

Butte County Public K-12 Graded Enrollment Projections, 2008 Series

| SCHOOL YEAR | Grade Level  |       |       |       |       |       |       |       |       |       |       |       | GRADUATES | Total K-8 | Total 9-12 | Total K-12 |        |
|-------------|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----------|-----------|------------|------------|--------|
|             | KINDERGARTEN | 1     | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 11    |           |           |            |            | 12     |
| 1974-75     | 1,508        | 1,378 | 1,461 | 1,504 | 1,582 | 1,662 | 1,851 | 1,886 | 1,937 | 1,945 | 1,855 | 1,695 | 1,544     | 1,434     | 14,769     | 7,039      | 21,808 |
| 1975-76     | 1,590        | 1,543 | 1,378 | 1,470 | 1,563 | 1,627 | 1,702 | 1,893 | 1,882 | 2,025 | 1,890 | 1,721 | 1,508     | 1,411     | 14,648     | 7,144      | 21,792 |
| 1976-77     | 1,542        | 1,623 | 1,555 | 1,396 | 1,486 | 1,561 | 1,710 | 1,752 | 1,927 | 1,990 | 2,000 | 1,817 | 1,499     | 1,373     | 14,552     | 7,306      | 21,858 |
| 1977-78     | 1,507        | 1,694 | 1,564 | 1,562 | 1,420 | 1,519 | 1,573 | 1,712 | 1,803 | 1,975 | 1,988 | 1,832 | 1,552     | 1,347     | 14,354     | 7,347      | 21,701 |
| 1978-79     | 1,435        | 1,591 | 1,608 | 1,516 | 1,559 | 1,447 | 1,563 | 1,635 | 1,749 | 1,858 | 1,920 | 1,791 | 1,605     | 1,169     | 14,103     | 7,174      | 21,277 |
| 1979-80     | 1,524        | 1,559 | 1,550 | 1,716 | 1,620 | 1,647 | 1,564 | 1,640 | 1,733 | 1,812 | 1,890 | 1,809 | 1,550     | 1,480     | 14,553     | 7,061      | 21,614 |
| 1980-81     | 1,629        | 1,597 | 1,485 | 1,571 | 1,688 | 1,665 | 1,700 | 1,631 | 1,683 | 1,791 | 1,827 | 1,785 | 1,611     | 1,471     | 14,649     | 7,014      | 21,663 |
| 1981-82     | 1,729        | 1,681 | 1,559 | 1,549 | 1,639 | 1,782 | 1,741 | 1,826 | 1,707 | 1,762 | 1,842 | 1,832 | 1,681     | 1,470     | 15,213     | 7,117      | 22,330 |
| 1982-83     | 1,804        | 1,769 | 1,607 | 1,581 | 1,587 | 1,653 | 1,786 | 1,797 | 1,871 | 1,724 | 1,783 | 1,736 | 1,653     | 1,491     | 15,455     | 6,896      | 22,351 |
| 1983-84     | 1,856        | 1,837 | 1,638 | 1,624 | 1,566 | 1,579 | 1,664 | 1,914 | 1,879 | 1,922 | 1,722 | 1,728 | 1,633     | 1,399     | 15,557     | 7,005      | 22,562 |
| 1984-85     | 1,961        | 1,936 | 1,777 | 1,657 | 1,647 | 1,597 | 1,602 | 1,730 | 1,900 | 1,911 | 1,956 | 1,654 | 1,586     | 1,422     | 15,807     | 7,107      | 22,914 |
| 1985-86     | 2,153        | 1,966 | 1,843 | 1,820 | 1,691 | 1,692 | 1,640 | 1,725 | 1,748 | 1,995 | 1,882 | 1,887 | 1,485     | 1,340     | 16,278     | 7,249      | 23,527 |
| 1986-87     | 2,396        | 2,139 | 1,904 | 1,876 | 1,868 | 1,777 | 1,766 | 1,763 | 1,723 | 1,876 | 1,986 | 1,879 | 1,692     | 1,443     | 17,212     | 7,433      | 24,645 |
| 1987-88     | 2,903        | 2,339 | 2,215 | 2,113 | 1,970 | 1,943 | 1,846 | 1,893 | 1,800 | 1,840 | 1,914 | 1,943 | 1,681     | 1,421     | 19,022     | 7,378      | 26,400 |
| 1988-89     | 3,061        | 2,490 | 2,173 | 2,167 | 2,043 | 1,981 | 1,949 | 1,974 | 1,883 | 1,889 | 1,838 | 1,790 | 1,693     | 1,492     | 19,721     | 7,210      | 26,931 |
| 1989-90     | 3,053        | 2,578 | 2,402 | 2,220 | 2,195 | 2,108 | 2,001 | 2,099 | 1,965 | 1,954 | 1,835 | 1,726 | 1,664     | 1,452     | 20,621     | 7,179      | 27,800 |
| 1990-91     | 3,157        | 2,593 | 2,568 | 2,434 | 2,252 | 2,251 | 2,172 | 2,103 | 2,130 | 1,996 | 1,977 | 1,786 | 1,601     | 1,388     | 21,660     | 7,360      | 29,020 |
| 1991-92     | 3,037        | 2,796 | 2,620 | 2,654 | 2,492 | 2,328 | 2,304 | 2,207 | 2,149 | 2,197 | 2,052 | 1,896 | 1,687     | 1,457     | 22,587     | 7,832      | 30,419 |
| 1992-93     | 2,703        | 2,919 | 2,780 | 2,708 | 2,638 | 2,523 | 2,379 | 2,400 | 2,194 | 2,176 | 2,161 | 1,967 | 1,737     | 1,525     | 23,244     | 8,041      | 31,285 |
| 1993-94     | 2,794        | 2,687 | 2,895 | 2,809 | 2,694 | 2,700 | 2,535 | 3,134 | 2,433 | 2,273 | 2,244 | 2,118 | 1,853     | 1,545     | 24,681     | 8,488      | 33,169 |
| 1994-95     | 2,709        | 2,782 | 2,687 | 2,873 | 2,823 | 2,757 | 2,700 | 2,598 | 2,490 | 2,470 | 2,274 | 2,190 | 1,944     | 1,677     | 24,419     | 8,878      | 33,297 |
| 1995-96     | 2,659        | 2,723 | 2,790 | 2,681 | 2,845 | 2,842 | 2,786 | 2,772 | 2,662 | 2,555 | 2,464 | 2,208 | 1,980     | 1,695     | 24,760     | 9,207      | 33,967 |
| 1996-97     | 2,562        | 2,676 | 2,709 | 2,814 | 2,680 | 2,866 | 2,858 | 2,822 | 2,755 | 2,752 | 2,562 | 2,395 | 1,992     | 1,717     | 24,742     | 9,701      | 34,443 |
| 1997-98     | 2,499        | 2,573 | 2,694 | 2,707 | 2,791 | 2,694 | 2,833 | 2,907 | 2,846 | 2,858 | 2,688 | 2,442 | 2,126     | 1,750     | 24,544     | 10,114     | 34,658 |
| 1998-99     | 2,363        | 2,484 | 2,564 | 2,655 | 2,710 | 2,734 | 2,731 | 2,903 | 2,828 | 2,996 | 2,785 | 2,652 | 2,222     | 1,859     | 23,972     | 10,655     | 34,627 |
| 1999-00     | 2,314        | 2,345 | 2,458 | 2,574 | 2,654 | 2,712 | 2,757 | 2,772 | 2,862 | 2,913 | 2,948 | 2,634 | 2,523     | 2,097     | 23,448     | 11,018     | 34,466 |
| 2000-01     | 2,338        | 2,348 | 2,345 | 2,512 | 2,521 | 2,660 | 2,575 | 2,822 | 2,809 | 2,887 | 2,943 | 2,850 | 2,463     | 2,004     | 22,930     | 11,143     | 34,073 |
| 2001-02     | 2,332        | 2,386 | 2,381 | 2,419 | 2,506 | 2,601 | 2,744 | 2,828 | 2,861 | 2,820 | 2,886 | 2,852 | 2,604     | 2,205     | 23,058     | 11,162     | 34,220 |
| 2002-03     | 2,212        | 2,386 | 2,446 | 2,446 | 2,430 | 2,569 | 2,675 | 2,856 | 2,849 | 2,862 | 2,838 | 2,838 | 2,687     | 2,287     | 22,869     | 11,225     | 34,094 |
| 2003-04     | 2,290        | 2,246 | 2,375 | 2,419 | 2,467 | 2,428 | 2,652 | 2,740 | 2,885 | 2,846 | 2,852 | 2,758 | 2,688     | 2,260     | 22,502     | 11,144     | 33,646 |
| 2004-05     | 2,284        | 2,304 | 2,247 | 2,410 | 2,440 | 2,467 | 2,477 | 2,732 | 2,744 | 2,919 | 2,881 | 2,787 | 2,641     | 2,281     | 22,105     | 11,228     | 33,333 |
| 2005-06     | 2,277        | 2,293 | 2,307 | 2,282 | 2,454 | 2,461 | 2,489 | 2,600 | 2,708 | 2,786 | 2,922 | 2,862 | 2,704     | 2,216     | 21,871     | 11,274     | 33,145 |
| 2006-07     | 2,402        | 2,281 | 2,277 | 2,296 | 2,282 | 2,462 | 2,531 | 2,525 | 2,598 | 2,769 | 2,793 | 2,870 | 2,713     | 2,247     | 21,654     | 11,145     | 32,799 |
| 2007-08     | 2,285        | 2,388 | 2,255 | 2,285 | 2,315 | 2,309 | 2,519 | 2,582 | 2,557 | 2,674 | 2,785 | 2,766 | 2,811     | 2,328     | 21,495     | 11,036     | 32,531 |
| 2008-09     | 2,400        | 2,313 | 2,361 | 2,249 | 2,304 | 2,346 | 2,360 | 2,577 | 2,615 | 2,630 | 2,689 | 2,752 | 2,676     | 2,217     | 21,525     | 10,747     | 32,272 |
| 2009-10     | 2,375        | 2,430 | 2,287 | 2,355 | 2,268 | 2,339 | 2,396 | 2,416 | 2,607 | 2,687 | 2,645 | 2,657 | 2,662     | 2,207     | 21,473     | 10,651     | 32,124 |
| 2010-11     | 2,477        | 2,401 | 2,404 | 2,283 | 2,375 | 2,306 | 2,386 | 2,454 | 2,442 | 2,677 | 2,701 | 2,614 | 2,570     | 2,131     | 21,528     | 10,562     | 32,090 |
| 2011-12     | 2,665        | 2,500 | 2,378 | 2,402 | 2,302 | 2,415 | 2,350 | 2,445 | 2,479 | 2,506 | 2,691 | 2,669 | 2,529     | 2,098     | 21,936     | 10,395     | 32,331 |
| 2012-13     | 2,553        | 2,686 | 2,478 | 2,377 | 2,422 | 2,340 | 2,459 | 2,409 | 2,467 | 2,542 | 2,518 | 2,659 | 2,582     | 2,143     | 22,191     | 10,301     | 32,492 |
| 2013-14     | 2,601        | 2,570 | 2,665 | 2,479 | 2,397 | 2,462 | 2,382 | 2,522 | 2,429 | 2,528 | 2,554 | 2,488 | 2,572     | 2,135     | 22,507     | 10,142     | 32,649 |
| 2014-15     | 2,646        | 2,614 | 2,552 | 2,668 | 2,500 | 2,437 | 2,507 | 2,444 | 2,540 | 2,487 | 2,539 | 2,524 | 2,407     | 1,999     | 22,908     | 9,957      | 32,865 |
| 2015-16     | 2,690        | 2,655 | 2,598 | 2,557 | 2,691 | 2,542 | 2,481 | 2,574 | 2,460 | 2,598 | 2,498 | 2,509 | 2,442     | 2,029     | 23,248     | 10,047     | 33,295 |
| 2016-17     | 2,730        | 2,695 | 2,641 | 2,605 | 2,579 | 2,736 | 2,588 | 2,549 | 2,588 | 2,515 | 2,609 | 2,468 | 2,427     | 2,017     | 23,711     | 10,019     | 33,730 |
| 2017-18     | 2,774        | 2,731 | 2,684 | 2,651 | 2,628 | 2,622 | 2,786 | 2,660 | 2,561 | 2,644 | 2,525 | 2,578 | 2,388     | 1,985     | 24,097     | 10,135     | 34,232 |

Source:  
 California Department of Finance  
 Demographic Research Unit  
 October 2008  
 Excludes CYA and special schools.  
 Excludes ungraded enrollment  
 Enrollment reporting change - 2006-07 school year.  
 Actual enrollment data to 2007-08 school year.  
 Actual graduate data to 2006-07 school year.

**Methodology**

Enrollment projections are developed using a grade progression ratio (GPR), cohort-survival, projection model to project enrollment in kindergarten through twelfth grade and high school graduates. The GPR is the result of dividing the enrollment in one grade level by the enrollment in one lower grade from the prior year. The GPR represents the proportion of students expected to progress from one grade to the next. The most likely progression model is chosen based upon analysis of historical trends; knowledge of migration trends and demographic characteristics of each county including the most recent population estimates; and survey results from selected school districts. Entering cohorts of kindergarteners and first graders are projected using actual and projected births. The best fitting progression ratios are chosen independently for the projection of each grade including high school graduates. The state total by grade is the result of the summation of the projections by grade at the county level.

The 2008 series was produced using a PC application allowing for greater flexibility in the use and applications of grade progression ratios in the calculations of enrollments. As a result, the yearly projections by county may continue to differ from the historical. In addition, some county offices of education and school districts have provided updated information used in developing countywide assumptions.