

## Employment of Initially Certified Teachers 2011-2015

This table shows the number of candidates who have obtained initial standard teaching certificates through each preparation route, followed by the number and percentage who were employed as teachers the following academic year. The table also shows combined results for all routes. Employment as a substitute teacher was not included in the employment percentages.

**Definitions.** An initial teaching certificate is a standard or lifetime teaching certificate issued in a particular academic year to a teacher who was not issued a standard or lifetime teaching certificate in any previous academic year. A standard certificate is a certificate offered since 1998-99 that is renewed every five years.

### Results

- Teachers prepared through the alternative route had much higher employment rates than those prepared through the remaining routes.
- Employment percentages declined substantially in academic year 2011-12, but began to increase in the following academic year.
- The overall percent increase was nearly 20 percentage points over academic years 2012-13 through 2014-15.
- The largest increases were nearly 30 percentage points for the university post-baccalaureate and university undergraduate routes.

| Preparation Route     | Results for 2010-11 |          |         | Results for 2011-12 |          |         | Results for 2012-13 |          |         | Results for 2013-14 |          |         | Results for 2014-15 |          |         |
|-----------------------|---------------------|----------|---------|---------------------|----------|---------|---------------------|----------|---------|---------------------|----------|---------|---------------------|----------|---------|
|                       | 2009-10             | 2010-11  | 2010-11 | 2010-11             | 2011-12  | 2011-12 | 2011-12             | 2012-13  | 2012-13 | 2012-13             | 2013-14  | 2013-14 | 2013-14             | 2014-15  | 2014-15 |
|                       | Certified           | Employed | Percent | Certified           | Employed | Percent | Certified           | Employed | Percent | Certified           | Employed | Percent | Certified           | Employed | Percent |
| Alternative           | 13,078              | 10,931   | 83.6    | 12,588              | 9,664    | 76.8    | 7,315               | 5,851    | 80.0    | 8,683               | 7,524    | 86.7    | 10,626              | 9,410    | 88.6    |
| University Post-Bac.  | 1,775               | 1,004    | 56.6    | 1,687               | 818      | 48.5    | 1,199               | 742      | 61.9    | 1,043               | 766      | 73.4    | 1,090               | 850      | 78.0    |
| University Undergrad. | 10,414              | 5,656    | 54.3    | 9,595               | 4,554    | 47.5    | 9,806               | 6,475    | 66.0    | 10,314              | 7,659    | 74.3    | 9,883               | 7,571    | 76.6    |
| Out of State          | 3,384               | 1,985    | 58.7    | 2,750               | 1,476    | 53.7    | 2,100               | 1,260    | 60.0    | 2,691               | 1,828    | 67.9    | 3,223               | 2,283    | 70.8    |
| All Routes *          | 28,574              | 19,531   | 68.4    | 26,549              | 16,476   | 62.1    | 20,320              | 14,263   | 70.2    | 22,615              | 17,699   | 78.3    | 24,651              | 19,983   | 81.1    |

\* Results for individual routes may not sum to the totals for All Routes because the totals are counts rather than sums. A sum of routes would produce duplication as some teachers have been prepared through more than one route.

*Summary of methodology.* Five tables were extracted containing identification numbers and preparation routes of educators who obtained a standard teaching certificate for academic years 2010-11 through 2014-15. Five additional tables were extracted containing identification numbers of individuals who were employed as teachers for the following academic year. The two sets of tables were combined. For each preparation route, counts of certified teachers and of certified, employed teachers were obtained. Percentages were computed.

From each of the original five tables, a new table was obtained containing identification numbers of teachers prepared through any route. Additional tables were extracted as before, and the process outlined above was repeated. Finally, all results were combined into one table. Employment as a regular classroom teacher or a permanent substitute teacher was included as teaching employment. Teachers who obtained certification by demonstrating career experience were omitted from the certification data as this process is not considered a preparation route.