

Employment of Initially Certified Teachers 2013-2017

This table shows the number of candidates who obtained initial standard teaching certificates through each preparation route, followed by the number and percentage who were employed as teachers for the following academic year. The table also shows combined results for all routes. Employment as a permanently employed 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 higher employment rates than those prepared through the remaining routes.
- Employment percentages have increased each academic year, with smaller increases in recent years.
- The largest overall increase was 8.1 percentage points in academic year 2013-14, and the smallest, 0.6 percentage points in academic year 2015-16.
- The largest increase for an individual route was 11.6 percentage points for the university post-baccalaureate route in academic year 2013-14, followed by 8.7 percentage points for the out-of-state route in the same academic year.
- The out-of-state route had the lowest percentages beginning in academic year 2013-14, when it fell behind the university post-baccalaureate route.

Preparation Route	Results for 2012-13			Results for 2013-14			Results for 2014-15			Results for 2015-16			Results for 2016-17		
	2011-12 Certified	2012-13 Employed	2012-13 Percent	2012-13 Certified	2013-14 Employed	2013-14 Percent	2013-14 Certified	2014-15 Employed	2014-15 Percent	2014-15 Certified	2015-16 Employed	2015-16 Percent	2015-16 Certified	2016-17 Employed	2016-17 Percent
Alternative	7,308	5,851	80.1	8,683	7,522	86.6	10,616	9,401	88.6	12,076	10,688	88.5	12,320	10,943	88.8
University Post-Bac.	1,199	740	61.7	1,043	764	73.3	1,090	849	77.9	1,185	921	77.7	1,006	779	77.4
University Undergrad.	9,758	6,446	66.1	10,273	7,635	74.3	9,866	7,546	76.5	9,002	6,883	76.5	7,050	5,429	77.0
Out of State	2,016	1,246	61.8	2,582	1,820	70.5	3,119	2,276	73.0	3,444	2,549	74.0	2,397	1,793	74.8
All Routes *	20,185	14,221	70.5	22,468	17,665	78.6	24,530	19,945	81.3	25,644	20,991	81.9	22,748	18,924	83.2

* 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 2011-12 through 2015-16. 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. Then, 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.