

Standard Mathematics and Science Certificates by Certification Field and Grade Level 2008-2010

This table shows numbers and percentages of initial, standard Mathematics and Science teaching certificates broken down by certification field and grade level.

Mathematics Results

- The most frequently issued certificate was Mathematics 8-12, followed by Mathematics 4-8.
- Numbers of both these certificates increased markedly.
- Numbers of Mathematics/Science certificates remained the same.
- Overall, Mathematics certificates increased over the years examined, especially in fiscal year 2010.

Science Results

- The most frequently issued certificate was the Science Composite 8-12, followed by the Science 4-8.
- A large majority of certificates were Science Composite 8-12, Science 4-8, and Life Science 8-12.
- Physical Science 8-12 certificates showed a substantial decline in fiscal year 2009.
- In most fields and overall, certificates declined slightly in fiscal year 2009 but increased in fiscal year 2010.

Certification Field	Grade Level	Fiscal Year 2008		Fiscal Year 2009		Fiscal Year 2010	
		Number	Percent	Number	Percent	Number	Percent
Mathematics							
Mathematics	4-8	819	40.3	830	39.6	1,128	43.4
Mathematics	8-12	1,010	49.7	1,061	50.6	1,264	48.7
Mathematics/Science	4-8	202	9.9	204	9.7	206	7.9
All Fields	All	2,031	100.0	2,095	100.0	2,598	100.0
Science							
Chemistry	8-12	89	4.6	91	4.9	82	4.1
Life Science	8-12	430	22.4	425	22.7	419	21.1
Physical Science	8-12	88	4.6	60	3.2	65	3.3
Physical Science/Math/Engineering	8-12	7	0.4	6	0.3	16	0.8
Physics/Mathematics	8-12	30	1.6	24	1.3	45	2.3
Science	4-8	608	31.7	601	32.2	625	31.4
Science - Composite	8-12	664	34.7	662	35.4	736	37.0
All Fields	All	1,916	100.0	1,869	100.0	1,988	100.0

Summary of methodology. Six tables were extracted containing identification numbers, certification areas, certification fields, and grade levels of initial, standard teaching certificates in Mathematics and Science for fiscal years 2008 through 2010. For each fiscal year, certification field, and grade level, the number of certificates was obtained. Then, six additional tables were extracted containing identification numbers and certification areas of the same certificates for the same fiscal years. For each year and certification area, a total number of certificates was obtained. The number for each certification field and grade level was taken as a percentage of the Mathematics or Science total. Finally, all results were combined into one table.