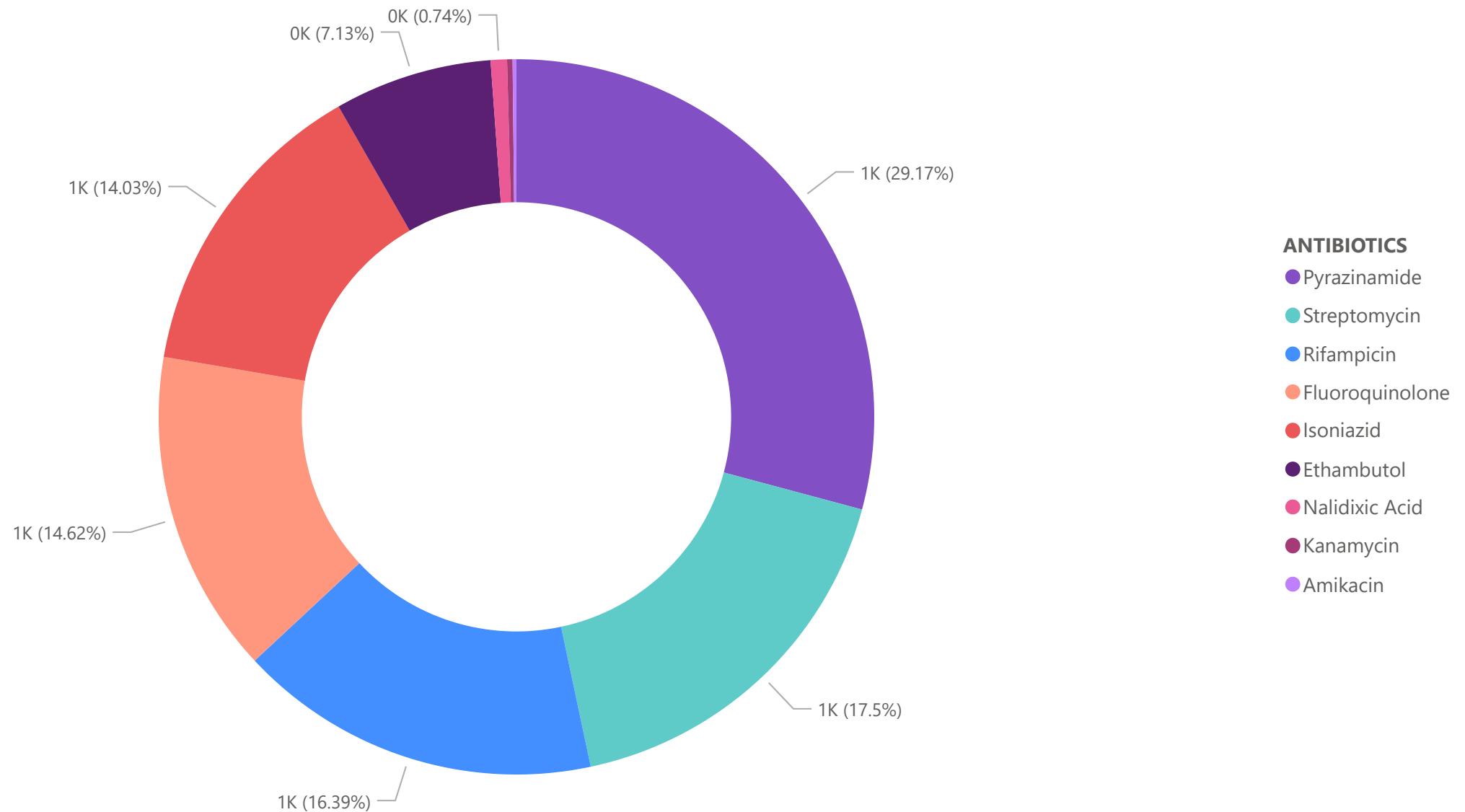


FREQUENCY by ANTIBIOTICS



ORGANISM	Frequency
Mycobacterium tuberculosis	3044
Helicobacter pylori	86
Escherichia coli	72
Streptococcus pneumoniae	56
Campylobacter jejuni	52
Bacillus subtilis	45
Campylobacter upsaliensis	39
Staphylococcus aureus	37
Mycobacterium tuberculosis complex	32
Pseudomonas aeruginosa	32

Sum of Frequency was highest for Mycobacterium tuberculosis at 3044, followed by Helicobacter pylori and Escherichia coli.

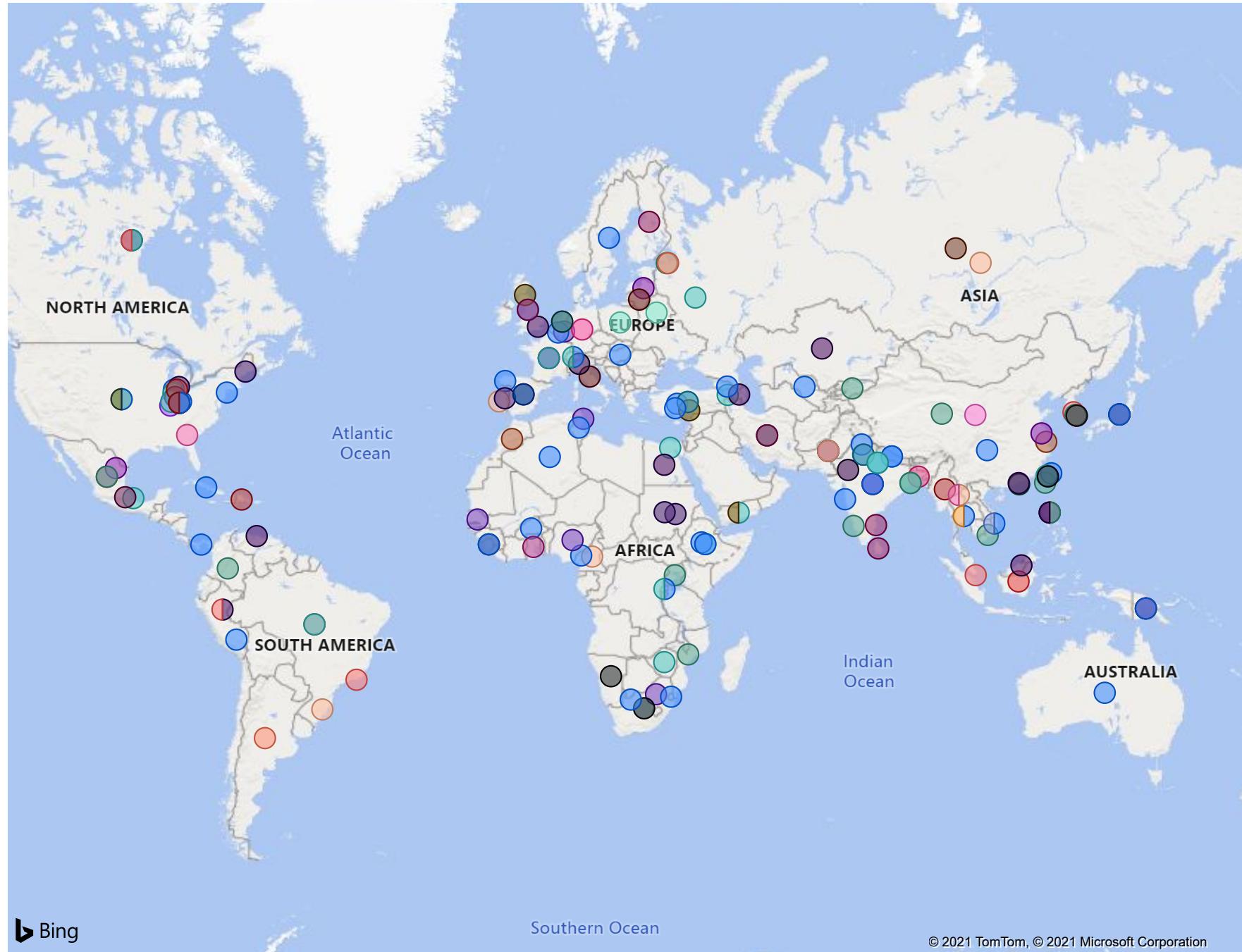
Mycobacterium tuberculosis accounted for 74.79% of Sum of Frequency.

Across all 113 ORGANISM, Sum of Frequency ranged from 1 to 3044.

LOCATION	Frequency
China	301
South Korea	185
Japan	159
India	157
Taiwan	101
Hong Kong	87
Vietnam	85
Thailand	79
South Africa	73
Russia	68

Average of Frequency by LOCATION and Frequency

Frequency ● 1 ● 2 ● 3 ● 4 ● 5 ● 6 ● 7 ● 8 ● 9 ● 10 ● 11 ● 12 ● 13 ● 14 ● 15 ● 16 ● 17 ● 18 ● 19 ● 20 ● 21 ● 24 ● 26 ● 27 ● 28



Frequency	GENE
1	strA
2	eccC5
4	rpsA
30	inhA
32	embA
35	embC
105	gidB / rsmG
188	rrs
191	gidB
206	embB
232	gyrB
245	rpsL
388	gyrA
541	KatG
670	rpoB
1200	pncA