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COLORADO COMMISSION ON



# HIGHER EDUCATION

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ACCESS TO HIGH-QUALITY, AFFORDABLE EDUCATION FOR ALL COLORADANS

**REPORT TO THE GENERAL ASSEMBLY  
PROGRAM RESULTS FOR EDUCATOR PREPARATION FY2010-2011  
SUBMITTED JANUARY 2012**

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This report is prepared pursuant to Senate Bill 10-036 and Colorado Revised Statute §23-1-121(6) to describe program results for, enrollment in, graduation rates from, and effectiveness of the review of educator preparation programs at institutions of higher education and designated agencies.

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## **I. OVERVIEW AND REPORT HIGHLIGHTS**

### **Overview**

DHE staff collected data for this report using the Student Unit Record Data System (SURDS) from all public and private institutions authorized to offer educator preparation programs for initial licensure, “add-on endorsements,” and advanced studies for already licensed educators. A complete list of authorized institutions is found in Tables 1 and 13 of this report. DHE staff do not edit the data reported by the colleges and universities.

CDE staff collected data on designated agencies authorized by the State Board of Education to offer alternative certification for teacher or principal initial licensure. The data were pulled from the annual Title II (of the federal Higher Education Opportunity Act) Report that CDE submits to the U.S. Department of Education annually. There are differences in the way the data are presented here because of differences in how the data are collected between the two state agencies. A complete list of designated agencies offering alternative certification is found in Tables 4 and 14 of this report. All data on alternative certification programs were provided by CDE.

Pursuant to §23-1-121(6) Colorado Revised Statutes, the Colorado Commission on Higher Education (CCHE) reports annually to the Education Committees of the General Assembly on enrollment in, completion rates from, and effectiveness of the review of educator preparation programs at institutions of higher education. In addition, Senate Bill 10-036 requires a report on the effectiveness of educator preparation programs using data collected from an educator in his or her first three years of placement. This report is to describe the relationships among different educator preparation programs in the state, including alternative programs, student academic growth, educator placement, and educator mobility and retention. Senate Bill 11-245 folded these two reporting requirements together and directed the Department of Higher Education (DHE) and Department of Education (CDE) to share any relevant data with the other agency for its completion.

DHE and CDE are currently working with one another and relevant stakeholders to fulfill new state reporting requirements. One of the goals of the state’s Educator Identifier System (per HB 09-1065) is to provide relevant data on the effectiveness of program graduates. For that to happen, the Student-Teacher Data Link and Educator Evaluation System (per SB 10-191) will need to be functional. This has not yet happened, as the evaluation system is currently being piloted. Once educators are evaluated and assigned an effectiveness rating these data will be provided to the preparation programs. The ability of the programs to use that data for program improvement will depend on the reliability and comparability of the data from different districts as well as the level of detail reported to the state. For instance, if the state can report back to the programs that 80% of their Elementary Education graduates were effective on Quality Standard 1, that is useful information. However, if the state can report that 80% of a program’s graduates were effective on Quality Standard 1, Element C, that is even more useful information. Whether or not the state will be able to report this specific level of detail back to the preparation programs depends on the functionality of evaluation system. Please refer to Section V of this report for more details.

## Report Highlights

The following are the major findings in this report for institution of higher-education based programs:

- Based upon available data, overall enrollment in educator preparation programs appears not to have changed between 2009-10 and 2010-11.
- In 2010-11, enrollment in undergraduate and post-baccalaureate programs increased slightly; enrollment in graduate programs decreased by four percent from last year.
- Enrollment of students aged  $\leq 24$  years increased 3.5%, reversing last year's trend of increases in students 25 years and older.
- The largest number of candidates were enrolled in Elementary Education (same as 2009-10), followed by Special Education Generalist (same as 2009-10), Social Studies, and Culturally and Linguistically Diverse Education: ESL.
- Content areas that are considered to be "high-need" in Colorado showed some change in enrollment. High-need areas include: Early Childhood Education (661, up from 537 last year); Culturally and Linguistically Diverse Education (both ESL and Bilingual combined were at 1,098, down from 1,247 last year); Foreign Language (228, up from 222 last year); Mathematics (498, up from 471 last year); Science (537, up from 536 last year); and Special Education Generalist (1,334 down from 1,342 last year).
- Changes in minority enrollment could not be accurately compared across academic years because of changes to federal race and ethnicity categories.
- The Department of Higher Education, Colorado Department of Education and Colorado Council of Deans of Education (CCODE) continue to collaborate to streamline and improve the reauthorization process and hold educator preparation programs accountable for improvement.
- This is the first year that the Department of Higher Education's annual Educator Preparation Report has included data on alternative certification educator preparation programs at designated agencies. Previously, the report only contained data on institution of higher education-based educator preparation programs.

## II. ENROLLMENT

This section lists all state approved educator preparation programs and provides information on the number of students enrolled in programs at institutions of higher education in Colorado as required by §23-1-121(6) Colorado Revised Statutes and at designated agencies as allowed by §22-60.5-205 Colorado Revised Statutes.

### **Institution of Higher Education-Based Program Total Enrollment**

Table 1 (below) lists all state approved educator preparation programs at institutions of higher education and summarizes total annual enrollment for the last six years. In total, **13,123** students were enrolled in approved educator preparation programs at 18 public and private institutions in Colorado in FY2011. The University of Northern Colorado led all public institutions in total enrollment in educator preparation programs with 3,986 students, followed by Metropolitan State College of Denver (1,931), the University of Colorado Denver (1,255), and the Colorado State University (879). Among private colleges and universities, Regis University enrolled the most educator preparation students with 1,139, followed by University of Phoenix (746) and Colorado Christian University (245).

Enrollment remained steady from 2009-10 to 2010-11. It should be noted that ongoing efforts to collect more accurate data have resulted in institutions reporting enrollment figures not previously reported, thus apparent increases in enrollment may be the result of more accurate reporting. It should also be noted that, starting FY2008-2009, enrollment in seven “specialist” endorsement areas were excluded from the grand total. Those areas were: Audiologist, School Counselor, School Nurse, School Physical Therapist, School Psychologist, School Social Worker and Speech/Language Pathologist. These seven programs’ enrollment data are now excluded from this report because there is no reliable way to predict which of the candidates in these programs will go on to work in a P12 setting.

**TABLE 1: PROGRAM ENROLLMENTS BY INSTITUTION OVER THE LAST SIX YEARS**

| <b>Institution</b>                                   | <b>2006</b>   | <b>2007</b>   | <b>2008</b>   | <b>2009</b>   | <b>2010</b>   | <b>2011</b>   |
|--|---------------|---------------|---------------|---------------|---------------|---------------|
| Adams State College <sup>1</sup>                     | 286           | 204           | 166           | 185           | 486           | 473           |
| Colorado Christian University                        | 154           | 247           | 340           | 271           | 227           | 245           |
| Colorado College                                     | 86            | 77            | 61            | 60            | 62            | 59            |
| Colorado Mesa University                             | 297           | 228           | 300           | 321           | 364           | 219           |
| Colorado State University                            | 810           | 922           | 803           | 761           | 772           | 879           |
| Colorado State University - Pueblo                   | 354           | 393           | 338           | 304           | 387           | 411           |
| Fort Lewis College                                   | 255           | 307           | 269           | 234           | 219           | 227           |
| Jones International University <sup>2</sup>          | 530           | 637           | 734           | 69            | 121           | 125           |
| Metropolitan State College of Denver <sup>3</sup>    | 1,814         | 1,699         | 1,435         | 1,674         | 1,868         | 1,931         |
| Regis University <sup>9</sup>                        | 983           | 934           | 810           | 754           | 907           | 1,139         |
| Rocky Mtn. Coll. Art + Design                        | 38            | --            | 35            | 52            | 55            | 59            |
| University of Colorado Boulder <sup>4</sup>          | 642           | 622           | 528           | 513           | 871           | 694           |
| University of Colorado Colorado Springs <sup>5</sup> | 94            | 79            | 98            | 314           | 426           | 351           |
| University of Colorado Denver                        | 1,371         | 1,392         | 1,343         | 1,423         | 1,339         | 1,255         |
| University of Denver <sup>6</sup>                    | 65            | 55            | 65            | 210           | 174           | 213           |
| University of Northern Colorado                      | 2,569         | 2,751         | 3,283         | 3,520         | 3,770         | 3,986         |
| University of Phoenix <sup>7</sup>                   | 548           | 1,064         | 919           | 473           | 782           | 746           |
| Western State College                                | 107           | 244           | 191           | 104           | 140           | 111           |
| <b>Grand Total<sup>8</sup></b>                       | <b>11,102</b> | <b>11,855</b> | <b>11,718</b> | <b>11,242</b> | <b>12,970</b> | <b>13,123</b> |

Note: The counts are unduplicated by each category. Because of variations in the submission of the student data, the total counts vary slightly from table to table.

<sup>1</sup>Previous to 2010, ASC was not reporting enrollment in Culturally and Linguistically Diverse Education: ESL, Principal, Reading Teacher, or Special Education Generalist.

<sup>2</sup>Starting 2009, JIU is reporting enrollment for its Colorado residents only.

<sup>3</sup>Numbers include enrollment in Teachers in Residence alternative certification program. Metro started reporting enrollment in Culturally and Linguistically Diverse Education: ESL in 2010.

<sup>4</sup>Previous to 2010, UCB was not reporting enrollment in Culturally and Linguistically Diverse Education: ESL, Reading Teacher, and Special Education Generalist.

<sup>5</sup>Numbers reported by UCCS for 2006-2008 do not include candidates in the special education, principal or counselor programs.

<sup>6</sup>Numbers reported by DU for 2005-2008 do not include candidates in all endorsement areas they offer.

<sup>7</sup>University of Phoenix did not report all Elementary Education enrollees in 2009.

<sup>8</sup>Comparing the grand totals for 2009 - 2011 to previous years is not reliable because starting 2009, seven specialist endorsement areas are no longer being included in total enrollment.

<sup>9</sup>Regis University was not reporting enrollment in all of its programs prior to FY2011.

### **Institution of Higher Education –Based Undergraduate, Post-Baccalaureate, and Graduate Enrollments**

Table 2 (below) summarizes enrollment by degree level (undergraduate, post-baccalaureate, and graduate) and by institution. It should be noted that comparisons between this year and previous years are not reliable because several institutions began reporting student level differently in

2010-11. (Previously there was confusion around whether students should be coded as “graduate” versus “post-baccalaureate.”)

**TABLE 2: PROGRAM ENROLLMENTS FOR ALL ENDORSEMENT/LICENSURE AREAS BY LEVEL BY INSTITUTION FOR 2010-11**

| <b>Institution</b>                      | <b>Graduate</b> | <b>Post-Bacc.</b> | <b>Undergraduate</b> | <b>Total<sup>1</sup></b> |
|---|-----------------|-------------------|----------------------|--------------------------|
| Adams State College                     | 192             | 86                | 198                  | 476                      |
| Colorado Christian University           | 2               | 42                | 204                  | 248                      |
| Colorado College                        | 50              | 1                 | 8                    | 59                       |
| Colorado Mesa University                | 37              | 32                | 150                  | 219                      |
| Colorado State University               | 146             | 69                | 671                  | 886                      |
| Colorado State University Pueblo        | 67              | 53                | 296                  | 416                      |
| Fort Lewis College                      | --              | 63                | 194                  | 257                      |
| Jones International University          | 125             | --                | --                   | 125                      |
| Metropolitan State College of Denver    | 49              | 677               | 1,246                | 1,972                    |
| Regis University                        | 715             | 148               | 451                  | 1,314                    |
| Rocky Mtn. Coll. Art & Design           | --              | --                | 59                   | 59                       |
| University of Colorado Boulder          | 185             | 138               | 399                  | 722                      |
| University of Colorado Colorado Springs | 189             | 50                | 124                  | 363                      |
| University of Colorado Denver           | 1,166           | 1                 | 90                   | 1,257                    |
| University of Denver                    | 180             | 34                | 4                    | 218                      |
| University of Northern Colorado         | 872             | 121               | 3,008                | 4,001                    |
| University of Phoenix                   | 518             | --                | 228                  | 746                      |
| Western State College                   | 91              | --                | 20                   | 111                      |
| <b>Grand Total</b>                      | <b>4,584</b>    | <b>1,515</b>      | <b>7,350</b>         | <b>13,449</b>            |
| <b>% Grand Total</b>                    | <b>34%</b>      | <b>11%</b>        | <b>55%</b>           | <b>100%</b>              |

<sup>1</sup>These totals differ from the unduplicated totals in Table 1 because some students move from one level to the next during the year and get counted twice.

**Institution of Higher Education –Based Enrollment by Licensure/Endorsement Area over the Last Four Years**

Table 3 (below) summarizes total enrollment in each endorsement area for all institutions for the last six years. Some of the large increases from one year to the next may be due to the institution not previously reporting enrollment in that endorsement area. It should also be noted that the reason the grand total in this table varies from the grand total in Table 1 is that some candidates are enrolled in two or more endorsement areas and are thus counted twice. An example would be a candidate in Elementary Education who is also completing an “add-on” endorsement in Special Education Generalist.

**TABLE 3: INSTITUTION OF HIGHER EDUCATION-BASED PROGRAM  
UNDUPLICATED ENROLLMENTS BY ENDORSEMENT/LICENSURE AREAS OVER  
THE LAST SIX YEARS**

| <b>Endorsement/Licensure Area<sup>1</sup></b>          | <b>2006</b> | <b>2007</b> | <b>2008</b> | <b>2009</b>        | <b>2010</b> | <b>2011</b> |
|--|-------------|-------------|-------------|--------------------|-------------|-------------|
| Administrator (Superintendent) (3.04)                  | 55          | 55          | 45          | 73                 | 61          | 53          |
| Agriculture & Renewable Natural Resources (8.03)       | 24          | 25          | 18          | 16                 | 18          | 24          |
| Art (8.04)   | 333         | 314         | 345         | 356                | 389         | 402         |
| Business and Marketing Education (8.05)                | 51          | 20          | 22          | 29                 | 34          | 15          |
| Business Education (8.05)                              | 24          | 20          | 18          | 21                 | 30          | 28          |
| CLDE Specialist: Bilingual Education (8.23)            | 27          | 7           | 42          | 29                 | 42          | 34          |
| Culturally and Linguistically Diverse Education (8.22) | 344         | 246         | 615         | 774                | 1,205       | 1,166       |
| Drama (8.07)   | 32          | 51          | 61          | 74                 | 72          | 59          |
| Early Childhood Education (8.01)                       | 186         | 212         | 259         | 383                | 537         | 662         |
| ECE Special Education: Specialist (9.04)               | 5           | 8           | 8           | 16                 | 181         | 114         |
| ECE Special Education (9.08)                           | 159         | 126         | 176         | 169                | 91          | 198         |
| Elementary Education (8.02)                            | 4,190       | 4,989       | 4,675       | 3,793 <sup>2</sup> | 4,216       | 4,075       |
| English Language Arts (8.09)                           | 732         | 800         | 797         | 824                | 931         | 1,002       |
| Family and Consumer Studies (8.12)                     | 87          | 39          | 25          | 28                 | 34          | 45          |
| Foreign Language (8.10)                                | 158         | 169         | 172         | 207                | 222         | 234         |
| Gifted Education Specialist (9.05)                     | 23          | 20          | 58          | 41                 | 59          | 51          |
| Health (8.11)  | --          | --          | --          | 1                  | 1           | 2           |
| Instructional Technology Specialist (10.06)            | --          | --          | --          | --                 | 26          | 20          |
| Instructional Technology Teacher (8.08)                | --          | 11          | 38          | 9                  | 28          | 50          |
| Marketing Education (8.05)                             | 36          | 4           | 5           | 1                  | 1           | --          |
| Mathematics (8.14)                                     | 354         | 384         | 390         | 415                | 471         | 505         |
| Music (8.15)   | 288         | 328         | 305         | 385                | 430         | 511         |
| Occupational Therapist, School (11.02)                 | 32          | 98          | 4           | 28                 | 43          | 26          |
| Orientation & Mobility Specialist, School (11.03)      | 2           | 2           | 26          | 33                 | 42          | 35          |
| Physical Education (8.16)                              | 330         | 339         | 337         | 388                | 398         | 371         |
| Principal (3.03)                                       | 627         | 633         | 690         | 776                | 927         | 772         |
| Reading Specialist (10.04)                             |             |             |             | 1                  | --          | 21          |
| Reading Teacher (10.03)                                | 219         | 221         | 191         | 268                | 252         | 222         |
| School Librarian (10.02)                               | --          | --          | --          | 83                 | 96          | 144         |
| Science (8.17)   | 461         | 465         | 450         | 492                | 536         | 540         |
| Social Studies (8.18)                                  | 872         | 850         | 877         | 964                | 973         | 1,189       |
| Special Education Director (10.05)                     | --          | --          | --          | 64                 | 53          | 58          |
| Special Education Specialist (9.01)                    | --          | --          | --          | 0                  | 8           | 8           |
| Special Education Generalist (9.06)                    | 758         | 849         | 851         | 1,226              | 1,342       | 1,379       |
| Special Ed. Specialist: Deaf/Hard of                   | 36          | 4           | 35          | 37                 | 36          | 39          |



|  |               |               |               |               |               |               |
|--|---------------|---------------|---------------|---------------|---------------|---------------|
| Hearing (9.03)                                   |               |               |               |               |               |               |
| Special Ed. Specialist: Visually Impaired (9.02) | 29            | 11            | 39            | 45            | 51            | 40            |
| Speech (8.19)                                    | 15            | 15            | 14            | 19            | 10            | 22            |
| Teacher Librarian (10.02)                        | --            | --            | --            | 87            | 71            | 51            |
| Technology Education (8.13)                      | --            | --            | --            | 8             | 4             | 4             |
| Undeclared or Unknown <sup>3</sup>               | 293           | 304           | 588           | 18            | 13            | 13            |
| <b>Grand Total</b>                               | <b>11,048</b> | <b>11,870</b> | <b>12,412</b> | <b>12,403</b> | <b>13,993</b> | <b>14,184</b> |

<sup>1</sup> It should be noted that CCU, DU, MSCD, Regis, UCCS and WSC also have alternative certification programs with a total of 230 candidates, which are reported in these endorsement areas.

<sup>2</sup> University of Phoenix did not report all Elementary Education enrollees in 2009, which explains that year's decrease.

<sup>3</sup> Starting 2009, institutions were not allowed to report more than 5% of their enrollment as "Undeclared or Unknown," which explains the decrease from previous years.

### **Alternative Certification Educator Preparation Programs at Designated Agencies**

Besides educator preparation programs at institutions of higher education, the state has approved certain designated agencies as alternative certification educator preparation programs. Per C.R.S. §22-60.5-205 these alternative certification programs are under the sole authority of the State Board of Education and CDE. The purpose of these one or two-year programs are to reduce the number of persons employed under emergency authorizations and to recruit and employ nontraditional teacher candidates. DHE does not participate in their approval or reauthorization. Table 4 (below) is a list of all State Board of Education approved alternative certification educator preparation programs at designated agencies and AY2009-10 enrollment.

**TABLE 4: ALTERNATIVE CERTIFICATION EDUCATOR PREPARATION PROGRAMS AT DESIGNATED AGENCIES AND AY2009-10 ENROLLMENT**

| <b>Designated Agency</b>                              | <b>AY2009-10 Enrollment</b> |
|---|-----------------------------|
| Archdiocese of Denver                                 | 22                          |
| Argosy University                                     | None reported               |
| Boettcher Teachers Program                            | 18                          |
| Boulder Journey School                                | 6                           |
| Centennial BOCES                                      | 41                          |
| Colorado Academy                                      | 4                           |
| Colorado Christian University                         | 28                          |
| Colorado State University - Pueblo                    | 32                          |
| Denver Academy <sup>1</sup>                           | 1                           |
| Denver Public Schools                                 | None reported               |
| Denver Teacher Residency                              | None reported               |
| Douglas County School District                        | None reported               |
| Eagle Rock School and Professional Development Center | 2                           |
| East Central BOCES                                    | 13                          |
| Friends' School                                       | 32                          |
| Get Smart Schools                                     | None reported               |
| Mountain BOCES  | 21                          |
| Metropolitan State College of Denver                  | 196                         |
| Naropa University <sup>1</sup>                        | 5                           |
| Northeast BOCES                                       | 5                           |
| Northwest BOCES                                       | 9                           |
| Pikes Peak BOCES                                      | None reported               |
| Principal Institute, LLC                              | None reported               |
| San Luis Valley BOCES                                 | 7                           |
| School Leaders for Colorado, Inc.                     | None reported               |
| South Central BOCES                                   | 8                           |
| Southeast BOCES                                       | 6                           |
| Stanley British Primary School                        | 39                          |
| Teach for America                                     | None reported               |
| The Teacher Institute at La Academia                  | 90                          |
| University of Colorado Colorado Springs               | 15                          |
| Weld E-3J <sup>1</sup>                                | 2                           |
| West Central Licensing Program (Uncompahgre BOCES)    | 6                           |
| Western State College                                 | 35                          |
| <b>Grand Total</b>                                    | <b>643</b>                  |

<sup>1</sup>These programs were discontinued in 2011. Enrollment is reported for candidates who are being allowed to complete the program.

### III. COMPLETERS

#### Institution of Higher Education-Based Program Completers by Endorsement Area

Table 5 (below) summarizes the number of candidates who completed an endorsement program and were eligible to receive their institution's recommendation for licensure in Colorado. It should be noted that this is the first year these data were collected. It should be noted that the number of program completers who actually applied for and received a Colorado license is unknown. DHE and CDE are currently creating a system to link these data and the percent of program completers who applied for and received a Colorado license should be able to be reported next year.

**TABLE 5: EDUCATOR PREPARATION PROGRAM UNDUPLICATED COMPLETERS BY ENDORSEMENT/LICENSURE AREAS<sup>1</sup>**

| Endorsement/Licensure Area                             | FY11 Completers |
|--|-----------------|
| Administrator (Superintendent) (3.04)                  | 9               |
| Agriculture & Renewable Natural Resources (8.03)       | 9               |
| Art (8.04)   | 89              |
| Business and Marketing Education (8.05)                | 8               |
| Business Education (8.05)                              | 12              |
| CLDE Specialist: Bilingual Education (8.23)            | 4               |
| Culturally and Linguistically Diverse Education (8.22) | 249             |
| Drama (8.07)   | 8               |
| Early Childhood Education (8.01)                       | 88              |
| ECE Special Education: Specialist (9.04)               | 35              |
| ECE Special Education (9.08)                           | 21              |
| Elementary Education (8.02)                            | 1,155           |
| English Language Arts (8.09)                           | 227             |
| Family and Consumer Studies (8.12)                     | 20              |
| Foreign Language (8.10)                                | 52              |
| Gifted Education Specialist (9.05)                     | --              |
| Health (8.11)  | --              |
| Instructional Technology Specialist (10.06)            | 6               |
| Instructional Technology Teacher (8.08)                | 6               |
| Marketing Education (8.05)                             | --              |
| Mathematics (8.14)                                     | 123             |
| Music (8.15)   | 94              |
| Occupational Therapist, School (11.02)                 | 10              |
| Orientation & Mobility Specialist, School (11.03)      | --              |
| Physical Education (8.16)                              | 83              |
| Principal (3.03)                                       | 166             |
| Reading Specialist (10.04)                             | 6               |
| Reading Teacher (10.03)                                | 47              |
| School Librarian (10.02)                               | 84              |

|   |              |
|---|--------------|
| Science (8.17)                                      | 141          |
| Social Studies (8.18)                               | 222          |
| Special Education Director (10.05)                  | --           |
| Special Education Specialist (9.01)                 | --           |
| Special Education Generalist (9.06)                 | 257          |
| Special Ed. Specialist: Deaf/Hard of Hearing (9.03) | 6            |
| Special Ed. Specialist: Visually Impaired (9.02)    | 7            |
| Speech (8.19)                                       | 3            |
| Teacher Librarian (10.02)                           | 17           |
| Technology Education (8.13)                         | --           |
| Undeclared or Unknown                               | 10           |
| <b>Grand Total</b>                                  | <b>3,274</b> |

<sup>1</sup> The numbers reported in Table 5 may not be completely reliable because, although the institutions had this information available, it was not in an easily reportable format and may not have been reported for all candidates. The institutions are creating systems to ensure accurate reporting of these data for next year.

### Alternative Certification Program Completers by Endorsement Area

Table 6 (below) summarizes the number of candidates who completed an alternative certification program at a designated agency and received a Colorado license.

**TABLE 6: ALTERNATIVE CERTIFICATION EDUCATOR PREPARATION PROGRAM COMPLETERS BY ENDORSEMENT/LICENSURE AREAS**

| Endorsement/Licensure Area                             | AY2007-08 | AY2008-09 | AY2009-10 |
|--|-----------|-----------|-----------|
| Administrator (Superintendent) (3.04)                  | --        | --        | --        |
| Agriculture & Renewable Natural Resources (8.03)       |           | 4         | 1         |
| Art (8.04)   | 22        | 15        | 13        |
| Business and Marketing Education (8.05)                | --        | --        | --        |
| Business Education (8.05)                              | 11        | 12        | 5         |
| CLDE Specialist: Bilingual Education (8.23)            | --        | --        | --        |
| Culturally and Linguistically Diverse Education (8.22) | 1         | 4         | 2         |
| Drama (8.07)   | 4         | 2         | 2         |
| Early Childhood Education (8.01)                       | 31        | 55        | 28        |
| ECE Special Education: Specialist (9.04)               | --        | --        | --        |
| ECE Special Education (9.08)                           | --        | --        | --        |
| Elementary Education (8.02)                            | 174       | 221       | 198       |
| English Language Arts (8.09)                           | 31        | 26        | 16        |
| Family and Consumer Studies (8.12)                     | 4         | 4         | 2         |
| Foreign Language (8.10)                                | 44        | 41        | 25        |
| Gifted Education Specialist (9.05)                     | --        | --        | --        |
| Health (8.11)  | 3         | 2         |           |
| Instructional Technology Specialist (10.06)            | --        | --        | --        |

|   |            |            |            |
|---|------------|------------|------------|
| Instructional Technology Teacher (8.08)             | 7          | 6          | 5          |
| Marketing Education (8.05)                          | 2          | 2          | --         |
| Mathematics (8.14)                                  | 40         | 47         | 47         |
| Music (8.15)  | 17         | 13         | 12         |
| Occupational Therapist, School (11.02)              | --         | --         | --         |
| Orientation & Mobility Specialist, School (11.03)   | --         | --         | --         |
| Physical Education (8.16)                           | 8          | 7          | 11         |
| Principal (3.03)                                    | --         | --         | --         |
| Reading Specialist (10.04)                          | --         | --         | --         |
| Reading Teacher (10.03)                             | --         | --         | --         |
| School Librarian (10.02)                            | 4          | 3          | 2          |
| Science (8.17)                                      | 22         | 30         | 47         |
| Social Studies (8.18)                               | 10         | 14         | 16         |
| Special Education Director (10.05)                  | --         | --         | --         |
| Special Education Specialist (9.01)                 | --         | --         | --         |
| Special Education Generalist (9.06)                 | 55         | 44         | 66         |
| Special Ed. Specialist: Deaf/Hard of Hearing (9.03) | --         | --         | --         |
| Special Ed. Specialist: Visually Impaired (9.02)    | --         | --         | --         |
| Speech (8.19)                                       | 1          | 2          | --         |
| Teacher Librarian (10.02)                           | --         | --         | --         |
| Technology Education (8.13)                         | --         | 5          | 3          |
| <b>Grand Total</b>                                  | <b>491</b> | <b>559</b> | <b>501</b> |

#### IV. DEMOGRAPHICS

##### Educator Candidate Demographics: Gender, Race & Ethnicity, and Age

Table 7 (below) illustrates the gender of candidates enrolled in educator preparation programs at institutions of higher education. Female candidates continue to comprise the vast majority of those enrolled, representing 76 percent of the student population (no change from 2009-10).

**TABLE 7: INSTITUTION OF HIGHER EDUCATION-BASED EDUCATOR PREPARATION PROGRAM ENROLLMENTS FOR ALL ENDORSEMENT/LICENSURE AREAS BY GENDER OVER THE LAST SIX YEARS**

| Gender       | 2006          | 2007          | 2008          | 2009          | 2010          | 2011          | % for 2011  |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|-------------|
| Female       | 8,521         | 9,023         | 8,952         | 8,983         | 9,867         | 10,009        | 76%         |
| Male         | 2,566         | 2,814         | 2,752         | 2,727         | 3,092         | 3,106         | 24%         |
| Unknown      |               | 7             | 2             | 8             | 13            | 12            | --          |
| <b>Total</b> | <b>11,087</b> | <b>11,844</b> | <b>11,706</b> | <b>11,718</b> | <b>12,972</b> | <b>13,127</b> | <b>100%</b> |

Table 8 (below) summarizes gender of candidates enrolled in alternative certification educator preparation programs at designated agencies. Of note, males represent a larger proportion of candidates in alternative programs compared to higher education-based programs.

**TABLE 8: ALTERNATIVE CERTIFICATION EDUCATOR PREPARATION PROGRAM ENROLLMENTS FOR ALL ENDORSEMENT/LICENSURE AREAS BY GENDER FOR AY2009-10**

| Gender       | AY2009-10  | % for AY2009-10 |
|--------------|------------|-----------------|
| Female       | 427        | 66%             |
| Male         | 216        | 34%             |
| Unknown      | --         | --              |
| <b>Total</b> | <b>643</b> | <b>100%</b>     |

Tables 9 and 10 (below) summarize race and ethnicity of candidates enrolled in educator preparation programs at institutions of higher education. Generally, candidates who are members of racial and ethnic minority groups represented small numbers of enrollees in educator preparation programs. Note also that in 2010-11 the federal race and ethnicity categories changed. Data for the old categories from 2006-2010 are reported in Table 9 and data for the new categories for FY2010-11 are reported in Table 10. A comparison of the percent of all students of color at public four-year institutions versus percent of students of color in educator preparation programs shows that minority enrollments in educator preparation programs are slightly lower than for all programs on campuses (Table 10).

**TABLE 9: INSTITUTION OF HIGHER EDUCATION-BASED EDUCATOR PREPARATION PROGRAM ENROLLMENTS FOR ALL ENDORSEMENT/LICENSURE AREAS BY RACE AND ETHNICITY FROM 2006 TO 2010**

| <b>Ethnicity</b>                  | <b>2006</b>   | <b>2007</b>   | <b>2008</b>   | <b>2009</b>   | <b>2010</b>   | <b>2011</b>   |
|-----------------------------------|---------------|---------------|---------------|---------------|---------------|---|
| Unknown Ethnicity                 | 815           | 994           | 1,097         | 896           | 1,264         | See the new race and ethnicity categories for 2011 below. |
| Non-Resident Alien                | 120           | 14            | 27            | 27            | 31            |   |
| Black, non-Hispanic               | 277           | 293           | 335           | 191           | 259           |   |
| American Indian or Alaskan Native | 115           | 136           | 152           | 139           | 137           |   |
| Asian or Pacific Islander         | 205           | 244           | 224           | 232           | 260           |   |
| Hispanic                          | 872           | 881           | 817           | 920           | 1,147         |   |
| White, non-Hispanic               | 8,697         | 9,288         | 9,061         | 9,319         | 9,978         |   |
| <b>Total</b>                      | <b>11,101</b> | <b>11,850</b> | <b>11,713</b> | <b>11,724</b> | <b>13,076</b> |   |

**TABLE 10: INSTITUTION OF HIGHER EDUCATION-BASED EDUCATOR PREPARATION PROGRAM ENROLLMENTS FOR ALL ENDORSEMENT/LICENSURE AREAS BY RACE AND ETHNICITY FOR 2011**

| <b>New Federal Race and Ethnicity Categories</b>            | <b>2011</b>   | <b>% for 2011</b> | <b>% of all public 4-year enrollees (for comparison)</b> |
|---|---------------|-------------------|--|
| Unknown Ethnicity   | 1,728         | 13%               | 6.01%  |
| Non-Resident Alien  | 24            | 0.18%             | 2.95%  |
| More than one race or ethnicity (non-Hispanic) <sup>1</sup> | 128           | 0.97%             | 1.38%  |
| Black or African American                                   | 266           | 2.0%              | 3.31%  |
| Native American or Alaska Native                            | 116           | 0.88%             | 1.22%  |
| Asian   | 204           | 1.55%             | 3.95%  |
| Native Hawaiian or other Pacific Islander                   | 13            | 0.10%             | 0.13%  |
| Hispanic/Latino   | 1,263         | 9.61%             | 10.65%   |
| White   | 9,397         | 71.51%            | 70.39%   |
| <b>Total</b>  | <b>13,139</b> | <b>100%</b>       | <b>100%</b>  |

<sup>1</sup> It should be noted that under these new federal categories, “Hispanic/Latino” trumps the other categories. That is, if an individual claims “Hispanic/Latino” ethnicity, they cannot claim any other category. That is why “More than one race or ethnicity” is for non-Hispanic/Latinos only.

Table 11 (below) summarizes race and ethnicity of candidates enrolled in alternative certification educator preparation programs at designated agencies.

**TABLE 11: ALTERNATIVE CERTIFICATION EDUCATOR PREPARATION PROGRAM ENROLLMENTS FOR ALL ENDORSEMENT/LICENSURE AREAS BY RACE AND ETHNICITY FOR AY2009-10**

| <b>Ethnicity</b>                               | <b>AY2009-10</b> | <b>% for AY2009-10</b> |
|--|------------------|------------------------|
| Unknown Ethnicity                              | Not reported     | --                     |
| Non-Resident Alien                             | Not reported     | --                     |
| More than one race or ethnicity (non-Hispanic) | 7                | 1.16%                  |
| Black or African American                      | 9                | 1.49%                  |
| Native American or Alaska Native               | 5                | 0.83%                  |
| Asian  | 13               | 2.15%                  |
| Native Hawaiian or other Pacific Islander      | 1                | 0.16%                  |
| Hispanic/Latino                                | 68               | 11.26%                 |
| White  | 501              | 82.95%                 |
| <b>Total</b>                                   | <b>604</b>       | <b>100%</b>            |

Table 12 (below) summarizes age level of candidates enrolled in educator preparation programs at institutions of higher education. Enrollments of candidates thirty-five years of age and older decreased 4 points from last year as did enrollment for candidates aged 25-34 years. However, enrollment for candidates aged 0-24 years increased by 8.5 points reversing last year's trend of increases in candidates 25 years and older.

**TABLE 12: INSTITUTION OF HIGHER EDUCATION-BASED EDUCATOR PREPARATION PROGRAM ENROLLMENTS FOR ALL ENDORSEMENT/LICENSURE AREAS BY AGE OVER THE LAST SIX YEARS**

| <b>Age</b>   | <b>2006</b>   | <b>2007</b>   | <b>2008</b>   | <b>2009</b>   | <b>2010</b>   | <b>2011</b>   | <b>% for 2011</b> |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|-------------------|
| 0-24 years   | 4,184         | 4,756         | 4,957         | 5,245         | 5,490         | 7,394         | 50%               |
| 25-34 years  | 3,905         | 3,921         | 3,696         | 3,876         | 4,369         | 4,293         | 29%               |
| 35+ years    | 2,999         | 3,164         | 3,054         | 2,794         | 3,328         | 3,229         | 21%               |
| <b>Total</b> | <b>11,088</b> | <b>11,841</b> | <b>11,707</b> | <b>11,915</b> | <b>13,187</b> | <b>14,916</b> | <b>100%</b>       |

Note: Some students were counted twice because they had birthdays at some point during the academic year that moved them from one age bracket to the next, which explains the high total count. This is a duplicated count.



## **V. REAUTHORIZATION**

### **Reauthorization Site Visits FY2010-2011**

Pursuant to 23-1-121 (4)(a)(I) Colorado Revised Statutes, the Colorado Commission on Higher Education (CCHE) and Colorado Department of Higher Education in conjunction with the State Board of Education (SBE) and Colorado Department of Education (CDE) are required to administer reviews of educator preparation programs at public and private institutions of higher education not more frequently than once every five years to ensure the programs meet the statutory requirements for reauthorization.

Four institution of higher education-based educator preparation programs were reviewed for reauthorization during FY2010-2011. They are Colorado College on October 20-22, 2010; Colorado Christian University (College of Undergraduate Studies and College of Adult and Graduate Studies) on March 7-10, 2011; Western State College on April 20-22, 2011; and Colorado State University-Pueblo on May 24-25, 2011 (a joint visit with the Teacher Education Accreditation Council [TEAC]).

### **Findings**

The educator preparation units at the four institutions have been reauthorized by the SBE and CCHE. The visiting teams identified strengths and weaknesses, as well as areas for improvement, at all of the programs. DHE and CDE staff hold the programs accountable for satisfactorily meeting areas for improvement by setting deadlines and providing assistance if necessary.

All reauthorized educator preparation programs at institutions of higher education—public and private—are compliant with the state’s statutory performance-based educator preparation measures. That is, all approved educator preparation programs have instituted competitive admission requirements; provide ongoing advising and screening of candidates; provide coursework that integrates theory and practice; instruct according to the State Board of Education’s content standards, Performance-Based Standards for Colorado Teachers and the teacher competencies in the *Rules for the Administration of the Educator Licensing Act of 1991*; require at least 800 hours or more of field-based experiences for initial teacher licensure and at least 300 hours for principal and administrator preparation; and conduct comprehensive evaluation of each candidate’s content knowledge and pedagogical ability, as well as survey graduates and school districts for feedback on how to improve their programs and meet the needs of local education agencies.

One reauthorization site visit is scheduled for FY2011-2012; Adams State College, March 5-7, 2012.

### **Alignment with Recent Legislation**

Senate Bill 08-212 (CAP4K) requires that educator preparation programs align with the new Colorado Academic Standards, including the definition of Postsecondary and Workforce Readiness, by December 15, 2012. DHE staff included this requirement in the reauthorization

process two years ago. DHE and CDE staff have also been meeting with Colorado Council of Deans of Education (CCODE) regarding this requirement and, to date, all educator preparation programs have already aligned to the new Colorado Academic Standards or are on track to meet the December 2012 deadline.

Senate Bill 10-191 requires the adoption of new Quality Teacher and Principal Standards. DHE and CDE staff have also been meeting with CCODE regarding the new, proposed Quality standards that State Board of Education recently adopted. The educator preparation programs began initial work during summer 2011 to align their programs to these new teacher and principal standards given that adoption of them was likely. Given final approval by the General Assembly, the educator preparation programs are in a good position to align their programs to these new standards. The programs understand that the current *Performance-Based Standards for Colorado Teachers* and the CDE content review are still in place.

Senate Bill 10-036 requires a report on the effectiveness of educator preparation programs using data collected from an educator in his or her first three years of placement. The report is to include the correlation between different educator preparation programs in the state, including alternative programs, student academic growth, educator placement, and educator mobility and retention. To this end, UCB, UCD and UNC are working on a process to clean, verify and analyze the SURDS data, which can be linked to CDE's Human Resources File and that may provide data on educator placement, retention, and other factors. Ultimately, the student-teacher data link that will be used, in part, to evaluate educators as effective or not, will be linked with these data to provide outcomes based information back to the preparation programs on how well their graduates perform as educators. The current work funded by the Department of Higher Education and being completed by UCB, UCD and UNC includes:

#### **Phase I: Pilot Data Cleaning (November-December 2011)**

The first outcome is to obtain a clean data file that links current teachers from the CDE 2010 HR file to their educator-prep program of record via licensure and 2004-2010 SURDS files. In the pilot phase, UCB, UCD, and UNC will focus on verifying teachers receiving initial licensure from their respective institutions. UCB, UCD, and UNC will jointly derive a series of decision rules for linking these teachers back to a single "preparation program of record" based on each institution's data.

#### **Phase II: Ongoing & Expanded Data Cleaning and Analysis (January -March 2012)**

In the second phase of the project, UCB, UCD, and UNC will explore the feasibility of linking endorsements in the areas of Culturally and Linguistically Diverse Education: ESL (8.22) and Special Education Generalist (9.06) back to Colorado preparation programs beginning with the subset of data from UCB, UCD, and UNC. In addition, the research team will request CDE 2011 HR file and the 2011 SURDS file in order to establish a two-year data file for UCB, UCD, and UNC.

After agreeing upon a common set of decision rules to attribute a teacher to a single "preparation program of record," the team will divide the work of roster verification at all Colorado institutions of higher education using the CDE 2010 HR file and 2004-2010 SURDS files. In addition, the team will work closely with the Data Advisory Committee

(DAG) committee, Colorado Council of Deans of Education (CCODE), and the appropriate person at each institution (e.g., program director, assistant dean, assessment coordinator) to train the institution of higher education based educator preparation programs how to manage their data so that compliance with SB 10-036 and 11-245 will be feasible for them in the future.

The products of phases I and II will be (1) a clean data file based on the CDE 2010 HR file that includes all institution of higher education based initial licensure preparation programs as well as Culturally & Linguistically Diverse Education: ESL (8.22) and Special Education Generalist (9.06) endorsements that have been verified by their respective IHE by March 15, 2012.

### **Phase III: Data Analysis (March-May 2012)**

After preparing a clean educator preparation file, UCB, UCD, and UNC will answer research questions to the extent possible with available data that address the following topics:

1. What process do IHEs use to identify “completers” for initial teacher licensure and additional endorsements in Culturally and Linguistically Diverse Education (8.22) and/or Special Education Generalist (9.06)?
2. What are the demographic characteristics of Colorado teachers who received their preparation at Colorado IHEs? How do these demographics vary by IHE?
3. How do teacher placement rates in Colorado schools and school districts compare across IHEs?
4. How do school districts of teachers with initial licensure versus additional endorsements from Colorado IHEs compare in terms of student demographic and achievement characteristics?
5. What is the rate of transfer to a new school/district from December 2010 school year to December 2011? What is the rate of retention by IHE? What is the relationship between type of preparation (undergrad, graduate, alternative) and these rates? Are teachers with higher GPAs and/or licensure scores more likely to persist? Less likely to transfer?

The product of Phase III will be a final document by June 1, 2012.

## **New Educator Preparation Program Approvals FY2010-2011**

Fifteen new educator preparation programs were granted initial approval in FY2010-2011:

- Art (8.04), Business and Marketing Education (8.05), Business Education (8.05), Elementary Education (8.02), English Language Arts (8.09), Health (8.11), Mathematics (8.14), Science (8.17), and Social Studies (8.18) endorsement programs at Colorado Technical University.
- Drama (8.07) teacher endorsement program at Ft. Lewis College.
- Gifted Talented Specialist (9.05) endorsement program at University Colorado Colorado Springs.
- Reading Teacher (10.03) and Reading Specialist (10.04) endorsement programs at Regis University.
- Special Education Generalist (9.06) endorsement program at University of Phoenix.
- Science (8.17) endorsement program at University of Colorado Denver.

## **VI. EDUCATOR PREPARATION PROGRAM ENROLLMENT BY ENDORSEMENT AREA**

Table 13 (below) lists all approved higher education-based educator preparation programs in the state by endorsement/licensure area. The existence of the program at the institution is denoted by the number of candidates enrolled in the program for FY2010-2011 or an asterisk. A more detailed list of approved educator preparation programs at institutions of higher education in Colorado is available at <http://higher.ed.colorado.gov/Academics/TeacherEd/>.

Table 14 (below) lists all approved alternative certification educator preparation programs at designated agencies in the state by endorsement/licensure area.



| CONTINUED FROM PREVIOUS PAGE                             | ASC | CCU | CC | CMU | CSU | CSUP | DS | FLC | JIU | MSCD | RU  | RMCAD | UCB | UCCS | UCD | DU | UNC | UP  | WSC |
|--|-----|-----|----|-----|-----|------|----|-----|-----|------|-----|-------|-----|------|-----|----|-----|-----|-----|
| INSTRUCTIONAL TECHNOLOGY SPECIALIST (10.06)              |     |     |    |     |     | 0    |    |     |     |      |     |       |     |      | 20  |    |     |     |     |
| INSTRUCTIONAL TECHNOLOGY TEACHER (8.08)                  |     |     |    |     | 3   | 17   |    |     | 10  |      | 2   |       |     |      | 16  |    |     |     |     |
| MARKETING EDUCATION (8.05)                               |     |     |    |     | 0   |      |    |     | 0   |      |     |       |     |      |     |    |     | 0   |     |
| MATHEMATICS (8.14)                                       | 1   | 6   | 3  | 14  | 59  | 14   |    | 9   | 3   | 103  | 11  |       | 36  | 9    | 19  | 5  | 191 | 8   | 7   |
| MUSIC (8.15)   | 6   | 10  | 2  | 8   | 84  | 25   |    | 11  | 1   | 64   | 1   |       | 102 |      |     | 4  | 196 |     | 1   |
| NURSE, SCHOOL (11.05)                                    |     |     |    | *   |     | *    |    |     |     | *    | 0   |       |     |      | 0   |    | *   |     |     |
| OCCUPATIONAL THERAPIST, SCHOOL (11.02)                   |     |     |    |     | 26  |      |    |     |     |      |     |       |     |      |     |    |     |     |     |
| ORIENTATION AND MOBILITY SPECIALIST, SCHOOL (11.03)      |     |     |    |     |     |      |    |     |     |      |     |       |     |      |     |    | 35  |     |     |
| PHYSICAL EDUCATION (8.16)                                | 14  | 1   |    | 13  |     | 55   |    | 17  | 4   | 78   |     |       |     |      |     |    | 202 |     | 4   |
| PHYSICAL THERAPIST, SCHOOL (11.04)                       |     |     |    |     |     |      |    |     |     |      | 0   |       |     |      | *   |    |     |     |     |
| PRINCIPAL (3.03)   | 125 |     |    | 17  | 46  |      |    |     | 8   |      | 27  |       |     | 85   | 139 | 32 | 103 | 170 | 8   |
| PSYCHOLOGIST, SCHOOL (11.06)                             |     |     |    |     |     |      |    |     |     |      |     |       |     |      | *   | *  | *   |     |     |
| READING SPECIALIST (10.04)                               |     |     |    |     |     |      |    |     |     |      | 0   |       |     |      |     |    | 0   |     | 0   |
| READING TEACHER (10.03)                                  | 17  |     |    |     |     |      |    |     |     |      | 0   |       | 23  | 0    | 128 |    | 51  |     | 0   |
| LIBRARIAN, SCHOOL (10.02)                                |     |     |    |     |     |      |    |     |     |      |     |       |     |      | 53  | 71 | 20  |     |     |
| SCIENCE (8.17)   | 1   | 4   | 7  | 7   | 92  | 16   |    | 12  | 2   | 90   | 25  |       | 66  | 9    | 25  | 8  | 148 | 22  | 3   |
| SOCIAL STUDIES (8.18)                                    | 6   | 13  | 9  | 14  | 131 | 27   |    | 22  | 2   | 180  | 59  |       | 56  | 16   | 51  | 4  | 376 | 215 | 5   |
| SOCIAL WORKER, SCHOOL (11.07)                            |     |     |    |     | *   |      |    |     |     |      |     |       |     |      |     | *  |     |     |     |
| SPEECH (8.19)  |     |     |    |     | 10  |      |    |     | 0   |      | 0   |       |     |      |     |    | 12  |     |     |
| SPEECH/LANGUAGE PATHOLOGIST, SCHOOL (11.08)              |     |     |    |     |     |      |    |     |     |      |     |       | *   |      |     |    | *   |     |     |
| TEACHER LIBRARIAN (10.02)                                |     |     |    |     |     |      |    |     |     |      |     |       |     |      | 51  |    |     |     |     |
| TECHNOLOGY EDUCATION (8.13)                              |     |     |    |     | 3   |      |    |     |     | 1    |     |       |     |      |     |    |     |     |     |
| TRADE AND INDUSTRY EDUCATION (8.21)                      |     |     |    |     |     |      |    |     | 0   |      |     |       |     |      |     |    |     |     |     |
| SPECIAL EDUCATION DIRECTOR (10.05)                       |     |     |    |     |     |      |    |     |     |      |     |       |     |      |     | 0  | 58  |     |     |
| SPECIAL EDUCATION GENERALIST (9.06)                      | 45  | 7   |    |     |     | 34   |    |     |     | 383  | 153 |       | 15  | 155  | 127 |    | 374 | 0   | 41  |
| SPECIAL EDUCATION SPECIALIST (9.01)                      |     |     |    |     |     |      |    |     |     |      |     |       |     |      |     |    | 8   |     |     |
| SPECIAL EDUCATION SPECIALIST-VISUALLY IMPAIRED (9.02)    |     |     |    |     |     |      |    |     |     |      |     |       |     |      |     |    | 41  |     |     |
| SPECIAL EDUCATION SPECIALIST-DEAF/HARD OF HEARING (9.03) |     |     |    |     |     |      |    |     |     |      |     |       |     |      |     |    | 39  |     |     |
| ECE SPECIAL EDUCATION SPECIALIST (9.04)                  |     |     |    |     |     |      |    |     |     |      |     |       | 0   |      | 118 |    | 80  |     |     |
| ECE SPECIAL EDUCATION (9.08)                             |     |     |    |     |     |      |    |     |     |      | 29  |       |     |      |     |    | 80  |     |     |

\* Indicates that candidates in the endorsement area cannot be identified with any accuracy. The program prepares graduates to work in a variety of settings and there is no way to predict how many graduates will apply for CDE licensure and work in P12 schools.

<sup>1</sup> The numbers in parentheses indicate where to find endorsement requirements in the *Rules for the Administration of the Educator Licensing Act of 1991*.

<sup>2</sup> The reported enrollment for CLDE Specialist: Bilingual Education may be low as these candidates are difficult to identify. Licensure in this area requires taking an additional test and demonstrating competency in a foreign language, neither of which are done at the institution level.

**TABLE 14: ALTERNATIVE EDUCATOR PREPARATION PROGRAM COMPLETERS FOR ALL ENDORSEMENT AREAS BY DESIGNATED AGENCY 2009-2010**

|  | ARCHDIOCESE OF DENVER | BOULDER JOURNEY SCHOOL | CENTENNIAL BOCES | COLORADO ACADEMY | COLORADO CHRISTIAN ACADEMY | COLORADO STATE UNIVERSITY - PUEBLO | DENVER ACADEMY | EAGLE ROCK SCHOOL OF PROF DEVELOPMENT | EAST CENTRAL BOCES | FRIENDS SCHOOL | MAPLETON/BOETTCHER TEACHERS | METROPOLITAN STATE COLLEGE | MOUNTAIN BOCES | NAROPA UNIVERSITY | NORTHEAST BOCES | NORTHWEST BOCES | SAN LUIS VALLEY BOCES | SOUTH CENTRAL BOCES | SOUTH EAST BOCES | STANLEY BRITISH PRIMARY SCHOOL | TEACHER INSTITUTE AT LA ACADEMIA | UNIVERSITY OF COLORADO, COLORADO SPRINGS | WELD E-3J | WEST CENTRAL LICENSING | WESTERN STATE COLLEGE |
|--|-----------------------|------------------------|------------------|------------------|----------------------------|------------------------------------|----------------|---------------------------------------|--------------------|----------------|-----------------------------|----------------------------|----------------|-------------------|-----------------|-----------------|-----------------------|---------------------|------------------|--------------------------------|----------------------------------|--|-----------|------------------------|-----------------------|
| ART (8.04)   | 1                     |                        | 2                |                  |                            |                                    |                |                                       |                    | 1              |                             | 3                          | 4              | 1                 |                 |                 |                       |                     |                  |                                |                                  |  |           |                        |                       |
| AGRICULTURE AND RENEWABLE NATURAL RESOURCES (8.03) |                       |                        |                  |                  |                            |                                    |                |                                       |                    |                |                             |                            |                |                   |                 |                 |                       |                     | 1                |                                |                                  |  |           |                        |                       |
| BUSINESS AND MARKETING EDUCATION (8.05)            |                       |                        |                  |                  |                            | 1                                  |                |                                       | 1                  |                |                             |                            |                |                   | 1               |                 |                       |                     |                  |                                | 1                                |  |           | 1                      |                       |
| DRAMA (8.07)                                       | 1                     |                        |                  |                  |                            |                                    |                |                                       |                    |                |                             |                            |                |                   |                 |                 |                       |                     |                  |                                |                                  |  |           | 1                      |                       |
| EARLY CHILDHOOD EDUCATION (8.07)                   |                       | 2                      |                  |                  | 3                          |                                    |                |                                       | 1                  | 5              |                             | 9                          |                |                   |                 |                 |                       |                     |                  |                                | 7                                | 1  |           |                        |                       |
| ELEMENTARY EDUCATION (8.02)                        | 4                     |                        | 10               | 2                | 10                         |                                    |                |                                       | 2                  | 25             | 11                          | 23                         | 7              | 1                 |                 |                 | 1                     | 3                   | 1                | 31                             | 46                               |  | 1         | 1                      | 19                    |
| ENGLISH LANGUAGE ARTS (8.09)                       | 1                     |                        | 1                | 1                | 2                          | 2                                  | 1              |                                       |                    |                |                             |                            | 2              |                   |                 |                 |                       |                     |                  |                                | 5                                | 1  |           |                        |                       |
| FAMILY AND CONSUMER STUDIES (8.12)                 |                       |                        |                  |                  |                            |                                    |                |                                       |                    |                |                             |                            |                |                   | 1               |                 |                       |                     |                  |                                |                                  | 1  |           |                        |                       |
| FOREIGN LANGUAGE (8.10)                            | 4                     |                        | 3                |                  |                            | 2                                  |                | 1                                     |                    |                |                             | 6                          | 2              |                   |                 |                 |                       |                     |                  |                                | 2                                | 3  |           | 1                      | 1                     |
| HEALTH (8.11)                                      |                       |                        |                  |                  |                            |                                    |                |                                       |                    |                |                             |                            |                |                   |                 |                 |                       |                     |                  |                                |                                  |  |           |                        |                       |
| INSTRUCTIONAL TECHNOLOGY SPECIALIST (10.06)        | 1                     |                        | 1                |                  | 2                          |                                    |                |                                       |                    |                |                             |                            |                |                   |                 | 1               |                       |                     |                  |                                |                                  |  |           |                        |                       |
| LINGUISTICALLY DIVERSE EDUCATION                   |                       |                        |                  |                  |                            | 1                                  |                |                                       |                    |                |                             |                            |                |                   |                 |                 |                       |                     |                  |                                |                                  |  |           |                        | 4                     |
| MARKETING EDUCATION (8.05)                         |                       |                        |                  |                  |                            |                                    |                |                                       |                    |                |                             |                            |                |                   |                 |                 |                       |                     |                  |                                |                                  |  |           |                        |                       |
| MATHEMATICS (8.14)                                 | 4                     |                        | 9                |                  | 1                          |                                    |                | 1                                     | 1                  |                | 1                           | 14                         | 2              | 1                 |                 |                 | 1                     | 1                   |                  |                                | 2                                | 6  |           |                        | 3                     |
| MUSIC (8.15)                                       | 2                     |                        |                  |                  |                            |                                    |                |                                       | 1                  |                |                             | 2                          | 1              |                   |                 | 2               | 1                     |                     |                  |                                | 1                                |  |           |                        | 2                     |

|  |   |  |   |   |   |   |  |   |   |   |    |  |   |   |   |   |   |   |  |   |    |  |   |   |
|--|---|--|---|---|---|---|--|---|---|---|----|--|---|---|---|---|---|---|--|---|----|--|---|---|
| <b>PHYSICAL EDUCATION (8.16)</b>               | 2 |  | 3 |   |   |   |  | 1 | 1 |   |    |  |   |   | 2 | 1 | 1 |   |  |   |    |  |   |   |
| <b>SCIENCE (8.17)</b>                          | 1 |  | 3 | 1 | 2 | 3 |  | 3 |   | 4 | 10 |  |   | 1 | 2 | 2 |   | 2 |  | 2 | 10 |  | 1 |   |
| <b>TEACHER LIBRARIAN (10.02)</b>               | 1 |  | 1 |   |   |   |  |   |   |   |    |  |   |   |   |   |   |   |  |   |    |  |   |   |
| <b>SOCIAL STUDIES (8.18)</b>                   |   |  | 4 |   | 1 |   |  | 2 |   |   | 1  |  |   | 1 |   |   | 2 | 1 |  | 1 |    |  | 1 | 2 |
| <b>SPECIAL EDUCATION<br/>GENERALIST (9.06)</b> |   |  |   |   | 6 | 2 |  |   |   |   | 47 |  |   |   |   |   |   |   |  | 8 |    |  |   | 3 |
| <b>SPEECH (8.19)</b>                           |   |  |   |   |   |   |  |   |   |   |    |  |   |   |   |   |   |   |  |   |    |  |   |   |
| <b>TECHNOLOGY EDUCATION<br/>(8.13)</b>         |   |  |   |   | 1 |   |  |   |   |   |    |  | 1 |   | 1 |   |   |   |  |   |    |  |   |   |