

Table SK12-19

Years of teaching experience of lower secondary mathematics and science teachers, by education system: 2018

(Percent distribution)

Education system	Mathematics teachers				Science teachers				OECD country and education system
	≤ 3 years	4–9 years	10–19 years	≥ 20 years	≤ 3 years	4–9 years	10–19 years	≥ 20 years	
TALIS average ^a	11	20	31	39	12	20	30	38	na
Alberta (Canada)	12	25	36	28	19	28	33	20	No
Australia	19	21	26	35	15	25	29	31	Yes
Austria	16	20	18	46	23	18	18	41	Yes
Belgium	10	22	32	36	17	27	26	31	Yes
Brazil	6	23	40	31	13	25	31	31	No
Bulgaria	11	7	14	68	15	6	21	58	No
Chile	19	23	25	32	19	29	25	26	Yes
Chinese Taipei	4	10	52	34	7	15	43	35	No
Ciudad Autónoma de Buenos Aires (Argentina)	11	27	20	42	12	21	25	42	No
Colombia	10	23	32	35	10	23	31	35	Yes
Croatia	14	25	33	27	13	28	33	26	No
Cyprus	11	26	41	23	8	24	45	22	No
Czechia	7	16	27	50	9	17	32	42	Yes
Denmark	13	22	44	21	12	22	35	32	Yes
England (United Kingdom)	15	28	41	16	11	26	39	24	No
Estonia	7	13	22	58	9	12	23	56	Yes
Finland	12	26	35	28	11	18	38	33	Yes
France	8	19	34	39	8	22	34	36	Yes
Georgia	6	7	18	69	8	8	22	62	No
Hungary	5	9	24	62	7	12	24	57	Yes
Israel	16	24	22	38	18	24	21	37	Yes
Italy	9	16	31	44	6	18	26	50	Yes
Japan	12	25	22	40	15	25	24	36	Yes
Kazakhstan	16	21	21	42	17	18	25	41	No
Latvia	5	5	17	73	6	5	17	72	Yes
Lithuania	2	6	15	77	4	4	16	76	Yes
Malta	17	22	37	24	15	32	30	23	No
Mexico	10	20	35	35	17	20	32	30	Yes
Netherlands	13	23	22	42	11	21	39	29	Yes
New Zealand	13	23	35	30	13	19	33	35	Yes
Norway	11	25	36	29	18	22	36	24	Yes
Portugal	1	6	34	58	1	4	26		Yes
Romania	5	18	21	56	4	7	32	56	No
Russia	10	9	22	60	15	7	15	64	No
Saudi Arabia	9	31	45	15	13	24	39	24	No
Shanghai (China)	9	21	33	37	11	19	31	40	No
Singapore	16	34	33	17	16	39	35	11	No
Slovakia	9	15	29	48	10	15	31	43	Yes
Slovenia	12	15	35	38	10	10	21	59	Yes
South Africa	15	19	32	34	19	27	25	29	No
South Korea	7	21	27	45	9	27	28	35	Yes
Spain	14	13	31	42	12	14	30	43	Yes
Sweden	8	16	50	26	11	17	40	31	Yes
Turkey	19	32	37	13	12	34	32	22	Yes
United Arab Emirates	5	25	43	27	7	30	41	22	No
United States	14	25	38	23	12	21	36	31	Yes

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Vietnam	6	16	53	24	6	8	53	33	No

na = not applicable.

OECD = Organisation for Economic Co-operation and Development; TALIS = Teaching and Learning International Survey.

^a The TALIS average is the average of all education systems listed in the table, with each education system weighted equally.**Note(s):**

Lower secondary education in the United States includes grades 7–9. Mathematics and science teachers are identified through teacher reports of the subject taught in their *target class*, which is defined as the first class that teachers taught in their school after 11 a.m. Tuesday in the week before the interview. If a teacher did not teach on Tuesday, the target class can be a class taught on a day following the last Tuesday. Teachers whose target class consisted of entirely or mainly special needs students were not asked about the subject taught in their target class and were, therefore, excluded in the table. The table does not include teachers from Belgium-Flemish and Iceland because the Belgium-Flemish data do not meet international technical standards, and Iceland does not permit secondary data analyses unless the data files are obtained directly from the country. Percentages may not add to 100% because of rounding.

Source(s):

National Center for Science and Engineering Statistics, special tabulations (2020) of the OECD, TALIS, 2018.

Science and Engineering Indicators