

Mobile & 5G Fixed Broadband (Annexure-1)

Reporting Year:								For the month ending March ---																	
Name of the Service Provider:																									
State Code	State Name	District Code	District Name	Subdistrict Code	Subdistrict Name	Village Code	Village Name	Coverage Technology (Yes/No)					Subscriber Count		Data Consumption (in GB)		% of 4G & higher technologies mobile service coverage with respect to village boundary map provided by Survey of India	Average Upload Speed (in Mbps)	Average Download Speed (in Mbps)	Latency (in ms)	Village Serving Cell Global IDs(CGI)				
								Mobile				Fixed Wireless Access	Mobile	Fixed Wireless Access	Mobile	Fixed Wireless Access					CGI-1	CGI-2	CGI-...	CGI-n	
								2G	3G	4G	5G	5G		5G		5G									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	

Explanatory Notes:

i) Sl.No. 1 to 8 are as per local Govt. directory provided by TRAI.
ii) Coverage Technology: Place 'Yes' if services are delivered in the village using a particular technology else place 'No'.
iii) Subscriber Count: Total customer count (excluding users of zero data consumption & M2M(IoT)) based on billing/accounting data of the customers corresponding to the village.
iv) Data Consumption (in GB): Total data usage (in GB) for the month of March in the reporting year based on billing/accounting data corresponding to all customers of the village.
v) Percentage of 4G & higher technologies mobile service coverage with respect to village boundary map provided by Survey of India.
vi) Average Upload/Download Speed (in Mbps): The average upload/download speed (in Mbps) observed during the reporting period, calculated from actual measured upload/download speed (in Mbps) of all users of the corresponding villages.
vii) Latency: Average latency (in ms) for corresponding villages.
viii) Village Serving Cell Global IDs (CGI): These shall be exactly the same as are being reported for Cell Master and downtime under revised QoS regulations,2024.

Required Validations:

i) The reported village count should match the LGD Directory for the state. Furthermore, the village hierarchy must remain consistent across all eight fields i.e, State Code, State Name, District Code, District Name, Subdistrict Code, Subdistrict Name, Village Code, and Village Name.
ii) Village Code is unique parameter, hence there should NOT be any repetition of the village code.
iii) Coverage Technology should NOT be blank and must contain either 'Yes' or 'No' only.
iv) Subscriber Count should be a whole integer only , i.e. no decimal values and should be either zero or greater than zero.
v) Data Consumption value should be rounded off to two decimal places only .
vi) Percentage of 4G mobile service coverage value must be in the range of zero (0) to hundred (100) , and should be a whole integer only. Do NOT enter percentage symbol (%).
vii) Coverage Technology (4G or 5G) & % 4G & higher technologies mobile service coverage i.e. Sl. No. (11 or 12) & 18 are related parameters, therefore, validate the interrelation between both data sets .
viii) Average Upload/Download Speed (in Mbps) i.e. Sl. No. 19 & 20 respectively, value should be rounded off to two decimal places only .
ix) Latency (in ms) . i.e. Sl. No 21 value should be rounded off to two decimal places only .
x) CGI's must be provided against each village code in a single row. If multiple technologies are marked 'Yes' , provide CGIs for each such technology. Repetition of CGIs within the same village should be avoided. CGIs reported must be in the identical format (including hyphen (-), if present) as are being reported for Cell Master and downtime under revised QoS regulations,2024.

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Fixed Broadband (Annexure-2)

Reporting Year:								For the month ending March ---									
Name of the Service Provider:																	
State Code	State Name	District Code	District Name	Subdistrict Code	Subdistrict Name	Village Code	Village Name	Coverage Technology (Yes/No)		Subscriber Count		Data Consumption (in GB)		Downtime (in Hrs)	Average Upload Speed (in Mbps)	Average Download Speed (in Mbps)	Latency (in ms)
								UBR	FBB	UBR	FBB	UBR	FBB				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18

Explanatory Notes:

i) Sl.No. 1 to 8 are as per local Govt. directory provided by TRAI.
ii) UBR refers to Unlicensed Band Radio under <i>Coverage Technology, Subscriber Count & Data Consumption</i> fields. FBB refer to Fixed Broadband and it includes Cable Modem, Ethernet/ LAN, DSL & FTTH under <i>Coverage Technology, Subscriber Count & Data Consumption</i> fields.
iii) Coverage Technology: Place 'Yes' if services are delivered in the village using that technology else place 'No'.
iv) Subscriber Count: Total customer count (excluding users of zero data consumption) based on billing/accounting data for the customers corresponding to the village.
v) Data Consumption (in GB): Total data usage (in GB) for the month based on billing/accounting data corresponding to all customers of the village.
vi) Downtime(in Hrs): 'Downtime' is measured over a month at the OLT/DOCSIS/DSLAM port. The downtime should include cumulative outage of OLT, fibre (RF Cable, Copper cable in case of other technologies), and customer-end devices (ONT/Router/CPE) over a month.
vii) Average Upload/Download Speed (in Mbps): The average upload/download speed (in Mbps) observed during the reporting period, calculated from actual measured upload/download speed (in Mbps) of all users of the corresponding villages measured at OLT/DOCSIS/DSLAM port.
viii) Latency: Average latency (in ms) measured at OLT/DOCSIS/DSLAM port for corresponding villages

Required Validations:

i) The reported village count should match the LGD Directory for the state. Furthermore, the village hierarchy must remain consistent across all eight fields i.e. State Code, State Name, District Code, District Name, Subdistrict Code, Subdistrict Name, Village Code, and Village Name.
ii) Village Code is unique parameter, hence there should NOT be any repetition of the village code.
iii) Coverage Technology should NOT be blank and must contain either 'Yes' or 'No' only.
iv) Subscriber Count should be a whole integer only, i.e. no decimal values and should be either zero or greater than zero.
v) Data Consumption value should be rounded off to two decimal places only.
vi) Downtime is measured in hours and the value should be rounded off to two decimal places only.
vii) Average Upload/Download Speed (in Mbps) value should be rounded off to two decimal places only.
viii) Latency (in ms) value should be rounded off to two decimal places only.



Satellite Communication Services (Annexure-3)

Reporting Year:								For the month ending March ---													
Name of the Service Provider:																					
State Code	State Name	District Code	District Name	Subdistrict Code	Subdistrict Name	Village Code	Village Name	Coverage Technology (Yes/No)		Subscriber Count		Data Consumption (in GB)		Downtime(in Hrs)		Average Upload Speed (in Mbps)		Average Download Speed (in Mbps)		Latency (ms)	
								FSS	MSS	FSS	MSS	FSS	MSS	FSS	MSS	FSS	MSS	FSS	MSS	FSS	MSS
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22

Explanatory Notes:

i) SI.No. 1 to 8 are as per local Govt. directory provided by TRAI.
ii) FSS refers to Fixed Satellite Service, including Commercial VSAT. MSS refers to Mobile Satellite Service.
iii) Coverage Technology: Place 'Yes' if services are delivered in the village using that technology else place 'No'.
iii) Subscriber Count: Total customer count (excluding users of zero data consumption) based on billing/accounting data for the customers corresponding to the village.
iv) Data Consumption (in GB): Total data usage (in GB) for the month based on billing/accounting data corresponding to all customers of the village.
v) Downtime(in Hrs): Measured over the period of one month corresponding to the village.
vi) Average Upload/Download Speed (in Mbps): The average upload/download speed (in Mbps) observed during the reporting period, calculated from actual measured upload/download speed(in Mbps) of all users of the corresponding villages.
vii) Latency: Average latency (in ms) for corresponding villages

Required Validations:

i) The reported village count should match the LGD Directory for the state. Furthermore, the village hierarchy must remain consistent across all eight fields i.e, State Code, State Name, District Code, District Name, Subdistrict Code, Subdistrict Name, Village Code, and Village Name.
ii) Village Code is unique parameter, hence there should NOT be any repetition in the village code.
iii) Coverage Technology should NOT be blank and must contain either 'Yes' or 'No' only.
iv) Subscriber Count should be a whole integer only, i.e. no decimal values and should be either zero or greater than zero.
v) Data Consumption value should be rounded off to two decimal places only.
vi) Downtime is measured in hours and the value should be rounded off to two decimal places only.
vii) Average Upload/Download Speed (in Mbps) value should be rounded off to two decimal places only.
viii) Latency (in ms) value should be rounded off to two decimal places only.

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