

Exhibit 19. Number of mathematics textbook topics. U.S. textbooks included far more mathematics topics than typical internationally in all three grades for which we analyzed textbooks. This was in strong contrast to Germany and, especially, Japan. [The gray bars show how many topics, averaged across a country's textbooks, were in the mathematics books at the upper grades of Populations 1 and 2 (U.S. grades 4 and 8) and for the mathematics specialists of Population 3. The bars extend from the 25th percentile to the 75th percentile for the number of topics among countries. The black line indicates the median number of topics for each population. We marked the U.S., Germany, and Japan individually. German textbook data were not available for Populations 1 and 3.]

