

**TABLE 1B-32
SELECTED CHARACTERISTICS OF NEWBORNS AND WOMEN GIVING BIRTH BY LEVEL OF PRENATAL CARE, ARIZONA, 2009**

| | TOTAL | Prenatal care | | | | | Visits | | |
|---------------------------|--------|---------------|---------------|---------------|---------------|---------|-------------|-----------|---------|
| | | No care | 1st trimester | 2nd trimester | 3rd trimester | Unknown | Less than 5 | 5 or more | Unknown |
| TOTAL | 92,616 | 1,702 | 74,331 | 13,298 | 3,133 | 152 | 4,915 | 87,516 | 185 |
| Mother's age group | | | | | | | | | |
| <15 | 132 | 7 | 74 | 36 | 15 | 0 | 21 | 111 | 0 |
| 15-17 | 3,501 | 120 | 2,229 | 925 | 220 | 7 | 337 | 3,156 | 8 |
| 18-19 | 7,319 | 222 | 5,134 | 1,582 | 367 | 14 | 595 | 6,707 | 17 |
| 20-24 | 23,874 | 518 | 18,162 | 4,203 | 943 | 48 | 1,517 | 22,300 | 57 |
| 25-29 | 26,440 | 397 | 22,008 | 3,212 | 776 | 47 | 1,181 | 25,204 | 55 |
| 30-34 | 19,732 | 249 | 16,934 | 2,028 | 502 | 19 | 751 | 18,953 | 28 |
| 35-39 | 9,431 | 157 | 8,004 | 1,014 | 241 | 15 | 406 | 9,008 | 17 |
| 40-44 | 2,008 | 28 | 1,634 | 280 | 64 | 2 | 98 | 1,907 | 3 |
| 45+ | 170 | 3 | 145 | 17 | 5 | 0 | 7 | 163 | 0 |
| Unknown | 9 | 1 | 7 | 1 | 0 | 0 | 2 | 7 | 0 |
| Payee for birth | | | | | | | | | |
| AHCCCS | 49,538 | 1,239 | 35,931 | 10,053 | 2,223 | 92 | 3,640 | 45,792 | 106 |
| IHS | 1,683 | 33 | 1,011 | 493 | 143 | 3 | 222 | 1,457 | 4 |
| Private insurance | 37,941 | 109 | 35,136 | 2,227 | 443 | 26 | 488 | 37,423 | 30 |
| Self | 2,467 | 277 | 1,642 | 372 | 163 | 13 | 462 | 1,989 | 16 |
| Unknown | 987 | 44 | 611 | 153 | 161 | 18 | 103 | 855 | 29 |
| Mother's education | | | | | | | | | |
| <8 | 3,534 | 170 | 2,333 | 831 | 191 | 9 | 366 | 3,159 | 9 |
| 8 | 2,128 | 126 | 1,316 | 512 | 170 | 4 | 308 | 1,815 | 5 |
| 9-11 | 16,493 | 555 | 11,273 | 3,706 | 927 | 32 | 1,606 | 14,847 | 40 |
| 12 | 28,319 | 593 | 22,022 | 4,626 | 1,027 | 51 | 1,601 | 26,651 | 67 |
| 13-16 | 32,955 | 181 | 29,032 | 3,041 | 662 | 39 | 814 | 32,097 | 44 |
| 17+ | 8,507 | 30 | 7,907 | 463 | 102 | 5 | 119 | 8,381 | 7 |
| Unknown | 680 | 47 | 448 | 119 | 54 | 12 | 101 | 566 | 13 |
| Marital status | | | | | | | | | |
| Married | 49,748 | 412 | 43,356 | 4,831 | 1,090 | 59 | 1,377 | 48,302 | 69 |
| Unmarried | 41,856 | 1,252 | 30,238 | 8,289 | 1,989 | 88 | 3,437 | 38,308 | 111 |
| Other/Unknown* | 1,012 | 38 | 737 | 178 | 54 | 5 | 101 | 906 | 5 |
| Weight gain | | | | | | | | | |
| None | 1,806 | 154 | 1,179 | 301 | 115 | 57 | 302 | 1,444 | 60 |
| 1-15 pounds | 11,150 | 292 | 8,164 | 2,011 | 671 | 12 | 1,101 | 10,036 | 13 |
| 16-20 pounds | 11,936 | 314 | 9,119 | 2,037 | 456 | 10 | 803 | 11,119 | 14 |
| 21-24 pounds | 6,746 | 88 | 5,435 | 1,024 | 197 | 2 | 295 | 6,449 | 2 |
| 25-30 pounds | 22,362 | 375 | 18,314 | 3,003 | 650 | 20 | 992 | 21,345 | 25 |
| 31+ pounds | 38,141 | 390 | 31,888 | 4,838 | 1,004 | 21 | 1,288 | 36,821 | 32 |
| Unknown | 475 | 89 | 232 | 84 | 40 | 30 | 134 | 302 | 39 |

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|------------------------|--------------------------|--------|---------------|---------------|---------------|---------------|---------|-------------|-----------|---------|
| | | | No care | 1st trimester | 2nd trimester | 3rd trimester | Unknown | Less than 5 | 5 or more | Unknown |
| Substance use | Drinker, nonsmoker | 277 | 14 | 205 | 41 | 16 | 1 | 31 | 244 | 2 |
| | Smoker, nondrinker | 4,262 | 170 | 2,956 | 882 | 237 | 17 | 452 | 3,790 | 20 |
| | Smoker and drinker | 199 | 19 | 108 | 50 | 20 | 2 | 43 | 154 | 2 |
| | Nonsmoker and nondrinker | 87,878 | 1,499 | 71,062 | 12,325 | 2,860 | 132 | 4,389 | 83,328 | 161 |
| Length of gestation | <37 weeks | 9,295 | 370 | 7,502 | 1,128 | 264 | 31 | 1,022 | 8,232 | 41 |
| | 37-41 weeks | 82,978 | 1,306 | 66,609 | 12,101 | 2,850 | 112 | 3,837 | 79,008 | 133 |
| | 42+ weeks | 317 | 17 | 213 | 67 | 19 | 1 | 46 | 270 | 1 |
| | Unknown | 26 | 9 | 7 | 2 | 0 | 8 | 10 | 6 | 10 |
| Weight at birth | <1,000 grams | 523 | 35 | 439 | 44 | 1 | 4 | 179 | 340 | 4 |
| | 1,000-1,499 | 577 | 31 | 486 | 48 | 10 | 2 | 85 | 489 | 3 |
| | 1,500-2,499 | 5,473 | 170 | 4,373 | 755 | 158 | 17 | 470 | 4,978 | 25 |
| | 2,500-3,999 | 79,423 | 1,346 | 63,586 | 11,618 | 2,755 | 118 | 3,912 | 75,369 | 142 |
| | 4000+ grams | 6,601 | 117 | 5,438 | 830 | 209 | 7 | 258 | 6,335 | 8 |
| | Unknown | 19 | 3 | 9 | 3 | 0 | 4 | 11 | 5 | 3 |
| Newborn intensive care | Yes | 5,773 | 237 | 4,659 | 700 | 143 | 34 | 594 | 5,142 | 37 |
| | No | 86,764 | 1,465 | 69,623 | 12,578 | 2,984 | 114 | 4,315 | 82,305 | 144 |
| | Unknown | 79 | 0 | 49 | 20 | 6 | 4 | 6 | 69 | 4 |
| Obstetric procedures | Amniocentesis | 511 | 6 | 462 | 34 | 9 | 0 | 16 | 494 | 1 |
| | Electro. Fetal Monit. | 86,576 | 1,548 | 69,821 | 12,314 | 2,772 | 121 | 4,396 | 82,044 | 136 |
| | Induction of labor | 20,329 | 124 | 16,934 | 2,694 | 560 | 17 | 531 | 19,780 | 18 |
| | Stimulation of labor | 14,508 | 250 | 11,795 | 2,043 | 404 | 16 | 668 | 13,823 | 17 |
| | Tocolysis | 425 | 5 | 367 | 46 | 7 | 0 | 16 | 409 | 0 |
| | Ultrasound | 68,778 | 1,061 | 55,315 | 9,980 | 2,311 | 111 | 3,479 | 65,176 | 123 |
| | Other | 4,079 | 85 | 3,074 | 763 | 156 | 1 | 306 | 3,771 | 2 |
| Method of delivery | Vaginal | 66,172 | 1,351 | 52,384 | 9,968 | 2,360 | 109 | 3,686 | 62,352 | 134 |
| | Vaginal after C-Section | 754 | 17 | 577 | 115 | 43 | 2 | 63 | 688 | 3 |
| | Primary C-Section | 13,841 | 171 | 11,667 | 1,632 | 346 | 25 | 563 | 13,250 | 28 |
| | Repeat C-Section | 11,847 | 163 | 9,703 | 1,583 | 384 | 14 | 603 | 11,226 | 18 |
| | Forceps | 396 | 2 | 321 | 61 | 11 | 1 | 11 | 384 | 1 |
| | Vacuum | 2,744 | 33 | 2,198 | 429 | 82 | 2 | 125 | 2,614 | 5 |

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| | TOTAL | Prenatal care | | | | | Visits | | | |
|---|-----------------------------------|---------------|---------------|---------------|---------------|---------|-------------|-----------|---------|----|
| | | No care | 1st trimester | 2nd trimester | 3rd trimester | Unknown | Less than 5 | 5 or more | Unknown | |
| Births with medical risk factors | Total | 30,992 | 912 | 23,645 | 4,862 | 1,510 | 63 | 2,573 | 28,349 | 70 |
| | Anemia | 3,310 | 75 | 2,561 | 537 | 136 | 1 | 218 | 3,090 | 2 |
| | Cardiac disease | 176 | 3 | 150 | 20 | 3 | 0 | 7 | 169 | 0 |
| | Lung disease | 693 | 12 | 592 | 73 | 16 | 0 | 31 | 662 | 0 |
| | Diabetes | 3,584 | 21 | 2,985 | 469 | 105 | 4 | 107 | 3,474 | 3 |
| | Genital herpes | 918 | 2 | 803 | 91 | 22 | 0 | 27 | 891 | 0 |
| | Hydramnios | 1,133 | 20 | 901 | 175 | 35 | 2 | 59 | 1,072 | 2 |
| | Hemoglobinopathy | 10 | 0 | 9 | 1 | 0 | 0 | 0 | 10 | 0 |
| | Chronic hypertension | 748 | 10 | 630 | 84 | 23 | 1 | 35 | 711 | 2 |
| | Pregnancy associated hypertension | 3,347 | 44 | 2,826 | 386 | 82 | 9 | 143 | 3,193 | 11 |
| | Eclampsia | 695 | 9 | 534 | 118 | 33 | 1 | 49 | 643 | 3 |
| | Previous infant 4000+g | 262 | 2 | 211 | 39 | 9 | 1 | 13 | 248 | 1 |
| | Previous SGA infant | 648 | 8 | 535 | 76 | 28 | 1 | 31 | 616 | 1 |
| | Renal disease | 79 | 0 | 63 | 12 | 4 | 0 | 4 | 75 | 0 |
| | RH sensitization | 139 | 1 | 131 | 6 | 1 | 0 | 1 | 138 | 0 |
| Uterine bleeding | 288 | 5 | 253 | 26 | 4 | 0 | 18 | 270 | 0 | |
| Incompetent cervix | 157 | 1 | 142 | 9 | 4 | 1 | 6 | 150 | 1 | |
| Other | 21,984 | 846 | 16,055 | 3,728 | 1,298 | 57 | 2,289 | 19,634 | 61 | |
| Abnormal conditions of the newborn | Total | 7,059 | 234 | 5,330 | 1,172 | 294 | 29 | 678 | 6,344 | 37 |
| | Anemia | 32 | 0 | 22 | 8 | 0 | 2 | 2 | 27 | 3 |
| | Birth injury | 67 | 0 | 54 | 11 | 2 | 0 | 1 | 66 | 0 |
| | Fetal Alcohol Syndrome | 3 | 0 | 3 | 0 | 0 | 0 | 0 | 3 | 0 |
| | Membrane disease | 478 | 13 | 413 | 43 | 5 | 4 | 38 | 435 | 5 |
| | Meconium aspiration | 47 | 0 | 36 | 9 | 2 | 0 | 1 | 46 | 0 |
| | Assisted vent <30 min | 1,074 | 24 | 784 | 213 | 49 | 4 | 81 | 989 | 4 |
| | Assisted vent >30 min | 356 | 18 | 252 | 52 | 28 | 6 | 53 | 294 | 9 |
| | Newborn seizures | 93 | 3 | 67 | 14 | 8 | 1 | 9 | 81 | 3 |
| | Other | 5,909 | 199 | 4,454 | 995 | 238 | 23 | 583 | 5,300 | 26 |
| Births with congenital anomalies | Total | 600 | 12 | 465 | 99 | 20 | 4 | 45 | 551 | 4 |
| | Anencephalus | 5 | 0 | 4 | 1 | 0 | 0 | 1 | 4 | 0 |
| | Spina Bifida | 10 | 0 | 9 | 1 | 0 | 0 | 1 | 9 | 0 |
| | Hydrocephalus | 8 | 0 | 6 | 2 | 0 | 0 | 0 | 8 | 0 |
| | Microcephalus | 3 | 0 | 2 | 1 | 0 | 0 | 0 | 3 | 0 |
| | Other CNS Anomaly | 16 | 2 | 6 | 5 | 3 | 0 | 4 | 12 | 0 |

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|----------------------------------|--------------------------|---------------|---------------|---------------|---------------|------------|-------------|--------------|---------------|-----------|
| | | No care | 1st trimester | 2nd trimester | 3rd trimester | Unknown | Less than 5 | 5 or more | Unknown | |
| Heart Malformations | 60 | 0 | 54 | 4 | 2 | 0 | 1 | 59 | 0 | |
| Other Resp./Circulatory | 132 | 7 | 94 | 24 | 3 | 4 | 21 | 107 | 4 | |
| Rectal Atresia | 4 | 0 | 2 | 2 | 0 | 0 | 0 | 4 | 0 | |
| Fistula/Esoph. Atresia | 5 | 0 | 4 | 1 | 0 | 0 | 0 | 5 | 0 | |
| Omphalocele | 38 | 0 | 29 | 7 | 2 | 0 | 1 | 37 | 0 | |
| Other Gastrointestinal | 17 | 0 | 14 | 2 | 1 | 0 | 0 | 17 | 0 | |
| Malformed Genitalia | 15 | 1 | 12 | 2 | 0 | 0 | 1 | 14 | 0 | |
| Renal Agenesis | 8 | 0 | 7 | 0 | 1 | 0 | 2 | 6 | 0 | |
| Other Urogenital | 23 | 0 | 18 | 2 | 3 | 0 | 4 | 19 | 0 | |
| Cleft Lip/Palate | 62 | 0 | 50 | 10 | 2 | 0 | 2 | 60 | 0 | |
| Polydactyly | 25 | 0 | 18 | 5 | 2 | 0 | 1 | 24 | 0 | |
| Club Foot | 53 | 0 | 46 | 6 | 1 | 0 | 0 | 53 | 0 | |
| Diaphragmatic Hernia | 4 | 0 | 3 | 1 | 0 | 0 | 0 | 4 | 0 | |
| Other Muscoskeletal | 25 | 1 | 18 | 5 | 1 | 0 | 2 | 23 | 0 | |
| Down Syndrome | 41 | 1 | 35 | 5 | 0 | 0 | 2 | 39 | 0 | |
| Other Chromosomal | 35 | 0 | 22 | 8 | 5 | 0 | 6 | 29 | 0 | |
| Other | 70 | 0 | 54 | 14 | 2 | 0 | 3 | 67 | 0 | |
| Births with complications | Total | 25,707 | 585 | 20,365 | 3,768 | 931 | 58 | 1,657 | 23,983 | 67 |
| | Febrile | 1,471 | 16 | 1,229 | 179 | 45 | 2 | 46 | 1,423 | 2 |
| | Meconium | 3,675 | 130 | 2,859 | 545 | 132 | 9 | 248 | 3,418 | 9 |
| | Rupture of membrane | 1,351 | 40 | 1,090 | 181 | 37 | 3 | 119 | 1,228 | 4 |
| | Abruption placenta | 391 | 18 | 288 | 67 | 17 | 1 | 59 | 330 | 2 |
| | Placenta previa | 321 | 3 | 272 | 35 | 9 | 2 | 15 | 304 | 2 |
| | Other bleeding | 342 | 9 | 287 | 41 | 5 | 0 | 15 | 327 | 0 |
| | Seizures | 29 | 1 | 20 | 6 | 2 | 0 | 3 | 26 | 0 |
| | Precipitous labor | 854 | 31 | 592 | 176 | 54 | 1 | 104 | 748 | 2 |
| | Prolonged labor | 645 | 9 | 554 | 63 | 18 | 1 | 23 | 621 | 1 |
| | Dysfunctional labor | 1,517 | 19 | 1,274 | 188 | 35 | 1 | 49 | 1,467 | 1 |
| | Breech malpresentation | 2,668 | 51 | 2,218 | 310 | 81 | 8 | 161 | 2,498 | 9 |
| | Cephalopelvic disp. | 438 | 4 | 359 | 65 | 10 | 0 | 14 | 424 | 0 |
| | Cord prolapse | 97 | 3 | 81 | 11 | 2 | 0 | 12 | 85 | 0 |
| | Anesthetic complications | 57 | 1 | 49 | 5 | 2 | 0 | 1 | 56 | 0 |
| | Fetal distress | 4,288 | 93 | 3,654 | 438 | 98 | 5 | 201 | 4,081 | 6 |
| | Other | 13,860 | 321 | 10,569 | 2,344 | 576 | 50 | 998 | 12,807 | 55 |

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