

CELLULAR MOBILE OPERATORS' QUARTERLY QUALITY OF SERVICE SURVEY RESULTS - 2018

In the year 2018, Pakistan Telecommunication Authority (PTA) has conducted quarterly Quality of Service (QoS) survey jointly with Cellular Mobile Operators (CMOs) using NEMO automated QoS tool. During the period, a total of twenty seven (27) cities of Pakistan including AJK, have been surveyed. The names of these cities are as under:

S. No.	Name	S. No.	Name	S. No.	Name
1	Rawalpindi	10	Mirpur	19	Nathia Gali
2	Islamabad	11	Karachi	20	Malam Jabba
3	Chakwal	12	Hyderabad	21	Quetta
4	Jhelum	13	Dadu	22	Ziarat
5	Lahore	14	Sukkur	23	Lodhran
6	Faisalabad	15	Bahrain	24	Multan
7	T. T. Singh	16	Madyan	25	Peshawar
8	Sargodha	17	Kalam	26	Mirpurkhas
9	Muzaffarabad	18	Naran	27	Badin

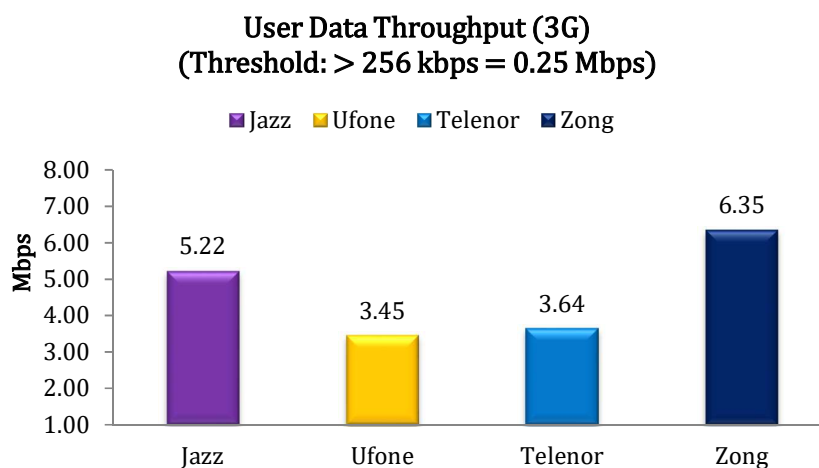
DATA – KEY PERFORMANCE INDICATORS

The performance of data services of CMOs has been checked by measuring User Data Throughput and Signal Strength Key Performance Indicators (KPIs).

USER DATA THROUGHPUT

This KPI defines user data rate (Internet speed) to be provided by NGMS operators to mobile users across the coverage areas. The data throughput results of all NGMS licensees are as under:

Throughput (3G)



User data "throughput" of 3G services is higher than the benchmark set in their respective licenses. Data throughput of ZonG is the highest followed by Jazz, whereas data throughput of Ufone is the lowest among all NGMS operators