10.1           | **             | **        | 1                   | 10.0           | **             | **        | 65                  | 10.2           |
| 40-44                         | 5              | 2.3       | 21                  | 3.2            | **             | **        | 0                   | 0.0            | **             | **        | 20                  | 3.1            |
| 45+                           | 0              | 0.0       | 0                   | 0.0            | **             | **        | 0                   | 0.0            | **             | **        | 0                   | 0.0            |
| REPORTED DRINKING             | 9              | 4.1       | 41                  | 6.3            | **             | **        | 0                   | 0.0            | **             | **        | 41                  | 6.5            |
| REPORTED SMOKING              | 56             | 25.8      | 168                 | 25.8           | **             | **        | 0                   | 0.0            | **             | **        | 167                 | 26.3           |
| UNWED                         | 135            | 61.9      | 409                 | 62.5           | **             | **        | 0                   | 0.0            | **             | **        | 407                 | 63.7           |
| <b>EDUCATION</b>              |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <12 YEARS                     | 63             | 29.6      | 194                 | 30.5           | **             | **        | 0                   | 0.0            | **             | **        | 193                 | 31.0           |
| 12 YEARS                      | 125            | 58.7      | 375                 | 58.9           | **             | **        | 2                   | 18.2           | **             | **        | 372                 | 59.7           |
| 12+ YEARS                     | 25             | 11.7      | 68                  | 10.7           | **             | **        | 9                   | 81.8           | **             | **        | 58                  | 9.3            |
| <b>PRENATAL CARE</b>          |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <b>TRIMESTER CARE BEGAN</b>   |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| 1ST TRIMESTER                 | 120            | 57.7      | 353                 | 55.8           | **             | **        | 9                   | 81.8           | **             | **        | 341                 | 55.3           |
| 3RD TRIMESTER                 | 21             | 10.1      | 71                  | 11.2           | **             | **        | 0                   | 0.0            | **             | **        | 71                  | 11.5           |
| NO PRENATAL CARE              | 1              | 0.5       | 4                   | 0.6            | **             | **        | 0                   | 0.0            | **             | **        | 4                   | 0.6            |
| <b>APNCU INDEX</b>            |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| ADEQUATE+                     | 10             | 4.9       | 29                  | 4.6            | **             | **        | 1                   | 9.1            | **             | **        | 28                  | 4.6            |
| ADEQUATE                      | 27             | 13.1      | 73                  | 11.6           | **             | **        | 6                   | 54.5           | **             | **        | 67                  | 10.9           |
| INTERMEDIATE                  | 73             | 35.4      | 205                 | 32.6           | **             | **        | 1                   | 9.1            | **             | **        | 202                 | 33.0           |
| INADEQUATE                    | 96             | 46.6      | 321                 | 51.1           | **             | **        | 3                   | 27.3           | **             | **        | 316                 | 51.5           |
| <b>KESSNER INDEX</b>          |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| ADEQUATE                      | 30             | 14.5      | 84                  | 13.3           | **             | **        | 5                   | 45.5           | **             | **        | 79                  | 12.8           |
| INTERMEDIATE                  | 155            | 74.9      | 472                 | 74.8           | **             | **        | 6                   | 54.5           | **             | **        | 462                 | 75.0           |
| INADEQUATE                    | 22             | 10.6      | 75                  | 11.9           | **             | **        | 0                   | 0.0            | **             | **        | 75                  | 12.2           |
| <b>C-SECTION BIRTHS</b>       | 19             | 8.7       | 49                  | 7.5            | **             | **        | 2                   | 20.0           | **             | **        | 46                  | 7.2            |
| <b>PRE-TERM BIRTHS</b>        | 36             | 16.5      | 103                 | 15.7           | **             | **        | 2                   | 18.2           | **             | **        | 101                 | 15.8           |
| <b>LOW BIRTHWEIGHT</b>        | 21             | 9.7       | 55                  | 8.4            | **             | **        | 0                   | 0.0            | **             | **        | 55                  | 8.6            |

Note: Unknown responses are excluded from the denominator when calculating percentages.

(1) Birth rate per 1,000 population. Population estimates by race by census area are only available for 2003. Therefore, three year rates are unavailable.

(2) Population estimates by census area for 15-17 and 18-19 are not available for 2003. Therefore, rates for these age groups are unavailable.

(3) Fertility rate per 1,000 female population ages 15-44. Population estimates by race by census area are only available for 2003. Therefore, three year rates are unavailable.

\* Rates based on fewer than 10 occurrences are statistically unreliable and should be used with caution.

\*\* Data suppressed for confidentiality concerns if total births to residents, by race, is less than five observations.

**TABLE 2** **SELECTED BIRTH STATISTICS REPORTED BY MOTHER'S RACE:**  
**2003 AND 2001-2003**  
**WRANGELL-PETERSBURG CENSUS AREA**

|                            | TOTAL       |            |                  |                 | WHITE       |            |                  |                 | NATIVE      |            |                  |                 |
|----------------------------|-------------|------------|------------------|-----------------|-------------|------------|------------------|-----------------|-------------|------------|------------------|-----------------|
|                            | 2003 NUMBER | 2003 RATE* | 2001-2003 NUMBER | 2001-2003 RATE* | 2003 NUMBER | 2003 RATE* | 2001-2003 NUMBER | 2001-2003 RATE* | 2003 NUMBER | 2003 RATE* | 2001-2003 NUMBER | 2001-2003 RATE* |
| <b>BIRTH RATES (1)</b>     |             |            |                  |                 |             |            |                  |                 |             |            |                  |                 |
| CRUDE BIRTH RATE           | 67          | 10.6       | 207              | 10.7            | 52          | 10.7       | 149              |                 | 12          | 9.8        |                  | 46              |
| <b>TEEN BIRTH RATE (2)</b> |             |            |                  |                 |             |            |                  |                 |             |            |                  |                 |
| 15-17                      | 3           |            | 5                |                 | 1           |            | 1                |                 | 2           |            |                  | 4               |
| 18-19                      | 3           |            | 10               |                 | 1           |            | 5                |                 | 2           |            |                  | 5               |
| 15-19                      | 6           | 23.3 *     | 15               | 19.0            | 2           | 11.0 *     | 6                |                 | 4           | 60.6 *     |                  | 9               |
| FERTILITY RATE (3)         | 67          | 57.1       | 207              | 56.7            | 52          | 61.2       | 149              |                 | 12          | 45.6       |                  | 46              |

|                               | TOTAL       |        |                  |             | WHITE       |        |                  |             | NATIVE      |        |                  |             |
|-------------------------------|-------------|--------|------------------|-------------|-------------|--------|------------------|-------------|-------------|--------|------------------|-------------|
|                               | 2003 NUMBER | 2003 % | 2001-2003 NUMBER | 2001-2003 % | 2003 NUMBER | 2003 % | 2001-2003 NUMBER | 2001-2003 % | 2003 NUMBER | 2003 % | 2001-2003 NUMBER | 2001-2003 % |
| <b>BIRTHS</b>                 |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| WITHIN AREA                   | 29          | 100.0  | 94               | 100.0       | 24          | 82.8   | 71               | 75.5        | 3           | 10.3   | 17               | 18.1        |
| TO RESIDENTS                  | 67          | 100.0  | 207              | 100.0       | 52          | 77.6   | 149              | 72.0        | 12          | 17.9   | 46               | 22.2        |
| <b>FACILITY</b>               |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| HOSPITAL                      | 61          | 91.0   | 191              | 92.3        | 47          | 90.4   | 135              | 90.6        | 12          | 100.0  | 45               | 97.8        |
| BIRTHING CENTER               | 0           | 0.0    | 0                | 0.0         | 0           | 0.0    | 0                | 0.0         | 0           | 0.0    | 0                | 0.0         |
| HOME                          | 0           | 0.0    | 0                | 0.0         | 0           | 0.0    | 0                | 0.0         | 0           | 0.0    | 0                | 0.0         |
| OTHER                         | 0           | 0.0    | 0                | 0.0         | 0           | 0.0    | 0                | 0.0         | 0           | 0.0    | 0                | 0.0         |
| OUTSIDE ALASKA                | 6           | 9.0    | 16               | 7.7         | 5           | 9.6    | 14               | 9.4         | 0           | 0.0    | 1                | 2.2         |
| <b>MOTHER CHARACTERISTICS</b> |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| <b>AGE GROUP</b>              |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| <15                           | 0           | 0.0    | 0                | 0.0         | 0           | 0.0    | 0                | 0.0         | 0           | 0.0    | 0                | 0.0         |
| 15-19                         | 6           | 9.0    | 15               | 7.2         | 2           | 3.8    | 6                | 4.0         | 4           | 33.3   | 9                | 19.6        |
| 20-24                         | 16          | 23.9   | 45               | 21.7        | 12          | 23.1   | 31               | 20.8        | 4           | 33.3   | 11               | 23.9        |
| 25-29                         | 24          | 35.8   | 78               | 37.7        | 18          | 34.6   | 59               | 39.6        | 4           | 33.3   | 14               | 30.4        |
| 30-34                         | 12          | 17.9   | 43               | 20.8        | 11          | 21.2   | 34               | 22.8        | 0           | 0.0    | 6                | 13.0        |
| 35-39                         | 5           | 7.5    | 18               | 8.7         | 5           | 9.6    | 12               | 8.1         | 0           | 0.0    | 6                | 13.0        |
| 40-44                         | 4           | 6.0    | 8                | 3.9         | 4           | 7.7    | 7                | 4.7         | 0           | 0.0    | 0                | 0.0         |
| 45+                           | 0           | 0.0    | 0                | 0.0         | 0           | 0.0    | 0                | 0.0         | 0           | 0.0    | 0                | 0.0         |
| REPORTED DRINKING             | 0           | 0.0    | 4                | 2.1         | 0           | 0.0    | 3                | 2.2         | 0           | 0.0    | 1                | 2.3         |
| REPORTED SMOKING              | 8           | 11.9   | 26               | 12.7        | 6           | 11.5   | 19               | 12.8        | 2           | 16.7   | 7                | 15.9        |
| UNWED                         | 19          | 28.4   | 57               | 27.5        | 9           | 17.3   | 29               | 19.5        | 9           | 75.0   | 25               | 54.3        |
| <b>EDUCATION</b>              |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| <12 YEARS                     | 7           | 10.6   | 18               | 8.9         | 2           | 3.9    | 8                | 5.5         | 5           | 41.7   | 8                | 17.4        |
| 12 YEARS                      | 27          | 40.9   | 84               | 41.4        | 21          | 41.2   | 58               | 39.7        | 4           | 33.3   | 23               | 50.0        |
| 12+ YEARS                     | 32          | 48.5   | 101              | 49.8        | 28          | 54.9   | 80               | 54.8        | 3           | 25.0   | 15               | 32.6        |
| <b>PRENATAL CARE</b>          |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| <b>TRIMESTER CARE BEGAN</b>   |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| 1ST TRIMESTER                 | 54          | 83.1   | 164              | 82.4        | 41          | 80.4   | 120              | 82.8        | 10          | 90.9   | 36               | 85.7        |
| 3RD TRIMESTER                 | 2           | 3.1    | 7                | 3.5         | 2           | 3.9    | 6                | 4.1         | 0           | 0.0    | 1                | 2.4         |
| NO PRENATAL CARE              | 0           | 0.0    | 0                | 0.0         | 0           | 0.0    | 0                | 0.0         | 0           | 0.0    | 0                | 0.0         |
| <b>APNCU INDEX</b>            |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| ADEQUATE+                     | 14          | 23.0   | 47               | 24.6        | 10          | 20.8   | 37               | 26.2        | 2           | 20.0   | 7                | 18.4        |
| ADEQUATE                      | 22          | 36.1   | 80               | 41.9        | 17          | 35.4   | 59               | 41.8        | 5           | 50.0   | 18               | 47.4        |
| INTERMEDIATE                  | 15          | 24.6   | 31               | 16.2        | 12          | 25.0   | 22               | 15.6        | 2           | 20.0   | 7                | 18.4        |
| INADEQUATE                    | 10          | 16.4   | 33               | 17.3        | 9           | 18.8   | 23               | 16.3        | 1           | 10.0   | 6                | 15.8        |
| <b>KESSNER INDEX</b>          |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| ADEQUATE                      | 42          | 68.9   | 133              | 69.6        | 31          | 64.6   | 99               | 70.2        | 9           | 90.0   | 28               | 73.7        |
| INTERMEDIATE                  | 17          | 27.9   | 51               | 26.7        | 15          | 31.3   | 36               | 25.5        | 1           | 10.0   | 9                | 23.7        |
| INADEQUATE                    | 2           | 3.3    | 7                | 3.7         | 2           | 4.2    | 6                | 4.3         | 0           | 0.0    | 1                | 2.6         |
| <b>C-SECTION BIRTHS</b>       | 14          | 20.9   | 43               | 21.0        | 11          | 21.2   | 26               | 17.6        | 3           | 25.0   | 13               | 28.9        |
| <b>PRE-TERM BIRTHS</b>        | 7           | 10.4   | 24               | 11.8        | 6           | 11.5   | 15               | 10.2        | 0           | 0.0    | 8                | 17.8        |
| <b>LOW BIRTHWEIGHT</b>        | 1           | 1.5    | 8                | 3.9         | 1           | 1.9    | 6                | 4.1         | 0           | 0.0    | 2                | 4.3         |

Note: Unknown responses are excluded from the denominator when calculating percentages.

- (1) Birth rate per 1,000 population. Population estimates by race by census area are only available for 2003. Therefore, three year rates are unavailable.
- (2) Population estimates by census area for 15-17 and 18-19 are not available for 2003. Therefore, rates for these age groups are unavailable.
- (3) Fertility rate per 1,000 female population ages 15-44. Population estimates by race by census area are only available for 2003. Therefore, three year rates are unavailable.

\* Rates based on fewer than 10 occurrences are statistically unreliable and should be used with caution.

\*\* Data suppressed for confidentiality concerns if total births to residents, by race, is less than five observations.

**TABLE 2 SELECTED BIRTH STATISTICS REPORTED BY MOTHER'S RACE:  
2003 AND 2001-2003  
YAKUTAT BOROUGH**

|                            | TOTAL          |               |                     |                    | WHITE          |               |                     |                    | NATIVE         |               |                     |                    |
|----------------------------|----------------|---------------|---------------------|--------------------|----------------|---------------|---------------------|--------------------|----------------|---------------|---------------------|--------------------|
|                            | 2003<br>NUMBER | 2003<br>RATE* | 2001-2003<br>NUMBER | 2001-2003<br>RATE* | 2003<br>NUMBER | 2003<br>RATE* | 2001-2003<br>NUMBER | 2001-2003<br>RATE* | 2003<br>NUMBER | 2003<br>RATE* | 2001-2003<br>NUMBER | 2001-2003<br>RATE* |
| <b>BIRTH RATES (1)</b>     |                |               |                     |                    |                |               |                     |                    |                |               |                     |                    |
| CRUDE BIRTH RATE           | 7              | 10.1 *        | 23                  | 10.9               | 3              | 8.1 *         | 9                   |                    | 3              | 10.6 *        | 11                  |                    |
| <b>TEEN BIRTH RATE (2)</b> |                |               |                     |                    |                |               |                     |                    |                |               |                     |                    |
| 15-17                      | 1              |               | 1                   |                    | 0              |               | 0                   |                    | 1              |               | 1                   |                    |
| 18-19                      | 0              |               | 0                   |                    | 0              |               | 0                   |                    | 0              |               | 0                   |                    |
| 15-19                      | 1              | 33.3 *        | 1                   | 11.9 *             | 0              | 0.0           | 0                   |                    | 1              | 41.7 *        | 1                   |                    |
| FERTILITY RATE (3)         | 7              | 54.3 *        | 23                  | 57.4               | 3              | 61.2 *        | 9                   |                    | 3              | 46.9 *        | 11                  |                    |

|                               | TOTAL          |           |                     |                | WHITE          |           |                     |                | NATIVE         |           |                     |                |
|-------------------------------|----------------|-----------|---------------------|----------------|----------------|-----------|---------------------|----------------|----------------|-----------|---------------------|----------------|
|                               | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% |
| <b>BIRTHS</b>                 |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| WITHIN AREA                   | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            |
| TO RESIDENTS                  | 7              | 100.0     | 23                  | 100.0          | 3              | 42.9      | 9                   | 39.1           | 3              | 42.9      | 11                  | 47.8           |
| <b>FACILITY</b>               |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| HOSPITAL                      | 6              | 85.7      | 19                  | 82.6           | 2              | 66.7      | 6                   | 66.7           | 3              | 100.0     | 11                  | 100.0          |
| BIRTHING CENTER               | 0              | 0.0       | 1                   | 4.3            | 0              | 0.0       | 1                   | 11.1           | 0              | 0.0       | 0                   | 0.0            |
| HOME                          | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            |
| OTHER                         | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            |
| OUTSIDE ALASKA                | 1              | 14.3      | 3                   | 13.0           | 1              | 33.3      | 2                   | 22.2           | 0              | 0.0       | 0                   | 0.0            |
| <b>MOTHER CHARACTERISTICS</b> |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <b>AGE GROUP</b>              |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <15                           | 0              | 0.0       | 0                   | 0.0            | **             | **        | 0                   | 0.0            | **             | **        | 0                   | 0.0            |
| 15-19                         | 1              | 14.3      | 1                   | 4.3            | **             | **        | 0                   | 0.0            | **             | **        | 1                   | 9.1            |
| 20-24                         | 2              | 28.6      | 8                   | 34.8           | **             | **        | 3                   | 33.3           | **             | **        | 5                   | 45.5           |
| 25-29                         | 0              | 0.0       | 6                   | 26.1           | **             | **        | 3                   | 33.3           | **             | **        | 2                   | 18.2           |
| 30-34                         | 3              | 42.9      | 6                   | 26.1           | **             | **        | 3                   | 33.3           | **             | **        | 1                   | 9.1            |
| 35-39                         | 0              | 0.0       | 1                   | 4.3            | **             | **        | 0                   | 0.0            | **             | **        | 1                   | 9.1            |
| 40-44                         | 1              | 14.3      | 1                   | 4.3            | **             | **        | 0                   | 0.0            | **             | **        | 1                   | 9.1            |
| 45+                           | 0              | 0.0       | 0                   | 0.0            | **             | **        | 0                   | 0.0            | **             | **        | 0                   | 0.0            |
| REPORTED DRINKING             | 0              | 0.0       | 0                   | 0.0            | **             | **        | 0                   | 0.0            | **             | **        | 0                   | 0.0            |
| REPORTED SMOKING              | 1              | 14.3      | 5                   | 22.7           | **             | **        | 1                   | 11.1           | **             | **        | 4                   | 36.4           |
| UNWED                         | 2              | 28.6      | 9                   | 40.9           | **             | **        | 0                   | 0.0            | **             | **        | 8                   | 72.7           |
| <b>EDUCATION</b>              |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <12 YEARS                     | 1              | 14.3      | 1                   | 4.8            | **             | **        | 0                   | 0.0            | **             | **        | 1                   | 9.1            |
| 12 YEARS                      | 1              | 14.3      | 8                   | 38.1           | **             | **        | 3                   | 37.5           | **             | **        | 5                   | 45.5           |
| 12+ YEARS                     | 5              | 71.4      | 12                  | 57.1           | **             | **        | 5                   | 62.5           | **             | **        | 5                   | 45.5           |
| <b>PRENATAL CARE</b>          |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <b>TRIMESTER CARE BEGAN</b>   |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| 1ST TRIMESTER                 | 4              | 66.7      | 12                  | 60.0           | **             | **        | 4                   | 50.0           | **             | **        | 7                   | 70.0           |
| 3RD TRIMESTER                 | 1              | 16.7      | 1                   | 5.0            | **             | **        | 1                   | 12.5           | **             | **        | 0                   | 0.0            |
| NO PRENATAL CARE              | 0              | 0.0       | 0                   | 0.0            | **             | **        | 0                   | 0.0            | **             | **        | 0                   | 0.0            |
| <b>APNCU INDEX</b>            |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| ADEQUATE+                     | 1              | 20.0      | 4                   | 21.1           | **             | **        | 1                   | 12.5           | **             | **        | 3                   | 30.0           |
| ADEQUATE                      | 1              | 20.0      | 5                   | 26.3           | **             | **        | 2                   | 25.0           | **             | **        | 3                   | 30.0           |
| INTERMEDIATE                  | 1              | 20.0      | 2                   | 10.5           | **             | **        | 0                   | 0.0            | **             | **        | 2                   | 20.0           |
| INADEQUATE                    | 2              | 40.0      | 8                   | 42.1           | **             | **        | 5                   | 62.5           | **             | **        | 2                   | 20.0           |
| <b>KESSNER INDEX</b>          |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| ADEQUATE                      | 2              | 40.0      | 8                   | 42.1           | **             | **        | 3                   | 37.5           | **             | **        | 5                   | 50.0           |
| INTERMEDIATE                  | 2              | 40.0      | 10                  | 52.6           | **             | **        | 4                   | 50.0           | **             | **        | 5                   | 50.0           |
| INADEQUATE                    | 1              | 20.0      | 1                   | 5.3            | **             | **        | 1                   | 12.5           | **             | **        | 0                   | 0.0            |
| <b>C-SECTION BIRTHS</b>       | 1              | 14.3      | 3                   | 13.6           | **             | **        | 1                   | 11.1           | **             | **        | 1                   | 9.1            |
| <b>PRE-TERM BIRTHS</b>        | 0              | 0.0       | 0                   | 0.0            | **             | **        | 0                   | 0.0            | **             | **        | 0                   | 0.0            |
| <b>LOW BIRTHWEIGHT</b>        | 0              | 0.0       | 0                   | 0.0            | **             | **        | 0                   | 0.0            | **             | **        | 0                   | 0.0            |

Note: Unknown responses are excluded from the denominator when calculating percentages.

(1) Birth rate per 1,000 population. Population estimates by race by census area are only available for 2003. Therefore, three year rates are unavailable.

(2) Population estimates by census area for 15-17 and 18-19 are not available for 2003. Therefore, rates for these age groups are unavailable.

(3) Fertility rate per 1,000 female population ages 15-44. Population estimates by race by census area are only available for 2003. Therefore, three year rates are unavailable.

\* Rates based on fewer than 10 occurrences are statistically unreliable and should be used with caution.

\*\* Data suppressed for confidentiality concerns if total births to residents, by race, is less than five observations.



**TABLE 2** **SELECTED BIRTH STATISTICS REPORTED BY MOTHER'S RACE:**  
**2003 AND 2001-2003**  
**YUKON-KOYUKUK CENSUS AREA**

|                            | TOTAL       |            |                  |                 | WHITE       |            |                  |                 | NATIVE      |            |                  |                 |
|----------------------------|-------------|------------|------------------|-----------------|-------------|------------|------------------|-----------------|-------------|------------|------------------|-----------------|
|                            | 2003 NUMBER | 2003 RATE* | 2001-2003 NUMBER | 2001-2003 RATE* | 2003 NUMBER | 2003 RATE* | 2001-2003 NUMBER | 2001-2003 RATE* | 2003 NUMBER | 2003 RATE* | 2001-2003 NUMBER | 2001-2003 RATE* |
| <b>BIRTH RATES (1)</b>     |             |            |                  |                 |             |            |                  |                 |             |            |                  |                 |
| CRUDE BIRTH RATE           | 78          | 12.3       | 267              | 13.9            | 14          | 8.4        | 59               |                 | 63          | 13.8       | 202              |                 |
| <b>TEEN BIRTH RATE (2)</b> |             |            |                  |                 |             |            |                  |                 |             |            |                  |                 |
| 15-17                      | 3           |            | 18               |                 | 0           |            | 1                |                 | 2           |            | 16               |                 |
| 18-19                      | 8           |            | 27               |                 | 0           |            | 2                |                 | 8           |            | 24               |                 |
| 15-19                      | 11          | 35.0       | 45               | 49.3            | 0           | 0.0        | 3                |                 | 10          | 41.0       | 40               |                 |
| FERTILITY RATE (3)         | 78          | 64.6       | 267              | 72.0            | 14          | 46.8       | 59               |                 | 63          | 71.2       | 202              |                 |

|                               | TOTAL       |        |                  |             | WHITE       |        |                  |             | NATIVE      |        |                  |             |
|-------------------------------|-------------|--------|------------------|-------------|-------------|--------|------------------|-------------|-------------|--------|------------------|-------------|
|                               | 2003 NUMBER | 2003 % | 2001-2003 NUMBER | 2001-2003 % | 2003 NUMBER | 2003 % | 2001-2003 NUMBER | 2001-2003 % | 2003 NUMBER | 2003 % | 2001-2003 NUMBER | 2001-2003 % |
| <b>BIRTHS</b>                 |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| WITHIN AREA                   | 0           | 0.0    | 3                | 100.0       | 0           | 0.0    | 0                | 0.0         | 0           | 0.0    | 3                | 100.0       |
| TO RESIDENTS                  | 78          | 100.0  | 267              | 100.0       | 14          | 17.9   | 59               | 22.1        | 63          | 80.8   | 202              | 75.7        |
| <b>FACILITY</b>               |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| HOSPITAL                      | 74          | 94.9   | 250              | 93.6        | 11          | 78.6   | 43               | 72.9        | 62          | 98.4   | 201              | 99.5        |
| BIRTHING CENTER               | 4           | 5.1    | 13               | 4.9         | 3           | 21.4   | 12               | 20.3        | 1           | 1.6    | 1                | 0.5         |
| HOME                          | 0           | 0.0    | 0                | 0.0         | 0           | 0.0    | 0                | 0.0         | 0           | 0.0    | 0                | 0.0         |
| OTHER                         | 0           | 0.0    | 0                | 0.0         | 0           | 0.0    | 0                | 0.0         | 0           | 0.0    | 0                | 0.0         |
| OUTSIDE ALASKA                | 0           | 0.0    | 4                | 1.5         | 0           | 0.0    | 4                | 6.8         | 0           | 0.0    | 0                | 0.0         |
| <b>MOTHER CHARACTERISTICS</b> |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| <b>AGE GROUP</b>              |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| <15                           | 0           | 0.0    | 0                | 0.0         | 0           | 0.0    | 0                | 0.0         | 0           | 0.0    | 0                | 0.0         |
| 15-19                         | 11          | 14.1   | 45               | 16.9        | 0           | 0.0    | 3                | 5.1         | 10          | 15.9   | 40               | 19.8        |
| 20-24                         | 26          | 33.3   | 73               | 27.3        | 0           | 0.0    | 6                | 10.2        | 26          | 41.3   | 66               | 32.7        |
| 25-29                         | 20          | 25.6   | 60               | 22.5        | 5           | 35.7   | 18               | 30.5        | 15          | 23.8   | 41               | 20.3        |
| 30-34                         | 11          | 14.1   | 57               | 21.3        | 4           | 28.6   | 21               | 35.6        | 7           | 11.1   | 35               | 17.3        |
| 35-39                         | 8           | 10.3   | 25               | 9.4         | 3           | 21.4   | 6                | 10.2        | 5           | 7.9    | 18               | 8.9         |
| 40-44                         | 2           | 2.6    | 7                | 2.6         | 2           | 14.3   | 5                | 8.5         | 0           | 0.0    | 2                | 1.0         |
| 45+                           | 0           | 0.0    | 0                | 0.0         | 0           | 0.0    | 0                | 0.0         | 0           | 0.0    | 0                | 0.0         |
| REPORTED DRINKING             | 3           | 3.8    | 11               | 4.2         | 0           | 0.0    | 1                | 1.7         | 3           | 4.8    | 10               | 5.0         |
| REPORTED SMOKING              | 30          | 38.5   | 86               | 32.5        | 2           | 14.3   | 8                | 13.8        | 28          | 44.4   | 76               | 37.8        |
| UNWED                         | 53          | 67.9   | 160              | 60.2        | 4           | 28.6   | 14               | 24.1        | 48          | 76.2   | 141              | 69.8        |
| <b>EDUCATION</b>              |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| <12 YEARS                     | 17          | 23.3   | 59               | 24.0        | 2           | 14.3   | 5                | 8.5         | 15          | 25.4   | 54               | 29.2        |
| 12 YEARS                      | 39          | 53.4   | 123              | 50.0        | 2           | 14.3   | 15               | 25.4        | 37          | 62.7   | 106              | 57.3        |
| 12+ YEARS                     | 17          | 23.3   | 64               | 26.0        | 10          | 71.4   | 39               | 66.1        | 7           | 11.9   | 25               | 13.5        |
| <b>PRENATAL CARE</b>          |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| <b>TRIMESTER CARE BEGAN</b>   |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| 1ST TRIMESTER                 | 44          | 57.9   | 147              | 57.6        | 8           | 61.5   | 34               | 60.7        | 36          | 57.1   | 112              | 57.7        |
| 3RD TRIMESTER                 | 9           | 11.8   | 23               | 9.0         | 2           | 15.4   | 3                | 5.4         | 7           | 11.1   | 20               | 10.3        |
| NO PRENATAL CARE              | 0           | 0.0    | 2                | 0.8         | 0           | 0.0    | 1                | 1.8         | 0           | 0.0    | 1                | 0.5         |
| <b>APNCU INDEX</b>            |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| ADEQUATE+                     | 8           | 10.7   | 22               | 8.7         | 4           | 33.3   | 7                | 12.7        | 4           | 6.3    | 15               | 7.7         |
| ADEQUATE                      | 23          | 30.7   | 69               | 27.2        | 6           | 50.0   | 16               | 29.1        | 17          | 27.0   | 51               | 26.3        |
| INTERMEDIATE                  | 18          | 24.0   | 79               | 31.1        | 0           | 0.0    | 19               | 34.5        | 18          | 28.6   | 60               | 30.9        |
| INADEQUATE                    | 26          | 34.7   | 84               | 33.1        | 2           | 16.7   | 13               | 23.6        | 24          | 38.1   | 68               | 35.1        |
| <b>KESSNER INDEX</b>          |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| ADEQUATE                      | 25          | 33.3   | 88               | 34.6        | 6           | 50.0   | 21               | 38.2        | 19          | 30.2   | 66               | 34.0        |
| INTERMEDIATE                  | 41          | 54.7   | 141              | 55.5        | 4           | 33.3   | 30               | 54.5        | 37          | 58.7   | 107              | 55.2        |
| INADEQUATE                    | 9           | 12.0   | 25               | 9.8         | 2           | 16.7   | 4                | 7.3         | 7           | 11.1   | 21               | 10.8        |
| <b>C-SECTION BIRTHS</b>       | 12          | 15.4   | 50               | 18.8        | 4           | 28.6   | 14               | 24.1        | 8           | 12.7   | 33               | 16.3        |
| <b>PRE-TERM BIRTHS</b>        | 6           | 7.7    | 23               | 8.6         | 1           | 7.1    | 3                | 5.1         | 4           | 6.3    | 19               | 9.4         |
| <b>LOW BIRTHWEIGHT</b>        | 4           | 5.1    | 13               | 4.9         | 2           | 14.3   | 2                | 3.4         | 1           | 1.6    | 9                | 4.5         |

Note: Unknown responses are excluded from the denominator when calculating percentages.

- (1) Birth rate per 1,000 population. Population estimates by race by census area are only available for 2003. Therefore, three year rates are unavailable.
- (2) Population estimates by census area for 15-17 and 18-19 are not available for 2003. Therefore, rates for these age groups are unavailable.
- (3) Fertility rate per 1,000 female population ages 15-44. Population estimates by race by census area are only available for 2003. Therefore, three year rates are unavailable.

\* Rates based on fewer than 10 occurrences are statistically unreliable and should be used with caution.

\*\* Data suppressed for confidentiality concerns if total births to residents, by race, is less than five observations.

**TABLE 3 SELECTED BIRTH STATISTICS REPORTED BY MOTHER'S RACE AND NATIVE REGIONAL CORPORATION OF RESIDENCE: 2003 AND 2001-2003 AHTNA INCORPORATED**

|                               | TOTAL          |           |                     |                | WHITE          |           |                     |                | NATIVE         |           |                     |                |
|-------------------------------|----------------|-----------|---------------------|----------------|----------------|-----------|---------------------|----------------|----------------|-----------|---------------------|----------------|
|                               | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% |
| <b>BIRTHS</b>                 |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| WITHIN AREA                   | 3              | 100.0     | 9                   | 100.0          | 3              | 100.0     | 8                   | 88.9           | 0              | 0.0       | 1                   | 11.1           |
| TO RESIDENTS                  | 36             | 100.0     | 140                 | 100.0          | 24             | 66.7      | 84                  | 60.0           | 10             | 27.8      | 45                  | 32.1           |
| <b>FACILITY</b>               |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| HOSPITAL                      | 28             | 77.8      | 113                 | 80.7           | 16             | 66.7      | 60                  | 71.4           | 10             | 100.0     | 44                  | 97.8           |
| BIRTHING CENTER               | 5              | 13.9      | 15                  | 10.7           | 5              | 20.8      | 15                  | 17.9           | 0              | 0.0       | 0                   | 0.0            |
| HOME                          | 2              | 5.6       | 7                   | 5.0            | 2              | 8.3       | 7                   | 8.3            | 0              | 0.0       | 0                   | 0.0            |
| CLINIC                        | 0              | 0.0       | 1                   | 0.7            | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 1                   | 2.2            |
| OUTSIDE ALASKA                | 1              | 2.8       | 4                   | 2.9            | 1              | 4.2       | 2                   | 2.4            | 0              | 0.0       | 0                   | 0.0            |
| <b>MOTHER CHARACTERISTICS</b> |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| AGE GROUP                     |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <15                           | 0              | 0.0       | 1                   | 0.7            | 0              | 0.0       | 1                   | 1.2            | 0              | 0.0       | 0                   | 0.0            |
| 15-19                         | 3              | 8.4       | 16                  | 11.5           | 2              | 8.3       | 7                   | 8.3            | 1              | 10.0      | 8                   | 17.8           |
| 15-17                         | 1              | 2.8       | 4                   | 2.9            | 0              | 0.0       | 1                   | 1.2            | 1              | 10.0      | 3                   | 6.7            |
| 18-19                         | 2              | 5.6       | 12                  | 8.6            | 2              | 8.3       | 6                   | 7.1            | 0              | 0.0       | 5                   | 11.1           |
| 20-24                         | 9              | 25.0      | 39                  | 27.9           | 5              | 20.8      | 19                  | 22.6           | 4              | 40.0      | 18                  | 40.0           |
| 25-29                         | 9              | 25.0      | 31                  | 22.1           | 3              | 12.5      | 17                  | 20.2           | 4              | 40.0      | 10                  | 22.2           |
| 30-34                         | 9              | 25.0      | 28                  | 20.0           | 9              | 37.5      | 20                  | 23.8           | 0              | 0.0       | 4                   | 8.9            |
| 35-39                         | 5              | 13.9      | 17                  | 12.1           | 4              | 16.7      | 13                  | 15.5           | 1              | 10.0      | 4                   | 8.9            |
| 40-44                         | 1              | 2.8       | 8                   | 5.7            | 1              | 4.2       | 7                   | 8.3            | 0              | 0.0       | 1                   | 2.2            |
| 45+                           | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            |
| REPORTED DRINKING             | 2              | 5.6       | 4                   | 2.9            | 1              | 4.2       | 2                   | 2.4            | 1              | 10.0      | 2                   | 4.4            |
| REPORTED SMOKING              | 5              | 13.9      | 18                  | 13.1           | 3              | 12.5      | 8                   | 9.5            | 2              | 20.0      | 10                  | 22.2           |
| UNWED                         | 10             | 27.8      | 50                  | 36.5           | 3              | 12.5      | 21                  | 25.0           | 7              | 70.0      | 29                  | 64.4           |
| EDUCATION                     |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <12 YEARS                     | 7              | 20.6      | 24                  | 18.2           | 3              | 13.0      | 9                   | 11.1           | 4              | 40.0      | 15                  | 34.1           |
| 12 YEARS                      | 10             | 29.4      | 56                  | 42.4           | 5              | 21.7      | 30                  | 37.0           | 5              | 50.0      | 22                  | 50.0           |
| 12+ YEARS                     | 17             | 50.0      | 52                  | 39.4           | 15             | 65.2      | 42                  | 51.9           | 1              | 10.0      | 7                   | 15.9           |
| <b>PRENATAL CARE</b>          |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| TRIMESTER CARE BEGAN          |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| 1ST TRIMESTER                 | 30             | 85.7      | 104                 | 78.8           | 22             | 91.7      | 71                  | 85.5           | 8              | 80.0      | 29                  | 69.0           |
| 3RD TRIMESTER                 | 1              | 2.9       | 2                   | 1.5            | 0              | 0.0       | 1                   | 1.2            | 1              | 10.0      | 1                   | 2.4            |
| NO PRENATAL CARE              | 0              | 0.0       | 2                   | 1.5            | 0              | 0.0       | 1                   | 1.2            | 0              | 0.0       | 1                   | 2.3            |
| APNCU INDEX                   |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| ADEQUATE+                     | 6              | 17.6      | 26                  | 20.0           | 4              | 17.4      | 17                  | 21.0           | 2              | 20.0      | 9                   | 20.9           |
| ADEQUATE                      | 16             | 47.1      | 56                  | 43.1           | 14             | 60.9      | 35                  | 43.2           | 2              | 20.0      | 17                  | 39.5           |
| INTERMEDIATE                  | 8              | 23.5      | 29                  | 22.3           | 3              | 13.0      | 18                  | 22.2           | 4              | 40.0      | 10                  | 23.3           |
| INADEQUATE                    | 4              | 11.8      | 19                  | 14.6           | 2              | 8.7       | 11                  | 13.6           | 2              | 20.0      | 7                   | 16.3           |
| KESSNER INDEX                 |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| ADEQUATE                      | 21             | 61.8      | 82                  | 63.1           | 17             | 73.9      | 56                  | 69.1           | 4              | 40.0      | 22                  | 51.2           |
| INTERMEDIATE                  | 12             | 35.3      | 44                  | 33.8           | 6              | 26.1      | 23                  | 28.4           | 5              | 50.0      | 19                  | 44.2           |
| INADEQUATE                    | 1              | 2.9       | 4                   | 3.1            | 0              | 0.0       | 2                   | 2.5            | 1              | 10.0      | 2                   | 4.7            |
| <b>C-SECTION BIRTHS</b>       | 7              | 19.4      | 22                  | 15.7           | 6              | 25.0      | 19                  | 22.6           | 1              | 10.0      | 1                   | 2.2            |
| <b>PRE-TERM BIRTHS</b>        | 1              | 2.8       | 13                  | 9.3            | 0              | 0.0       | 8                   | 9.5            | 1              | 10.0      | 5                   | 11.1           |
| <b>LOW BIRTHWEIGHT</b>        | 0              | 0.0       | 7                   | 5.0            | 0              | 0.0       | 6                   | 7.1            | 0              | 0.0       | 1                   | 2.2            |

Note: Unknown responses are excluded from the denominator when calculating percentages.

**TABLE 3 SELECTED BIRTH STATISTICS REPORTED BY MOTHER'S RACE AND NATIVE REGIONAL CORPORATION OF RESIDENCE: 2003 AND 2001-2003 ALEUT CORPORATION**

|                               | TOTAL          |           |                     |                | WHITE          |           |                     |                | NATIVE         |           |                     |                |
|-------------------------------|----------------|-----------|---------------------|----------------|----------------|-----------|---------------------|----------------|----------------|-----------|---------------------|----------------|
|                               | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% |
| <b>BIRTHS</b>                 |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| WITHIN AREA                   | 0              | 0.0       | 2                   | 100.0          | 0              | 0.0       | 1                   | 50.0           | 0              | 0.0       | 1                   | 50.0           |
| TO RESIDENTS                  | 42             | 100.0     | 159                 | 100.0          | 17             | 40.5      | 63                  | 39.6           | 20             | 47.6      | 71                  | 44.7           |
| <b>FACILITY</b>               |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| HOSPITAL                      | 29             | 69.0      | 118                 | 74.2           | 8              | 47.1      | 33                  | 52.4           | 20             | 100.0     | 70                  | 98.6           |
| BIRTHING CENTER               | 1              | 2.4       | 3                   | 1.9            | 1              | 5.9       | 3                   | 4.8            | 0              | 0.0       | 0                   | 0.0            |
| HOME                          | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            |
| CLINIC                        | 0              | 0.0       | 2                   | 1.3            | 0              | 0.0       | 1                   | 1.6            | 0              | 0.0       | 1                   | 1.4            |
| OUTSIDE ALASKA                | 12             | 28.6      | 36                  | 22.6           | 8              | 47.1      | 26                  | 41.3           | 0              | 0.0       | 0                   | 0.0            |
| <b>MOTHER CHARACTERISTICS</b> |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <b>AGE GROUP</b>              |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <15                           | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            |
| 15-19                         | 2              | 4.8       | 10                  | 6.3            | 0              | 0.0       | 2                   | 3.2            | 2              | 10.0      | 8                   | 11.3           |
| 15-17                         | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            |
| 18-19                         | 2              | 4.8       | 10                  | 6.3            | 0              | 0.0       | 2                   | 3.2            | 2              | 10.0      | 8                   | 11.3           |
| 20-24                         | 15             | 35.7      | 38                  | 23.9           | 6              | 35.3      | 13                  | 20.6           | 8              | 40.0      | 20                  | 28.2           |
| 25-29                         | 9              | 21.4      | 41                  | 25.8           | 3              | 17.6      | 16                  | 25.4           | 4              | 20.0      | 16                  | 22.5           |
| 30-34                         | 10             | 23.8      | 33                  | 20.8           | 5              | 29.4      | 15                  | 23.8           | 3              | 15.0      | 9                   | 12.7           |
| 35-39                         | 4              | 9.5       | 31                  | 19.5           | 3              | 17.6      | 14                  | 22.2           | 1              | 5.0       | 16                  | 22.5           |
| 40-44                         | 2              | 4.8       | 6                   | 3.8            | 0              | 0.0       | 3                   | 4.8            | 2              | 10.0      | 2                   | 2.8            |
| 45+                           | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            |
| REPORTED DRINKING             | 4              | 12.1      | 8                   | 5.9            | 0              | 0.0       | 2                   | 4.2            | 4              | 20.0      | 6                   | 8.5            |
| REPORTED SMOKING              | 9              | 22.5      | 34                  | 22.5           | 0              | 0.0       | 3                   | 5.0            | 9              | 45.0      | 30                  | 42.3           |
| UNWED                         | 19             | 48.7      | 54                  | 36.2           | 7              | 43.8      | 13                  | 22.4           | 11             | 55.0      | 32                  | 45.1           |
| <b>EDUCATION</b>              |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <12 YEARS                     | 6              | 15.4      | 18                  | 11.8           | 1              | 6.7       | 4                   | 6.7            | 3              | 15.0      | 10                  | 14.1           |
| 12 YEARS                      | 27             | 69.2      | 87                  | 57.2           | 11             | 73.3      | 31                  | 51.7           | 15             | 75.0      | 50                  | 70.4           |
| 12+ YEARS                     | 6              | 15.4      | 47                  | 30.9           | 3              | 20.0      | 25                  | 41.7           | 2              | 10.0      | 11                  | 15.5           |
| <b>PRENATAL CARE</b>          |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <b>TRIMESTER CARE BEGAN</b>   |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| 1ST TRIMESTER                 | 33             | 82.5      | 122                 | 81.9           | 12             | 80.0      | 44                  | 77.2           | 18             | 90.0      | 63                  | 91.3           |
| 3RD TRIMESTER                 | 2              | 5.0       | 8                   | 5.4            | 2              | 13.3      | 5                   | 8.8            | 0              | 0.0       | 2                   | 2.9            |
| NO PRENATAL CARE              | 0              | 0.0       | 2                   | 1.4            | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 2                   | 2.9            |
| <b>APNCU INDEX</b>            |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| ADEQUATE+                     | 17             | 43.6      | 53                  | 36.3           | 2              | 14.3      | 9                   | 16.7           | 15             | 75.0      | 42                  | 60.0           |
| ADEQUATE                      | 11             | 28.2      | 53                  | 36.3           | 6              | 42.9      | 24                  | 44.4           | 4              | 20.0      | 21                  | 30.0           |
| INTERMEDIATE                  | 6              | 15.4      | 20                  | 13.7           | 4              | 28.6      | 10                  | 18.5           | 0              | 0.0       | 1                   | 1.4            |
| INADEQUATE                    | 5              | 12.8      | 20                  | 13.7           | 2              | 14.3      | 11                  | 20.4           | 1              | 5.0       | 6                   | 8.6            |
| <b>KESSNER INDEX</b>          |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| ADEQUATE                      | 30             | 76.9      | 108                 | 74.0           | 10             | 71.4      | 37                  | 68.5           | 18             | 90.0      | 62                  | 88.6           |
| INTERMEDIATE                  | 7              | 17.9      | 28                  | 19.2           | 2              | 14.3      | 12                  | 22.2           | 2              | 10.0      | 4                   | 5.7            |
| INADEQUATE                    | 2              | 5.1       | 10                  | 6.8            | 2              | 14.3      | 5                   | 9.3            | 0              | 0.0       | 4                   | 5.7            |
| <b>C-SECTION BIRTHS</b>       | 4              | 9.5       | 31                  | 19.5           | 3              | 17.6      | 18                  | 28.6           | 0              | 0.0       | 8                   | 11.3           |
| <b>PRE-TERM BIRTHS</b>        | 3              | 7.1       | 13                  | 8.2            | 0              | 0.0       | 3                   | 4.8            | 3              | 15.0      | 8                   | 11.3           |
| <b>LOW BIRTHWEIGHT</b>        | 1              | 2.4       | 6                   | 3.8            | 0              | 0.0       | 1                   | 1.6            | 1              | 5.0       | 3                   | 4.2            |

Note: Unknown responses are excluded from the denominator when calculating percentages.

**TABLE 3 SELECTED BIRTH STATISTICS REPORTED BY MOTHER'S RACE AND NATIVE REGIONAL CORPORATION OF RESIDENCE: 2003 AND 2001-2003 ARCTIC SLOPE REGIONAL CORPORATION**

|                               | TOTAL          |           |                     |                | WHITE          |           |                     |                | NATIVE         |           |                     |                |
|-------------------------------|----------------|-----------|---------------------|----------------|----------------|-----------|---------------------|----------------|----------------|-----------|---------------------|----------------|
|                               | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% |
| <b>BIRTHS</b>                 |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| WITHIN AREA                   | 34             | 100.0     | 97                  | 100.0          | 1              | 2.9       | 3                   | 3.1            | 32             | 94.1      | 86                  | 88.7           |
| TO RESIDENTS                  | 162            | 100.0     | 490                 | 100.0          | 10             | 6.2       | 36                  | 7.3            | 143            | 88.3      | 423                 | 86.3           |
| <b>FACILITY</b>               |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| HOSPITAL                      | 156            | 96.3      | 477                 | 97.3           | 7              | 70.0      | 29                  | 80.6           | 141            | 98.6      | 420                 | 99.3           |
| BIRTHING CENTER               | 1              | 0.6       | 1                   | 0.2            | 0              | 0.0       | 0                   | 0.0            | 1              | 0.7       | 1                   | 0.2            |
| HOME                          | 1              | 0.6       | 1                   | 0.2            | 0              | 0.0       | 0                   | 0.0            | 1              | 0.7       | 1                   | 0.2            |
| CLINIC                        | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            |
| OUTSIDE ALASKA                | 4              | 2.5       | 11                  | 2.2            | 3              | 30.0      | 7                   | 19.4           | 0              | 0.0       | 1                   | 0.2            |
| <b>MOTHER CHARACTERISTICS</b> |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <b>AGE GROUP</b>              |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <15                           | 0              | 0.0       | 1                   | 0.2            | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 1                   | 0.2            |
| 15-19                         | 33             | 20.6      | 98                  | 20.1           | 1              | 12.5      | 3                   | 9.1            | 31             | 21.7      | 92                  | 21.7           |
| 15-17                         | 12             | 7.5       | 34                  | 7.0            | 0              | 0.0       | 0                   | 0.0            | 12             | 8.4       | 33                  | 7.8            |
| 18-19                         | 21             | 13.1      | 64                  | 13.1           | 1              | 12.5      | 3                   | 9.1            | 19             | 13.3      | 59                  | 13.9           |
| 20-24                         | 49             | 30.6      | 154                 | 31.6           | 3              | 37.5      | 11                  | 33.3           | 45             | 31.5      | 139                 | 32.9           |
| 25-29                         | 42             | 26.3      | 107                 | 22.0           | 1              | 12.5      | 9                   | 27.3           | 37             | 25.9      | 90                  | 21.3           |
| 30-34                         | 21             | 13.1      | 71                  | 14.6           | 2              | 25.0      | 8                   | 24.2           | 17             | 11.9      | 54                  | 12.8           |
| 35-39                         | 13             | 8.1       | 48                  | 9.9            | 1              | 12.5      | 2                   | 6.1            | 11             | 7.7       | 40                  | 9.5            |
| 40-44                         | 2              | 1.3       | 7                   | 1.4            | 0              | 0.0       | 0                   | 0.0            | 2              | 1.4       | 6                   | 1.4            |
| 45+                           | 0              | 0.0       | 1                   | 0.2            | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 1                   | 0.2            |
| REPORTED DRINKING             | 8              | 5.0       | 25                  | 5.2            | 1              | 11.1      | 1                   | 2.9            | 7              | 4.9       | 24                  | 5.7            |
| REPORTED SMOKING              | 72             | 45.0      | 218                 | 44.9           | 0              | 0.0       | 2                   | 5.7            | 72             | 50.7      | 216                 | 51.3           |
| UNWED                         | 99             | 61.1      | 289                 | 59.2           | 1              | 10.0      | 4                   | 11.1           | 96             | 67.1      | 275                 | 65.0           |
| <b>EDUCATION</b>              |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <12 YEARS                     | 43             | 26.7      | 128                 | 26.9           | 0              | 0.0       | 0                   | 0.0            | 43             | 30.3      | 125                 | 30.5           |
| 12 YEARS                      | 90             | 55.9      | 262                 | 55.2           | 5              | 50.0      | 16                  | 45.7           | 81             | 57.0      | 234                 | 57.1           |
| 12+ YEARS                     | 28             | 17.4      | 85                  | 17.9           | 5              | 50.0      | 19                  | 54.3           | 18             | 12.7      | 51                  | 12.4           |
| <b>PRENATAL CARE</b>          |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <b>TRIMESTER CARE BEGAN</b>   |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| 1ST TRIMESTER                 | 99             | 63.5      | 324                 | 68.8           | 7              | 70.0      | 25                  | 71.4           | 87             | 62.6      | 277                 | 67.9           |
| 3RD TRIMESTER                 | 22             | 14.1      | 50                  | 10.6           | 2              | 20.0      | 4                   | 11.4           | 19             | 13.7      | 43                  | 10.5           |
| NO PRENATAL CARE              | 0              | 0.0       | 3                   | 0.6            | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 3                   | 0.7            |
| <b>APNCU INDEX</b>            |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| ADEQUATE+                     | 11             | 7.1       | 53                  | 11.3           | 2              | 20.0      | 5                   | 14.3           | 9              | 6.5       | 45                  | 11.1           |
| ADEQUATE                      | 35             | 22.6      | 120                 | 25.6           | 3              | 30.0      | 13                  | 37.1           | 29             | 20.9      | 96                  | 23.6           |
| INTERMEDIATE                  | 45             | 29.0      | 140                 | 29.9           | 3              | 30.0      | 9                   | 25.7           | 41             | 29.5      | 126                 | 31.0           |
| INADEQUATE                    | 64             | 41.3      | 155                 | 33.1           | 2              | 20.0      | 8                   | 22.9           | 60             | 43.2      | 140                 | 34.4           |
| <b>KESSNER INDEX</b>          |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| ADEQUATE                      | 45             | 29.0      | 174                 | 37.0           | 5              | 50.0      | 19                  | 54.3           | 36             | 25.9      | 138                 | 33.8           |
| INTERMEDIATE                  | 88             | 56.8      | 243                 | 51.7           | 3              | 30.0      | 12                  | 34.3           | 84             | 60.4      | 224                 | 54.9           |
| INADEQUATE                    | 22             | 14.2      | 53                  | 11.3           | 2              | 20.0      | 4                   | 11.4           | 19             | 13.7      | 46                  | 11.3           |
| <b>C-SECTION BIRTHS</b>       | 14             | 8.6       | 50                  | 10.2           | 3              | 30.0      | 7                   | 19.4           | 8              | 5.6       | 35                  | 8.3            |
| <b>PRE-TERM BIRTHS</b>        | 19             | 11.7      | 63                  | 12.9           | 1              | 10.0      | 3                   | 8.3            | 18             | 12.6      | 59                  | 13.9           |
| <b>LOW BIRTHWEIGHT</b>        | 6              | 3.7       | 28                  | 5.7            | 0              | 0.0       | 1                   | 2.8            | 6              | 4.2       | 25                  | 5.9            |

Note: Unknown responses are excluded from the denominator when calculating percentages.

**TABLE 3 SELECTED BIRTH STATISTICS REPORTED BY MOTHER'S RACE AND NATIVE REGIONAL CORPORATION OF RESIDENCE: 2003 AND 2001-2003  
BERING STRAITS NATIVE CORPORATION**

|                               | TOTAL          |           |                     |                | WHITE          |           |                     |                | NATIVE         |           |                     |                |
|-------------------------------|----------------|-----------|---------------------|----------------|----------------|-----------|---------------------|----------------|----------------|-----------|---------------------|----------------|
|                               | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% |
| <b>BIRTHS</b>                 |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| WITHIN AREA                   | 107            | 100.0     | 325                 | 100.0          | 6              | 5.6       | 13                  | 4.0            | 100            | 93.5      | 308                 | 94.8           |
| TO RESIDENTS                  | 195            | 100.0     | 641                 | 100.0          | 22             | 11.3      | 72                  | 11.2           | 171            | 87.7      | 563                 | 87.8           |
| <b>FACILITY</b>               |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| HOSPITAL                      | 192            | 98.5      | 629                 | 98.1           | 20             | 90.9      | 64                  | 88.9           | 170            | 99.4      | 560                 | 99.5           |
| BIRTHING CENTER               | 0              | 0.0       | 1                   | 0.2            | 0              | 0.0       | 1                   | 1.4            | 0              | 0.0       | 0                   | 0.0            |
| HOME                          | 0              | 0.0       | 1                   | 0.2            | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            |
| CLINIC                        | 1              | 0.5       | 3                   | 0.5            | 0              | 0.0       | 0                   | 0.0            | 1              | 0.6       | 3                   | 0.5            |
| OUTSIDE ALASKA                | 2              | 1.0       | 7                   | 1.1            | 2              | 9.1       | 7                   | 9.7            | 0              | 0.0       | 0                   | 0.0            |
| <b>MOTHER CHARACTERISTICS</b> |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <b>AGE GROUP</b>              |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <15                           | 2              | 1.0       | 7                   | 1.1            | 0              | 0.0       | 0                   | 0.0            | 2              | 1.2       | 7                   | 1.2            |
| 15-19                         | 34             | 17.4      | 108                 | 16.8           | 0              | 0.0       | 1                   | 1.4            | 34             | 19.8      | 107                 | 19.0           |
| 15-17                         | 10             | 5.1       | 47                  | 7.3            | 0              | 0.0       | 0                   | 0.0            | 10             | 5.8       | 47                  | 8.3            |
| 18-19                         | 24             | 12.3      | 61                  | 9.5            | 0              | 0.0       | 1                   | 1.4            | 24             | 14.0      | 60                  | 10.7           |
| 20-24                         | 47             | 24.1      | 180                 | 28.1           | 5              | 22.7      | 19                  | 26.4           | 42             | 24.6      | 160                 | 28.4           |
| 25-29                         | 53             | 27.2      | 169                 | 26.4           | 3              | 13.6      | 13                  | 18.1           | 50             | 29.2      | 154                 | 27.4           |
| 30-34                         | 36             | 18.5      | 103                 | 16.1           | 7              | 31.8      | 24                  | 33.3           | 28             | 16.4      | 78                  | 13.9           |
| 35-39                         | 19             | 9.7       | 60                  | 9.4            | 7              | 31.8      | 15                  | 20.8           | 11             | 6.4       | 43                  | 7.6            |
| 40-44                         | 4              | 2.1       | 14                  | 2.2            | 0              | 0.0       | 0                   | 0.0            | 4              | 2.3       | 14                  | 2.5            |
| 45+                           | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            |
| REPORTED DRINKING             | 18             | 9.3       | 58                  | 9.3            | 0              | 0.0       | 1                   | 1.5            | 18             | 10.5      | 57                  | 10.3           |
| REPORTED SMOKING              | 103            | 53.1      | 321                 | 50.9           | 3              | 14.3      | 9                   | 12.9           | 100            | 58.5      | 312                 | 56.1           |
| UNWED                         | 124            | 63.6      | 411                 | 64.2           | 3              | 13.6      | 10                  | 14.1           | 121            | 70.8      | 401                 | 71.2           |
| <b>EDUCATION</b>              |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <12 YEARS                     | 54             | 28.0      | 167                 | 26.9           | 1              | 4.8       | 4                   | 5.8            | 52             | 30.6      | 162                 | 29.6           |
| 12 YEARS                      | 111            | 57.5      | 361                 | 58.1           | 7              | 33.3      | 20                  | 29.0           | 104            | 61.2      | 341                 | 62.2           |
| 12+ YEARS                     | 28             | 14.5      | 93                  | 15.0           | 13             | 61.9      | 45                  | 65.2           | 14             | 8.2       | 45                  | 8.2            |
| <b>PRENATAL CARE</b>          |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <b>TRIMESTER CARE BEGAN</b>   |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| 1ST TRIMESTER                 | 142            | 73.6      | 477                 | 77.6           | 19             | 86.4      | 62                  | 89.9           | 121            | 71.6      | 410                 | 75.8           |
| 3RD TRIMESTER                 | 10             | 5.2       | 25                  | 4.1            | 1              | 4.5       | 2                   | 2.9            | 9              | 5.3       | 23                  | 4.3            |
| NO PRENATAL CARE              | 1              | 0.5       | 8                   | 1.3            | 0              | 0.0       | 0                   | 0.0            | 1              | 0.6       | 8                   | 1.5            |
| <b>APNCU INDEX</b>            |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| ADEQUATE+                     | 44             | 22.8      | 141                 | 22.8           | 5              | 23.8      | 18                  | 26.5           | 38             | 22.4      | 122                 | 22.3           |
| ADEQUATE                      | 60             | 31.1      | 205                 | 33.1           | 9              | 42.9      | 28                  | 41.2           | 51             | 30.0      | 174                 | 31.9           |
| INTERMEDIATE                  | 45             | 23.3      | 155                 | 25.0           | 5              | 23.8      | 16                  | 23.5           | 40             | 23.5      | 139                 | 25.5           |
| INADEQUATE                    | 44             | 22.8      | 118                 | 19.1           | 2              | 9.5       | 6                   | 8.8            | 41             | 24.1      | 111                 | 20.3           |
| <b>KESSNER INDEX</b>          |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| ADEQUATE                      | 113            | 58.5      | 359                 | 58.0           | 18             | 85.7      | 53                  | 77.9           | 94             | 55.3      | 302                 | 55.3           |
| INTERMEDIATE                  | 69             | 35.8      | 227                 | 36.7           | 2              | 9.5       | 13                  | 19.1           | 66             | 38.8      | 213                 | 39.0           |
| INADEQUATE                    | 11             | 5.7       | 33                  | 5.3            | 1              | 4.8       | 2                   | 2.9            | 10             | 5.9       | 31                  | 5.7            |
| <b>C-SECTION BIRTHS</b>       | 17             | 8.7       | 48                  | 7.5            | 7              | 31.8      | 16                  | 22.2           | 10             | 5.8       | 32                  | 5.7            |
| <b>PRE-TERM BIRTHS</b>        | 27             | 13.8      | 83                  | 12.9           | 2              | 9.1       | 5                   | 6.9            | 25             | 14.6      | 78                  | 13.9           |
| <b>LOW BIRTHWEIGHT</b>        | 13             | 6.7       | 39                  | 6.1            | 2              | 9.1       | 5                   | 6.9            | 11             | 6.4       | 34                  | 6.0            |

Note: Unknown responses are excluded from the denominator when calculating percentages.

**TABLE 3 SELECTED BIRTH STATISTICS REPORTED BY MOTHER'S RACE AND NATIVE REGIONAL CORPORATION OF RESIDENCE: 2003 AND 2001-2003 BRISTOL BAY NATIVE CORPORATION**

|                               | TOTAL          |           |                     |                | WHITE          |           |                     |                | NATIVE         |           |                     |                |
|-------------------------------|----------------|-----------|---------------------|----------------|----------------|-----------|---------------------|----------------|----------------|-----------|---------------------|----------------|
|                               | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% |
| <b>BIRTHS</b>                 |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| WITHIN AREA                   | 48             | 100.0     | 155                 | 100.0          | 3              | 6.3       | 10                  | 6.5            | 45             | 93.8      | 143                 | 92.3           |
| TO RESIDENTS                  | 108            | 100.0     | 367                 | 100.0          | 17             | 15.7      | 82                  | 22.3           | 90             | 83.3      | 279                 | 76.0           |
| <b>FACILITY</b>               |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| HOSPITAL                      | 104            | 96.3      | 347                 | 94.6           | 13             | 76.5      | 67                  | 81.7           | 90             | 100.0     | 275                 | 98.6           |
| BIRTHING CENTER               | 0              | 0.0       | 1                   | 0.3            | 0              | 0.0       | 1                   | 1.2            | 0              | 0.0       | 0                   | 0.0            |
| HOME                          | 2              | 1.9       | 5                   | 1.4            | 2              | 11.8      | 3                   | 3.7            | 0              | 0.0       | 2                   | 0.7            |
| CLINIC                        | 0              | 0.0       | 3                   | 0.8            | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 2                   | 0.7            |
| OUTSIDE ALASKA                | 2              | 1.9       | 11                  | 3.0            | 2              | 11.8      | 11                  | 13.4           | 0              | 0.0       | 0                   | 0.0            |
| <b>MOTHER CHARACTERISTICS</b> |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <b>AGE GROUP</b>              |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <15                           | 0              | 0.0       | 1                   | 0.3            | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 1                   | 0.4            |
| 15-19                         | 16             | 14.8      | 52                  | 14.1           | 1              | 5.9       | 3                   | 3.6            | 15             | 16.6      | 49                  | 17.6           |
| 15-17                         | 4              | 3.7       | 21                  | 5.7            | 1              | 5.9       | 1                   | 1.2            | 3              | 3.3       | 20                  | 7.2            |
| 18-19                         | 12             | 11.1      | 31                  | 8.4            | 0              | 0.0       | 2                   | 2.4            | 12             | 13.3      | 29                  | 10.4           |
| 20-24                         | 32             | 29.6      | 106                 | 28.9           | 5              | 29.4      | 16                  | 19.5           | 27             | 30.0      | 88                  | 31.5           |
| 25-29                         | 27             | 25.0      | 97                  | 26.4           | 4              | 23.5      | 24                  | 29.3           | 23             | 25.6      | 72                  | 25.8           |
| 30-34                         | 15             | 13.9      | 64                  | 17.4           | 3              | 17.6      | 24                  | 29.3           | 11             | 12.2      | 38                  | 13.6           |
| 35-39                         | 14             | 13.0      | 37                  | 10.1           | 3              | 17.6      | 9                   | 11.0           | 11             | 12.2      | 27                  | 9.7            |
| 40-44                         | 4              | 3.7       | 9                   | 2.5            | 1              | 5.9       | 6                   | 7.3            | 3              | 3.3       | 3                   | 1.1            |
| 45+                           | 0              | 0.0       | 1                   | 0.3            | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 1                   | 0.4            |
| REPORTED DRINKING             | 5              | 4.6       | 22                  | 6.0            | 0              | 0.0       | 7                   | 8.8            | 5              | 5.6       | 15                  | 5.4            |
| REPORTED SMOKING              | 40             | 37.0      | 151                 | 41.1           | 2              | 11.8      | 13                  | 15.9           | 38             | 42.2      | 137                 | 49.1           |
| UNWED                         | 64             | 59.3      | 189                 | 51.6           | 5              | 29.4      | 21                  | 25.9           | 59             | 65.6      | 166                 | 59.5           |
| <b>EDUCATION</b>              |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <12 YEARS                     | 17             | 16.0      | 64                  | 17.7           | 2              | 13.3      | 4                   | 5.1            | 15             | 16.7      | 59                  | 21.3           |
| 12 YEARS                      | 58             | 54.7      | 195                 | 53.9           | 3              | 20.0      | 25                  | 31.6           | 55             | 61.1      | 169                 | 61.0           |
| 12+ YEARS                     | 31             | 29.2      | 103                 | 28.5           | 10             | 66.7      | 50                  | 63.3           | 20             | 22.2      | 49                  | 17.7           |
| <b>PRENATAL CARE</b>          |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <b>TRIMESTER CARE BEGAN</b>   |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| 1ST TRIMESTER                 | 83             | 77.6      | 271                 | 74.5           | 15             | 93.8      | 69                  | 85.2           | 67             | 74.4      | 196                 | 70.8           |
| 3RD TRIMESTER                 | 4              | 3.7       | 31                  | 8.5            | 1              | 6.3       | 6                   | 7.4            | 3              | 3.3       | 25                  | 9.0            |
| NO PRENATAL CARE              | 0              | 0.0       | 2                   | 0.6            | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 2                   | 0.7            |
| <b>APNCU INDEX</b>            |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| ADEQUATE+                     | 25             | 23.4      | 83                  | 23.1           | 4              | 25.0      | 16                  | 20.8           | 21             | 23.3      | 65                  | 23.5           |
| ADEQUATE                      | 23             | 21.5      | 90                  | 25.0           | 5              | 31.3      | 29                  | 37.7           | 17             | 18.9      | 59                  | 21.3           |
| INTERMEDIATE                  | 33             | 30.8      | 89                  | 24.7           | 6              | 37.5      | 19                  | 24.7           | 27             | 30.0      | 68                  | 24.5           |
| INADEQUATE                    | 26             | 24.3      | 98                  | 27.2           | 1              | 6.3       | 13                  | 16.9           | 25             | 27.8      | 85                  | 30.7           |
| <b>KESSNER INDEX</b>          |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| ADEQUATE                      | 55             | 51.4      | 188                 | 52.1           | 11             | 68.8      | 50                  | 64.9           | 43             | 47.8      | 133                 | 47.8           |
| INTERMEDIATE                  | 48             | 44.9      | 140                 | 38.8           | 4              | 25.0      | 21                  | 27.3           | 44             | 48.9      | 118                 | 42.4           |
| INADEQUATE                    | 4              | 3.7       | 33                  | 9.1            | 1              | 6.3       | 6                   | 7.8            | 3              | 3.3       | 27                  | 9.7            |
| <b>C-SECTION BIRTHS</b>       | 6              | 5.6       | 40                  | 10.9           | 3              | 17.6      | 25                  | 30.5           | 3              | 3.3       | 15                  | 5.4            |
| <b>PRE-TERM BIRTHS</b>        | 13             | 12.0      | 49                  | 13.4           | 2              | 11.8      | 8                   | 9.8            | 11             | 12.2      | 40                  | 14.3           |
| <b>LOW BIRTHWEIGHT</b>        | 6              | 5.6       | 19                  | 5.2            | 1              | 5.9       | 3                   | 3.7            | 5              | 5.6       | 16                  | 5.7            |

Note: Unknown responses are excluded from the denominator when calculating percentages.

**TABLE 3 SELECTED BIRTH STATISTICS REPORTED BY MOTHER'S RACE AND NATIVE REGIONAL CORPORATION OF RESIDENCE: 2003 AND 2001-2003  
CALISTA CORPORATION**

|                               | TOTAL          |           |                     |                | WHITE          |           |                     |                | NATIVE         |           |                     |                |
|-------------------------------|----------------|-----------|---------------------|----------------|----------------|-----------|---------------------|----------------|----------------|-----------|---------------------|----------------|
|                               | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% |
| <b>BIRTHS</b>                 |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| WITHIN AREA                   | 376            | 100.0     | 1,134               | 100.0          | 7              | 1.9       | 27                  | 2.4            | 367            | 97.6      | 1,096               | 96.6           |
| TO RESIDENTS                  | 637            | 100.0     | 1,930               | 100.0          | 31             | 4.9       | 99                  | 5.1            | 601            | 94.3      | 1,815               | 94.0           |
| <b>FACILITY</b>               |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| HOSPITAL                      | 628            | 98.6      | 1,908               | 98.9           | 27             | 87.1      | 87                  | 87.9           | 596            | 99.2      | 1,805               | 99.4           |
| BIRTHING CENTER               | 1              | 0.2       | 3                   | 0.2            | 1              | 3.2       | 3                   | 3.0            | 0              | 0.0       | 0                   | 0.0            |
| HOME                          | 3              | 0.5       | 5                   | 0.3            | 1              | 3.2       | 2                   | 2.0            | 2              | 0.3       | 3                   | 0.2            |
| CLINIC                        | 2              | 0.3       | 6                   | 0.3            | 0              | 0.0       | 0                   | 0.0            | 2              | 0.3       | 6                   | 0.3            |
| OUTSIDE ALASKA                | 3              | 0.5       | 8                   | 0.4            | 2              | 6.5       | 7                   | 7.1            | 1              | 0.2       | 1                   | 0.1            |
| <b>MOTHER CHARACTERISTICS</b> |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <b>AGE GROUP</b>              |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <15                           | 1              | 0.2       | 4                   | 0.2            | 0              | 0.0       | 0                   | 0.0            | 1              | 0.2       | 4                   | 0.2            |
| 15-19                         | 93             | 14.6      | 300                 | 15.5           | 0              | 0.0       | 1                   | 1.0            | 93             | 15.5      | 298                 | 16.4           |
| 15-17                         | 38             | 6.0       | 105                 | 5.4            | 0              | 0.0       | 1                   | 1.0            | 38             | 6.3       | 103                 | 5.7            |
| 18-19                         | 55             | 8.6       | 195                 | 10.1           | 0              | 0.0       | 0                   | 0.0            | 55             | 9.2       | 195                 | 10.7           |
| 20-24                         | 190            | 29.9      | 561                 | 29.1           | 6              | 20.0      | 18                  | 18.4           | 182            | 30.3      | 538                 | 29.6           |
| 25-29                         | 154            | 24.2      | 492                 | 25.5           | 8              | 26.7      | 28                  | 28.6           | 145            | 24.1      | 460                 | 25.3           |
| 30-34                         | 106            | 16.7      | 316                 | 16.4           | 8              | 26.7      | 28                  | 28.6           | 96             | 16.0      | 284                 | 15.6           |
| 35-39                         | 74             | 11.6      | 195                 | 10.1           | 6              | 20.0      | 16                  | 16.3           | 68             | 11.3      | 178                 | 9.8            |
| 40-44                         | 16             | 2.5       | 59                  | 3.1            | 2              | 6.7       | 7                   | 7.1            | 14             | 2.3       | 51                  | 2.8            |
| 45+                           | 2              | 0.3       | 2                   | 0.1            | 0              | 0.0       | 0                   | 0.0            | 2              | 0.3       | 2                   | 0.1            |
| REPORTED DRINKING             | 24             | 3.8       | 97                  | 5.1            | 0              | 0.0       | 2                   | 2.1            | 24             | 4.0       | 95                  | 5.3            |
| REPORTED SMOKING              | 121            | 19.1      | 370                 | 19.3           | 3              | 9.7       | 8                   | 8.2            | 118            | 19.7      | 361                 | 20.0           |
| UNWED                         | 342            | 53.7      | 1,002               | 52.0           | 3              | 9.7       | 11                  | 11.2           | 336            | 55.9      | 984                 | 54.3           |
| <b>EDUCATION</b>              |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <12 YEARS                     | 158            | 25.3      | 460                 | 24.6           | 0              | 0.0       | 2                   | 2.2            | 157            | 26.7      | 457                 | 25.9           |
| 12 YEARS                      | 379            | 60.7      | 1,166               | 62.5           | 5              | 16.1      | 20                  | 21.5           | 373            | 63.4      | 1,142               | 64.8           |
| 12+ YEARS                     | 87             | 13.9      | 241                 | 12.9           | 26             | 83.9      | 71                  | 76.3           | 58             | 9.9       | 164                 | 9.3            |
| <b>PRENATAL CARE</b>          |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <b>TRIMESTER CARE BEGAN</b>   |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| 1ST TRIMESTER                 | 355            | 58.6      | 1,105               | 59.3           | 28             | 90.3      | 73                  | 77.7           | 323            | 56.7      | 1,020               | 58.2           |
| 3RD TRIMESTER                 | 56             | 9.2       | 179                 | 9.6            | 0              | 0.0       | 6                   | 6.4            | 56             | 9.8       | 173                 | 9.9            |
| NO PRENATAL CARE              | 3              | 0.5       | 12                  | 0.6            | 0              | 0.0       | 1                   | 1.1            | 3              | 0.5       | 11                  | 0.6            |
| <b>APNCU INDEX</b>            |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| ADEQUATE+                     | 64             | 10.7      | 168                 | 9.1            | 7              | 25.0      | 18                  | 20.0           | 56             | 9.9       | 149                 | 8.6            |
| ADEQUATE                      | 112            | 18.8      | 329                 | 17.9           | 13             | 46.4      | 36                  | 40.0           | 98             | 17.3      | 290                 | 16.7           |
| INTERMEDIATE                  | 166            | 27.8      | 535                 | 29.0           | 5              | 17.9      | 16                  | 17.8           | 159            | 28.1      | 513                 | 29.5           |
| INADEQUATE                    | 255            | 42.7      | 811                 | 44.0           | 3              | 10.7      | 20                  | 22.2           | 252            | 44.6      | 788                 | 45.3           |
| <b>KESSNER INDEX</b>          |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| ADEQUATE                      | 162            | 26.9      | 474                 | 25.6           | 24             | 85.7      | 61                  | 67.8           | 135            | 23.7      | 407                 | 23.3           |
| INTERMEDIATE                  | 381            | 63.3      | 1,188               | 64.1           | 4              | 14.3      | 22                  | 24.4           | 376            | 66.0      | 1,159               | 66.2           |
| INADEQUATE                    | 59             | 9.8       | 191                 | 10.3           | 0              | 0.0       | 7                   | 7.8            | 59             | 10.4      | 184                 | 10.5           |
| <b>C-SECTION BIRTHS</b>       | 63             | 9.9       | 173                 | 9.0            | 6              | 19.4      | 22                  | 22.2           | 55             | 9.2       | 146                 | 8.0            |
| <b>PRE-TERM BIRTHS</b>        | 116            | 18.2      | 317                 | 16.4           | 4              | 12.9      | 7                   | 7.1            | 112            | 18.6      | 308                 | 17.0           |
| <b>LOW BIRTHWEIGHT</b>        | 48             | 7.5       | 131                 | 6.8            | 1              | 3.2       | 1                   | 1.0            | 47             | 7.8       | 129                 | 7.1            |

Note: Unknown responses are excluded from the denominator when calculating percentages.

**TABLE 3 SELECTED BIRTH STATISTICS REPORTED BY MOTHER'S RACE AND NATIVE REGIONAL CORPORATION OF RESIDENCE: 2003 AND 2001-2003 CHUGACH ALASKA CORPORATION**

|                               | TOTAL       |        |                  |             | WHITE       |        |                  |             | NATIVE      |        |                  |             |
|-------------------------------|-------------|--------|------------------|-------------|-------------|--------|------------------|-------------|-------------|--------|------------------|-------------|
|                               | 2003 NUMBER | 2003 % | 2001-2003 NUMBER | 2001-2003 % | 2003 NUMBER | 2003 % | 2001-2003 NUMBER | 2001-2003 % | 2003 NUMBER | 2003 % | 2001-2003 NUMBER | 2001-2003 % |
| <b>BIRTHS</b>                 |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| WITHIN AREA                   | 35          | 100.0  | 128              | 100.0       | 28          | 80.0   | 106              | 82.8        | 3           | 8.6    | 11               | 8.6         |
| TO RESIDENTS                  | 129         | 100.0  | 416              | 100.0       | 101         | 78.3   | 307              | 73.8        | 21          | 16.3   | 79               | 19.0        |
| <b>FACILITY</b>               |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| HOSPITAL                      | 122         | 94.6   | 395              | 95.0        | 94          | 93.1   | 287              | 93.5        | 21          | 100.0  | 79               | 100.0       |
| BIRTHING CENTER               | 3           | 2.3    | 9                | 2.2         | 3           | 3.0    | 9                | 2.9         | 0           | 0.0    | 0                | 0.0         |
| HOME                          | 2           | 1.6    | 6                | 1.4         | 2           | 2.0    | 5                | 1.6         | 0           | 0.0    | 0                | 0.0         |
| CLINIC                        | 0           | 0.0    | 0                | 0.0         | 0           | 0.0    | 0                | 0.0         | 0           | 0.0    | 0                | 0.0         |
| OUTSIDE ALASKA                | 2           | 1.6    | 6                | 1.4         | 2           | 2.0    | 6                | 2.0         | 0           | 0.0    | 0                | 0.0         |
| <b>MOTHER CHARACTERISTICS</b> |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| <b>AGE GROUP</b>              |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| <15                           | 0           | 0.0    | 0                | 0.0         | 0           | 0.0    | 0                | 0.0         | 0           | 0.0    | 0                | 0.0         |
| 15-19                         | 10          | 7.8    | 30               | 7.2         | 8           | 7.9    | 17               | 5.6         | 2           | 9.5    | 12               | 15.2        |
| 15-17                         | 0           | 0.0    | 3                | 0.7         | 0           | 0.0    | 2                | 0.7         | 0           | 0.0    | 1                | 1.3         |
| 18-19                         | 10          | 7.8    | 27               | 6.5         | 8           | 7.9    | 15               | 4.9         | 2           | 9.5    | 11               | 13.9        |
| 20-24                         | 29          | 22.5   | 98               | 23.6        | 20          | 19.8   | 74               | 24.1        | 7           | 33.3   | 18               | 22.8        |
| 25-29                         | 35          | 27.1   | 119              | 28.6        | 29          | 28.7   | 85               | 27.7        | 4           | 19.0   | 24               | 30.4        |
| 30-34                         | 29          | 22.5   | 95               | 22.8        | 22          | 21.8   | 71               | 23.1        | 6           | 28.6   | 19               | 24.1        |
| 35-39                         | 17          | 13.2   | 53               | 12.7        | 15          | 14.9   | 43               | 14.0        | 2           | 9.5    | 6                | 7.6         |
| 40-44                         | 9           | 7.0    | 20               | 4.8         | 7           | 6.9    | 16               | 5.2         | 0           | 0.0    | 0                | 0.0         |
| 45+                           | 0           | 0.0    | 1                | 0.2         | 0           | 0.0    | 1                | 0.3         | 0           | 0.0    | 0                | 0.0         |
| REPORTED DRINKING             | 5           | 3.9    | 13               | 3.1         | 2           | 2.0    | 6                | 2.0         | 3           | 14.3   | 7                | 8.9         |
| REPORTED SMOKING              | 21          | 16.4   | 68               | 16.5        | 13          | 13.0   | 36               | 11.8        | 7           | 33.3   | 28               | 35.9        |
| UNWED                         | 36          | 28.1   | 116              | 28.0        | 24          | 24.0   | 69               | 22.5        | 11          | 52.4   | 38               | 48.1        |
| <b>EDUCATION</b>              |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| <12 YEARS                     | 12          | 9.4    | 39               | 9.7         | 9           | 9.0    | 26               | 8.7         | 3           | 14.3   | 11               | 14.1        |
| 12 YEARS                      | 48          | 37.8   | 153              | 37.9        | 34          | 34.0   | 98               | 32.9        | 12          | 57.1   | 47               | 60.3        |
| 12+ YEARS                     | 67          | 52.8   | 212              | 52.5        | 57          | 57.0   | 174              | 58.4        | 6           | 28.6   | 20               | 25.6        |
| <b>PRENATAL CARE</b>          |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| <b>TRIMESTER CARE BEGAN</b>   |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| 1ST TRIMESTER                 | 106         | 86.2   | 328              | 82.2        | 85          | 86.7   | 253              | 84.6        | 17          | 85.0   | 54               | 74.0        |
| 3RD TRIMESTER                 | 6           | 4.9    | 16               | 4.0         | 6           | 6.1    | 11               | 3.7         | 0           | 0.0    | 4                | 5.5         |
| NO PRENATAL CARE              | 0           | 0.0    | 1                | 0.3         | 0           | 0.0    | 1                | 0.4         | 0           | 0.0    | 0                | 0.0         |
| <b>APNCU INDEX</b>            |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| ADEQUATE+                     | 23          | 20.7   | 82               | 21.9        | 16          | 18.4   | 56               | 20.1        | 6           | 30.0   | 20               | 28.2        |
| ADEQUATE                      | 46          | 41.4   | 147              | 39.3        | 39          | 44.8   | 120              | 43.0        | 7           | 35.0   | 19               | 26.8        |
| INTERMEDIATE                  | 23          | 20.7   | 89               | 23.8        | 18          | 20.7   | 66               | 23.7        | 3           | 15.0   | 17               | 23.9        |
| INADEQUATE                    | 19          | 17.1   | 56               | 15.0        | 14          | 16.1   | 37               | 13.3        | 4           | 20.0   | 15               | 21.1        |
| <b>KESSNER INDEX</b>          |             |        |                  |             |             |        |                  |             |             |        |                  |             |
| ADEQUATE                      | 79          | 70.5   | 250              | 66.5        | 64          | 72.7   | 195              | 69.4        | 14          | 70.0   | 42               | 59.2        |
| INTERMEDIATE                  | 27          | 24.1   | 109              | 29.0        | 18          | 20.5   | 74               | 26.3        | 6           | 30.0   | 25               | 35.2        |
| INADEQUATE                    | 6           | 5.4    | 17               | 4.5         | 6           | 6.8    | 12               | 4.3         | 0           | 0.0    | 4                | 5.6         |
| <b>C-SECTION BIRTHS</b>       | 26          | 20.2   | 85               | 20.4        | 21          | 20.8   | 64               | 20.8        | 3           | 14.3   | 15               | 19.0        |
| <b>PRE-TERM BIRTHS</b>        | 12          | 9.3    | 38               | 9.1         | 11          | 10.9   | 27               | 8.8         | 1           | 4.8    | 7                | 8.9         |
| <b>LOW BIRTHWEIGHT</b>        | 6           | 4.7    | 30               | 7.2         | 6           | 5.9    | 25               | 8.1         | 0           | 0.0    | 2                | 2.5         |

Note: Unknown responses are excluded from the denominator when calculating percentages.



**TABLE 3 SELECTED BIRTH STATISTICS REPORTED BY MOTHER'S RACE AND NATIVE REGIONAL CORPORATION OF RESIDENCE: 2003 AND 2001-2003  
COOK INLET REGION INCORPORATED**

|                               | TOTAL          |           |                     |                | WHITE          |           |                     |                | NATIVE         |           |                     |                |
|-------------------------------|----------------|-----------|---------------------|----------------|----------------|-----------|---------------------|----------------|----------------|-----------|---------------------|----------------|
|                               | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% |
| <b>BIRTHS</b>                 |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| WITHIN AREA                   | 6,593          | 100.0     | 19,508              | 100.0          | 4,307          | 65.3      | 12,800              | 65.6           | 1,387          | 21.0      | 4,059               | 20.8           |
| TO RESIDENTS                  | 5,782          | 100.0     | 16,939              | 100.0          | 4,127          | 71.4      | 12,231              | 72.2           | 787            | 13.6      | 2,161               | 12.8           |
| <b>FACILITY</b>               |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| HOSPITAL                      | 5,478          | 94.7      | 16,073              | 94.9           | 3,849          | 93.3      | 11,443              | 93.6           | 780            | 99.1      | 2,141               | 99.1           |
| BIRTHING CENTER               | 164            | 2.8       | 493                 | 2.9            | 158            | 3.8       | 465                 | 3.8            | 1              | 0.1       | 10                  | 0.5            |
| HOME                          | 111            | 1.9       | 285                 | 1.7            | 96             | 2.3       | 254                 | 2.1            | 4              | 0.5       | 6                   | 0.3            |
| CLINIC                        | 2              | 0.0       | 5                   | 0.0            | 2              | 0.0       | 5                   | 0.0            | 0              | 0.0       | 0                   | 0.0            |
| OUTSIDE ALASKA                | 27             | 0.5       | 83                  | 0.5            | 22             | 0.5       | 64                  | 0.5            | 2              | 0.3       | 4                   | 0.2            |
| <b>MOTHER CHARACTERISTICS</b> |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <b>AGE GROUP</b>              |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <15                           | 9              | 0.2       | 23                  | 0.1            | 4              | 0.1       | 11                  | 0.1            | 2              | 0.3       | 7                   | 0.3            |
| 15-19                         | 563            | 9.7       | 1,676               | 9.9            | 343            | 8.3       | 1,022               | 8.3            | 127            | 16.1      | 350                 | 16.2           |
| 15-17                         | 174            | 3.0       | 480                 | 2.8            | 88             | 2.1       | 260                 | 2.1            | 44             | 5.6       | 119                 | 5.5            |
| 18-19                         | 389            | 6.7       | 1,196               | 7.1            | 255            | 6.2       | 762                 | 6.2            | 83             | 10.5      | 231                 | 10.7           |
| 20-24                         | 1,640          | 28.4      | 4,716               | 27.9           | 1,098          | 26.6      | 3,233               | 26.5           | 280            | 35.6      | 748                 | 34.6           |
| 25-29                         | 1,531          | 26.5      | 4,432               | 26.2           | 1,126          | 27.3      | 3,264               | 26.7           | 193            | 24.5      | 530                 | 24.5           |
| 30-34                         | 1,238          | 21.4      | 3,707               | 21.9           | 949            | 23.0      | 2,866               | 23.4           | 112            | 14.2      | 321                 | 14.9           |
| 35-39                         | 618            | 10.7      | 1,862               | 11.0           | 463            | 11.2      | 1,417               | 11.6           | 60             | 7.6       | 168                 | 7.8            |
| 40-44                         | 165            | 2.9       | 478                 | 2.8            | 130            | 3.1       | 383                 | 3.1            | 11             | 1.4       | 32                  | 1.5            |
| 45+                           | 16             | 0.3       | 33                  | 0.2            | 14             | 0.3       | 27                  | 0.2            | 2              | 0.3       | 4                   | 0.2            |
| REPORTED DRINKING             | 106            | 1.9       | 351                 | 2.1            | 69             | 1.7       | 212                 | 1.8            | 32             | 4.1       | 112                 | 5.2            |
| REPORTED SMOKING              | 859            | 15.0      | 2,553               | 15.2           | 517            | 12.6      | 1,586               | 13.1           | 257            | 32.7      | 726                 | 33.7           |
| UNWED                         | 1,858          | 32.2      | 5,293               | 31.3           | 1,056          | 25.6      | 3,037               | 24.9           | 468            | 59.5      | 1,292               | 59.9           |
| <b>EDUCATION</b>              |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <12 YEARS                     | 773            | 13.8      | 2,171               | 13.3           | 437            | 10.9      | 1,215               | 10.2           | 229            | 29.5      | 622                 | 29.2           |
| 12 YEARS                      | 2,102          | 37.6      | 6,688               | 40.8           | 1,417          | 35.2      | 4,599               | 38.6           | 344            | 44.4      | 1,030               | 48.4           |
| 12+ YEARS                     | 2,722          | 48.6      | 7,524               | 45.9           | 2,168          | 53.9      | 6,104               | 51.2           | 202            | 26.1      | 476                 | 22.4           |
| <b>PRENATAL CARE</b>          |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <b>TRIMESTER CARE BEGAN</b>   |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| 1ST TRIMESTER                 | 4,548          | 83.3      | 13,590              | 83.8           | 3,354          | 85.2      | 10,083              | 85.3           | 613            | 79.4      | 1,689               | 80.0           |
| 3RD TRIMESTER                 | 222            | 4.1       | 569                 | 3.5            | 159            | 4.0       | 395                 | 3.3            | 28             | 3.6       | 76                  | 3.6            |
| NO PRENATAL CARE              | 26             | 0.5       | 75                  | 0.5            | 16             | 0.5       | 40                  | 0.4            | 4              | 0.5       | 20                  | 1.0            |
| <b>APNCU INDEX</b>            |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| ADEQUATE+                     | 1,397          | 28.8      | 4,151               | 27.9           | 1,103          | 31.7      | 3,185               | 29.5           | 112            | 14.8      | 439                 | 21.1           |
| ADEQUATE                      | 2,166          | 44.6      | 6,688               | 45.0           | 1,561          | 44.9      | 4,949               | 45.9           | 350            | 46.3      | 900                 | 43.2           |
| INTERMEDIATE                  | 662            | 13.6      | 2,283               | 15.4           | 424            | 12.2      | 1,550               | 14.4           | 168            | 22.2      | 395                 | 19.0           |
| INADEQUATE                    | 627            | 12.9      | 1,745               | 11.7           | 390            | 11.2      | 1,102               | 10.2           | 126            | 16.7      | 347                 | 16.7           |
| <b>KESSNER INDEX</b>          |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| ADEQUATE                      | 3,582          | 73.6      | 11,261              | 75.5           | 2,705          | 77.5      | 8,503               | 78.6           | 474            | 62.7      | 1,360               | 65.3           |
| INTERMEDIATE                  | 1,037          | 21.3      | 3,007               | 20.2           | 609            | 17.5      | 1,878               | 17.4           | 250            | 33.1      | 627                 | 30.1           |
| INADEQUATE                    | 248            | 5.1       | 644                 | 4.3            | 175            | 5.0       | 435                 | 4.0            | 32             | 4.2       | 96                  | 4.6            |
| <b>C-SECTION BIRTHS</b>       | 1,338          | 23.1      | 3,692               | 21.8           | 1,005          | 24.4      | 2,803               | 22.9           | 103            | 13.1      | 273                 | 12.6           |
| <b>PRE-TERM BIRTHS</b>        | 624            | 10.8      | 1,682               | 9.9            | 438            | 10.6      | 1,142               | 9.3            | 77             | 9.8       | 220                 | 10.2           |
| <b>LOW BIRTHWEIGHT</b>        | 344            | 5.9       | 1,013               | 6.0            | 237            | 5.7       | 659                 | 5.4            | 51             | 6.5       | 137                 | 6.3            |

Note: Unknown responses are excluded from the denominator when calculating percentages.

**TABLE 3 SELECTED BIRTH STATISTICS REPORTED BY MOTHER'S RACE AND NATIVE REGIONAL CORPORATION OF RESIDENCE: 2003 AND 2001-2003 DOYON LIMITED**

|                               | TOTAL          |           |                     |                | WHITE          |           |                     |                | NATIVE         |           |                     |                |
|-------------------------------|----------------|-----------|---------------------|----------------|----------------|-----------|---------------------|----------------|----------------|-----------|---------------------|----------------|
|                               | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% |
| <b>BIRTHS</b>                 |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| WITHIN AREA                   | 1,716          | 100.0     | 5,088               | 100.0          | 1,280          | 74.6      | 3,759               | 73.9           | 224            | 13.1      | 677                 | 13.3           |
| TO RESIDENTS                  | 1,752          | 100.0     | 5,161               | 100.0          | 1,310          | 74.8      | 3,800               | 73.6           | 225            | 12.8      | 696                 | 13.5           |
| <b>FACILITY</b>               |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| HOSPITAL                      | 1,667          | 95.1      | 4,893               | 94.8           | 1,235          | 94.3      | 3,554               | 93.5           | 222            | 98.7      | 690                 | 99.1           |
| BIRTHING CENTER               | 41             | 2.3       | 156                 | 3.0            | 37             | 2.8       | 147                 | 3.9            | 2              | 0.9       | 3                   | 0.4            |
| HOME                          | 29             | 1.7       | 68                  | 1.3            | 26             | 2.0       | 62                  | 1.6            | 1              | 0.4       | 1                   | 0.1            |
| CLINIC                        | 1              | 0.1       | 8                   | 0.2            | 1              | 0.1       | 8                   | 0.2            | 0              | 0.0       | 0                   | 0.0            |
| OUTSIDE ALASKA                | 14             | 0.8       | 36                  | 0.7            | 11             | 0.8       | 29                  | 0.8            | 0              | 0.0       | 2                   | 0.3            |
| <b>MOTHER CHARACTERISTICS</b> |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <b>AGE GROUP</b>              |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <15                           | 1              | 0.1       | 5                   | 0.1            | 0              | 0.0       | 3                   | 0.1            | 1              | 0.4       | 2                   | 0.3            |
| 15-19                         | 169            | 9.7       | 484                 | 9.3            | 103            | 7.9       | 297                 | 7.8            | 42             | 18.7      | 129                 | 18.5           |
| 15-17                         | 38             | 2.2       | 131                 | 2.5            | 21             | 1.6       | 76                  | 2.0            | 8              | 3.6       | 40                  | 5.7            |
| 18-19                         | 131            | 7.5       | 353                 | 6.8            | 82             | 6.3       | 221                 | 5.8            | 34             | 15.1      | 89                  | 12.8           |
| 20-24                         | 549            | 31.4      | 1,638               | 31.8           | 403            | 30.8      | 1,168               | 30.8           | 79             | 35.1      | 233                 | 33.5           |
| 25-29                         | 491            | 28.1      | 1,437               | 27.9           | 373            | 28.5      | 1,083               | 28.5           | 55             | 24.4      | 174                 | 25.0           |
| 30-34                         | 335            | 19.1      | 977                 | 18.9           | 272            | 20.8      | 763                 | 20.1           | 27             | 12.0      | 99                  | 14.2           |
| 35-39                         | 155            | 8.9       | 479                 | 9.3            | 117            | 8.9       | 367                 | 9.7            | 17             | 7.6       | 49                  | 7.0            |
| 40-44                         | 47             | 2.7       | 133                 | 2.6            | 37             | 2.8       | 112                 | 2.9            | 4              | 1.8       | 10                  | 1.4            |
| 45+                           | 3              | 0.2       | 6                   | 0.1            | 3              | 0.2       | 5                   | 0.1            | 0              | 0.0       | 0                   | 0.0            |
| REPORTED DRINKING             | 14             | 0.8       | 46                  | 0.9            | 6              | 0.5       | 20                  | 0.5            | 7              | 3.1       | 24                  | 3.5            |
| REPORTED SMOKING              | 235            | 13.5      | 731                 | 14.2           | 161            | 12.3      | 475                 | 12.5           | 63             | 28.0      | 210                 | 30.3           |
| UNWED                         | 441            | 25.2      | 1,309               | 25.4           | 243            | 18.6      | 692                 | 18.2           | 146            | 64.9      | 452                 | 64.9           |
| <b>EDUCATION</b>              |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <12 YEARS                     | 154            | 9.3       | 488                 | 9.9            | 104            | 8.2       | 309                 | 8.3            | 35             | 16.3      | 139                 | 21.5           |
| 12 YEARS                      | 706            | 42.6      | 2,085               | 42.5           | 507            | 40.0      | 1,496               | 40.4           | 128            | 59.5      | 352                 | 54.4           |
| 12+ YEARS                     | 798            | 48.1      | 2,333               | 47.6           | 655            | 51.7      | 1,901               | 51.3           | 52             | 24.2      | 156                 | 24.1           |
| <b>PRENATAL CARE</b>          |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <b>TRIMESTER CARE BEGAN</b>   |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| 1ST TRIMESTER                 | 1,335          | 77.9      | 3,911               | 77.8           | 1,021          | 79.5      | 2,972               | 80.0           | 148            | 67.0      | 438                 | 65.5           |
| 3RD TRIMESTER                 | 103            | 6.0       | 256                 | 5.1            | 76             | 5.9       | 174                 | 4.7            | 15             | 6.8       | 51                  | 7.6            |
| NO PRENATAL CARE              | 5              | 0.3       | 15                  | 0.3            | 4              | 0.3       | 12                  | 0.3            | 0              | 0.0       | 1                   | 0.1            |
| <b>APNCU INDEX</b>            |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| ADEQUATE+                     | 338            | 19.7      | 1,022               | 20.4           | 274            | 21.4      | 787                 | 21.2           | 23             | 10.4      | 86                  | 12.9           |
| ADEQUATE                      | 720            | 42.1      | 2,055               | 40.9           | 540            | 42.1      | 1,576               | 42.5           | 85             | 38.5      | 220                 | 32.9           |
| INTERMEDIATE                  | 349            | 20.4      | 1,071               | 21.3           | 250            | 19.5      | 763                 | 20.6           | 56             | 25.3      | 174                 | 26.0           |
| INADEQUATE                    | 305            | 17.8      | 873                 | 17.4           | 218            | 17.0      | 586                 | 15.8           | 57             | 25.8      | 188                 | 28.1           |
| <b>KESSNER INDEX</b>          |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| ADEQUATE                      | 1,097          | 64.0      | 3,225               | 64.2           | 858            | 66.9      | 2,498               | 67.2           | 107            | 48.4      | 316                 | 47.3           |
| INTERMEDIATE                  | 508            | 29.7      | 1,528               | 30.4           | 345            | 26.9      | 1,031               | 27.8           | 99             | 44.8      | 300                 | 44.9           |
| INADEQUATE                    | 108            | 6.3       | 271                 | 5.4            | 80             | 6.2       | 186                 | 5.0            | 15             | 6.8       | 52                  | 7.8            |
| <b>C-SECTION BIRTHS</b>       | 369            | 21.1      | 949                 | 18.4           | 284            | 21.7      | 696                 | 18.3           | 32             | 14.2      | 112                 | 16.1           |
| <b>PRE-TERM BIRTHS</b>        | 169            | 9.6       | 475                 | 9.2            | 112            | 8.5       | 315                 | 8.3            | 21             | 9.3       | 72                  | 10.3           |
| <b>LOW BIRTHWEIGHT</b>        | 92             | 5.3       | 265                 | 5.1            | 65             | 5.0       | 188                 | 4.9            | 9              | 4.0       | 29                  | 4.2            |

Note: Unknown responses are excluded from the denominator when calculating percentages.

**TABLE 3 SELECTED BIRTH STATISTICS REPORTED BY MOTHER'S RACE AND NATIVE REGIONAL CORPORATION OF RESIDENCE: 2003 AND 2001-2003 KONIAG INCORPORATED**

|                               | TOTAL          |           |                     |                | WHITE          |           |                     |                | NATIVE         |           |                     |                |
|-------------------------------|----------------|-----------|---------------------|----------------|----------------|-----------|---------------------|----------------|----------------|-----------|---------------------|----------------|
|                               | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% |
| <b>BIRTHS</b>                 |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| WITHIN AREA                   | 191            | 100.0     | 583                 | 100.0          | 119            | 62.3      | 354                 | 60.7           | 26             | 13.6      | 85                  | 14.6           |
| TO RESIDENTS                  | 204            | 100.0     | 630                 | 100.0          | 124            | 60.8      | 379                 | 60.2           | 29             | 14.2      | 95                  | 15.1           |
| <b>FACILITY</b>               |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| HOSPITAL                      | 202            | 99.0      | 618                 | 98.1           | 122            | 98.4      | 368                 | 97.1           | 29             | 100.0     | 94                  | 98.9           |
| BIRTHING CENTER               | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            |
| HOME                          | 2              | 1.0       | 11                  | 1.7            | 2              | 1.6       | 10                  | 2.6            | 0              | 0.0       | 1                   | 1.1            |
| CLINIC                        | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 0                   | 0.0            |
| OUTSIDE ALASKA                | 0              | 0.0       | 1                   | 0.2            | 0              | 0.0       | 1                   | 0.3            | 0              | 0.0       | 0                   | 0.0            |
| <b>MOTHER CHARACTERISTICS</b> |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <b>AGE GROUP</b>              |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <15                           | 0              | 0.0       | 1                   | 0.2            | 0              | 0.0       | 1                   | 0.3            | 0              | 0.0       | 0                   | 0.0            |
| 15-19                         | 15             | 7.4       | 39                  | 6.2            | 9              | 7.3       | 24                  | 6.3            | 3              | 10.3      | 8                   | 8.5            |
| 15-17                         | 6              | 3.0       | 13                  | 2.1            | 2              | 1.6       | 5                   | 1.3            | 3              | 10.3      | 5                   | 5.3            |
| 18-19                         | 9              | 4.4       | 26                  | 4.1            | 7              | 5.7       | 19                  | 5.0            | 0              | 0.0       | 3                   | 3.2            |
| 20-24                         | 60             | 29.6      | 165                 | 26.2           | 35             | 28.5      | 97                  | 25.7           | 9              | 31.0      | 28                  | 29.5           |
| 25-29                         | 63             | 31.0      | 183                 | 29.1           | 39             | 31.7      | 109                 | 28.8           | 7              | 24.1      | 30                  | 31.6           |
| 30-34                         | 45             | 22.2      | 138                 | 21.9           | 25             | 20.3      | 83                  | 22.0           | 9              | 31.0      | 20                  | 21.1           |
| 35-39                         | 14             | 6.9       | 72                  | 11.4           | 11             | 8.9       | 46                  | 12.2           | 1              | 3.4       | 7                   | 7.4            |
| 40-44                         | 6              | 3.0       | 29                  | 4.6            | 4              | 3.3       | 16                  | 4.2            | 0              | 0.0       | 2                   | 2.1            |
| 45+                           | 0              | 0.0       | 2                   | 0.3            | 0              | 0.0       | 2                   | 0.5            | 0              | 0.0       | 0                   | 0.0            |
| REPORTED DRINKING             | 0              | 0.0       | 10                  | 1.6            | 0              | 0.0       | 6                   | 1.6            | 0              | 0.0       | 4                   | 4.3            |
| REPORTED SMOKING              | 20             | 9.9       | 72                  | 11.5           | 12             | 9.7       | 40                  | 10.6           | 7              | 24.1      | 26                  | 27.7           |
| UNWED                         | 62             | 30.4      | 172                 | 27.3           | 20             | 16.1      | 69                  | 18.2           | 18             | 62.1      | 42                  | 44.2           |
| <b>EDUCATION</b>              |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <12 YEARS                     | 23             | 11.4      | 62                  | 10.1           | 10             | 8.1       | 30                  | 8.0            | 5              | 17.2      | 14                  | 14.7           |
| 12 YEARS                      | 79             | 39.1      | 238                 | 38.7           | 42             | 34.1      | 120                 | 32.1           | 16             | 55.2      | 52                  | 54.7           |
| 12+ YEARS                     | 100            | 49.5      | 315                 | 51.2           | 71             | 57.7      | 224                 | 59.9           | 8              | 27.6      | 29                  | 30.5           |
| <b>PRENATAL CARE</b>          |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <b>TRIMESTER CARE BEGAN</b>   |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| 1ST TRIMESTER                 | 172            | 85.6      | 517                 | 83.3           | 109            | 88.6      | 329                 | 87.5           | 27             | 93.1      | 80                  | 85.1           |
| 3RD TRIMESTER                 | 2              | 1.0       | 11                  | 1.8            | 1              | 0.8       | 6                   | 1.6            | 0              | 0.0       | 1                   | 1.1            |
| NO PRENATAL CARE              | 1              | 0.5       | 2                   | 0.3            | 1              | 0.8       | 1                   | 0.3            | 0              | 0.0       | 0                   | 0.0            |
| <b>APNCU INDEX</b>            |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| ADEQUATE+                     | 39             | 20.3      | 114                 | 18.8           | 30             | 25.0      | 78                  | 21.2           | 3              | 11.5      | 17                  | 18.9           |
| ADEQUATE                      | 79             | 41.1      | 239                 | 39.4           | 55             | 45.8      | 160                 | 43.5           | 10             | 38.5      | 31                  | 34.4           |
| INTERMEDIATE                  | 49             | 25.5      | 173                 | 28.5           | 25             | 20.8      | 97                  | 26.4           | 10             | 38.5      | 29                  | 32.2           |
| INADEQUATE                    | 25             | 13.0      | 80                  | 13.2           | 10             | 8.3       | 33                  | 9.0            | 3              | 11.5      | 13                  | 14.4           |
| <b>KESSNER INDEX</b>          |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| ADEQUATE                      | 129            | 67.2      | 393                 | 64.9           | 93             | 77.5      | 274                 | 74.5           | 16             | 61.5      | 57                  | 63.3           |
| INTERMEDIATE                  | 60             | 31.3      | 200                 | 33.0           | 25             | 20.8      | 87                  | 23.6           | 10             | 38.5      | 32                  | 35.6           |
| INADEQUATE                    | 3              | 1.6       | 13                  | 2.1            | 2              | 1.7       | 7                   | 1.9            | 0              | 0.0       | 1                   | 1.1            |
| <b>C-SECTION BIRTHS</b>       | 41             | 20.1      | 130                 | 20.6           | 21             | 16.9      | 75                  | 19.8           | 6              | 20.7      | 20                  | 21.1           |
| <b>PRE-TERM BIRTHS</b>        | 21             | 10.3      | 63                  | 10.0           | 11             | 8.9       | 33                  | 8.7            | 2              | 6.9       | 6                   | 6.3            |
| <b>LOW BIRTHWEIGHT</b>        | 17             | 8.3       | 44                  | 7.0            | 8              | 6.5       | 26                  | 6.9            | 2              | 6.9       | 2                   | 2.1            |

Note: Unknown responses are excluded from the denominator when calculating percentages.

**TABLE 3 SELECTED BIRTH STATISTICS REPORTED BY MOTHER'S RACE AND NATIVE REGIONAL CORPORATION OF RESIDENCE: 2003 AND 2001-2003**  
**NANA REGIONAL CORPORATION**

|                               | TOTAL          |           |                     |                | WHITE          |           |                     |                | NATIVE         |           |                     |                |
|-------------------------------|----------------|-----------|---------------------|----------------|----------------|-----------|---------------------|----------------|----------------|-----------|---------------------|----------------|
|                               | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% |
| <b>BIRTHS</b>                 |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| WITHIN AREA                   | 77             | 100.0     | 254                 | 100.0          | 3              | 3.9       | 11                  | 4.3            | 74             | 96.1      | 243                 | 95.7           |
| TO RESIDENTS                  | 155            | 100.0     | 476                 | 100.0          | 6              | 3.9       | 31                  | 6.5            | 149            | 96.1      | 442                 | 92.9           |
| <b>FACILITY</b>               |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| HOSPITAL                      | 154            | 99.4      | 469                 | 98.5           | 5              | 83.3      | 27                  | 87.1           | 149            | 100.0     | 439                 | 99.3           |
| BIRTHING CENTER               | 0              | 0.0       | 1                   | 0.2            | 0              | 0.0       | 1                   | 3.2            | 0              | 0.0       | 0                   | 0.0            |
| HOME                          | 0              | 0.0       | 2                   | 0.4            | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 2                   | 0.5            |
| CLINIC                        | 0              | 0.0       | 1                   | 0.2            | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 1                   | 0.2            |
| OUTSIDE ALASKA                | 1              | 0.6       | 3                   | 0.6            | 1              | 16.7      | 3                   | 9.7            | 0              | 0.0       | 0                   | 0.0            |
| <b>MOTHER CHARACTERISTICS</b> |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <b>AGE GROUP</b>              |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <15                           | 2              | 1.3       | 2                   | 0.4            | 0              | 0.0       | 0                   | 0.0            | 2              | 1.3       | 2                   | 0.5            |
| 15-19                         | 27             | 17.4      | 93                  | 19.5           | 0              | 0.0       | 3                   | 9.7            | 27             | 18.1      | 90                  | 20.4           |
| 15-17                         | 9              | 5.8       | 32                  | 6.7            | 0              | 0.0       | 2                   | 6.5            | 9              | 6.0       | 30                  | 6.8            |
| 18-19                         | 18             | 11.6      | 61                  | 12.8           | 0              | 0.0       | 1                   | 3.2            | 18             | 12.1      | 60                  | 13.6           |
| 20-24                         | 59             | 38.1      | 149                 | 31.3           | 1              | 16.7      | 4                   | 12.9           | 58             | 38.9      | 144                 | 32.6           |
| 25-29                         | 32             | 20.6      | 106                 | 22.3           | 2              | 33.3      | 10                  | 32.3           | 30             | 20.1      | 95                  | 21.5           |
| 30-34                         | 19             | 12.3      | 75                  | 15.8           | 1              | 16.7      | 7                   | 22.6           | 18             | 12.1      | 67                  | 15.2           |
| 35-39                         | 11             | 7.1       | 40                  | 8.4            | 2              | 33.3      | 6                   | 19.4           | 9              | 6.0       | 34                  | 7.7            |
| 40-44                         | 5              | 3.2       | 10                  | 2.1            | 0              | 0.0       | 1                   | 3.2            | 5              | 3.4       | 9                   | 2.0            |
| 45+                           | 0              | 0.0       | 1                   | 0.2            | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 1                   | 0.2            |
| REPORTED DRINKING             | 6              | 4.0       | 28                  | 6.0            | 1              | 16.7      | 2                   | 6.5            | 5              | 3.5       | 25                  | 5.7            |
| REPORTED SMOKING              | 70             | 46.1      | 230                 | 48.9           | 2              | 33.3      | 5                   | 16.1           | 68             | 46.6      | 225                 | 51.5           |
| UNWED                         | 118            | 76.1      | 314                 | 66.2           | 2              | 33.3      | 10                  | 32.3           | 116            | 77.9      | 304                 | 68.9           |
| <b>EDUCATION</b>              |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <12 YEARS                     | 56             | 38.1      | 174                 | 38.4           | 1              | 16.7      | 3                   | 10.7           | 55             | 39.0      | 171                 | 40.4           |
| 12 YEARS                      | 76             | 51.7      | 230                 | 50.8           | 3              | 50.0      | 6                   | 21.4           | 73             | 51.8      | 224                 | 53.0           |
| 12+ YEARS                     | 15             | 10.2      | 49                  | 10.8           | 2              | 33.3      | 19                  | 67.9           | 13             | 9.2       | 28                  | 6.6            |
| <b>PRENATAL CARE</b>          |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <b>TRIMESTER CARE BEGAN</b>   |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| 1ST TRIMESTER                 | 103            | 67.8      | 314                 | 68.0           | 5              | 83.3      | 24                  | 77.4           | 98             | 67.1      | 288                 | 67.1           |
| 3RD TRIMESTER                 | 10             | 6.6       | 30                  | 6.5            | 1              | 16.7      | 3                   | 9.7            | 9              | 6.2       | 27                  | 6.3            |
| NO PRENATAL CARE              | 1              | 0.7       | 2                   | 0.4            | 0              | 0.0       | 0                   | 0.0            | 1              | 0.7       | 2                   | 0.5            |
| <b>APNCU INDEX</b>            |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| ADEQUATE+                     | 31             | 20.3      | 88                  | 19.2           | 3              | 50.0      | 8                   | 25.8           | 28             | 19.0      | 80                  | 18.8           |
| ADEQUATE                      | 39             | 25.5      | 108                 | 23.5           | 1              | 16.7      | 8                   | 25.8           | 38             | 25.9      | 100                 | 23.5           |
| INTERMEDIATE                  | 35             | 22.9      | 119                 | 25.9           | 0              | 0.0       | 9                   | 29.0           | 35             | 23.8      | 108                 | 25.4           |
| INADEQUATE                    | 48             | 31.4      | 144                 | 31.4           | 2              | 33.3      | 6                   | 19.4           | 46             | 31.3      | 138                 | 32.4           |
| <b>KESSNER INDEX</b>          |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| ADEQUATE                      | 65             | 42.5      | 186                 | 40.5           | 4              | 66.7      | 18                  | 58.1           | 61             | 41.5      | 167                 | 39.2           |
| INTERMEDIATE                  | 77             | 50.3      | 241                 | 52.5           | 1              | 16.7      | 10                  | 32.3           | 76             | 51.7      | 230                 | 54.0           |
| INADEQUATE                    | 11             | 7.2       | 32                  | 7.0            | 1              | 16.7      | 3                   | 9.7            | 10             | 6.8       | 29                  | 6.8            |
| <b>C-SECTION BIRTHS</b>       | 13             | 8.4       | 33                  | 6.9            | 1              | 16.7      | 4                   | 12.9           | 12             | 8.1       | 28                  | 6.3            |
| <b>PRE-TERM BIRTHS</b>        | 15             | 9.7       | 55                  | 11.6           | 0              | 0.0       | 0                   | 0.0            | 15             | 10.1      | 55                  | 12.4           |
| <b>LOW BIRTHWEIGHT</b>        | 6              | 3.9       | 27                  | 5.7            | 0              | 0.0       | 0                   | 0.0            | 6              | 4.0       | 27                  | 6.1            |

Note: Unknown responses are excluded from the denominator when calculating percentages.

**TABLE 3 SELECTED BIRTH STATISTICS REPORTED BY MOTHER'S RACE AND NATIVE REGIONAL CORPORATION OF RESIDENCE: 2003 AND 2001-2003 SEALASKA CORPORATION**

|                               | TOTAL          |           |                     |                | WHITE          |           |                     |                | NATIVE         |           |                     |                |
|-------------------------------|----------------|-----------|---------------------|----------------|----------------|-----------|---------------------|----------------|----------------|-----------|---------------------|----------------|
|                               | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% | 2003<br>NUMBER | 2003<br>% | 2001-2003<br>NUMBER | 2001-2003<br>% |
| <b>BIRTHS</b>                 |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| WITHIN AREA                   | 813            | 100.0     | 2,481               | 100.0          | 553            | 68.0      | 1,658               | 66.8           | 203            | 25.0      | 641                 | 25.8           |
| TO RESIDENTS                  | 873            | 100.0     | 2,670               | 100.0          | 587            | 67.2      | 1,769               | 66.3           | 214            | 24.5      | 686                 | 25.7           |
| <b>FACILITY</b>               |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| HOSPITAL                      | 742            | 85.0      | 2,310               | 86.5           | 489            | 83.3      | 1,493               | 84.4           | 196            | 91.6      | 643                 | 93.7           |
| BIRTHING CENTER               | 49             | 5.6       | 162                 | 6.1            | 41             | 7.0       | 132                 | 7.5            | 5              | 2.3       | 19                  | 2.8            |
| HOME                          | 44             | 5.0       | 94                  | 3.5            | 32             | 5.5       | 76                  | 4.3            | 9              | 4.2       | 12                  | 1.7            |
| CLINIC                        | 4              | 0.5       | 5                   | 0.2            | 1              | 0.2       | 1                   | 0.1            | 3              | 1.4       | 4                   | 0.6            |
| OUTSIDE ALASKA                | 34             | 3.9       | 99                  | 3.7            | 24             | 4.1       | 67                  | 3.8            | 1              | 0.5       | 8                   | 1.2            |
| <b>MOTHER CHARACTERISTICS</b> |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <b>AGE GROUP</b>              |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <15                           | 0              | 0.0       | 1                   | 0.0            | 0              | 0.0       | 0                   | 0.0            | 0              | 0.0       | 1                   | 0.1            |
| 15-19                         | 85             | 9.7       | 267                 | 10.1           | 39             | 6.6       | 120                 | 6.8            | 38             | 17.8      | 129                 | 18.8           |
| 15-17                         | 28             | 3.2       | 68                  | 2.6            | 13             | 2.2       | 26                  | 1.5            | 13             | 6.1       | 38                  | 5.5            |
| 18-19                         | 57             | 6.5       | 199                 | 7.5            | 26             | 4.4       | 94                  | 5.3            | 25             | 11.7      | 91                  | 13.3           |
| 20-24                         | 226            | 25.9      | 662                 | 24.8           | 128            | 21.8      | 379                 | 21.5           | 82             | 38.3      | 236                 | 34.4           |
| 25-29                         | 208            | 23.9      | 708                 | 26.6           | 141            | 24.0      | 487                 | 27.6           | 47             | 22.0      | 161                 | 23.5           |
| 30-34                         | 209            | 24.0      | 610                 | 22.9           | 167            | 28.4      | 468                 | 26.5           | 27             | 12.6      | 88                  | 12.8           |
| 35-39                         | 107            | 12.3      | 329                 | 12.3           | 82             | 14.0      | 247                 | 14.0           | 15             | 7.0       | 57                  | 8.3            |
| 40-44                         | 36             | 4.1       | 88                  | 3.3            | 29             | 4.9       | 64                  | 3.6            | 5              | 2.3       | 14                  | 2.0            |
| 45+                           | 1              | 0.1       | 1                   | 0.0            | 1              | 0.2       | 1                   | 0.1            | 0              | 0.0       | 0                   | 0.0            |
| REPORTED DRINKING             | 11             | 1.3       | 52                  | 2.0            | 9              | 1.6       | 32                  | 1.9            | 2              | 0.9       | 18                  | 2.7            |
| REPORTED SMOKING              | 150            | 17.4      | 429                 | 16.4           | 90             | 15.3      | 256                 | 14.6           | 55             | 25.8      | 159                 | 23.5           |
| UNWED                         | 306            | 35.4      | 939                 | 35.5           | 149            | 25.4      | 455                 | 25.8           | 135            | 63.1      | 435                 | 63.4           |
| <b>EDUCATION</b>              |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <12 YEARS                     | 109            | 12.9      | 312                 | 12.5           | 47             | 8.2       | 132                 | 7.9            | 55             | 26.7      | 160                 | 24.6           |
| 12 YEARS                      | 293            | 34.8      | 921                 | 37.0           | 174            | 30.4      | 549                 | 33.0           | 95             | 46.1      | 315                 | 48.5           |
| 12+ YEARS                     | 440            | 52.3      | 1,257               | 50.5           | 352            | 61.4      | 984                 | 59.1           | 56             | 27.2      | 175                 | 26.9           |
| <b>PRENATAL CARE</b>          |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| <b>TRIMESTER CARE BEGAN</b>   |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| 1ST TRIMESTER                 | 681            | 84.7      | 2,064               | 85.1           | 476            | 85.9      | 1,449               | 87.6           | 157            | 81.3      | 477                 | 79.5           |
| 3RD TRIMESTER                 | 27             | 3.4       | 71                  | 2.9            | 15             | 2.7       | 35                  | 2.1            | 9              | 4.7       | 31                  | 5.2            |
| NO PRENATAL CARE              | 5              | 0.7       | 10                  | 0.5            | 3              | 0.6       | 7                   | 0.5            | 2              | 1.2       | 2                   | 0.4            |
| <b>APNCU INDEX</b>            |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| ADEQUATE+                     | 285            | 41.1      | 797                 | 37.8           | 200            | 42.2      | 561                 | 39.0           | 62             | 36.7      | 180                 | 34.7           |
| ADEQUATE                      | 262            | 37.8      | 846                 | 40.1           | 181            | 38.2      | 594                 | 41.3           | 64             | 37.9      | 192                 | 37.0           |
| INTERMEDIATE                  | 75             | 10.8      | 232                 | 11.0           | 52             | 11.0      | 152                 | 10.6           | 16             | 9.5       | 59                  | 11.4           |
| INADEQUATE                    | 71             | 10.2      | 236                 | 11.2           | 41             | 8.6       | 132                 | 9.2            | 27             | 16.0      | 88                  | 17.0           |
| <b>KESSNER INDEX</b>          |                |           |                     |                |                |           |                     |                |                |           |                     |                |
| ADEQUATE                      | 536            | 77.1      | 1,622               | 76.7           | 375            | 78.8      | 1,154               | 80.0           | 121            | 71.6      | 359                 | 69.2           |
| INTERMEDIATE                  | 127            | 18.3      | 413                 | 19.5           | 83             | 17.4      | 247                 | 17.1           | 37             | 21.9      | 127                 | 24.5           |
| INADEQUATE                    | 32             | 4.6       | 81                  | 3.8            | 18             | 3.8       | 42                  | 2.9            | 11             | 6.5       | 33                  | 6.4            |
| <b>C-SECTION BIRTHS</b>       | 263            | 30.1      | 719                 | 26.9           | 192            | 32.7      | 505                 | 28.5           | 52             | 24.3      | 155                 | 22.6           |
| <b>PRE-TERM BIRTHS</b>        | 85             | 9.7       | 232                 | 8.7            | 55             | 9.4       | 128                 | 7.2            | 20             | 9.3       | 77                  | 11.2           |
| <b>LOW BIRTHWEIGHT</b>        | 54             | 6.2       | 125                 | 4.7            | 37             | 6.3       | 80                  | 4.5            | 11             | 5.1       | 31                  | 4.5            |

Note: Unknown responses are excluded from the denominator when calculating percentages.