

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.