

Appendix Table 1-15

Highest degree attainment of public middle and high school teachers, by teaching field, minority enrollment, and school poverty level: Academic years 2003–04, 2007–08, and 2011–12

(Percent distribution)

Teaching field/ school characteristic	Academic year 2003–04					Academic year 2007–08					Academic year 2011–12				
	Less than bachelor's degree	Bachelor's degree	Total	Master's or higher degree	Higher than master's degree ^a	Less than bachelor's degree	Bachelor's degree	Total	Master's or higher degree	Higher than master's degree ^a	Less than bachelor's degree	Bachelor's degree	Total	Master's or higher degree	Higher than master's degree ^a
Mathematics	0.3	51.6	48.0	41.8	6.2	0.2	46.3	53.5	46.6	6.9	2.6	41.5	55.9	49.1	6.9
Minority enrollment (%)															
0–5	0.2	51.5	48.3	44.8	3.5	0.1	43.4	56.6	53.3	3.2	2.2	39.6	58.2	50.4	7.8
> 5–45	0.4	49.0	50.6	44.5	6.1	0.2	45.6	54.2	48.0	6.3	2.8	39.5	57.6	52.2	5.4
> 45	0.3	54.5	45.2	37.8	7.4	0.1	47.7	52.1	43.7	8.5	2.4	43.6	54.0	46.0	8.0
School poverty level (%) ^b															
0–10	0.2	41.6	58.3	53.4	4.9	0.0	41.3	58.8	53.1	5.7	2.7	35.0	62.3	57.0	5.3
> 10–50	0.2	51.9	47.9	41.5	6.4	0.2	47.6	52.2	47.1	5.1	2.5	42.5	54.9	47.9	7.1
> 50	0.8	59.0	40.2	33.6	6.6	0.2	46.3	53.5	42.5	11.0	2.5	42.5	55.0	47.8	7.2
Science	0.1	47.9	52.0	44.6	7.4	0.4	42.0	57.6	49.9	7.6	2.7	35.9	61.4	51.7	9.6
Minority enrollment (%)															
0–5	0.4	41.9	57.7	54.0	3.7	0.5	40.3	59.2	53.2	6.0	2.5	33.8	63.7	51.0	12.7

Teaching field/ school characteristic	Academic year 2003–04					Academic year 2007–08					Academic year 2011–12				
			Master's or higher degree					Master's or higher degree					Master's or higher degree		
	Less than bachelor's degree	Bachelor's degree	Total	Master's degree	Higher than master's degree ^a	Less than bachelor's degree	Bachelor's degree	Total	Master's degree	Higher than master's degree ^a	Less than bachelor's degree	Bachelor's degree	Total	Master's degree	Higher than master's degree ^a
> 5–45	0.1	45.5	54.4	47.5	6.9	0.3	39.3	60.3	54.7	5.6	3.0	29.9	67.1	57.8	9.3
> 45	0.1	53.2	46.7	37.3	9.5	0.5	45.6	53.9	43.5	10.4	2.5	42.9	54.6	45.1	9.5
School poverty level (%) ^b															
0–10	0.0	33.4	66.6	58.5	8.1	0.6	30.8	68.6	61.4	7.2	1.9	27.1	71.1	59.4	11.6
> 10–50	0.2	48.4	51.3	44.0	7.4	0.3	41.7	58.0	50.5	7.5	2.6	31.5	65.9	56.7	9.2
> 50	0.0	57.4	42.6	35.4	7.2	0.7	50.6	48.8	40.6	8.2	3.2	44.7	52.1	42.9	9.2
Other ^c	2.3	48.4	49.3	41.2	8.0	1.7	45.5	52.9	45.0	7.9	4.9	37.0	58.1	48.8	9.3
Minority enrollment (%)															
0–5	1.9	46.9	51.2	45.0	6.2	2.4	42.8	54.9	48.7	6.2	5.7	37.2	57.1	52.0	5.1
> 5–45	1.9	46.2	51.9	44.0	7.9	1.6	42.1	56.3	48.9	7.4	4.8	35.0	60.2	51.2	9.1
> 45	3.0	51.8	45.2	36.3	9.0	1.5	49.8	48.7	39.9	8.8	4.8	39.2	56.0	45.7	10.3
School poverty level (%) ^b															
0–10	1.1	40.1	58.8	50.5	8.3	0.8	37.5	61.7	52.8	8.9	3.8	30.1	66.1	55.6	10.5
> 10–50	1.8	49.3	48.8	41.5	7.4	1.6	44.7	53.7	46.3	7.4	4.7	34.9	60.4	51.5	8.9



Teaching field/ school characteristic	Academic year 2003–04					Academic year 2007–08					Academic year 2011–12				
	Less than bachelor's degree	Bachelor's degree	Master's or higher degree			Less than bachelor's degree	Bachelor's degree	Master's or higher degree			Less than bachelor's degree	Bachelor's degree	Master's or higher degree		
			Total	Master's degree	Higher than master's degree ^a			Total	Master's degree	Higher than master's degree ^a			Total	Master's degree	Higher than master's degree ^a
> 50	2.7	52.9	44.4	34.7	9.7	1.5	51.7	46.8	38.8	8.0	4.7	42.3	53.0	43.5	9.5

^a Includes education specialist, certificate of advanced graduate studies, doctorate, or professional degree.

^b School poverty level is percentage of students in school qualifying for free/reduced-price lunch.

^c Other teachers include those who teach any subject other than mathematics or science.

NOTE: Percentages may not add to total because of rounding.

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, special tabulations (2014) of 2003–04, 2007–08, and 2011–12 Schools and Staffing Survey, National Center for Education Statistics.

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