

## CalPADS Enrollment Trends in Career Technical Education in California

**1992 - Present**

Revised January 5, 2014

| <b><u>CTE Areas</u></b>                | <b><u>1992-93</u></b> | <b><u>1993-94</u></b> | <b><u>1994-95</u></b> | <b><u>1995-96</u></b> | <b><u>1996-97</u></b> | <b><u>1997-98</u></b> | <b><u>1998-99</u></b> | <b><u>1999-00</u></b> |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Agriculture                            | 50,625                | 53,087                | 53,822                | 54,336                | 56,510                | 57,608                | 58,695                | 62,489                |
| Business Education                     | 296,225               | 242,487               | 246,101               | 246,735               | 241,373               | 245,839               | 233,782               | 222,535               |
| Work Experience                        | NR                    | NR                    | NR                    | NR                    | NR                    | 36,671                | 36,235                | 55,030                |
| Home Economics                         | 222,873               | 216,704               | 196,692               | 194,799               | 194,596               | 193,151               | 190,100               | 182,779               |
| Health Careers                         | 3,445                 | 3,102                 | 2,307                 | 3,108                 | 4,030                 | 3,908                 | 4,461                 | 4,886                 |
| ITE                                    | 332,866               | 330,731               | 329,882               | 327,647               | 324,720               | 299,321               | 294,721               | 284,402               |
| Other CTE                              | 3,611                 | 3,024                 | 3,506                 | 3,648                 | 5,753                 | 5,546                 | 6,319                 | 7,853                 |
| Applied CTE                            | NR                    | NR                    | NR                    | NR                    | NR                    | 26,221                | 26,792                | 23,498                |
| <b>Total Students Enrolled in CTE</b>  | <b>909,645</b>        | <b>849,135</b>        | <b>832,310</b>        | <b>830,273</b>        | <b>826,982</b>        | <b>868,265</b>        | <b>851,105</b>        | <b>843,472</b>        |
| Total Statewide HS Student Enrollments | 1,372,011             | 1,393,530             | 1,421,547             | 1,464,841             | 1,525,618             | 1,578,929             | 1,627,284             | 1,675,393             |
| % of Students Enrolled in CTE          | 66.3%                 | 60.9%                 | 58.5%                 | 56.6%                 | 54.2%                 | 54.9%                 | 52.3%                 | 50.3%                 |
| Total # of FTE CTE Teachers            | 5,784                 | 5,375                 | 5,300                 | 5,268                 | 5,257                 | 6,455                 | 6,396                 | 6,408                 |
| Total # of CTE Courses Statewide       | 34,619                | 32,105                | 31,398                | 30,938                | 30,976                | 32,238                | 31,402                | 31,375                |

## CBEDS Enrollment Trends in Career Technical Education in California

| <b><u>CTE Areas</u></b>                | <b><u>2000-01</u></b> | <b><u>2001-02</u></b> | <b><u>2002-03</u></b> | <b><u>2003-04</u></b> | <b><u>2004-05</u></b> | <b><u>2005-06</u></b> | <b><u>2006-07</u></b> |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Agriculture                            | 60,228                | 58,062                | 56,906                | 57,039                | 58,393                | 56,685                | 54,213                |
| Business Education                     | 195,940               | 177,873               | 181,340               | 160,635               | 157,728               | 137,826               | 126,751               |
| Work Experience                        | 37,527                | 37,095                | 35,790                | 31,273                | 29,659                | 29,012                | 27,668                |
| Home Economics                         | 176,823               | 173,325               | 170,356               | 157,817               | 155,476               | 151,772               | 144,848               |
| Health Careers                         | 4,938                 | 5,797                 | 6,877                 | 11,148                | 11,980                | 12,716                | 12,953                |
| ITE                                    | 268,980               | 264,614               | 266,082               | 252,949               | 239,600               | 227,409               | 214,080               |
| Other CTE                              | 4,987                 | 5,139                 | 6,197                 | 4,632                 | 5,404                 | 5,000                 | 5,952                 |
| Applied CTE                            | 22,413                | 21,363                | 18,555                | 15,486                | 15,592                | 14,288                | 14,927                |
| <b>Total Students Enrolled in CTE</b>  | <b>771,836</b>        | <b>743,268</b>        | <b>742,103</b>        | <b>690,979</b>        | <b>674,568</b>        | <b>633,972</b>        | <b>610,856</b>        |
| Total Statewide HS Student Enrollments | 1,707,952             | 1,745,295             | 1,807,383             | 1,854,509             | 1,915,369             | 1,953,077             | 1,993,592             |
| % of Students Enrolled in CTE          | 45.1%                 | 42.5%                 | 41.0%                 | 37.2%                 | 35.2%                 | 30.8%                 | 30.6%                 |
| Total # of FTE CTE Teachers            | 6,036                 | 5,837                 | 5,866                 | 5,419                 | 5,207                 | 5,047                 | 4,883                 |
| Total # of CTE Courses Statewide       | 29,461                | 29,768                | 32,456                | 26,291                | 25,410                | 24,370                | 24,580                |

## CBEDS/CalPADS Enrollment Trends in Career Technical Education in California

| <u>CTE Sectors and/or Areas:</u>    | <u>2007-08</u><br>(District + ROP) | <u>2008-09</u><br>(District Data) | <u>2009-10</u><br>(No State Data Available) | <u>2010-11</u><br>(District Data) | <u>2011-12</u><br>CalPADS | <u>2012-13</u><br>CalPADS |
|-------------------------------------|------------------------------------|-----------------------------------|---|-----------------------------------|---------------------------|---------------------------|
| Agriculture & Natural Resources     | 54,385 + 23,041 = 77,426           | 55,567                            | NA  | 60,191                            | 66,725                    | 68,286                    |
| Art, Media & Entertainment          | 22,512 + 72,950 = 95,462           | 62,321                            | NA  | 107,865                           | 135,916                   | 147,359                   |
| Business Education:                 | 128,604 + 122,234 = 250,838        | 135,102                           | NA  | 160,898                           | 207,599                   | 139,291                   |
| • Marketing, Sales & Service        | 10,348 + 37,249                    | 8,624                             |   | 13,996                            | 21,213                    | 18,333                    |
| • Business & Finance                | 117,813 + 60,433                   | 105,744                           |   | 115,584                           | 153,252                   | 87,983                    |
| • Information & Communications      | 443 + 24,552                       | 20,734                            |   | 31,318                            | 33,134                    | 32,975                    |
| Home Economics:                     | 139,163 + 57,546 = 196,709         | 130,396                           | NA  | 141,435                           | 156,255                   | 129,923                   |
| • Hospitality, Tourism & Rec.       | 20,187 + 29,889                    | 18,465                            |   | 28,395                            | 35,606                    | 33,602                    |
| • Consumer & Family                 | 104,218                            | 95,804                            |   | 94,319                            | 90,820                    | 76,770                    |
| • Education, CD & Family Ser.       | 9,108 + 20,444                     | 10,596                            |   | 13,979                            | 24,635                    | 15,153                    |
| • Fashion & Interior Design         | 5,650 + 7,213                      | 5,531                             |   | 4,742                             | 5,194                     | 4,398                     |
| Health Science & Medical Technology | 13,218 + 38,076 = 51,294           | 14,861                            | NA  | 33,818                            | 49,306                    | 52,330                    |
| Industrial Technology Education:    | 202,933 + 97,321 = 300,254         | 164,049                           | NA  | 159,557                           | 182,172                   | 173,315                   |
| • Manufacturing & Product Design    | 70,453 + 22,574                    | 52,689                            |   | 42,533                            | 44,841                    | 40,319                    |
| • Engineering & Architecture        | 20,124 + 11,052                    | 23,127                            |   | 28,609                            | 33,760                    | 39,220                    |
| • Building & Construction Trades    | 72,192 + 21,046                    | 53,537                            |   | 49,971                            | 53,067                    | 48,689                    |
| • Energy, Environment, & Utilities  | 12,102 + 9,286                     | 10,251                            |   | 9,863                             | 10,070                    | 9,404                     |
| • Transportation                    | 28,062 + 33,363                    | 24,445                            |   | 28,581                            | 40,434                    | 35,683                    |
| Public Services                     | 2,433 + 21,328 = 23,761            | 3,364                             | NA  | 15,467                            | 31,420                    | 25,432                    |
| Other CTE:                          |                                    |                                   |   |                                   |                           |                           |
| • UC Approved CTE found             | NA                                 | NA                                | NA  | 3,458                             | 5,390*                    | 2,980*                    |
| • Other CTE                         | 367                                | NA                                | NA  | NA                                | NA                        | NA                        |
| • Work Experience                   | 25,618                             | 20,702                            | NA  | 15,613                            | 20,834                    | 13,201                    |
| Total Students Enrolled in CTE      | 589,233 + 432,496 = 1,021,729      | 586,362                           | NA  | 698,302                           | 850,227                   | 749,137                   |
| Total Statewide Student Enrollments | 2,007,932                          | 2,013,687                         | 1,999,684                                   | 1,997,876                         | 1,979,678                 | 1,964,759                 |
| Percent of Students Enrolled in CTE | 50.8%                              | 29.1%                             | NA  | 34.9%                             | 42.9%                     | 38.1%                     |
| Total Number of FTE CTE Teachers    | 4,980 + ROP = 4,980                | 4,862                             | NA  | 5,787                             | 6,145                     | 4,937                     |
| Total Number of CTE Courses         | 25,752 + ROP = 25,752              | 23,600                            | NA  | 37,867                            | 42,610                    | 35,625                    |

- Does not include those CTE courses that are found in the Academic Section of DataQuest

## **CTE State Enrollment Analysis**

January 05, 2014

A review of CTE student enrollment data by DataQuest (DQ) reveals the following information. In the 15 CTE industry sectors, CTE lost 101,090 students in 2012-13 when compared to the 2011-12 school year. A summary of CTE data is as follows:

- \* 11.8% CTE student enrollment decrease statewide
- \* 38.1% of all students (grades 9-12) are enrolled in CTE courses
- \* 11.1% decrease of CTE courses statewide
- \* 19.6% decrease of FTE CTE teachers in Grades 9-12
- \* 4 of the 15 Industry Sectors had increases in student enrollment compared to 2011-12 (Agriculture & Natural Resources, Art, Media & Entertainment, Health Careers, and Engineering & Design)

Clearly, this data indicates a downward trend in students enrolled in CTE courses in California. The sectors that had the largest decreases were: Business & Finance (- 42.5%), Education, Child Development & Family Services (- 38.4%), Public Services (- 19.0%), Consumer & Family (- 15.4%), and Fashion & Interior Design (- 15.3%). The Sectors that had the greatest increases were: Engineering & Architecture (+ 13.9%), Art, Media & Entertainment (+ 7.7%), Health Science & Medical Technology (+ 5.7%), and Agriculture & Natural Resources (+ 2.2%).

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