

**GOVERNMENT OF INDIA
MINISTRY OF COMMUNICATIONS
DEPARTMENT OF TELECOMMUNICATIONS**

**LOK SABHA
UNSTARRED QUESTION NO. 1508
TO BE ANSWERED ON 4TH DECEMBER, 2024**

4G AND 5G CONNECTIVITY INDEX

†1508. SHRI SUKHJINDER SINGH RANDHAWA:

Will the Minister of COMMUNICATION be pleased to state:

- (a) whether the Government has prepared any index regarding availability and quality of 4G and 5G connectivity;
- (b) if so, the details thereof in respect of Punjab particularly Gurdaspur and Pathankot districts;
- (c) if not, the reasons therefor; and
- (d) the steps being taken by the Government to expand the network capacity in the Punjab along with the details of the proposed plan in this regard?

ANSWER

**MINISTER OF STATE FOR COMMUNICATIONS AND RURAL DEVELOPMENT
(DR. PEMMASANI CHANDRA SEKHAR)**

(a) to (c) Availability of 4G and 5G connectivity is assessed by the number of 4G and 5G BTSs installed in the area. There are around 2865 and 1426 BTSs of 4G technology installed in Gurdaspur and Pathankot districts of Punjab respectively. Further, there are 761 and 425 BTSs of 5G technology installed in Gurdaspur and Pathankot districts of Punjab respectively.

For assessment of quality of 4G and 5G connectivity, Telecom Regulatory Authority of India (TRAI) issues guidelines and sets benchmarks to monitor Quality of Services (QoS) offered by the Telecom Service Providers. These parameters are assessed for entire licensed service area on quarterly basis for ensuring compliance with the QoS Benchmarks.

Recently, TRAI has notified its revised regulations on the standards of Quality of Services (QoS) of mobile network on 2nd August 2024. The regulation has incorporated benchmarks for network availability, accessibility and retainability for assessment of quality of service for 4G and 5G network.

(d) Government has launched 4G saturation project for extending coverage to all uncovered villages in the country including remote and difficult areas. 47 villages of Punjab State have been identified to be covered by 4G mobile services under this project. Out of these 47 villages, 4G services have already been started in 36 villages.
