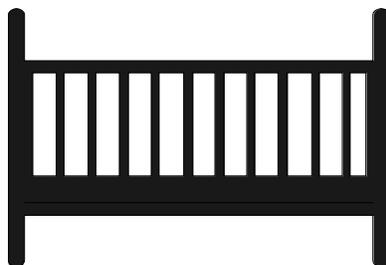


FETAL AND INFANT DEATHS

FETAL AND INFANT DEATHS



46 FETAL DEATHS
72 INFANT DEATHS

FETAL DEATHS

A fetal death is defined as the death of a fetus after the eighth week of gestation and before delivery. Alaska Statute 18.50.240 requires the filing of a certificate for each fetal death that occurs in the state when the pregnancy has lasted at least 20 weeks. The filing of certificates for fetal deaths which occur prior to the twentieth week of pregnancy is optional. This report includes information only for fetal deaths in which either the estimated gestation or the calculated gestation (last menstrual date subtracted from the date of delivery) is at least twenty weeks.

TABLE 2.1A FETAL DEATHS BY CENSUS AREA OF MOTHER'S RESIDENCE, ALASKA, 1996

| CENSUS AREA OF MOTHER'S RESIDENCE | DEATHS |
|-----------------------------------|--------|
| ANCHORAGE BOROUGH | 20 |
| BETHEL | 1 |
| DILLINGHAM | 1 |
| FAIRBANKS NORTH STAR BOROUGH | 8 |
| KENAI PENINSULA BOROUGH | 2 |
| KETCHIKAN GATEWAY BOROUGH | 1 |
| KODIAK ISLAND BOROUGH | 1 |
| MATANUSKA-SUSITNA BOROUGH | 2 |
| NOME | 2 |
| NORTHWEST ARCTIC BOROUGH | 1 |
| SITKA BOROUGH | 1 |
| SOUTHEAST FAIRBANKS | 1 |
| VALDEZ-CORDOVA | 2 |
| WADE HAMPTON | 2 |
| WRANGELL-PETERSBURG | 1 |
| TOTAL | 46 |

FETAL AND INFANT DEATHS (continued) Alaska Bureau of Vital Statistics

TABLE 2.1B FETAL DEATHS BY NATIVE REGIONAL CORPORATION OF MOTHER'S RESIDENCE, ALASKA, 1996

| NATIVE REGIONAL CORPORATION OF MOTHER'S RESIDENCE | DEATHS |
|---|--------|
| AHTNA INC. | 1 |
| BERING STRAITS CORP. | 2 |
| BRISTOL BAY CORP. | 1 |
| CALISTA CORP. | 3 |
| CHUGACH NATIVES INC. | 1 |
| COOK INLET REG CORP. | 24 |
| DOYON LTD. | 9 |
| KONIAG INC. | 1 |
| NANA REGIONAL CORP. | 1 |
| SEALASKA CORP. | 3 |
| TOTAL | 46 |

TABLE 2.1C FETAL DEATHS AND FETAL DEATH RATE BY MOTHER'S RACE, ALASKA, 1992-1996

| MOTHER'S RACE | FETAL DEATHS | | | | | | TOTAL BIRTHS | 1992-1996 RATE |
|---------------|--------------|------|------|------|------|-------|--------------|----------------|
| | 1992 | 1993 | 1994 | 1995 | 1996 | TOTAL | | |
| WHITE | 40 | 33 | 30 | 25 | 25 | 153 | 36,386 | 4.2 |
| NATIVE | 12 | 10 | 9 | 12 | 15 | 58 | 12,213 | 4.7 |
| BLACK | 3 | 2 | 4 | 5 | 5 | 19 | 2,499 | 7.6 |
| ASIAN/PI | 4 | 2 | 1 | | 1 | 8 | 2,514 | 3.2 |
| UNKNOWN | | | | | | | 149 | |
| TOTAL | 59 | 47 | 44 | 42 | 46 | 238 | 53,761 | 4.4 |

TABLE 2.2 FETAL DEATHS BY AGE AND RACE OF MOTHER, ALASKA, 1996

| MOTHER'S AGE | MOTHER'S RACE | | | | TOTAL |
|--------------|---------------|--------|-------|----------|-------|
| | WHITE | NATIVE | BLACK | ASIAN/PI | |
| 15-17 | 1 | 1 | | | 2 |
| 18-19 | 1 | 1 | 1 | | 3 |
| 20-24 | 8 | 5 | | | 13 |
| 25-29 | 7 | 3 | 2 | 1 | 13 |
| 30-34 | 5 | 2 | 1 | | 8 |
| 35-39 | 3 | 2 | | | 5 |
| 40-44 | | 1 | 1 | | 2 |
| TOTAL | 25 | 15 | 5 | 1 | 46 |

Alaska Bureau of Vital Statistics (continued) FETAL AND INFANT DEATHS

TABLE 2.3 FETAL DEATHS BY LENGTH OF GESTATION AND WEIGHT, ALASKA, 1996

| GESTATION | WEIGHT IN GRAMS | | | | | | | UNK | TOTAL |
|-------------|-----------------|---------|-----------|-----------|-----------|-----------|-------|-----|-------|
| | <500 | 500-999 | 1000-1499 | 1500-1999 | 2000-2499 | 2500-4000 | 4000+ | | |
| 20-24 WEEKS | 5 | 5 | | 1 | | | | 1 | 12 |
| 25-28 WEEKS | 1 | 4 | 1 | | | | | 1 | 7 |
| 29-32 WEEKS | | | | 2 | 3 | | | | 5 |
| 33-36 WEEKS | | | | 4 | 2 | 1 | | | 7 |
| 37-41 WEEKS | | | | 1 | 2 | 10 | 1 | | 14 |
| 42+ WEEKS | | | | | | 1 | | | 1 |
| TOTAL | 6 | 9 | 1 | 8 | 7 | 12 | 1 | 2 | 46 |

INFANT DEATHS

Infant deaths are defined as deaths which occur before an individual's first birthday. Infant mortality may be calculated by either of two methods: *birth cohort* or *death cohort*. The *birth cohort* method is calculated based on a comparison of the number of infants born in a calendar year with the number of those infants who die before reaching their first birthday. The *death cohort* method is calculated by dividing the number of infants who die in a calendar year by the number of infants born in that same year.

The birth cohort method is more reliable for calculating infant mortality rates because it calculates a rate for a specific group of infants, whereas the death cohort method calculates a rate based on comparing deaths in one year against births in that same year. The death cohort calculation includes infants who died in the report year but were born in the previous year, and excludes infants who were born in the report year but die in the next year. In this report, the birth cohort method is calculated on births from calendar year 1995. Birth cohort calculations are not included for 1996 in this report because not all 1997 death records were complete at the time this report was compiled.

The death cohort method is used in this report for calendar year 1996. This method compares the number of deaths of infants who died during 1996 prior to their first birthday with the number of infants who were born in 1996.

Infant Mortality Rates

Using the death cohort, the total number of infant deaths during 1996 was 72. This is a ten percent decrease from 80 infant deaths during 1995.¹ Since relatively small changes in infant deaths can cause large fluctuations in the infant mortality rate (IMR) from one year to the next, Alaska's annual IMR is calculated on a five-year moving average. The 1992-1996 five-year average infant mortality rate was 7.9 deaths per 1,000 live births, down from 8.3 deaths per 1,000 live births for 1991-1995. The U.S. infant mortality rate of 7.2 deaths per 1,000 live births in 1996 reflects a 5.3% decrease from 7.6 infant deaths per 1,000 live births in 1995.² Both the U.S. and Alaska infant mortality rates have been steadily decreasing in recent years, and both are now at the lowest rates ever recorded.

In discussing infant mortality, a distinction is made between neonatal mortality (deaths prior to the 28th day of life) and postneonatal mortality (deaths from the 28th day up to one year). Neonatal deaths are frequently associated with circumstances related to pregnancy and delivery while postneonatal deaths are often associated with living conditions. Alaska's neonatal mortality rate has generally been lower than the neonatal mortality rate for the United

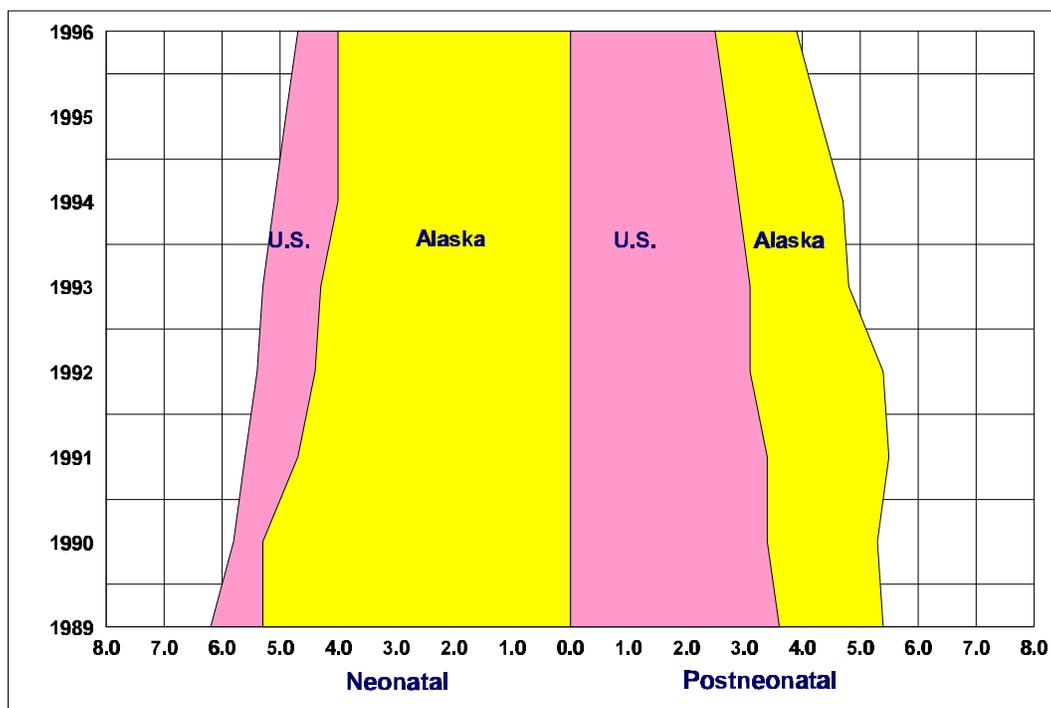
1 Crondahl, J., Mitchell, P., Anderson, C., and Walden, S. Department of Health and Social Services, Division of Public Health, *Alaska Bureau of Vital Statistics 1995 Annual Report*, Juneau, Alaska. July 1997, p.51.

2 National Center for Health Statistics, U.S. Department of Health and Human Services, "Births and Deaths: United States, 1996," *Monthly Vital Statistics Report*, Vol. 46, No. 1(S2), September 11, 1997, Table 14, p. 28.

FETAL AND INFANT DEATHS (continued) Alaska Bureau of Vital Statistics

States, while its postneonatal mortality rate has been higher. Chart 2.1 provides a graphic comparison of the neonatal and postneonatal rates for Alaska and the United States.

CHART 2.1 NEONATAL AND POSTNEONATAL MORTALITY RATES PER 1,000 LIVE BIRTHS, ALASKA AND THE UNITED STATES, 1989-1996 (DEATH COHORT METHOD)



United States rates are single year rates and are provided by the National Center for Health Statistics.³ Alaska infant mortality rates are calculated using five-year moving averages per 1,000 live births, based on the death-cohort method.

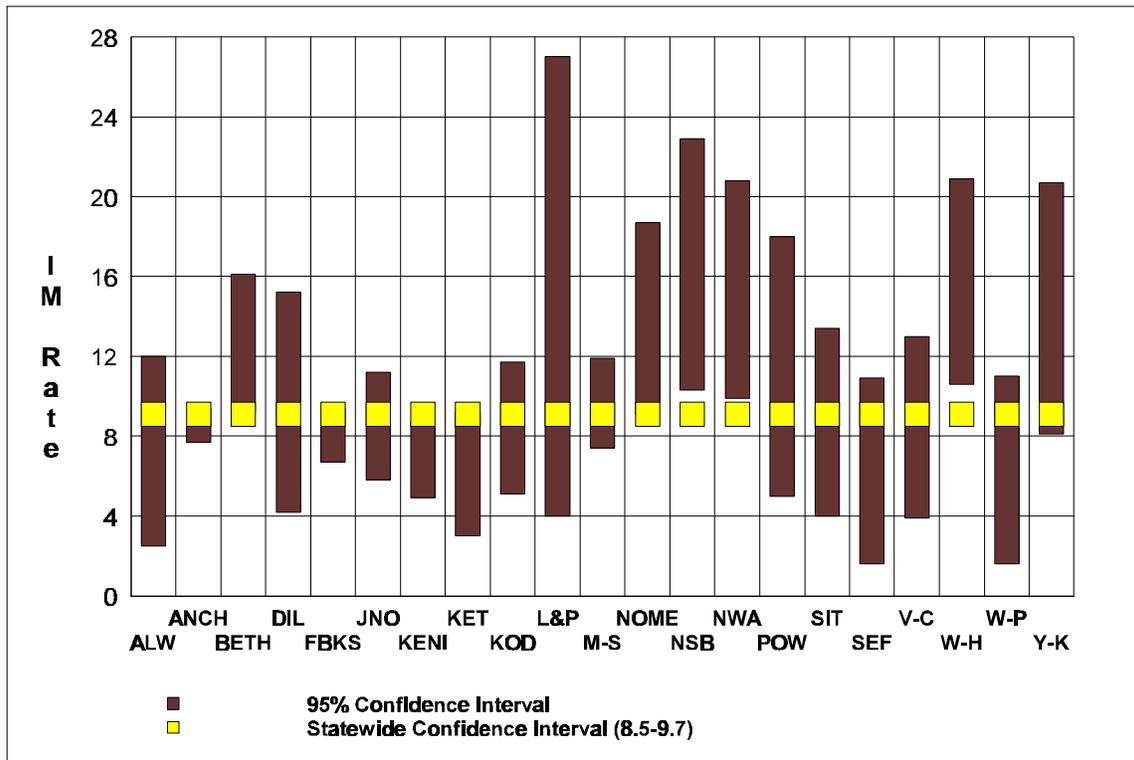
Chart 2.2 compares confidence intervals for infant mortality in individual census areas against the statewide average. When smaller populations, such as individual census areas, are analyzed, ten-year averages and 95 percent confidence intervals are used. The calculated infant mortality rate occurs at the midpoint of the confidence interval. The smaller the population, the larger the confidence interval. (For a detailed discussion of confidence intervals and statistical significance, refer to Appendix B.)

Several census areas (Aleutians East, Angoon-Hoonah-Skagway, Bristol Bay, Denali, Haines Borough, and Yakutat) have been omitted from Chart 2.2 because occurrences of infant mortality are too few for rates to be meaningful. Those census areas which have infant mortality rates significantly above the statewide 95% confidence interval of 8.5 to 9.7 deaths per 1,000 live births are North Slope, Northwest Arctic, and Wade Hampton. No areas had rates below the statewide 95% confidence interval; the confidence intervals for all other areas fell at least partly within the range of the statewide average.

³ National Center for Health Statistics, U.S. Department of Health and Human Services, "Report of Final Mortality Statistics, 1995," *Monthly Vital Statistics Report*, Vol. 45, No. 11(S2), June 12, 1997, Table 25, pp. 66-67; and "Births and Deaths: United States, 1996," *Monthly Vital Statistics Report*, Vol. 46, No. 1(S2), September 11, 1997, Table 14, p. 28.

Alaska Bureau of Vital Statistics (continued) FETAL AND INFANT DEATHS

CHART 2.2 95% CONFIDENCE INTERVALS FOR INFANT MORTALITY BY CENSUS AREA, ALASKA, 1987-1996 (DEATH COHORT)



Key for Chart 2.2

ALW Aleutians West
 ANCH Anchorage
 BETH Bethel
 DIL Dillingham
 FBKS Fairbanks
 JNO Juneau
 KENI Kenai

KET Ketchikan
 KOD Kodiak
 L&P Lake & Peninsula
 M-S Matanuska-Susitna
 NOME Nome
 NSB North Slope Borough
 NWA Northwest Arctic

POW Prince of Wales/Outer Ketchikan
 SIT Sitka
 SEF Southeast Fairbanks
 V-C Valdez/Cordova
 W-H Wade Hampton
 W-P Wrangell/Petersburg
 Y-K Yukon Koyukuk

FETAL AND INFANT DEATHS (continued) Alaska Bureau of Vital Statistics

Infant Deaths by Age

TABLE 2.4A INFANT DEATHS BY CENSUS AREA OF DECEDENT'S RESIDENCE AND AGE, ALASKA, 1996 (DEATH COHORT METHOD)

| CENSUS AREA OF DECEDENT'S RESIDENCE | DECEDENT'S AGE | | TOTAL |
|-------------------------------------|----------------|---------------|-----------|
| | NEONATAL | POST-NEONATAL | |
| ALEUTIANS WEST | | 1 | 1 |
| ANCHORAGE BOROUGH | 13 | 14 | 27 |
| ANGOON-HOONAH-SKAGWAY | | 1 | 1 |
| BETHEL | 1 | 1 | 2 |
| DILLINGHAM | 1 | | 1 |
| FAIRBANKS NORTH STAR BOROUGH | 5 | 4 | 9 |
| JUNEAU BOROUGH | 1 | | 1 |
| KENAI PENINSULA BOROUGH | 3 | 2 | 5 |
| KETCHIKAN GATEWAY BOROUGH | 2 | 1 | 3 |
| KODIAK ISLAND BOROUGH | 3 | | 3 |
| MATANUSKA-SUSITNA BOROUGH | 2 | 2 | 4 |
| NORTH SLOPE BOROUGH | | 2 | 2 |
| NORTHWEST ARCTIC BOROUGH | 2 | 1 | 3 |
| PRINCE OF WALES-OUTER KETCHIKAN | | 1 | 1 |
| SITKA BOROUGH | | 1 | 1 |
| SOUTHEAST FAIRBANKS | | 1 | 1 |
| VALDEZ-CORDOVA | | 1 | 1 |
| WADE HAMPTON | | 3 | 3 |
| WRANGELL-PETERSBURG | | 1 | 1 |
| YUKON-KOYUKUK | 2 | | 2 |
| TOTAL | 35 | 37 | 72 |

TABLE 2.4B INFANT DEATHS BY NATIVE REGIONAL CORPORATION OF DECEDENT'S RESIDENCE AND AGE, ALASKA, 1996 (DEATH COHORT METHOD)

| N R C OF DECEDENT'S RESIDENCE | DECEDENT'S AGE | | TOTAL |
|-------------------------------|----------------|---------------|-----------|
| | NEONATAL | POST-NEONATAL | |
| ALEUT CORP. | | 1 | 1 |
| ARCTIC SLOPE CORP. | | 2 | 2 |
| BRISTOL BAY CORP. | 1 | | 1 |
| CALISTA CORP. | 1 | 4 | 5 |
| CHUGACH NATIVES INC. | | 1 | 1 |
| COOK INLET REG CORP. | 18 | 18 | 36 |
| DOYON LTD. | 7 | 5 | 12 |
| KONIAG INC. | 3 | | 3 |
| NANA REGIONAL CORP. | 2 | 1 | 3 |
| SEALASKA CORP. | 3 | 5 | 8 |
| TOTAL | 35 | 37 | 72 |

Alaska Bureau of Vital Statistics (continued) FETAL AND INFANT DEATHS

TABLE 2.4C INFANT DEATHS BY RACE, SEX, AND AGE OF DECEDENT, ALASKA, 1996 (DEATH COHORT METHOD)

| DECEDENT'S RACE | DECEDENT'S AGE | | TOTAL |
|-----------------|----------------|---------------|-------|
| | NEONATAL | POST-NEONATAL | |
| WHITE | 20 | 19 | 39 |
| NATIVE | 11 | 14 | 25 |
| BLACK | 4 | 1 | 5 |
| ASIAN/PI | | 3 | 3 |
| TOTAL | 35 | 37 | 72 |
| SEX | | | |
| FEMALE | 8 | 16 | 24 |
| MALE | 27 | 21 | 48 |
| TOTAL | 35 | 37 | 72 |

TABLE 2.5A INFANT DEATHS BY CENSUS AREA OF DECEDENT'S RESIDENCE AND AGE, ALASKA, BIRTH YEAR 1995 (BIRTH COHORT METHOD)

| CENSUS AREA OF DECEDENT'S RESIDENCE | DECEDENT'S AGE | | TOTAL |
|-------------------------------------|----------------|---------------|-------|
| | NEONATAL | POST-NEONATAL | |
| ANCHORAGE BOROUGH | 25 | 13 | 38 |
| BETHEL | 4 | 1 | 5 |
| DILLINGHAM | 2 | | 2 |
| FAIRBANKS NORTH STAR BOROUGH | 8 | 7 | 15 |
| JUNEAU BOROUGH | 2 | | 2 |
| KENAI PENINSULA BOROUGH | 1 | 1 | 2 |
| KETCHIKAN GATEWAY BOROUGH | | 1 | 1 |
| KODIAK ISLAND BOROUGH | 1 | | 1 |
| MATANUSKA-SUSITNA BOROUGH | 3 | 3 | 6 |
| NORTH SLOPE BOROUGH | | 2 | 2 |
| PRINCE OF WALES-OUTER KETCHIKAN | 1 | | 1 |
| SITKA BOROUGH | | 1 | 1 |
| VALDEZ-CORDOVA | 2 | 1 | 3 |
| WADE HAMPTON | | 1 | 1 |
| WRANGELL-PETERSBURG | | 1 | 1 |
| YUKON-KOYUKUK | 1 | 1 | 2 |
| TOTAL | 50 | 33 | 83 |

FETAL AND INFANT DEATHS (continued) Alaska Bureau of Vital Statistics

TABLE 2.5B INFANT DEATHS BY NATIVE REGIONAL CORPORATION OF DECEDENT'S RESIDENCE AND AGE, ALASKA, BIRTH YEAR 1995 (BIRTH COHORT METHOD)

| N R C OF DECEDENT'S RESIDENCE | DECEDENT'S AGE | | TOTAL |
|-------------------------------|----------------|---------------|-----------|
| | NEONATAL | POST-NEONATAL | |
| AHTNA INC | 1 | | 1 |
| ARCTIC SLOPE CORP. | | 2 | 2 |
| BRISTOL BAY CORP. | 2 | | 2 |
| CALISTA CORP. | 4 | 2 | 6 |
| CHUGACH NATIVES INC | 1 | 1 | 2 |
| COOK INLET REG CORP | 29 | 17 | 46 |
| DOYON LTD | 9 | 8 | 17 |
| KONIAG INC. | 1 | | 1 |
| SEALASKA CORP. | 3 | 3 | 6 |
| TOTAL | 50 | 33 | 83 |

TABLE 2.5C INFANT DEATHS BY RACE, SEX, AND AGE OF DECEDENT, ALASKA, BIRTH YEAR 1995 (BIRTH COHORT METHOD)

| DECEDENT'S RACE | DECEDENT'S AGE | | TOTAL |
|-----------------|----------------|---------------|-----------|
| | NEONATAL | POST-NEONATAL | |
| WHITE | 26 | 18 | 44 |
| NATIVE | 16 | 9 | 25 |
| BLACK | 3 | 4 | 7 |
| ASIAN/PI | 5 | 2 | 7 |
| TOTAL | 50 | 33 | 83 |
| SEX | | | |
| FEMALE | 21 | 10 | 31 |
| MALE | 29 | 23 | 52 |
| TOTAL | 50 | 33 | 83 |

Infant Mortality Rates by Race

Table 2.6 shows 5-year moving average infant mortality rates by race for the years 1992 through 1996. To ensure consistent reporting and calculation of rates by race, all death certificates for decedents who were born in Alaska in 1989 or later are matched with the birth certificate and the child's race at birth is used for calculating deaths and death rates by race.

Alaska Bureau of Vital Statistics (continued) FETAL AND INFANT DEATHS

TABLE 2.6A BIRTHS AND INFANT DEATHS (DEATH COHORT METHOD) BY DEATH YEAR AND FIVE-YEAR MOVING AVERAGE INFANT MORTALITY RATES BY RACE, ALASKA, 1992-1996

| RACE | 1992 | | | 1993 | | | 1994 | | | 1995 | | | 1996 | | |
|----------|--------|------|-----------|--------|------|-----------|--------|------|-----------|--------|------|-----------|--------|------|-----------|
| | BTHS | DTHS | 5-YR RATE |
| | | | 1988-1992 | | | 1989-1993 | | | 1990-1994 | | | 1991-1995 | | | 1992-1996 |
| WHITE | 7,920 | 58 | 7.9 | 7,511 | 46 | 7.2 | 7,293 | 51 | 7.2 | 6,970 | 44 | 6.9 | 6,692 | 39 | 6.5 |
| NATIVE | 2,697 | 32 | 15.0 | 2,461 | 29 | 14.2 | 2,346 | 27 | 13.0 | 2,303 | 22 | 11.7 | 2,406 | 24 | 11.0 |
| BLACK | 538 | 7 | 15.7 | 584 | 11 | 14.4 | 494 | 2 | 13.1 | 448 | 11 | 14.7 | 435 | 7 | 15.2 |
| ASIAN/PI | 553 | 3 | 5.9 | 517 | 4 | 6.1 | 468 | 2 | 6.9 | 485 | 4 | 6.0 | 491 | 2 | 6.0 |
| UNKN | 19 | | | 16 | | | 81 | | | 16 | 1 | 6.9 | 17 | | 6.7 |
| TOTAL | 11,727 | 100 | 9.8 | 11,089 | 90 | 9.1 | 10,682 | 82 | 8.8 | 10,222 | 82 | 8.3 | 10,041 | 72 | 7.9 |

TABLE 2.6B INFANT DEATHS (DEATH COHORT METHOD) BY DEATH YEAR, BIRTH WEIGHT, AND AGE AT DEATH (NEONATAL OR POST-NEONATAL), AND INFANTS SURVIVING FIRST YEAR OF LIFE BY BIRTH YEAR AND BIRTH WEIGHT, 1987-1996

| YEAR | BIRTH WEIGHT IN GRAMS | | | | | | | | | | | | | | | | | | | | | TOTAL |
|------|-----------------------|-----|-----|---------|-----|-----|-----------|-----|-----|-----------|-----|-----|-----------|-----|-------|-------|-----|-------|---------|-----|-----|--------|
| | <500 | | | 500-999 | | | 1000-1499 | | | 1500-2499 | | | 2500-3999 | | | 4000+ | | | UNKNOWN | | | |
| | AGE | | | AGE | | | AGE | | | AGE | | | AGE | | | AGE | | | | | | |
| | NN* | PNN | SUR | NN | PNN | SUR | NN | PNN | SUR | NN | PNN | SUR | NN | PNN | SUR | NN | PNN | SUR | NN | PNN | SUR | |
| 1987 | 6 | | | 18 | 1 | 25 | 9 | | 46 | 10 | 2 | 444 | 14 | 49 | 9,260 | 2 | 6 | 1,775 | 2 | 1 | 12 | 11,682 |
| 1988 | 14 | | 1 | 18 | 8 | 22 | 6 | 6 | 47 | 4 | 6 | 425 | 13 | 43 | 8,929 | | 8 | 1,725 | 4 | 3 | 5 | 11,287 |
| 1989 | 7 | | | 14 | 2 | 25 | 9 | 4 | 40 | 6 | 7 | 459 | 12 | 38 | 9,178 | | 5 | 1,827 | 3 | 2 | 21 | 11,659 |
| 1990 | 5 | | | 17 | 1 | 38 | 8 | 1 | 43 | 9 | 9 | 444 | 20 | 48 | 9,394 | | 3 | 1,856 | 1 | 3 | 1 | 11,901 |
| 1991 | 13 | | 2 | 9 | 2 | 22 | 3 | | 44 | 7 | 8 | 432 | 8 | 41 | 9,227 | 1 | 9 | 1,853 | 1 | 4 | 2 | 11,688 |
| 1992 | 3 | | | 13 | 1 | 28 | 6 | 2 | 57 | 5 | 6 | 453 | 18 | 38 | 9,207 | | 5 | 1,871 | 1 | 2 | 11 | 11,727 |
| 1993 | 4 | | 1 | 14 | 1 | 22 | 3 | 3 | 52 | 7 | 5 | 435 | 12 | 29 | 8,729 | 3 | 1 | 1,745 | 7 | 1 | 15 | 11,089 |
| 1994 | 5 | | 2 | 9 | 2 | 28 | 4 | 1 | 57 | 2 | 5 | 473 | 8 | 37 | 8,303 | | 4 | 1,705 | 5 | | 32 | 10,682 |
| 1995 | 7 | | 2 | 14 | | 17 | 6 | 3 | 46 | 6 | 4 | 436 | 13 | 22 | 8,057 | 2 | | 1,553 | 2 | 3 | 29 | 10,222 |
| 1996 | 8 | | 1 | 10 | 1 | 30 | 1 | 1 | 46 | 5 | 3 | 444 | 8 | 24 | 7,895 | 2 | 6 | 1,541 | 1 | 2 | 12 | 10,041 |

* NN = Neonatal death; PNN = Post-neonatal death; SUR = survived first year of life.

Infant Deaths by Cause of Death

Although the same coding system (ICD9) is used in reporting causes of death for infants and the general population, the codes are grouped differently since causes of death for infants up to one year of age generally differ from those in the general population. For specific causes of death for infant mortality refer to Appendix C, Table C.3.

Certain causes of death are associated with factors such as age and birth weight. For instance, Sudden Infant Death Syndrome (SIDS) almost always occurs in the postneonatal period. Respiratory Distress Syndrome generally occurs only in low birth weight infants. The single greatest cause of infant death in Alaska is Sudden Infant Death Syndrome. In the five-year period from 1992 through 1996, 107 infants were reported to have died of SIDS, a rate of 2.0 per thousand live births. This compares with a rate of 0.7 per thousand live births for the United States in 1996.⁴ The United States rate for SIDS deaths dropped 32.5% since 1994 when the rate was 1.1 deaths per thousand live births.

⁴ National Center for Health Statistics, U.S. Department of Health and Human Services, "Births and Deaths: United States, 1996," *Monthly Vital Statistics Report*, Vol. 46, No. 1(S2), September 11, 1997, Table 15, p.29.

FETAL AND INFANT DEATHS (continued) Alaska Bureau of Vital Statistics

Because of its mysterious nature, Sudden Infant Death Syndrome can never be positively determined; rather, it is a diagnosis which occurs after other causes of death have been ruled out. What we can say about SIDS is that it affects normally healthy, sleeping infants under one year of age. One potential risk factor for SIDS is putting infants to sleep on their stomachs (the prone position).⁵

TABLE 2.7 INFANT DEATHS BY SELECTED CAUSES OF DEATH AND AGE, ALASKA, 1996 (DEATH COHORT METHOD)

| CAUSE OF DEATH | AGE AT DEATH | | |
|--|--------------|---------------|-------|
| | NEONATAL | POST-NEONATAL | TOTAL |
| SEPTICEMIA | | 1 | 1 |
| MENINGITIS | | 1 | 1 |
| PNEUMONIA & INFLUENZA | 2 | 1 | 3 |
| CONGENITAL ANOMALIES | 11 | 5 | 16 |
| MATERNAL CONDITIONS (UNRELATED TO PRESENT PREGNANCY) | 1 | 1 | 2 |
| MATERNAL COMPLICATIONS OF PREGNANCY | 5 | | 5 |
| PLACENTA, CORD, AND MEMBRANE COMPLICATIONS | 2 | | 2 |
| SHORT GESTATION & LOW BIRTHWEIGHT RELATED DISORDERS | 3 | | 3 |
| INTRAUTERINE HYPOXIA & BIRTH ASPHYXIA | 2 | | 2 |
| RESPIRATORY DISTRESS SYNDROME | 1 | | 1 |
| HEMORRHAGIC DISEASE OF NEWBORN | 1 | | 1 |
| SIDS | 1 | 15 | 16 |
| ACCIDENTS & ADVERSE EFFECTS | | 7 | 7 |
| ALL OTHER CAUSES | 6 | 6 | 12 |
| TOTAL | 35 | 37 | 72 |

TABLE 2.8 INFANT DEATHS BY SELECTED CAUSES OF DEATH AND RACE, ALASKA, 1996 (DEATH COHORT METHOD)

| CAUSE OF DEATH | RACE | | | | TOTAL |
|--|-------|--------|-------|-------|-------|
| | WHITE | NATIVE | BLACK | AS/PI | |
| SEPTICEMIA | | 1 | | | 1 |
| MENINGITIS | | 1 | | | 1 |
| PNEUMONIA & INFLUENZA | 1 | 2 | | | 3 |
| CONGENITAL ANOMALIES | 10 | 5 | 1 | | 16 |
| MATERNAL CONDITIONS (UNRELATED TO PRESENT PREGNANCY) | 2 | | | | 2 |
| MATERNAL COMPLICATIONS OF PREGNANCY | 2 | | 3 | | 5 |
| PLACENTA, CORD, AND MEMBRANE COMPLICATIONS | 1 | 1 | | | 2 |
| SHORT GESTATION & LOW BIRTHWEIGHT RELATED DISORDERS | 2 | 1 | | | 3 |
| INTRAUTERINE HYPOXIA & BIRTH ASPHYXIA | 1 | 1 | | | 2 |
| RESPIRATORY DISTRESS SYNDROME | 1 | | | | 1 |
| HEMORRHAGIC DISEASE OF NEWBORN | 1 | | | | 1 |
| SIDS | 9 | 5 | | 2 | 16 |
| ACCIDENTS & ADVERSE EFFECTS | 5 | 2 | | | 7 |
| ALL OTHER CAUSES | 4 | 6 | 1 | 1 | 12 |
| TOTAL | 39 | 25 | 5 | 3 | 72 |

5 Willinger, Marian, Ph.D., Hoffman, H., M.A., and Hartford, R., Ph.D., "Infant Sleep Position and Risk for Sudden Infant Death Syndrome: Report of Meeting Held January 13 and 14, 1994, National Institutes of Health, Bethesda, MD," Pediatrics, Vol. 93, No. 5, May 1994, p. 814.