

**Exhibit 9. Number of mathematics topics intended at the TIMSS tested populations.** The average of U.S. state mathematics curriculum guides — for the upper grades of Populations 1 to be covered at the corresponding subpopulations in the TIMSS countries. The bars extend from the 25th percentile to the 75th percentile of the number of topics among countries at each population. The black line indicates the median number of topics at each population. We marked the U.S., Germany, and Japan individually.]

