The State of 5G

5G is now available in 2,497 cities across 92 countries.

New 5G countries in 2022:
- CHILE
- DOMINICAN REPUBLIC
- GUATEMALA
- MEXICO
- INDIA
- SRI LANKA
- ANDORRA
- ANGOLA
- BOTSWANA
- ETHIOPIA
- ICELAND
- MONTENEGRO
- NIGERIA
- NORTH MACEDONIA
- PORTUGAL
- TANZANIA
- ZAMBIA
- ZIMBABWE

/emea apacamericas

1015
APAC
782
AMERICAS
700

/Jan
2020
/Jan
2023
/June
2021
/April
2022

Changes in 5G Cities Leaderboard

Finland
Canada
South Korea
Japan
Italy
UK
France
Philippines
China
United States

* Note that the word for town or city in Finnish, “kaupunki” can also refer to municipalities.

VIAVI (NASDAQ: VIAV) is a global provider of network test, monitoring and assurance solutions to communications service providers, enterprises, network equipment manufacturers, civil, government, military and avionics customers.

Note: This analysis is based on extensive research of publicly available data. VIAVI does not guarantee completeness or accuracy.

Extreme diversity of interest in mmWave spectrum globally

Countries licensing mmWave spectrum range from:
- The most developed economies …to emerging economies
  - United States
    - GDP $24.06 trillion
  - Japan
    - GDP $5.15 trillion
  - Indonesia
    - GDP $1.12 trillion
  - Vietnam
    - GDP $327.6 billion

- The most populated …to the least populated
  - China
    - 1,450,000,000
  - India
    - 1,420,000,000
  - Guam
    - 173,000
  - Seychelles
    - 100,000

Private 5G Deployments by Sector

Top 7 Sectors:
- United States
- Germany
- UK
- China
- Finland

- Manufacturing
- Logistics
- Education
- Sports
- Utilities
- Transport
- Mining

Other sectors:
- Aerospace
- Agriculture
- Broadcasting
- Connectivity
- Construction
- Emergency Services
- Finance
- Healthcare
- Hospitality
- Information Services
- Innovation
- Marine Communications
- Maritime Innovation
- Media
- Military
- Municipal Real Estate
- Research
- Smart City
- Telecommunications