

Annex 4D. Average Percentage Correct, by Item, in Gansu, China, and Rajasthan and Orissa, India, Compared with International Average

Supplemental material for: Wu, K.B.. 2017. "Measuring Impact: Education." In *Disease Control Priorities* (third edition), Volume 8, *Child and Adolescent Health and Development*, edited by D.A.P Bundy, N. de Silva, S. Horton, D.T. Jamison, and G. Patton. Washington DC: World Bank.

Test Question Number	Content Category	Performance Expectation	International Average	Gansu	Rajasthan	Orissa
33	Data Representation, Analysis and Probability	Using Complex Procedures	79	82	31	31
19	Fractions and Number Sense	Using Complex Procedures	75	83	55	54
29	Algebra	Knowing	71	84	59	66
4	Algebra	Knowing	65	92	48	47
18	Algebra	Using Routine Procedures	65	81	38	51
12	Data Representation, Analysis and Probability	Using Complex Procedures	64	60	54	46
5	Geometry	Investigating and Solving Problems	62	91	39	48
25	Fractions and Number Sense	Knowing	61	78	47	49
1	Data Representation, Analysis and Probability	Using Complex Procedures	60	65	33	32
26	Measurement	Knowing	60	77	51	49
3	Geometry	Using Complex Procedures	59	70	26	31
17	Geometry	Using Routine Procedures	58	75	36	36
20	Data Representation, Analysis and Probability	Using Complex Procedures	58	71	43	39
8	Data Representation, Analysis and Probability	Knowing	57	72	43	24
31	Algebra	Knowing	57	79	33	43
15	Geometry	Knowing	54	75	38	48
24	Fractions and Number Sense	Using Routine Procedures	52	79	40	35
6	Algebra	Knowing	50	70	32	30
11	Fractions and Number Sense	Knowing	50	50	30	21

9	Measurement	Knowing	49	44	32	20
13	Algebra	Knowing	49	84	24	40
10	Algebra	Investigating and Solving Problems	47	89	35	36
36	Algebra	Knowing	47	86	32	40
2	Fractions and Number Sense	Knowing	46	93	11	17
35	Geometry	Using Complex Procedures	46	65	25	28
21	Algebra	Communicating and Reasoning	45	79	28	39
32	Fractions and Number Sense	Investigating and Solving Problems	45	73	34	39
27	Fractions and Number Sense	Investigating and Solving Problems	44	54	32	37
14	Measurement	Investigating and Solving Problems	42	71	29	36
23	Geometry	Investigating and Solving Problems	40	73	23	31
16	Fractions and Number Sense	Using Routine Procedures	39	69	16	26
30	Geometry	Using Routine Procedures	37	45	25	23
34	Algebra	Knowing	37	63	17	29
7	Fractions and Number Sense	Investigating and Solving Problems	33	66	23	32
22	Algebra	Using Routine Procedures	33	51	32	36
28	Measurement	Investigating and Solving Problems	22	48	19	31
Average			52	72	34	37

Source: Wu, Sankar, and Azam 2006; Wu, Boscardin and Goldschmidt, 2011.

References

Wu, K. B., D. Sankar, and M. Azam. 2006. "Secondary Education in India." A World Bank Study, Washington, DC.

Wu, K. B., C. K. Boscardin, and P. Goldschmidt. 2011. Wu, K. B., C. K. Boscardin, and P. Goldschmidt. 2011. "A Retrospective on Educational Outcomes in China: From Shanghai's 2009 PISA Results to Factors that Affected Student Performance in Gansu in 2007." Unpublished. Background paper for *China 2030: Building a Modern, Harmonious, and Creative Society*. 2013. Washington, DC: World Bank and Development Research Center of the State Council, the People's Republic of China.