

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

**LOK SABHA  
UNSTARRED QUESTION NO. 1425  
TO BE ANSWERED ON 28<sup>th</sup> JULY, 2021**

**ACCESS TO INTERNET AND DIGITAL TRANSACTION**

1425. SHRIMATI APARAJITA SARANGI:

Will the Minister of COMMUNICATIONS be pleased to state:

- (a) the details of internet penetration in the country, State/UT-wise;
- (b) the details of internet penetration in the rural areas; State/UT-wise;
- (c) whether the lack of access to internet has hampered digital payments in many areas and if so, the details thereof and the action taken by the Government thereon;
- (d) the steps taken by the Government in the last five years to improve the quality of digital access in rural India;
- (e) whether the rate of digital transactions has increased in rural India over the last five years; and
- (f) if so, the details thereof including the percentage increase in digital transactions in each year, State/UT-wise including Odisha?

ANSWER

**MINISTER OF STATE FOR COMMUNICATIONS  
(SHRI DEVUSINH CHAUHAN)**

(a) & (b) As per latest “The Indian Telecom Services Performance Indicators” report released by Telecom Regulatory Authority of India (TRAI) on 27<sup>th</sup> April, 2021, there are 58.51 internet subscribers per 100 population in the country and 34.60 internet subscribers per 100 population in the rural area of the country as on 31<sup>st</sup> December, 2020. The Service Area wise details are at **Annexure A**.

(c) & (d) As per data provided by Telecom Service Providers and field units of Department of Telecommunications, it is estimated that out of 5,97,618 inhabited villages (as per Census 2011) in the country, a total number of 5,72,551 villages have internet facility with mobile wireless coverage.

In its endeavour to provide high speed internet connectivity, Government of India is also implementing BharatNet project in all the Gram Panchayats (GPs) and villages of the country. As on 01.07.2021, a total number of 1,57,383 GPs have been made service ready with high speed internet/ broadband infrastructure.

In addition, various schemes are being implemented under Universal Service Obligation Fund (USOF) to enhance mobile internet services in the rural and remote areas of the country including North Eastern Region(NER), areas affected by Left Wing Extremism(LWE), Border areas, Aspirational Districts and islands during last five years.

(e) & (f) As informed by Ministry of Electronic and Information Technology, while data specifically for rural India is not available, digital transactions in the country have increased over the last 5 years. Digital payment volumes have grown from 1,085 crore transactions in financial year (FY) 2016-17 to 5,554 crore transactions in financial year 2020-21 at Compound Annual Growth Rate (CAGR) of 50.42% as per below:

<b>Financial Year</b>	<b>Volume (in crore)</b>	<b>Value (in ₹ lakh crore)</b>
<b>2016-17</b>	1,085	1,393
<b>2017-18</b>	2,071	1,962
<b>2018-19</b>	3,134	2,482
<b>2019-20</b>	4,572	2,953
<b>2020-21</b>	5,554	3,000

State/UT-wise digital transaction data is available for the last two years (FY 2019-20 and FY 2020-21) for five digital payment modes i.e. BHIM App, Immediate Payment Service(IMPS), RuPay on Point of Sale(POS), Unified Payments Interface(UPI) and Unstructured Supplementary Service Data (USSD) and is given in **Annexure B** including Odisha.

Annexure A referred to in Part (a) & (b) of the Lok Sabha Unstarred Question No. 1425 for answer on 28.07.2021

Service Area wise number of Internet Subscribers per 100 population as on December, 2020

S.N.	Service Area	No. of Internet subscribers per 100 population	
		Rural	Total
1.	Andhra Pradesh (including Telangana)	50.26	69.22
2.	Assam	30.77	44.11
3.	Bihar (including Jharkhand)	24.20	32.89
4.	Delhi	515.30	210.65
5.	Gujarat (including Dadra & Nagar Haveli and Daman & Diu)	40.25	69.04
6.	Haryana	40.22	60.42
7.	Himachal Pradesh	63.09	88.92
8.	Jammu & Kashmir (including Ladakh)	36.54	58.75
9.	Karnataka	46.58	73.26
10.	Kerala (including Lakshadweep)	115.71	83.43
11.	Madhya Pradesh (including Chhattisgarh)	26.26	46.52
12.	Maharashtra(including Goa)	45.75	79.85
13.	Mumbai		
14.	North East (Arunachal Pradesh, Manipur, Meghalaya, Mizoram, Nagaland and Tripura)	43.68	56.53
15.	Odisha	36.99	46.92
16.	Punjab (including Chandigarh)	49.23	87.59
17.	Rajasthan	35.50	55.42
18.	Tamil Nadu (including Puducherry)	39.94	69.89
19.	Uttar Pradesh (East)	25.47	40.82
20.	Uttar Pradesh (West) (including Uttarakhand)		
21.	Kolkata	30.14	54.37
22.	West Bengal (including Andaman & Nicobar Islands and Sikkim)		
	<b>Total</b>	<b>34.60</b>	<b>58.51</b>

\* **Source of data:** The Indian Telecom Services Performance Indicators report released by Telecom Regulatory Authority of India (TRAI) on 27<sup>th</sup> April, 2021.

Annexure B referred to in Part (e) & (f) of the Lok Sabha Unstarred Question No. 1425 for answer on 28.07.2021

State/UT-wise Digital Transactions from FY 2019-20 to FY 2020-21 for BHIM App, IMPS, RuPay on POS, UPI and USSD

SN	State	FY 2019-20	FY 2020-21	% Growth
1	Andaman and Nicobar	20,72,586	36,80,882	77.60%
2	Andhra Pradesh	1,22,32,18,907	2,14,82,52,273	75.62%
3	Arunachal Pradesh	70,60,278	1,61,36,999	128.56%
4	Assam	10,51,06,727	20,28,00,298	92.95%
5	Bihar	41,58,65,569	78,06,05,447	87.71%
6	Chandigarh	4,01,74,757	6,87,17,479	71.05%
7	Chhattisgarh	12,91,18,832	24,14,87,411	87.03%
8	Dadra and Nagar Haveli	13,32,587	22,12,467	66.03%
9	Daman and Diu	42,25,391	69,54,209	64.58%
10	Delhi	54,03,25,595	87,13,84,998	61.27%
11	Goa	2,72,81,296	5,08,48,102	86.38%
12	Gujarat	53,07,15,483	1,00,45,09,583	89.27%
13	Haryana	71,45,81,183	1,03,04,08,720	44.20%
14	Himachal Pradesh	6,78,10,331	13,30,01,700	96.14%
15	Jammu and Kashmir	2,68,08,792	5,80,28,828	116.45%
16	Jharkhand	17,82,42,382	32,57,70,411	82.77%
17	Karnataka	1,66,22,28,172	2,80,36,46,479	68.67%
18	Kerala	39,01,43,264	74,06,02,556	89.83%
19	Lakshadweep	4,91,931	6,12,988	24.61%
20	Madhya Pradesh	50,33,43,999	88,29,59,681	75.42%
21	Maharashtra	2,37,97,92,821	4,03,77,87,225	69.67%
22	Manipur	1,03,79,267	2,48,56,871	139.49%
23	Meghalaya	68,82,421	1,62,43,826	136.02%
24	Mizoram	39,81,097	1,09,32,068	174.60%
25	Nagaland	70,49,580	1,69,72,407	140.76%
26	Odisha	35,68,27,818	58,37,53,268	63.60%
27	Puducherry	1,93,51,521	3,43,01,033	77.25%
28	Punjab	20,36,99,211	36,00,41,528	76.75%
29	Rajasthan	61,36,96,426	1,17,69,96,594	91.79%
30	Sikkim	54,71,379	1,09,58,593	100.29%
31	Tamil Nadu	1,02,95,29,521	1,72,45,06,315	67.50%
32	Telangana	1,38,27,81,430	2,13,01,35,712	54.05%
33	Tripura	1,43,58,668	2,66,35,594	85.50%
34	Uttar Pradesh	2,45,62,55,620	3,25,44,14,352	32.49%
35	Uttarakhand	12,04,79,287	22,41,30,092	86.03%
36	West Bengal	52,30,00,843	84,18,57,285	60.97%

\* Source of data: Ministry of Electronic and Information Technology

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