

Selected Characteristics of TIMSS 2023 Countries

Country	Population Size (in Millions)	Area of Country (1,000 Square Kilometers)	Life Expectancy at Birth (Years)	Infant Mortality Rate (per 1,000 Live Births)	Gross National Income (GNI) per Capita (in US Dollars)	GNI per Capita PPP (in international dollars)	Gini Index of Income Inequality (0=perfect equality; 100=perfect inequality)	Public Expenditure on Education (% of GDP)	Net Enrollment Ratio (% of relevant group)		Student-Teacher Ratio	
									Primary	Secondary	Primary	Secondary
^{1,3} Albania	2.4	28.8	78	6	8252	21110	29.4	3	91	96	11	11
¹ Armenia	2.8	29.7	73	9	7330	22440	27.9	2	91	100	15	8
^{1,2} Australia	27.0	7741.2	83	3	63140	66260	34.3	5	100	98	15	12
^{1,2} Austria	9.1	83.9	81	3	55070	73520	30.7	5	98	98	12	9
¹ Azerbaijan	10.1	86.6	73	16	6680	22640	–	3	96	87	15	8
^{1,4} Bahrain	1.5	0.8	79	6	28280	60090	–	2	92	97	13	13
^{1,2} Belgium (Flemish and French)	11.8	30.5	82	3	54530	71990	26.6	6	99	99	12	9
^{1,5} Bosnia and Herzegovina	3.2	51.2	75	5	8160	22790	–	2	85	94	17	9
^{1,2} Brazil	216.0	8515.8	73	13	9070	19990	52.0	6	95	96	23	24
⁶ Bulgaria	6.4	111.0	74	5	14460	37380	39.0	5	93	91	11	12
^{1,2} Canada	40.1	15634.4	81	4	53930	60700	31.7	3	96	100	16	12
^{1,2} Chile	19.6	756.7	80	5	15820	31590	43.0	4	99	99	18	20
^{7,8} Chinese Taipei	23.4	36.2	80	4	33365	–	33.9	4	97	97	12	9
¹ Cote D'Ivoire	28.9	322.5	59	52	2670	7480	35.3	4	94	43	42	27
^{1,9} Cyprus	1.3	9.3	82	3	30990	51330	31.3	5	100	100	13	9
^{1,2} Czech Republic	10.9	78.9	79	2	27110	51370	26.2	5	98	98	18	11
^{1,2,10} Denmark	6.0	42.9	81	3	73360	79390	28.3	6	99	99	12	12
^{1,11,12} England	57.1	130.0	82	4	47800	58140	32.4	5	97	97	21	17
^{1,2} Finland	5.6	338.5	81	2	53390	64940	27.7	6	98	98	13	12
^{1,2} France	68.2	549.1	82	3	45070	62130	31.5	5	100	100	18	13
¹ Georgia	3.8	69.7	72	8	6680	23040	34.2	4	98	99	9	8
^{1,2} Germany	84.5	357.6	81	3	53970	72110	31.7	5	99	99	15	13
^{1,13} Hong Kong SAR	7.5	1.1	84	1	55200	77880	–	4	99	99	13	11
^{1,2} Hungary	9.6	93.0	76	3	19820	44650	29.2	5	96	95	10	11
¹ Iran, Islamic Rep. of	89.2	1745.2	75	10	4680	17900	34.8	3	98	95	–	–
¹ Iraq	45.5	435.1	71	20	5600	14040	–	–	–	–	–	–
^{1,2} Ireland	5.3	70.3	83	3	80390	98650	30.1	3	99	100	14	12
¹ Israel	9.8	22.1	83	3	55020	53340	37.9	6	96	97	15	–
^{1,2} Italy	58.8	302.1	83	2	38200	58650	34.8	4	98	99	11	10
^{1,2} Japan	125.0	378.0	84	2	39030	52640	33.8	3	100	100	15	12
¹⁴ Jordan	11.5	89.3	73	14	4460	10360	–	3	95	78	18	12
¹ Kazakhstan	19.9	2724.9	74	9	10940	35420	29.2	4	96	98	17	8
^{1,2} Korea, Rep. of	51.7	100.4	83	2	35490	55040	32.9	5	99	100	16	12
¹⁵ Kosovo	1.8	11.0	80	9	5980	15310	–	4	–	–	13	13
¹ Kuwait	4.3	17.8	80	7	46140	67730	–	–	83	–	9	8
^{1,2} Latvia	1.9	64.6	75	3	21970	41420	34.3	6	99	99	12	11
^{1,2} Lithuania	2.9	65.3	76	3	24820	50100	36.7	5	100	100	14	10
¹ Macao SAR	0.7	0.03	85	2	43940	73180	–	5	84	90	13	10
¹ Malaysia	34.3	330.4	76	7	11970	36120	40.7	4	95	89	12	11
¹ Malta	0.6	0.3	83	5	34240	56880	31.4	6	93	98	–	–
¹ Montenegro	0.6	13.8	76	2	11500	31520	34.3	–	100	98	–	–
¹ Morocco	37.8	446.6	75	15	3700	9600	–	6	99	96	27	19

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(Continued)

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									Primary	Secondary	Primary	Secondary
^{1,2} Netherlands	17.9	41.5	82	3	60670	77750	25.7	5	100	100	16	17
^{1,2} New Zealand	5.2	267.7	83	4	48610	52750	32.0	6	99	98	16	14
¹⁶ North Macedonia	1.8	25.7	74	4	7660	23510	33.5	–	91	69	15	–
^{1,2,17} Norway	5.5	385.0	83	2	102460	108790	27.7	4	99	100	10	9
¹ Oman	4.6	309.5	74	9	21540	41280	–	4	89	86	10	10
^{18,19} Palestinian National Authority	5.3	6.0	73	13	4610	8170	–	4	98	78	18	18
^{1,2} Poland	36.7	312.7	77	4	19730	47380	28.5	5	100	97	12	11
^{1,2} Portugal	10.5	92.2	82	3	26270	47850	34.6	5	100	100	12	10
¹ Qatar	2.7	11.5	82	5	70070	116870	–	3	98	98	12	11
^{1,2} Romania	19.0	238.4	75	6	16670	46620	33.9	3	90	89	19	12
^{1,2} Saudi Arabia	36.9	2149.7	78	6	28690	55290	–	–	98	99	15	12
¹ Serbia	6.6	85.0	75	4	10030	25880	33.1	3	89	95	14	8
^{1,20} Singapore	5.9	0.7	83	2	70590	118710	–	2	99	100	15	12
^{1,2} Slovak Republic	5.4	49.0	77	5	22790	43500	24.1	4	97	97	17	13
^{1,21,22} Slovenia	2.1	20.3	81	2	30620	54130	24.3	6	99	99	11	12
¹ South Africa	60.4	1219.1	61	28	6750	15630	–	7	93	92	–	28
^{1,2} Spain	48.4	506.0	83	3	32180	52420	33.9	5	98	97	12	11
^{1,2} Sweden	10.5	447.0	83	2	61650	72990	29.8	7	99	100	13	12
^{1,2} Türkiye	85.3	785.4	78	8	11650	43700	44.4	3	100	100	17	13
^{23,24,25} United Arab Emirates	10.2	98.6	80	4	53290	83750	26.0	4	100	100	15	9
^{1,2} United States	335.0	9831.5	77	5	80300	82190	39.8	5	96	99	14	15
¹ Uzbekistan	36.4	448.9	72	12	2360	9640	31.2	5	96	100	22	–
Benchmarking Participants												
²⁶ Ontario, Canada	14.0	892.4	82	4	–	–	–	–	–	–	–	–
²⁶ Quebec, Canada	9.0	1298.0	83	4	–	–	–	–	–	–	–	–
²⁷ Kurdistan Region of Iraq	6.6	40.6	76	–	–	–	–	–	–	–	–	–
^{28,29} Abu Dhabi, UAE	3.8	67.3	79	6	–	–	–	–	–	–	–	–
^{29,30,31} Dubai, UAE	3.7	4.0	82	4	–	–	–	–	–	–	–	–
^{31,32,33} Sharjah, UAE	1.8	2.6	78	2	–	–	–	–	–	–	–	–

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A dash (–) indicates data not available.

¹ Primary and secondary net enrollment ratio data retrieved from the most recent year available in the UNESCO Institute for Statistics Database as of August 2024. <https://data.uis.unesco.org/>.

² Primary and secondary student-teacher ratio data retrieved from OECD Education GPS in August 2024.

³ Population size, area of country, life expectancy, infant mortality rate, Gross National Income (GNI) per capita (in US dollars and international dollars), primary and secondary student-teacher ratio retrieved from Albania Institute for Statistics.

⁴ Primary and secondary student-teacher ratio retrieved from Bahrain Ministry of Education.

⁵ Public expenditure on education data retrieved from Agency for Statistics of Bosnia and Herzegovina.

⁶ Primary and secondary net enrollment ratio, primary and secondary student teacher ratio retrieved from National Statistical Institute Bulgaria.

⁷ Population size, area of country, life expectancy, infant mortality rate, public expenditure on education, primary and secondary net enrollment ratio, primary and secondary student-teacher ratio retrieved from National Statistics R.O.C. (Taiwan).

⁸ Gross national income (GNI) in US dollars, GINI index retrieved from Directorate-General of Budget, Accounting and Statistics, Republic of China.

⁹ Primary and secondary student-teacher ratio retrieved from Ministry of Finance, Cyprus.

¹⁰ Population size, retrieved from Denmark Statistics.

¹¹ Population size, infant mortality rate retrieved from Office for National Statistics, United Kingdom.

¹² Area of country, primary and secondary student-teacher ratio retrieved from GOV.UK.

¹³ Infant mortality rate retrieved from Census and Statistics Department, Hong Kong Special Administrative Region.

¹⁴ Population size, life expectancy, infant mortality rate, primary and secondary net enrollment ratio, primary and secondary student-teacher ratio retrieved from Ministry of Education, Jordan, Department of Statistics.

¹⁵ Public expenditure on education, primary and secondary student-teacher ratio retrieved from Education Statistics in Kosovo.

¹⁶ Secondary net enrollment ratio retrieved from USAID.

¹⁷ Area of country retrieved from Norwegian Encyclopedia.

¹⁸ Public expenditure on education retrieved from Palestinian Center Bureau of Statistics.

¹⁹ Primary and secondary net enrollment ratio and student-teacher ratios retrieved from Ministry of Education and Higher Education, Palestine. Student-teacher enrollment ratio is calculated for all grades because of overlap in primary and secondary school teachers.

²⁰ Secondary student-teacher ratio retrieved from Ministry of Education, Singapore.

²¹ Area of country retrieved from Statistical Office of the Republic of Slovenia, Slovenia Government Communications Office.

²² Infant mortality rate, primary and secondary student-teacher ratio retrieved from Statistical Office of the Republic of Slovenia.

²³ Population size, life expectancy retrieved from United Nations Population Division (UNPD).

²⁴ Infant mortality retrieved from United Nations Inter-agency Group for Child Mortality Estimation (UN IGME).

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²⁵ Public expenditure on education, primary and secondary net enrollment ratio, primary and secondary student-teacher ratio retrieved from the most recent year available in the UNESCO Institute for Statistics Database as of August 2024. <https://data.uis.unesco.org/>.

²⁶ Population size, area of country, life expectancy, infant mortality rate retrieved from Census 2021, Statistics Canada.

²⁷ Population size, area of country, life expectancy retrieved from Kurdistan Regional Government.

²⁸ Population size, life expectancy, infant mortality retrieved from Statistics Centre - Abu Dhabi.

²⁹ Area of country retrieved from United Arab Emirates' Government Portal.

³⁰ Population size, life expectancy retrieved from Dubai Statistics Center.

³¹ Infant mortality rate retrieved from United Arab Emirates Statistical Annual Report.

³² Life expectancy retrieved from World Health Organization.

³³ Population size, area of country retrieved from United Arab Emirates' Government Portal.