This table shows the percentage of employed teachers who were not certified, but were teaching with another credential such as a permit. The information is broken down by grade level and subject area of employment.

Definitions. Uncertified means not holding a valid standard or lifetime certificate. A standard certificate is a certificate offered since 1998-99 that is renewed every five years. A lifetime certificate is a certificate offered before 1998-99 that did not require renewal. A permit is a temporary, 1-year credential requested by a district seeking to place an educator who meets certain qualifications into a position for which he or she is not certified. See also explanations and abbreviations on Page 2.

## Results

- Percentages for all grade levels and subject areas, with the exception of Early Childhood/Kindergarten English as a Second Language, declined over the years examined.
- At the Early Childhood/Kindergarten grade level, the academic year 2010-11 and 2011-12 total percentages were less than half the academic year 2007-08 total percentage.
- As with previous academic years, most subject areas and grade levels showed a decline in academic year 2011-12.
- Also in academic year 2011-12, the percentage of uncertified teachers was low at every grade level and in nearly every subject area.

| Employment Subject Area | Teachers | FTEs |  | FTE P | cent Uncer | ified |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2011-12 | 2011-12 | 2007-08 | 2008-09 | 2009-10 | 2010-1 | 2011-12 |
| EARLY CHILDHOOD/KINDERGARTEN |  |  |  |  |  |  |  |
| BILINGUAL/ESL | 4,221 | 3,570 | 12.2 | 8.5 | 8.4 | 5.8 | 4.6 |
| ENGLISH AS A SECOND LANGUAGE | 1,083 | 560 | 5.0 | 3.3 | 3.5 | 2.3 | 5.7 |
| FINE ARTS | 5,111 | 818 | 6.6 | 4.9 | 4.6 | 3.9 | 5.0 |
| PHYSICAL EDUCATION \& HEALTH | 4,492 | 816 | 6.1 | 4.5 | 4.9 | 4.3 | 5.1 |
| SELF-CONTAINED | 24,178 | 29,408 | 6.7 | 4.7 | 4.9 | 3.1 | 3.3 |
| SPECIAL EDUCATION | 529 | 265 | 12.1 | 4.9 | 7.6 | 4.2 | 4.2 |
| TOTAL | 39,614 | 35,436 | 7.4 | 5.3 | 5.4 | 3.4 | 3.6 |
| ELEMENTARY (GRADES 1-6) |  |  |  |  |  |  |  |
| BILINGUAL/ESL | 10,877 | 8,623 | 12.0 | 8.1 | 6.8 | 4.7 | 4.6 |
| ENGLISH AS A SECOND LANGUAGE | 4,023 | 1,293 | 5.9 | 3.0 | 2.3 | 2.7 | 3.4 |
| FINE ARTS | 23,908 | 7,542 | 7.1 | 5.2 | 4.5 | 3.9 | 4.2 |
| PHYSICAL EDUCATION \& HEALTH | 21,387 | 6,602 | 6.9 | 5.4 | 5.0 | 5.2 | 5.5 |
| SELF-CONTAINED | 100,963 | 92,799 | 5.2 | 3.5 | 3.5 | 3.5 | 3.9 |
| SPECIAL EDUCATION | 3,741 | 2,384 | 9.1 | 5.2 | 5.6 | 4.2 | 4.4 |
| TOTAL | 164,899 | 119,243 | 6.0 | 4.1 | 3.9 | 3.7 | 4.1 |
| MIDDLE SCHOOL (GRADES 6-8) |  |  |  |  |  |  |  |
| BILINGUAL/ESL | 219 | 114 | 16.7 | 9.5 | 9.3 | 6.4 | 5.5 |
| CAREER AND TECHNICAL ED | 2,325 | 1,540 | 11.8 | 10.1 | 8.8 | 6.1 | 5.5 |
| COMPUTER SCIENCE | 991 | 574 | 7.6 | 7.7 | 7.5 | 5.0 | 4.9 |
| ENGLISH AS A SECOND LANGUAGE | 3,335 | 1,510 | 8.1 | 6.6 | 7.1 | 4.1 | 5.5 |
| ENGLISH LANGUAGE ARTS | 12,715 | 8,310 | 10.1 | 6.7 | 5.6 | 5.0 | 5.0 |
| FINE ARTS | 7,747 | 5,469 | 8.9 | 6.7 | 5.7 | 4.9 | 5.2 |
| LANGUAGES OTHER THAN ENGLISH | 1,719 | 1,203 | 14.8 | 11.5 | 10.3 | 10.3 | 9.4 |
| MATHEMATICS | 9,142 | 6,756 | 11.9 | 8.7 | 7.2 | 5.5 | 5.2 |
| PHYSICAL EDUCATION \& HEALTH | 10,390 | 5,634 | 10.2 | 7.9 | 7.4 | 6.5 | 6.2 |
| SCIENCE | 7,043 | 5,298 | 13.6 | 10.4 | 8.3 | 7.1 | 5.7 |
| SELF-CONTAINED | 16,507 | 11,949 | 9.7 | 7.5 | 6.3 | 5.4 | 4.9 |
| SOCIAL STUDIES | 6,879 | 4,941 | 10.6 | 8.5 | 6.8 | 5.8 | 5.2 |
| SPECIAL EDUCATION | 7,402 | 3,883 | 11.3 | 7.9 | 8.0 | 6.2 | 5.7 |
| TOTAL | 86,414 | 57,179 | 10.6 | 8.0 | 6.9 | 5.8 | 5.4 |

[^0]|  | SECONDARY (GRADES 9-12) |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| BILINGUAL/ESL | 103 | 29 | 16.6 | 9.4 | 15.0 | 7.8 | 12.5 |
| CAREER AND TECHNICAL ED | 19,503 | 11,957 | 12.4 | 11.5 | 10.8 | 9.5 | 8.3 |
| COMPUTER SCIENCE | 1,699 | 619 | 12.6 | 12.0 | 11.6 | 10.9 | 10.5 |
| ENGLISH AS A SECOND LANGUAGE | 2,693 | 1,030 | 9.8 | 6.7 | 6.3 | 5.3 | 4.5 |
| ENGLISH LANGUAGE ARTS | 18,954 | 12,342 | 10.7 | 8.1 | 6.9 | 5.5 | 5.4 |
| FINE ARTS | 9,583 | 6,443 | 8.5 | 7.7 | 6.5 | 6.0 | 6.1 |
| LANGUAGES OTHER THAN ENGLISH | 6,883 | 5,196 | 16.2 | 14.2 | 12.8 | 10.6 | 9.1 |
| MATHEMATICS | 15,549 | 11,435 | 13.1 | 11.3 | 10.9 | 9.8 | 8.1 |
| PHYSICAL EDUCATION \& HEALTH | 22,360 | 10,338 | 9.2 | 7.9 | 6.7 | 9.0 | 9.2 |
| SCIENCE | 14,485 | 9,956 | 18.3 | 14.7 | 13.2 | 12.4 | 9.9 |
| SELF-CONTAINED | 105 | 30 | 43.8 | 50.0 | 38.2 | 20.0 | 30.0 |
| SOCIAL STUDIES | 15,839 | 10,097 | 10.2 | 8.2 | 6.7 | 5.8 | 6.0 |
| SPECIAL EDUCATION | 10,329 | 3,298 | 13.0 | 8.0 | 8.1 | 6.2 | 5.9 |
| TOTAL | 138,085 | 82,771 | 12.3 | 10.3 | 9.2 | 8.4 | 7.6 |
|  |  | ALL GRADE LEVELS |  |  |  |  |  |
| SPECIAL EDUCATION | 13,929 | 10,937 | 9.2 | 6.6 | 6.7 | 5.4 | 4.9 |
| GRAND TOTAL | 442,941 | 305,567 | 8.6 | 6.5 | 6.0 | 5.3 | 5.3 |

Explanations and abbreviations. Fine Arts comprises Art, Dance, Music, and Theatre Arts classes. Physical Education and Health comprises Physical Education classes and Health classes. The Self-Contained Classroom is a single classroom in which multiple subjects are taught by one teacher. It is included in the secondary school results because a small number of secondary schools include lower grades, such as 6, 7, and 8. FTE stands for full-time equivalent. Two half-time teachers count as one FTE.

Summary of methodology. Five tables were computed from the Who Is Teaching by District data for academic years 2007-08 through 2011-12. Each table contained percentages of teacher FTEs that were recorded as uncertified for each grade level and subject area found in the SBEC data. The table for academic year 2011-12 also included total numbers of teachers and total FTEs. Five additional tables were computed containing results for each grade level, combining subject areas. Finally, five tables were computed combining grade levels and subject areas. After computation, all fifteen tables were combined into one spreadsheet.


[^0]:    Source: SBEC Who Is Teaching by District data Michael C. Ramsay, Ph.D., Research Specialist

