

**TABLE 1B-33
SELECTED CHARACTERISTICS OF BIRTHS BY BIRTHWEIGHT AND GESTATIONAL AGE, ARIZONA, 2009**

| | | TOTAL | Weight at birth | | | Length of gestation | | | |
|---------------------------|-------------------|--------|-----------------|--------------|---------|---------------------|-------------|-----------|---------|
| | | | <2,500 grams | 2,500+ grams | Unknown | <37 weeks | 37-41 weeks | 42+ weeks | Unknown |
| TOTAL | | 92,616 | 6,573 | 86,024 | 19 | 9,295 | 82,978 | 317 | 26 |
| Mother's age group | <15 | 132 | 12 | 120 | 0 | 8 | 123 | 1 | 0 |
| | 15-17 | 3,501 | 265 | 3,236 | 0 | 342 | 3,144 | 13 | 2 |
| | 18-19 | 7,319 | 583 | 6,732 | 4 | 690 | 6,599 | 26 | 4 |
| | 20-24 | 23,874 | 1,618 | 22,253 | 3 | 2,270 | 21,522 | 76 | 6 |
| | 25-29 | 26,440 | 1,638 | 24,795 | 7 | 2,442 | 23,903 | 88 | 7 |
| | 30-34 | 19,732 | 1,441 | 18,288 | 3 | 2,037 | 17,617 | 74 | 4 |
| | 35-39 | 9,431 | 791 | 8,638 | 2 | 1,171 | 8,225 | 32 | 3 |
| | 40-44 | 2,008 | 180 | 1,828 | 0 | 276 | 1,726 | 6 | 0 |
| | 45+ | 170 | 44 | 126 | 0 | 58 | 111 | 1 | 0 |
| | Unknown | 9 | 1 | 8 | 0 | 1 | 8 | 0 | 0 |
| Payee for birth | AHCCCS | 49,538 | 3,611 | 45,918 | 9 | 5,052 | 44,280 | 196 | 10 |
| | IHS | 1,683 | 76 | 1,607 | 0 | 125 | 1,543 | 14 | 1 |
| | Private insurance | 37,941 | 2,635 | 35,304 | 2 | 3,772 | 34,083 | 84 | 2 |
| | Self | 2,467 | 159 | 2,305 | 3 | 210 | 2,235 | 17 | 5 |
| | Unknown | 987 | 92 | 890 | 5 | 136 | 837 | 6 | 8 |
| Mother's education | <8 | 3,534 | 215 | 3,318 | 1 | 341 | 3,173 | 19 | 1 |
| | 8 | 2,128 | 158 | 1,969 | 1 | 224 | 1,889 | 13 | 2 |
| | 9-11 | 16,493 | 1,190 | 15,299 | 4 | 1,672 | 14,749 | 66 | 6 |
| | 12 | 28,319 | 2,090 | 26,225 | 4 | 2,905 | 25,316 | 90 | 8 |
| | 13-16 | 32,955 | 2,243 | 30,707 | 5 | 3,255 | 29,594 | 101 | 5 |
| | 17+ | 8,507 | 618 | 7,889 | 0 | 804 | 7,675 | 28 | 0 |
| | Unknown | 680 | 59 | 617 | 4 | 94 | 582 | 0 | 4 |
| Marital status | Married | 49,748 | 3,281 | 46,459 | 8 | 4,767 | 44,824 | 149 | 8 |
| | Unmarried | 41,856 | 3,185 | 38,660 | 11 | 4,373 | 37,298 | 167 | 18 |
| | Other/Unknown* | 1,012 | 107 | 905 | 0 | 155 | 856 | 1 | 0 |
| Weight gain | None | 1,806 | 244 | 1,561 | 1 | 300 | 1,494 | 8 | 4 |
| | 1-15 pounds | 11,150 | 1,228 | 9,914 | 8 | 1,596 | 9,522 | 32 | 0 |
| | 16-20 pounds | 11,936 | 1,045 | 10,891 | 0 | 1,453 | 10,416 | 65 | 2 |
| | 21-24 pounds | 6,746 | 512 | 6,233 | 1 | 699 | 6,031 | 15 | 1 |
| | 25-30 pounds | 22,362 | 1,344 | 21,015 | 3 | 1,947 | 20,341 | 68 | 6 |
| | 31+ pounds | 38,141 | 2,142 | 35,998 | 1 | 3,224 | 34,787 | 127 | 3 |
| | Unknown | 475 | 58 | 412 | 5 | 76 | 387 | 2 | 10 |

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|-------------------------------|---------------------------------|--------|-----------------|--------------|---------|---------------------|-------------|-----------|---------|
| | | | <2,500 grams | 2,500+ grams | Unknown | <37 weeks | 37-41 weeks | 42+ weeks | Unknown |
| Substance use | Drinker, nonsmoker | 277 | 22 | 255 | 0 | 24 | 251 | 2 | 0 |
| | Smoker, nondrinker | 4,262 | 476 | 3,784 | 2 | 520 | 3,729 | 12 | 1 |
| | Smoker and drinker | 199 | 30 | 168 | 1 | 32 | 167 | 0 | 0 |
| | Nonsmoker and nondrinker | 87,878 | 6,045 | 81,817 | 16 | 8,719 | 78,831 | 303 | 25 |
| Prenatal care | No care | 1,702 | 236 | 1,463 | 3 | 370 | 1,306 | 17 | 9 |
| | 1st trimester | 74,331 | 5,298 | 69,024 | 9 | 7,502 | 66,609 | 213 | 7 |
| | 2nd trimester | 13,298 | 847 | 12,448 | 3 | 1,128 | 12,101 | 67 | 2 |
| | 3rd trimester | 3,133 | 169 | 2,964 | 0 | 264 | 2,850 | 19 | 0 |
| | Unknown | 152 | 23 | 125 | 4 | 31 | 112 | 1 | 8 |
| Prenatal visits | No visits | 1,702 | 236 | 1,463 | 3 | 370 | 1,306 | 17 | 9 |
| | 1-4 visits | 3,213 | 498 | 2,707 | 8 | 652 | 2,531 | 29 | 1 |
| | 5-8 visits | 14,484 | 1,592 | 12,892 | 0 | 2,241 | 12,193 | 49 | 1 |
| | 9-12 visits | 45,278 | 2,525 | 42,748 | 5 | 3,665 | 41,490 | 119 | 4 |
| | 13+ visits | 27,754 | 1,690 | 26,064 | 0 | 2,326 | 25,325 | 102 | 1 |
| | Unknown | 185 | 32 | 150 | 3 | 41 | 133 | 1 | 10 |
| Newborn intensive care | Yes | 5,773 | 2,682 | 3,090 | 1 | 3,280 | 2,478 | 13 | 2 |
| | No | 86,764 | 3,883 | 82,866 | 15 | 6,004 | 80,436 | 304 | 20 |
| | Unknown | 79 | 8 | 68 | 3 | 11 | 64 | 0 | 4 |
| Obstetric procedures | Amniocentesis | 511 | 97 | 414 | 0 | 152 | 358 | 1 | 0 |
| | Electro. Fetal Monit. | 86,576 | 6,203 | 80,363 | 10 | 8,831 | 77,454 | 285 | 6 |
| | Induction of labor | 20,329 | 998 | 19,329 | 2 | 1,128 | 19,115 | 86 | 0 |
| | Stimulation of labor | 14,508 | 790 | 13,718 | 0 | 1,243 | 13,211 | 54 | 0 |
| | Tocolysis | 425 | 106 | 319 | 0 | 155 | 270 | 0 | 0 |
| | Ultrasound | 68,778 | 5,056 | 63,714 | 8 | 7,000 | 61,543 | 231 | 4 |
| | Other | 4,079 | 291 | 3,788 | 0 | 422 | 3,644 | 13 | 0 |
| Method of delivery | Vaginal | 66,172 | 3,475 | 62,681 | 16 | 5,181 | 60,744 | 227 | 20 |
| | Vaginal after C-Section | 754 | 47 | 707 | 0 | 76 | 673 | 5 | 0 |
| | Primary C-Section | 13,841 | 2,205 | 11,635 | 1 | 2,646 | 11,124 | 69 | 2 |
| | Repeat C-Section | 11,847 | 846 | 11,001 | 0 | 1,392 | 10,437 | 16 | 2 |
| | Forceps | 396 | 13 | 383 | 0 | 26 | 369 | 1 | 0 |
| | Vacuum | 2,744 | 107 | 2,637 | 0 | 130 | 2,601 | 13 | 0 |

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| | | TOTAL | Weight at birth | | | Length of gestation | | | |
|---|---------------------------------|--------|-----------------|--------------|---------|---------------------|-------------|-----------|---------|
| | | | <2,500 grams | 2,500+ grams | Unknown | <37 weeks | 37-41 weeks | 42+ weeks | Unknown |
| Births with medical risk factors | Total | 30,992 | 3,473 | 27,511 | 8 | 4,836 | 26,058 | 94 | 4 |
| | Anemia | 3,310 | 289 | 3,021 | 0 | 416 | 2,882 | 12 | 0 |
| | Cardiac disease | 176 | 25 | 151 | 0 | 28 | 148 | 0 | 0 |
| | Lung disease | 693 | 60 | 632 | 1 | 87 | 605 | 1 | 0 |
| | Diabetes | 3,584 | 292 | 3,292 | 0 | 600 | 2,977 | 7 | 0 |
| | Genital herpes | 918 | 68 | 850 | 0 | 104 | 812 | 2 | 0 |
| | Hydramnios | 1,133 | 234 | 899 | 0 | 268 | 862 | 3 | 0 |
| | Hemoglobinopathy | 10 | 0 | 10 | 0 | 1 | 9 | 0 | 0 |
| | Chronic hypertension | 748 | 141 | 607 | 0 | 193 | 553 | 2 | 0 |
| | hypertension | 3,347 | 695 | 2,651 | 1 | 904 | 2,441 | 2 | 0 |
| | Eclampsia | 695 | 238 | 457 | 0 | 285 | 410 | 0 | 0 |
| | Previous infant 4000+g | 262 | 8 | 254 | 0 | 14 | 244 | 4 | 0 |
| | Previous SGA infant | 648 | 140 | 508 | 0 | 210 | 438 | 0 | 0 |
| | Renal disease | 79 | 12 | 67 | 0 | 17 | 62 | 0 | 0 |
| | RH sensitization | 139 | 7 | 132 | 0 | 13 | 126 | 0 | 0 |
| | Uterine bleeding | 288 | 45 | 241 | 2 | 67 | 218 | 3 | 0 |
| Incompetent cervix | 157 | 50 | 106 | 1 | 70 | 87 | 0 | 0 | |
| Other | 21,984 | 2,493 | 19,484 | 7 | 3,410 | 18,497 | 73 | 4 | |
| Abnormal conditions of the newborn | Total | 7,059 | 1,970 | 5,083 | 6 | 2,450 | 4,585 | 23 | 1 |
| | Anemia | 32 | 9 | 23 | 0 | 6 | 26 | 0 | 0 |
| | Birth injury | 67 | 2 | 65 | 0 | 5 | 61 | 1 | 0 |
| | Fetal Alcohol Syndrome | 3 | 0 | 3 | 0 | 0 | 3 | 0 | 0 |
| | Membrane disease | 478 | 231 | 247 | 0 | 306 | 172 | 0 | 0 |
| | Meconium aspiration | 47 | 3 | 44 | 0 | 2 | 43 | 2 | 0 |
| | Assisted vent <30 min | 1,074 | 115 | 959 | 0 | 167 | 905 | 2 | 0 |
| | Assisted vent >30 min | 356 | 157 | 199 | 0 | 173 | 181 | 2 | 0 |
| | Newborn seizures | 93 | 4 | 89 | 0 | 10 | 83 | 0 | 0 |
| | Other | 5,909 | 1,775 | 4,128 | 6 | 2,197 | 3,693 | 18 | 1 |
| Births with congenital anomalies | Total | 600 | 149 | 450 | 1 | 173 | 421 | 6 | 0 |
| | Anencephalus | 5 | 4 | 1 | 0 | 3 | 0 | 2 | 0 |
| | Spina Bifida | 10 | 1 | 9 | 0 | 2 | 8 | 0 | 0 |
| | Hydrocephalus | 8 | 3 | 5 | 0 | 5 | 3 | 0 | 0 |
| | Microcephalus | 3 | 3 | 0 | 0 | 3 | 0 | 0 | 0 |
| | Other CNS Anomaly | 16 | 3 | 13 | 0 | 2 | 12 | 2 | 0 |
| | Heart Malformations | 60 | 10 | 50 | 0 | 14 | 46 | 0 | 0 |

**TABLE 1B-33
SELECTED CHARACTERISTICS OF BIRTHS BY BIRTHWEIGHT AND GESTATIONAL AGE, ARIZONA, 2009**

| | TOTAL | Weight at birth | | | Length of gestation | | | |
|----------------------------------|--------|-----------------|--------------|---------|---------------------|-------------|-----------|---------|
| | | <2,500 grams | 2,500+ grams | Unknown | <37 weeks | 37-41 weeks | 42+ weeks | Unknown |
| Other Resp./Circulatory | 132 | 52 | 79 | 1 | 63 | 69 | 0 | 0 |
| Rectal Atresia | 4 | 0 | 4 | 0 | 0 | 4 | 0 | 0 |
| Fistula/Esoph. Atresia | 5 | 2 | 3 | 0 | 3 | 2 | 0 | 0 |
| Omphalocele | 38 | 21 | 17 | 0 | 19 | 19 | 0 | 0 |
| Other Gastrointestinal | 17 | 7 | 10 | 0 | 8 | 9 | 0 | 0 |
| Malformed Genitalia | 15 | 3 | 12 | 0 | 1 | 14 | 0 | 0 |
| Renal Agenesis | 8 | 2 | 6 | 0 | 4 | 4 | 0 | 0 |
| Other Urogenital | 23 | 4 | 19 | 0 | 4 | 19 | 0 | 0 |
| Cleft Lip/Palate | 62 | 10 | 52 | 0 | 11 | 51 | 0 | 0 |
| Polydactyly | 25 | 2 | 23 | 0 | 3 | 22 | 0 | 0 |
| Club Foot | 53 | 4 | 49 | 0 | 7 | 46 | 0 | 0 |
| Diaphragmatic Hernia | 4 | 0 | 4 | 0 | 0 | 3 | 1 | 0 |
| Other Muscoskeletal | 25 | 5 | 20 | 0 | 6 | 19 | 0 | 0 |
| Down Syndrome | 41 | 6 | 35 | 0 | 6 | 35 | 0 | 0 |
| Other Chromosomal | 35 | 13 | 22 | 0 | 11 | 24 | 0 | 0 |
| Other | 70 | 14 | 56 | 0 | 17 | 51 | 2 | 0 |
| Births with complications | | | | | | | | |
| Total | 25,707 | 3,049 | 22,649 | 9 | 3,967 | 21,625 | 111 | 4 |
| Febrile | 1,471 | 58 | 1,413 | 0 | 99 | 1,366 | 6 | 0 |
| Meconium | 3,675 | 130 | 3,545 | 0 | 156 | 3,486 | 32 | 1 |
| Rupture of membrane | 1,351 | 506 | 843 | 2 | 761 | 589 | 1 | 0 |
| Abruption placenta | 391 | 149 | 242 | 0 | 182 | 208 | 1 | 0 |
| Placenta previa | 321 | 91 | 230 | 0 | 143 | 177 | 1 | 0 |
| Other bleeding | 342 | 43 | 299 | 0 | 51 | 290 | 1 | 0 |
| Seizures | 29 | 4 | 25 | 0 | 9 | 20 | 0 | 0 |
| Precipitous labor | 854 | 76 | 778 | 0 | 99 | 752 | 3 | 0 |
| Prolonged labor | 645 | 43 | 602 | 0 | 59 | 577 | 9 | 0 |
| Dysfunctional labor | 1,517 | 110 | 1,407 | 0 | 135 | 1,370 | 12 | 0 |
| Breech malpresentation | 2,668 | 676 | 1,990 | 2 | 857 | 1,807 | 4 | 0 |
| Cephalopelvic disp. | 438 | 5 | 433 | 0 | 17 | 420 | 1 | 0 |
| Cord prolapse | 97 | 28 | 68 | 1 | 30 | 66 | 1 | 0 |
| Anesthetic complications | 57 | 5 | 52 | 0 | 8 | 47 | 1 | 1 |
| Fetal distress | 4,288 | 656 | 3,632 | 0 | 717 | 3,552 | 19 | 0 |
| Other | 13,860 | 1,414 | 12,440 | 6 | 1,818 | 11,986 | 53 | 3 |

* "Refused", "Yes, divorced", "Unknown"