

Appendix table 1-15

Qualifications of public middle and high school mathematics, biology/life science, and physical science teachers in main assignment field, by minority enrollment and school poverty level: Academic year 2003–04

(Percent distribution)

Field/school characteristic	Middle school teachers				High school teachers			
	In-field	Related field	General preparation	Out-of-field	In-field	Related field	General preparation	Out-of-field
Mathematics	53.5	3.9	37.5	5.1	87.4	2.0	3.1	7.5
Minority enrollment (%)								
0–5	72.9	0.2	25.2	1.7	91.3	0.7	4.9	3.2
>5–45	49.6	0.8	44.2	5.5	90.2	0.9	2.5	6.4
>45	51.5	8.6	34.2	5.7	82.8	3.8	3.0	10.4
School poverty level ^a (%)								
0–10	58.2	0.4	38.4	3.0	92.2	0.4	3.0	4.4
>10–50	56.4	1.3	38.4	3.8	87.5	2.6	3.1	6.8
>50	47.4	9.3	35.5	7.8	82.9	1.8	3.3	12.0
Biology/life science	54.8	16.2	19.4	9.5	91.9	3.6	1.3	3.2
Minority enrollment (%)								
0–5	—	—	—	—	95.6	2.9	0.9	0.6
>5–45	47.5	24.0	14.2	14.4	92.3	3.7	1.2	2.8
>45	66.0	8.9	17.8	7.2	89.9	3.9	1.5	4.8
School poverty level ^a (%)								
0–10	—	—	—	—	94.8	3.9	0.8	0.4
>10–50	46.1	13.9	25.8	14.2	92.4	3.0	1.4	3.2
>50	72.0	8.0	13.3	6.7	87.8	5.4	1.6	5.3
Physical science	32.7	38.2	26.0	3.1	78.1	19.6	0.9	1.5
Minority enrollment (%)								
0–5	—	—	—	—	76.3	22.1	0.0	1.5
>5–45	36.3	28.6	30.0	5.1	79.4	17.9	1.3	1.4
>45	27.3	49.6	20.8	2.3	77.0	20.7	0.8	1.5
School poverty level ^a (%)								
0–10	—	—	—	—	85.9	11.7	1.1	1.3
>10–50	42.2	29.8	22.6	5.3	75.3	22.3	1.0	1.4
>50	13.8	58.0	28.3	0.0	76.7	22.1	0.6	0.7

— = too few cases for reliable estimate

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

NOTE: Percents may not add to 100 due to rounding.

SOURCES: National Center for Education Statistics, Schools and Staffing Survey, 2003–04; and National Science Foundation, Division of Science Resources Statistics, special tabulations.