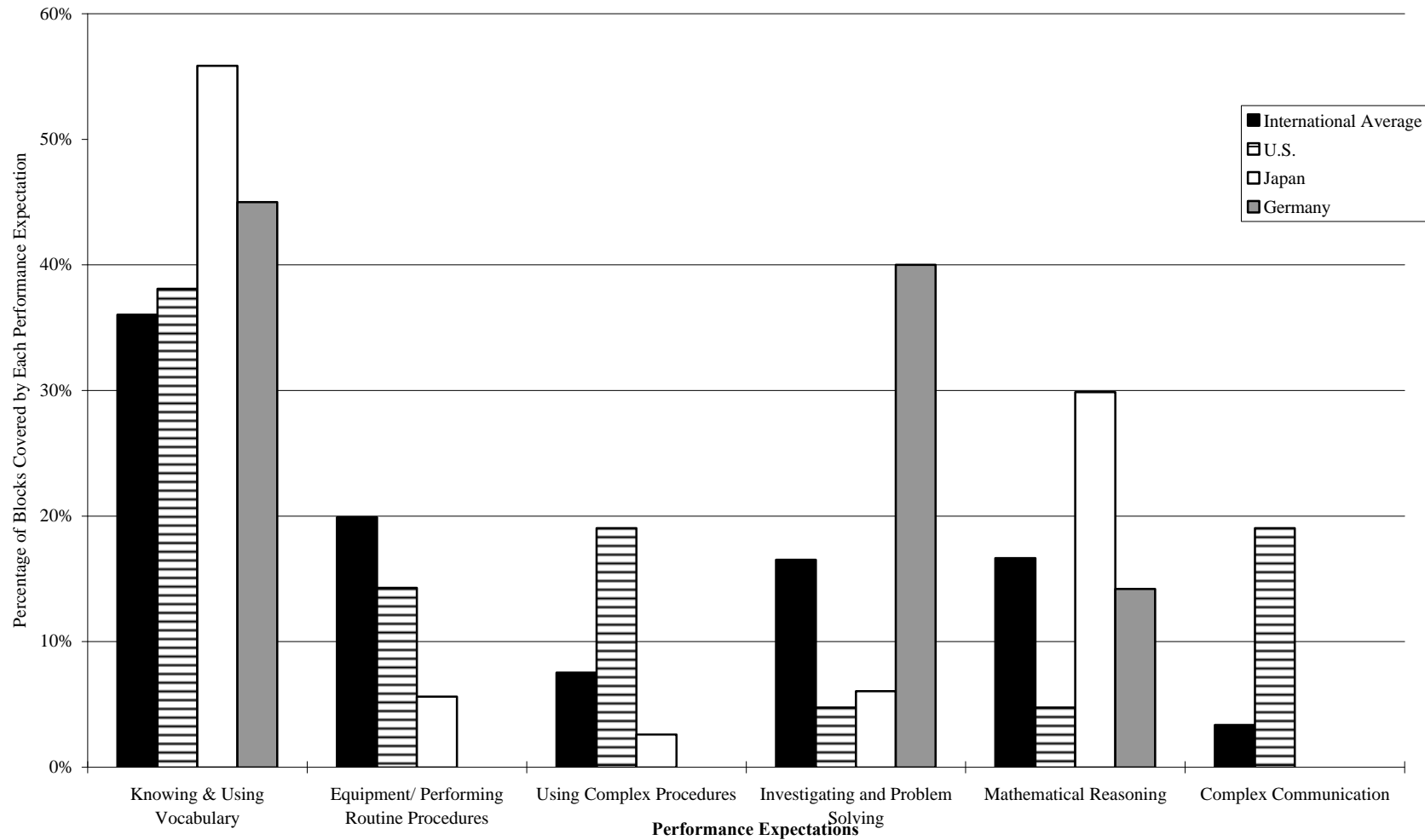


Exhibit 39. Grade 8 mathematics textbook performance expectations for 'Congruence and Similarity.' All textbooks tend to use the least demanding expectation the most, except for Germany's use of 'investigating and problem solving' and Japan's use of 'mathematical reasoning.' U.S. textbooks make some use (more than the international average) of complex procedures and communication. [The columns represent the average percentage of grade 8 mathematics textbook blocks indicating 'congruence and similarity' that also indicate the column's performance expectation. We give data for the international average, the U.S., Germany, and Japan.]



* Missing bars indicate that the performance expectation was not included for this topic.