Experience of Mathematics and Science Teachers 2015-16 through 2023-24

This study reports the number and years of experience of employed teachers assigned to teach mathematics or science classes in Texas public schools. The first table shows the mean, median, and maximum of years of experience of all employed mathematics and science teachers as well as the frequencies of teachers in five years-of-experience categories. The second table disaggregates teachers by their first 10 years of experience.

Definition: Mathematics and science teachers are identified by the subject area of their assignment regardless of certification status, full-time status, or percentage of assignments in mathematics or science. We obtain years of experience from the Public Education Information Management System (PEIMS). This measure is the number of completed years, not including the current year, of employment in the Texas public school system regardless of role.

Source: PEIMS
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Experience of Employed Mathematics and Science Teachers

Subject	Academic Year	Number Employed Mathematics and Science Teachers	Mean Teacher Years of Experience	Median Teacher Years of Experience	Maximum Teacher Years of Experience	Less than 10 Years of Education Experience	10 to 19 Years of Education Experience	20 to 29 Years of Education Experience	30 to 39 Years of Education Experience	40 to 49 Years of Education Experience	50 or more Years of Education Experience
Mathematics	2023-24	124,824	10.45	8	60	54.51%	28.33%	13.99%	2.82%	0.30%	0.05%
	2022-23	123,123	10.41	8	84	54.90%	28.28%	13.68%	2.76%	0.33%	0.04%
	2021-22	122,920	10.57	8	59	54.20%	29.23%	13.43%	2.73%	0.38%	0.03%
	2020-21	126,537	10.57	8	59	53.51%	30.17%	13.18%	2.73%	0.37%	0.04%
	2019-20	120,899	10.47	9	58	53.48%	30.58%	12.77%	2.75%	0.40%	0.03%
	2018-19	120,126	10.38	9	57	53.51%	30.96%	12.38%	2.72%	0.40%	0.02%
	2017-18	120,292	10.11	8	56	54.87%	30.16%	11.79%	2.78%	0.38%	0.02%
	2016-17	119,906	10.10	8	59	55.42%	29.58%	11.65%	2.94%	0.40%	0.01%
	2015-16	117,366	10.07	8	58	56.31%	28.61%	11.53%	3.12%	0.42%	0.01%
Science	2023-24	113,731	10.26	8	59	55.27%	28.08%	13.73%	2.59%	0.28%	0.05%
	2022-23	112,061	10.26	8	69	55.36%	28.25%	13.50%	2.54%	0.32%	0.04%
	2021-22	112,365	10.43	8	59	54.65%	29.21%	13.22%	2.54%	0.36%	0.03%
	2020-21	116,761	10.44	8	59	53.86%	30.29%	12.90%	2.58%	0.34%	0.03%
	2019-20	110,490	10.32	8	58	53.95%	30.59%	12.47%	2.61%	0.35%	0.03%
	2018-19	110,319	10.25	8	60	53.92%	31.02%	12.09%	2.59%	0.35%	0.02%
	2017-18	111,924	9.97	8	70	55.36%	30.23%	11.39%	2.68%	0.32%	0.02%
	2016-17	111,090	9.95	8	59	56.18%	29.33%	11.29%	2.84%	0.34%	0.02%
	2015-16	108,718	9.91	8	58	57.12%	28.38%	11.06%	3.07%	0.35%	0.01%

Source: PEIMS
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Experience of Mathematics and Science Teachers with Less Than 10 Years of Experience

Subject	Academic Year	Less than 10 Years of Education Experience	0 Years of Experience	1 Year of Experience	2 Years of Experience	3 Years of Experience	4 Years of Experience	5 Years of Experience	6 Years of Experience	7 Years of Experience	8 Years of Experience	9 Years of Experience
Mathematics	2023-24	54.51%	9.06%	7.48%	6.14%	5.39%	5.14%	4.63%	4.44%	4.14%	4.07%	4.02%
	2022-23	54.90%	9.78%	6.75%	5.70%	5.58%	4.95%	4.87%	4.58%	4.37%	4.29%	4.01%
	2021-22	54.20%	8.00%	6.06%	6.02%	5.46%	5.39%	5.12%	4.86%	4.76%	4.49%	4.05%
	2020-21	53.51%	6.90%	6.59%	5.76%	5.79%	5.60%	5.30%	5.27%	4.88%	4.34%	3.09%
	2019-20	53.48%	7.60%	6.10%	6.02%	5.93%	5.57%	5.59%	5.21%	4.63%	3.28%	3.53%
	2018-19	53.51%	6.94%	6.63%	6.30%	6.16%	5.93%	5.74%	5.03%	3.41%	3.69%	3.69%
	2017-18	54.87%	8.35%	6.58%	6.66%	6.40%	6.11%	5.30%	3.64%	3.93%	3.89%	4.02%
	2016-17	55.42%	8.05%	7.06%	6.90%	6.52%	5.74%	3.89%	4.31%	4.17%	4.29%	4.51%
	2015-16	56.31%	8.35%	7.54%	7.01%	5.97%	4.21%	4.58%	4.57%	4.64%	4.90%	4.55%
Science	2023-24	55.27%	9.56%	7.81%	6.29%	5.45%	5.13%	4.63%	4.39%	4.11%	4.00%	3.90%
	2022-23	55.36%	10.21%	6.97%	5.82%	5.60%	4.99%	4.79%	4.48%	4.32%	4.20%	3.97%
	2021-22	54.65%	8.31%	6.31%	6.14%	5.54%	5.34%	5.07%	4.84%	4.76%	4.41%	3.95%
	2020-21	53.86%	7.17%	6.72%	5.92%	5.78%	5.61%	5.28%	5.28%	4.80%	4.27%	3.03%
	2019-20	53.95%	7.80%	6.34%	6.08%	6.01%	5.65%	5.61%	5.12%	4.55%	3.20%	3.58%
	2018-19	53.92%	7.17%	6.84%	6.39%	6.27%	5.96%	5.62%	4.93%	3.33%	3.69%	3.71%
	2017-18	55.36%	8.57%	6.78%	6.84%	6.42%	6.03%	5.19%	3.62%	3.94%	3.89%	4.06%
	2016-17	56.18%	8.33%	7.22%	7.04%	6.51%	5.71%	3.83%	4.33%	4.21%	4.36%	4.65%
	2015-16	57.12%	8.69%	7.71%	7.02%	5.93%	4.23%	4.64%	4.61%	4.72%	5.00%	4.57%

Methodology: We extracted employment records for teachers assigned to teach mathematics or science for the past five years from the PEIMS database. Years of experience is based on a PEIMS field, 'EXPER', which reports the number of years, not including the current year, that the educator has been employed in the Texas public school system.

Note: Educators with Mathematics and Science assignments are included in both the Mathematics and Science counts.

Source: PEIMS
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