

Table 6B
2010 Pediatric Nutrition Surveillance (1)
California
Comparison of Growth and Anemia Indicators by County
Children Aged < 5 Years (2)

| Comparison of Growth and Anemia Indicators (3,4) | | | | | | | | | | | | |
|--|-----------------|------------------------|------------------------|-------------------------|------------------|-------------|-------------|------------------------------------|---------------------------|-----------------------------|--------|-------------|
| County | Birthweight (5) | | | Height and Weight (3,4) | | | | | | Anemia Low Hb/Hct (8) | | |
| | Low | High | | Short Stature | Under- weight | Obese | | ≥ 2 Yrs Overweight and Obese | | | (8) | |
| | Number | % <2500 g (Rank) | % >4000 g (Rank) | Number | % (Rank) | % (Rank) | % (Rank) | Number | % Overweight (Rank) | % Obese (Rank) | Number | % (Rank) |
| Alameda | 4,134 | 6.0 (32) | 8.8 (39) | 25,215 | 4.6 (26) | 4.0 (22) | 12.1 (31) | 8,071 | 16.0 (26) | 17.4 (40) | 5,056 | 13.9 (37) |
| Alpine | 17 | * * | * * | 87 | * * | * * | * * | 36 | * * | * * | 45 | * * |
| Amador | 50 | * * | * * | 807 | 4.8 (32) | 2.6 (2) | 11.5 (22) | 293 | 16.7 (44) | 17.7 (44) | 105 | 14.3 (42) |
| Butte | 2,255 | 4.9 (18) | 7.9 (32) | 9,132 | 4.0 (15) | 4.2 (24) | 11.1 (19) | 3,374 | 15.0 (12) | 14.1 (14) | 5,799 | 12.9 (27) |
| Calaveras | 177 | 4.0 (5) | 6.8 (16) | 1,449 | 4.2 (17) | 3.8 (20) | 13.3 (43) | 589 | 16.8 (45) | 17.0 (38) | 719 | 12.0 (18) |
| City Of Be | 19 | * * | * * | 102 | 7.8 (63) | 6.9 (55) | 9.8 (12) | 21 | * * | * * | 46 | * * |
| Colusa | 256 | 3.1 (3) | 9.4 (46) | 1,442 | 3.3 (5) | 4.2 (24) | 11.5 (22) | 457 | 17.1 (47) | 15.1 (21) | 625 | 20.3 (58) |
| Contra Cos | 2,867 | 6.5 (44) | 9.1 (43) | 12,001 | 4.4 (20) | 6.0 (52) | 10.1 (13) | 3,378 | 16.0 (26) | 14.8 (19) | 2,269 | 11.2 (13) |
| Del Norte | 139 | 2.9 (2) | 11.5 (55) | 691 | 4.2 (17) | 3.9 (21) | 16.6 (62) | 321 | 20.9 (60) | 16.5 (33) | 460 | 8.5 (4) |
| El Dorado | 641 | 6.1 (37) | 7.5 (28) | 3,037 | 4.4 (20) | 7.7 (58) | 7.9 (6) | 972 | 15.6 (21) | 11.8 (5) | 1,372 | 12.1 (19) |
| Fresno | 10,394 | 6.9 (49) | 7.1 (21) | 55,546 | 6.3 (53) | 3.6 (13) | 14.6 (55) | 19,346 | 16.5 (40) | 18.5 (49) | 31,203 | 14.9 (45) |

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(4) Rank compares this county's rate to other counties. Rank 1 = best rate.
(5) Infants born during the reporting period included in the analysis.
(6) Based on 2006 WHO growth chart percentiles for children under 2 years of age; short stature is defined as length-for-age ≤ 2.3rd percentile, underweight is defined as weight-for-length ≤ 2.3rd percentile, and high weight-for-length (labeled as "Obese") is defined as ≥ 97.7th percentile.
(7) Based on 2000 CDC growth chart percentiles for children 2 years of age and older; short stature is defined as height-for-age < 5th percentile, underweight is defined as BMI-for-age < 5th percentile, overweight is defined as BMI-for-age ≥ 85th to < 95th percentile, and obesity is defined as ≥ 95th percentile.
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| County | Birthweight (5) | | | Height and Weight (3,4) | | | | | | | Anemia Low Hb/Hct (8) | |
| | Low | High | | Short Stature | Under- weight | Obese | | ≥ 2 Yrs Overweight and Obese | | | (8) | |
| | Number | % <2500 g (Rank) | % >4000 g (Rank) | Number | % (Rank) | % (Rank) | % (Rank) | Number | % Overweight (Rank) | % Obese (Rank) | Number | % (Rank) |
| Glenn | 181 | 6.1 (37) | 4.4 (3) | 1,824 | 2.9 (1) | 3.6 (13) | 13.1 (40) | 614 | 14.3 (6) | 14.5 (15) | 1,151 | 19.7 (57) |
| Humboldt | 615 | 5.2 (21) | 9.8 (48) | 4,283 | 5.7 (46) | 3.2 (6) | 12.5 (37) | 1,374 | 17.1 (47) | 16.0 (27) | 1,867 | 14.6 (43) |
| Imperial | 2,561 | 5.2 (21) | 8.5 (37) | 9,701 | 3.1 (2) | 3.7 (17) | 13.2 (41) | 3,583 | 14.2 (5) | 15.7 (26) | 5,732 | 5.1 (1) |
| Inyo | 40 | * * | * * | 527 | 5.9 (51) | 2.7 (3) | 15.9 (60) | 184 | 15.8 (23) | 14.7 (18) | 69 | * * |
| Kern | 8,940 | 6.7 (46) | 7.0 (19) | 43,207 | 5.1 (40) | 4.5 (32) | 14.3 (50) | 15,565 | 15.6 (21) | 16.3 (31) | 12,909 | 12.3 (20) |
| Kings | 1,056 | 6.8 (48) | 9.1 (43) | 5,255 | 5.8 (50) | 2.9 (4) | 18.0 (64) | 1,802 | 16.6 (42) | 20.5 (58) | 3,295 | 21.1 (59) |
| L.A. East | 17,485 | 6.0 (32) | 6.5 (12) | 43,288 | 6.6 (55) | 3.5 (10) | 14.8 (57) | 8,279 | 16.1 (29) | 17.4 (40) | 11,365 | 14.1 (39) |
| L.A. North | 7,019 | 6.0 (32) | 5.2 (7) | 22,666 | 7.5 (62) | 4.5 (32) | 14.3 (50) | 3,986 | 15.2 (13) | 17.8 (45) | 4,566 | 12.6 (24) |
| L.A. Other | 18,459 | 7.1 (52) | 6.8 (16) | 162,590 | 5.0 (37) | 3.0 (5) | 17.1 (63) | 70,366 | 16.6 (42) | 19.2 (54) | 91,690 | 13.0 (29) |
| L.A. South | 19,334 | 7.0 (51) | 6.4 (11) | 42,845 | 8.0 (64) | 3.5 (10) | 15.9 (60) | 8,035 | 16.4 (36) | 18.2 (48) | 10,695 | 14.2 (41) |
| L.A. West | 1,511 | 6.3 (42) | 7.3 (25) | 3,796 | 6.8 (57) | 3.3 (7) | 15.2 (58) | 820 | 17.2 (50) | 20.4 (57) | 997 | 10.4 (10) |

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(4) Rank compares this county's rate to other counties. Rank 1 = best rate.
(5) Infants born during the reporting period included in the analysis.
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(7) Based on 2000 CDC growth chart percentiles for children 2 years of age and older; short stature is defined as height-for-age < 5th percentile, underweight is defined as BMI-for-age < 5th percentile, overweight is defined as BMI-for-age ≥ 85th to < 95th percentile, and obesity is defined as ≥ 95th percentile.
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|--|-----------------|------------------------|------------------------|-------------------------|------------------|-------------|-------------|------------------------------------|---------------------------|-----------------------------|--------|-------------|
| County | Birthweight (5) | | | Height and Weight (3,4) | | | | | | Anemia Low Hb/Hct (8) | | |
| | Low | High | | Short Stature | Under- weight | Obese | | ≥ 2 Yrs Overweight and Obese | | | (8) | |
| | Number | % <2500 g (Rank) | % >4000 g (Rank) | Number | % (Rank) | % (Rank) | % (Rank) | Number | % Overweight (Rank) | % Obese (Rank) | Number | % (Rank) |
| Lake | 150 | 4.7 (14) | 8.0 (33) | 1,118 | 4.9 (35) | 4.5 (32) | 12.6 (38) | 393 | 14.0 (4) | 14.5 (15) | 599 | 12.7 (26) |
| Lassen | 158 | 7.6 (56) | 5.1 (6) | 701 | 4.6 (26) | 9.4 (62) | 9.3 (9) | 224 | 17.0 (46) | 12.5 (8) | 252 | 8.7 (6) |
| Long Beach | 3,627 | 7.6 (56) | 7.7 (30) | 9,099 | 7.1 (59) | 3.7 (17) | 14.4 (53) | 1,922 | 16.2 (31) | 20.7 (60) | 2,473 | 14.8 (44) |
| Madera | 2,621 | 6.1 (37) | 7.2 (22) | 9,739 | 4.6 (26) | 3.7 (17) | 13.5 (46) | 3,801 | 15.9 (24) | 16.1 (28) | 6,782 | 15.2 (46) |
| Marin | 765 | 6.7 (46) | 7.5 (28) | 3,504 | 3.4 (7) | 4.1 (23) | 9.7 (10) | 1,056 | 15.2 (13) | 13.7 (10) | 1,796 | 8.1 (3) |
| Mariposa | 33 | * * | * * | 209 | 5.7 (46) | 9.1 (60) | 11.0 (18) | 59 | * * | * * | 95 | * * |
| Mendocino | 486 | 5.1 (20) | 7.2 (22) | 2,734 | 3.5 (9) | 4.4 (28) | 12.6 (38) | 896 | 17.6 (53) | 20.6 (59) | 675 | 16.4 (50) |
| Merced | 1,490 | 5.8 (29) | 6.0 (8) | 5,544 | 6.8 (57) | 5.1 (44) | 11.9 (25) | 840 | 19.4 (59) | 18.6 (50) | 2,867 | 18.0 (52) |
| Modoc | 42 | * * | * * | 263 | 5.7 (46) | 7.6 (57) | 9.1 (8) | 93 | * * | * * | 121 | 5.8 (2) |
| Mono | 110 | 4.5 (12) | 0.9 (1) | 401 | 3.2 (3) | 9.5 (63) | 4.7 (1) | 109 | 13.8 (3) | 6.4 (1) | 192 | 11.5 (16) |
| Monterey | 2,105 | 4.2 (7) | 9.0 (42) | 9,654 | 7.4 (61) | 2.2 (1) | 14.2 (49) | 1,523 | 16.0 (26) | 19.3 (56) | 4,764 | 12.5 (22) |

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| County | Birthweight (5) | | | Height and Weight (3,4) | | | | | | | Anemia Low Hb/Hct (8) | |
| | Low | High | | Short Stature | Under- weight | Obese | | ≥ 2 Yrs Overweight and Obese | | | (8) | |
| | Number | % <2500 g (Rank) | % >4000 g (Rank) | Number | % (Rank) | % (Rank) | % (Rank) | Number | % Overweight (Rank) | % Obese (Rank) | Number | % (Rank) |
| Napa | 339 | 4.4 (10) | 10.6 (52) | 3,061 | 3.4 (7) | 5.2 (46) | 11.2 (20) | 876 | 16.4 (36) | 18.6 (50) | 1,451 | 24.5 (60) |
| Nevada | 495 | 4.2 (7) | 7.7 (30) | 1,787 | 3.7 (11) | 7.8 (59) | 5.8 (2) | 522 | 13.4 (2) | 10.3 (3) | 797 | 9.9 (9) |
| Orange | 11,884 | 6.0 (32) | 6.7 (15) | 21,365 | 5.0 (37) | 5.2 (46) | 12.2 (32) | 5,584 | 16.2 (31) | 16.9 (37) | 43,770 | 12.3 (20) |
| Pasadena | 444 | 4.5 (12) | 3.6 (2) | 1,093 | 3.8 (13) | 9.1 (60) | 6.9 (3) | 256 | 17.2 (50) | 12.5 (8) | 361 | 14.1 (39) |
| Placer | 682 | 4.7 (14) | 6.2 (9) | 4,754 | 4.6 (26) | 4.8 (39) | 9.7 (10) | 1,536 | 13.2 (1) | 11.8 (5) | 1,801 | 11.2 (13) |
| Plumas | 172 | 4.1 (6) | 4.7 (4) | 600 | 4.8 (32) | 7.0 (56) | 7.3 (5) | 167 | 18.0 (54) | 12.0 (7) | 198 | 12.6 (24) |
| Riverside | 17,132 | 5.8 (29) | 7.2 (22) | 39,204 | 6.6 (55) | 4.2 (24) | 14.0 (48) | 9,792 | 14.8 (10) | 16.2 (30) | 24,893 | 13.0 (29) |
| Sacramento | 3,614 | 6.4 (43) | 8.8 (39) | 39,823 | 4.5 (24) | 6.4 (54) | 10.1 (13) | 13,766 | 14.6 (8) | 13.7 (10) | 15,963 | 18.5 (56) |
| San Benito | 28 | * * | * * | 792 | 3.3 (5) | 5.3 (48) | 13.4 (45) | 267 | 19.1 (57) | 19.1 (52) | 445 | 8.5 (4) |
| San Bernar | 7,945 | 6.0 (32) | 6.6 (14) | 32,862 | 7.2 (60) | 4.4 (28) | 13.9 (47) | 9,111 | 15.5 (19) | 15.4 (22) | 19,645 | 13.4 (33) |
| San Diego | 9,880 | 6.1 (37) | 9.5 (47) | 53,633 | 5.3 (41) | 4.9 (42) | 12.4 (33) | 16,886 | 16.3 (33) | 16.5 (33) | 37,283 | 13.7 (36) |

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| County | Birthweight (5) | | | Height and Weight (3,4) | | | | | | | Anemia Low Hb/Hct (8) | |
| | Low | High | | Short Stature | Under- weight | Obese | | ≥ 2 Yrs Overweight and Obese | | | (8) | |
| | Number | % <2500 g (Rank) | % >4000 g (Rank) | Number | % (Rank) | % (Rank) | % (Rank) | Number | % Overweight (Rank) | % Obese (Rank) | Number | % (Rank) |
| San Franci | 511 | 6.5 (44) | 6.5 (12) | 9,452 | 4.4 (20) | 4.5 (32) | 11.9 (25) | 3,365 | 15.4 (16) | 15.6 (24) | 1,339 | 10.6 (11) |
| San Joaqui | 4,522 | 7.5 (55) | 8.2 (34) | 27,132 | 5.4 (42) | 4.7 (38) | 14.3 (50) | 9,337 | 15.5 (19) | 16.8 (36) | 8,408 | 12.9 (27) |
| San Luis O | 487 | 3.9 (4) | 9.9 (50) | 3,821 | 4.2 (17) | 4.8 (39) | 10.8 (17) | 1,264 | 14.9 (11) | 13.8 (13) | 1,303 | 15.8 (47) |
| San Mateo | 478 | 5.2 (21) | 10.3 (51) | 9,244 | 3.9 (14) | 5.0 (43) | 11.6 (24) | 2,690 | 18.1 (55) | 17.9 (46) | 3,236 | 11.2 (13) |
| Santa Barb | 2,892 | 5.4 (25) | 7.0 (19) | 16,974 | 4.5 (24) | 3.6 (13) | 12.4 (33) | 6,110 | 17.1 (47) | 17.6 (42) | 9,635 | 13.9 (37) |
| Santa Clar | 2,190 | 6.9 (49) | 6.9 (18) | 24,941 | 5.7 (46) | 4.5 (32) | 11.9 (25) | 6,675 | 16.3 (33) | 17.6 (42) | 6,701 | 11.0 (12) |
| Santa Cruz | 479 | 5.6 (27) | 7.3 (25) | 3,044 | 5.4 (42) | 4.4 (28) | 12.4 (33) | 460 | 15.4 (16) | 16.7 (35) | 1,210 | 12.5 (22) |
| Shasta | 1,101 | 7.2 (53) | 9.8 (48) | 4,853 | 6.1 (52) | 3.6 (13) | 12.0 (29) | 1,580 | 18.7 (56) | 16.1 (28) | 2,272 | 13.1 (31) |
| Sierra | 11 | * * | * * | 44 | * * | * * | * * | 12 | * * | * * | 20 | * * |
| Siskiyou | 242 | 5.8 (29) | 6.2 (9) | 1,156 | 3.7 (11) | 6.1 (53) | 8.6 (7) | 391 | 14.6 (8) | 9.7 (2) | 711 | 18.3 (53) |
| Solano | 857 | 6.2 (41) | 12.1 (56) | 5,951 | 4.9 (35) | 4.2 (24) | 11.4 (21) | 2,087 | 16.4 (36) | 14.9 (20) | 1,778 | 11.8 (17) |

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| | Number | % <2500 g (Rank) | % >4000 g (Rank) | Number | % (Rank) | % (Rank) | % (Rank) | Number | % Overweight (Rank) | % Obese (Rank) | Number | % (Rank) |
| Sonoma | 2,083 | 4.8 (16) | 8.7 (38) | 7,975 | 4.8 (32) | 4.5 (32) | 12.0 (29) | 2,486 | 15.4 (16) | 15.6 (24) | 2,363 | 16.1 (49) |
| Stanislaus | 3,800 | 5.6 (27) | 8.2 (34) | 17,600 | 5.0 (37) | 4.4 (28) | 13.2 (41) | 6,348 | 16.4 (36) | 17.1 (39) | 10,403 | 18.3 (53) |
| Sutter | 454 | 4.4 (10) | 10.6 (52) | 3,061 | 4.6 (26) | 5.1 (44) | 10.5 (16) | 969 | 15.3 (15) | 14.6 (17) | 1,404 | 9.8 (8) |
| Tehama | 149 | 7.4 (54) | 16.8 (57) | 2,596 | 4.1 (16) | 5.4 (50) | 10.2 (15) | 826 | 14.5 (7) | 13.7 (10) | 818 | 16.0 (48) |
| Trinity | 36 | * * | * * | 165 | 5.5 (44) | 4.8 (39) | 13.3 (43) | 52 | * * | * * | 80 | * * |
| Tulare | 3,558 | 5.4 (25) | 7.4 (27) | 22,854 | 5.6 (45) | 3.3 (7) | 15.2 (58) | 7,650 | 15.9 (24) | 18.1 (47) | 12,035 | 16.8 (51) |
| Tuolumne | 182 | 0.0 (1) | 8.8 (39) | 713 | 3.2 (3) | 9.8 (64) | 6.9 (3) | 211 | 17.5 (52) | 11.4 (4) | 141 | 18.4 (55) |
| Ventura | 4,078 | 5.2 (21) | 9.3 (45) | 23,426 | 4.6 (26) | 3.4 (9) | 14.6 (55) | 8,150 | 16.5 (40) | 19.1 (52) | 15,176 | 9.7 (7) |
| Yolo | 931 | 4.8 (16) | 11.2 (54) | 4,716 | 3.6 (10) | 5.3 (48) | 12.4 (33) | 1,657 | 16.3 (33) | 15.4 (22) | 2,190 | 13.2 (32) |
| Yuba | 285 | 4.2 (7) | 8.4 (36) | 2,811 | 4.4 (20) | 3.5 (10) | 11.9 (25) | 895 | 16.1 (29) | 16.3 (31) | 1,324 | 13.4 (33) |
| Unknown Counties | 122 | 4.9 (18) | 4.9 (5) | 500 | 6.4 (54) | 5.4 (50) | 14.4 (53) | 146 | 19.2 (58) | 19.2 (54) | 156 | 13.5 (35) |

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Children Aged < 5 Years (2)

| Comparison of Growth and Anemia Indicators (3,4) | | | | | | | | | | | | |
|---|------------------|------------------------|------------------------|-------------------------|------------------|-------------|-------------|------------------------------------|---------------------------|-----------------------------|------------------|-------------|
| County | Birthweight (5) | | | Height and Weight (3,4) | | | | | | Anemia Low Hb/Hct (8) | | |
| | Low | High | | Short Stature | Under- weight | Obese | | ≥ 2 Yrs Overweight and Obese | | | | |
| | Number | % <2500 g (Rank) | % >4000 g (Rank) | Number | % (Rank) | % (Rank) | % (Rank) | Number | % Overweight (Rank) | % Obese (Rank) | Number | % (Rank) |
| California | 191,800 | 6.2 | 7.3 | 884,460 | 5.5 | 4.1 | 14.0 | 284,506 | 16.1 | 17.3 | 441,961 | 13.5 |
| Nation (Prior Year) | 1,961,342 | 8.9 | 6.4 | 8,317,427 | 6.4 | 3.5 | 12.9 | 3,612,436 | 16.3 | 14.7 | 5,524,196 | 14.9 |

- (1) Reporting period is January 1 through December 31.
(2) Analyses based on one record per child.
(3) Excludes records with unknown data or errors.
(4) Rank compares this county's rate to other counties. Rank 1 = best rate.
(5) Infants born during the reporting period included in the analysis.
(6) Based on 2006 WHO growth chart percentiles for children under 2 years of age; short stature is defined as length-for-age ≤ 2.3rd percentile, underweight is defined as weight-for-length ≤ 2.3rd percentile, and high weight-for-length (labeled as "Obese") is defined as ≥ 97.7th percentile.
(7) Based on 2000 CDC growth chart percentiles for children 2 years of age and older; short stature is defined as height-for-age < 5th percentile, underweight is defined as BMI-for-age < 5th percentile, overweight is defined as BMI-for-age ≥ 85th to < 95th percentile, and obesity is defined as ≥ 95th percentile.
(8) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.
* Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.



Table 6B
2010 Pediatric Nutrition Surveillance (1)
California
Comparison of Growth and Anemia Indicators by County
Children Aged 5 to <20 Years (2)

| Comparison of Growth and Anemia Indicators | | | | | | | | (3,4) |
|---|-------------------------|-------------------------|------------------------|----------------------------|----------------------|-----------------------------|-------------|-------|
| County | Height and Weight | | | | | Anemia Low Hb/Hct (7) | | |
| | Short Stature (5) | Under- weight (6) | Over- weight (6) | | | | | |
| | Number | % <5th (Rank) | % <5th (Rank) | % 85th- <95th (Rank) | % ≥95th (Rank) | Number | % (Rank) | |
| Alameda | 13,157 | 6.5 (39) | 2.7 (39) | 17.9 (23) | 22.8 (29) | 5,421 | 17.1 (51) | |
| Alpine | 37 | * * | * * | * * | * * | 32 | * * | |
| Amador | 274 | 4.7 (8) | 1.5 (6) | 17.2 (17) | 20.1 (13) | 90 | * * | |
| Butte | 2,730 | 5.0 (13) | 2.3 (24) | 19.2 (43) | 21.0 (14) | 2,555 | 14.1 (40) | |
| Calaveras | 884 | 5.3 (21) | 1.7 (8) | 19.9 (50) | 24.4 (45) | 732 | 9.3 (7) | |
| City Of Be | 55 | * * | * * | * * | * * | 41 | * * | |
| Colusa | 429 | 3.0 (1) | 3.5 (55) | 20.0 (51) | 23.8 (38) | 380 | 15.0 (45) | |
| Contra Cos | 4,684 | 6.7 (42) | 2.2 (22) | 17.8 (22) | 23.8 (38) | 900 | 13.0 (33) | |
| Del Norte | 279 | 7.5 (51) | 1.1 (2) | 20.4 (53) | 21.1 (15) | 285 | 12.3 (23) | |
| El Dorado | 1,091 | 6.8 (44) | 3.6 (56) | 18.0 (24) | 19.5 (10) | 694 | 12.5 (26) | |
| Fresno | 32,471 | 6.8 (44) | 2.3 (24) | 18.4 (31) | 25.7 (53) | 27,169 | 12.9 (32) | |
| Glenn | 616 | 5.2 (18) | 3.2 (50) | 16.4 (9) | 24.8 (46) | 548 | 18.8 (54) | |

- (1) Reporting period is January 1 through December 31.
(2) Analyses based on one record per child.
(3) Excludes records with unknown data or errors.
(4) Rank compares this county's rate to other counties. Rank 1 = best rate.
(5) Based on 2000 CDC growth chart percentiles for height-for-age for children 2 years of age and older.
(6) Based on CDC growth chart percentiles for BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies overweight children and ≥ 95th percentile category identifies obese children.
(7) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.
* Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.



Table 6B
2010 Pediatric Nutrition Surveillance (1)
California
Comparison of Growth and Anemia Indicators by County
Children Aged 5 to <20 Years (2)

| Comparison of Growth and Anemia Indicators | | | | | | | | (3,4) |
|---|-------------------------|-------------------------|------------------------|----------------------------|----------------------|-----------------------------|-------------|-------|
| County | Height and Weight | | | | | Anemia Low Hb/Hct (7) | | |
| | Short Stature (5) | Under- weight (6) | Over- weight (6) | | | | | |
| | Number | % <5th (Rank) | % <5th (Rank) | % 85th- <95th (Rank) | % ≥95th (Rank) | Number | % (Rank) | |
| Humboldt | 1,016 | 5.2 (18) | 1.0 (1) | 21.2 (57) | 22.1 (24) | 659 | 13.4 (37) | |
| Imperial | 3,195 | 3.6 (4) | 3.2 (50) | 16.9 (12) | 23.4 (34) | 3,009 | 7.1 (2) | |
| Inyo | 264 | 3.4 (2) | 1.9 (14) | 22.0 (58) | 21.2 (17) | 98 | * * | |
| Kern | 19,184 | 5.5 (23) | 2.8 (42) | 17.5 (19) | 24.8 (46) | 9,353 | 12.2 (21) | |
| Kings | 1,885 | 4.9 (12) | 2.4 (31) | 18.0 (24) | 25.7 (53) | 1,826 | 17.5 (52) | |
| L.A. East | 26,967 | 5.0 (13) | 1.8 (11) | 14.3 (3) | 16.3 (4) | 36,959 | 6.5 (1) | |
| L.A. North | 13,732 | 10.7 (59) | 2.3 (24) | 19.6 (46) | 21.3 (19) | 12,193 | 13.2 (36) | |
| L.A. Other | 118,751 | 5.0 (13) | 2.5 (35) | 18.9 (39) | 26.1 (57) | 95,761 | 11.5 (15) | |
| L.A. South | 29,897 | 8.6 (54) | 1.8 (11) | 26.1 (60) | 18.6 (7) | 27,087 | 9.6 (8) | |
| L.A. West | 1,896 | 6.0 (31) | 1.9 (14) | 19.0 (41) | 22.3 (25) | 1,460 | 12.5 (26) | |
| Lake | 464 | 3.9 (5) | 1.3 (3) | 18.5 (32) | 19.6 (11) | 313 | 14.4 (41) | |
| Lassen | 362 | 5.5 (23) | 4.4 (58) | 19.6 (46) | 16.0 (3) | 219 | 7.8 (3) | |

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Rank compares this county's rate to other counties. Rank 1 = best rate.

(5) Based on 2000 CDC growth chart percentiles for height-for-age for children 2 years of age and older.

(6) Based on CDC growth chart percentiles for BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies overweight children and ≥ 95th percentile category identifies obese children.

(7) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

* Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.



Table 6B
2010 Pediatric Nutrition Surveillance (1)
California
Comparison of Growth and Anemia Indicators by County
Children Aged 5 to <20 Years (2)

| Comparison of Growth and Anemia Indicators | | | | | | | | (3,4) |
|---|-------------------------|-------------------------|------------------------|----------------------------|----------------------|-----------------------------|-------------|-------|
| County | Height and Weight | | | | | Anemia Low Hb/Hct (7) | | |
| | Short Stature (5) | Under- weight (6) | Over- weight (6) | | | | | |
| | Number | % <5th (Rank) | % <5th (Rank) | % 85th- <95th (Rank) | % ≥95th (Rank) | Number | % (Rank) | |
| Long Beach | 2,939 | 6.8 (44) | 2.8 (42) | 19.0 (41) | 25.2 (50) | 2,246 | 14.9 (43) | |
| Madera | 4,692 | 7.2 (50) | 1.9 (14) | 18.8 (37) | 24.3 (44) | 4,446 | 12.5 (26) | |
| Marin | 892 | 6.4 (36) | 2.0 (19) | 19.8 (49) | 24.0 (40) | 570 | 10.4 (10) | |
| Mariposa | 86 | * * | * * | * * | * * | 70 | * * | |
| Mendocino | 993 | 4.4 (6) | 1.3 (3) | 20.8 (56) | 25.8 (55) | 436 | 13.1 (35) | |
| Merced | 1,311 | 8.6 (54) | 1.8 (11) | 18.0 (24) | 24.0 (40) | 1,722 | 16.3 (48) | |
| Modoc | 88 | * * | * * | * * | * * | 71 | * * | |
| Mono | 115 | 11.3 (60) | 9.6 (60) | 11.3 (1) | 15.7 (2) | 81 | * * | |
| Monterey | 2,246 | 8.3 (53) | 1.4 (5) | 20.7 (55) | 24.2 (43) | 2,126 | 8.5 (5) | |
| Napa | 1,022 | 6.6 (40) | 2.3 (24) | 22.0 (58) | 24.9 (49) | 570 | 16.7 (50) | |
| Nevada | 505 | 4.8 (9) | 2.8 (42) | 16.2 (7) | 15.6 (1) | 379 | 10.0 (9) | |
| Orange | 15,432 | 7.1 (48) | 2.5 (35) | 19.2 (43) | 21.1 (15) | 50,568 | 11.8 (19) | |

(1) Reporting period is January 1 through December 31.

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(3) Excludes records with unknown data or errors.

(4) Rank compares this county's rate to other counties. Rank 1 = best rate.

(5) Based on 2000 CDC growth chart percentiles for height-for-age for children 2 years of age and older.

(6) Based on CDC growth chart percentiles for BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies overweight children and ≥ 95th percentile category identifies obese children.

(7) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

* Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.



Table 6B
2010 Pediatric Nutrition Surveillance (1)
California
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Children Aged 5 to <20 Years (2)

| Comparison of Growth and Anemia Indicators | | | | | | | | (3,4) |
|---|-------------------------|-------------------------|------------------------|-------------------------------|----------------------|-----------------------------|-------------|-------|
| County | Height and Weight | | | | | Anemia Low Hb/Hct (7) | | |
| | Short Stature (5) | Under- weight (6) | Over- weight (6) | | | | | |
| | Number | % <5th (Rank) | % <5th (Rank) | % 85th- <95th (Rank) | % ≥95th (Rank) | Number | % (Rank) | |
| Pasadena | 346 | 3.5 (3) | 2.3 (24) | 16.5 (10) | 19.7 (12) | 248 | 11.3 (13) | |
| Placer | 1,285 | 6.4 (36) | 2.4 (31) | 16.2 (7) | 17.3 (5) | 655 | 10.7 (11) | |
| Plumas | 238 | 8.8 (56) | 4.6 (59) | 15.1 (4) | 22.3 (25) | 151 | 12.6 (30) | |
| Riverside | 16,246 | 5.9 (29) | 3.4 (53) | 18.0 (24) | 22.0 (22) | 24,011 | 12.3 (23) | |
| Sacramento | 21,341 | 6.7 (42) | 3.4 (53) | 17.4 (18) | 21.2 (17) | 15,086 | 19.4 (55) | |
| San Benito | 251 | 5.6 (25) | 2.4 (31) | 17.1 (16) | 32.3 (60) | 224 | 11.2 (12) | |
| San Bernar | 17,882 | 5.6 (25) | 3.8 (57) | 17.7 (21) | 22.0 (22) | 23,607 | 12.2 (21) | |
| San Diego | 25,163 | 7.0 (47) | 2.6 (38) | 18.9 (39) | 23.6 (36) | 33,029 | 11.4 (14) | |
| San Franci | 6,673 | 6.6 (40) | 3.3 (52) | 17.0 (13) | 19.0 (8) | 1,094 | 13.6 (38) | |
| San Joaqui | 14,058 | 6.1 (32) | 2.7 (39) | 18.1 (28) | 23.3 (33) | 6,748 | 12.8 (31) | |
| San Luis O | 1,056 | 6.3 (35) | 2.3 (24) | 18.7 (34) | 23.1 (30) | 784 | 11.9 (20) | |
| San Mateo | 2,850 | 6.1 (32) | 2.0 (19) | 20.4 (53) | 23.6 (36) | 1,412 | 12.4 (25) | |

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(4) Rank compares this county's rate to other counties. Rank 1 = best rate.

(5) Based on 2000 CDC growth chart percentiles for height-for-age for children 2 years of age and older.

(6) Based on CDC growth chart percentiles for BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies overweight children and ≥ 95th percentile category identifies obese children.

(7) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

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Table 6B
2010 Pediatric Nutrition Surveillance (1)
California
Comparison of Growth and Anemia Indicators by County
Children Aged 5 to <20 Years (2)

| Comparison of Growth and Anemia Indicators | | | | | | | | (3,4) |
|---|-------------------------|-------------------------|------------------------|----------------------------|----------------------|-----------------------------|-------------|-------|
| County | Height and Weight | | | | | Anemia Low Hb/Hct (7) | | |
| | Short Stature (5) | Under- weight (6) | Over- weight (6) | | | | | |
| | Number | % <5th (Rank) | % <5th (Rank) | % 85th- <95th (Rank) | % ≥95th (Rank) | Number | % (Rank) | |
| Santa Barb | 4,988 | 7.5 (51) | 1.7 (8) | 20.0 (51) | 25.4 (52) | 4,055 | 11.7 (17) | |
| Santa Clar | 10,144 | 7.1 (48) | 2.8 (42) | 18.7 (34) | 23.1 (30) | 3,925 | 12.5 (26) | |
| Santa Cruz | 645 | 6.4 (36) | 1.6 (7) | 19.7 (48) | 25.3 (51) | 655 | 9.0 (6) | |
| Shasta | 1,203 | 5.2 (18) | 2.2 (22) | 17.0 (13) | 19.3 (9) | 854 | 11.6 (16) | |
| Sierra | 10 | * * | * * | * * | * * | 7 | * * | |
| Siskiyou | 432 | 4.6 (7) | 2.3 (24) | 18.5 (32) | 18.1 (6) | 372 | 16.4 (49) | |
| Solano | 2,337 | 4.8 (9) | 1.7 (8) | 18.1 (28) | 24.0 (40) | 964 | 15.6 (46) | |
| Sonoma | 2,378 | 5.0 (13) | 1.9 (14) | 18.8 (37) | 23.5 (35) | 1,211 | 14.9 (43) | |
| Stanislaus | 8,613 | 5.6 (25) | 2.1 (21) | 18.7 (34) | 25.9 (56) | 8,231 | 15.6 (46) | |
| Sutter | 691 | 5.8 (28) | 3.0 (48) | 17.5 (19) | 22.7 (28) | 546 | 11.7 (17) | |
| Tehama | 797 | 5.1 (17) | 2.4 (31) | 15.3 (5) | 21.5 (20) | 437 | 14.6 (42) | |
| Trinity | 72 | * * | * * | * * | * * | 72 | * * | |

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(4) Rank compares this county's rate to other counties. Rank 1 = best rate.
(5) Based on 2000 CDC growth chart percentiles for height-for-age for children 2 years of age and older.
(6) Based on CDC growth chart percentiles for BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies overweight children and ≥ 95th percentile category identifies obese children.
(7) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.
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Table 6B
2010 Pediatric Nutrition Surveillance (1)
California
Comparison of Growth and Anemia Indicators by County
Children Aged 5 to <20 Years (2)

| Comparison of Growth and Anemia Indicators | | | | | | | | (3,4) |
|---|-------------------------|-------------------------|------------------------|----------------------------|----------------------|-----------------------------|-------------|-------|
| County | Height and Weight | | | | | Anemia Low Hb/Hct (7) | | |
| | Short Stature (5) | Under- weight (6) | Over- weight (6) | | | | | |
| | Number | % <5th (Rank) | % <5th (Rank) | % 85th- <95th (Rank) | % ≥95th (Rank) | Number | % (Rank) | |
| Tulare | 11,055 | 5.9 (29) | 2.5 (35) | 18.2 (30) | 26.8 (58) | 10,032 | 13.0 (33) | |
| Tuolumne | 175 | 9.1 (57) | 2.9 (47) | 15.4 (6) | 21.7 (21) | 83 | * * | |
| Ventura | 6,851 | 6.1 (32) | 1.9 (14) | 19.2 (43) | 24.8 (46) | 6,537 | 7.8 (3) | |
| Yolo | 1,808 | 4.8 (9) | 2.8 (42) | 17.0 (13) | 23.2 (32) | 982 | 18.7 (53) | |
| Yuba | 873 | 5.4 (22) | 2.7 (39) | 16.8 (11) | 22.5 (27) | 714 | 13.9 (39) | |
| Unknown Counties | 230 | 10.0 (58) | 3.0 (48) | 13.0 (2) | 28.7 (59) | 175 | 20.6 (56) | |
| California | 465,332 | 6.2 | 2.5 | 18.8 | 23.3 | 437,970 | 11.8 | |

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(3) Excludes records with unknown data or errors.

(4) Rank compares this county's rate to other counties. Rank 1 = best rate.

(5) Based on 2000 CDC growth chart percentiles for height-for-age for children 2 years of age and older.

(6) Based on CDC growth chart percentiles for BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies overweight children and ≥ 95th percentile category identifies obese children.

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