

Monthly Telecom Scenario

August'22

STT Section (ERU)
Department of
Telecommunications
Government of India

Overview

The following table gives a summary of the sector's performance for August'22 vis-à-vis last month (June'22) and July'21:

| | Total | Wireline | Wireless | Rural | Urban | Public | Private |
|---|----------------|----------|----------|--------|--------|--------|---------|
| Telephones (In million) | | | | | | | |
| August'21 | 1209.53 | 22.86 | 1186.67 | 538.13 | 671.40 | 128.27 | 1081.26 |
| July'22 | 1173.51 | 25.57 | 1147.93 | 522.98 | 650.53 | 123.13 | 1050.38 |
| August'22 | 1174.94 | 25.92 | 1149.02 | 523.75 | 651.19 | 122.54 | 1052.40 |
| %age Share | | | | | | | |
| August'21 | | 1.89% | 98.11% | 44.49% | 55.51% | 10.60% | 89.40% |
| July'22 | | 2.18% | 97.82% | 44.57% | 55.43% | 10.49% | 89.51% |
| August'22 | | 2.21% | 97.79% | 44.58% | 55.42% | 10.43% | 89.57% |
| Teledensity (Telephones per 100 persons) | | | | | | | |
| August'21 | 88.44 | 1.67 | 86.77 | 60.19 | 141.79 | 9.38 | 79.06 |
| July'22 | 85.10 | 1.85 | 83.25 | 58.27 | 135.10 | 8.93 | 76.17 |
| August'22 | 85.14 | 1.88 | 83.26 | 58.34 | 135.04 | 8.88 | 76.26 |
| Increase/Decrease in Telephones (In million) | | | | | | | |
| August'22 vis-à-vis August'21 | -34.59 | 3.06 | -37.65 | -14.38 | -20.21 | -5.73 | -28.86 |
| August'22 vis-à-vis July'22 | 1.43 | 0.35 | 1.09 | 0.77 | 0.67 | -0.59 | 2.03 |

| Teledensity: Top five service area | | August'22 | July'22 | August'21 |
|---|------------|------------------|----------------|------------------|
| Himachal Pradesh | (%) | 133.18 | 133.42 | 149.34 |
| Kerala | | 123.24 | 123.44 | 131.40 |
| Punjab | | 117.31 | 117.43 | 126.61 |
| Tamil Nadu | | 102.71 | 102.92 | 109.01 |
| Karnataka | | 101.20 | 101.13 | 104.80 |
| Teledensity: Metros | | | | |
| Delhi | (%) | 268.50 | 267.85 | 278.27 |
| Kolkata | | 141.78 | 142.50 | 159.71 |
| Mumbai | | 136.58 | 137.13 | 155.78 |

Broadband figures for July'22, June'22 & July'21 are 807.42 million, 800.94 million & 808.59 million respectively.



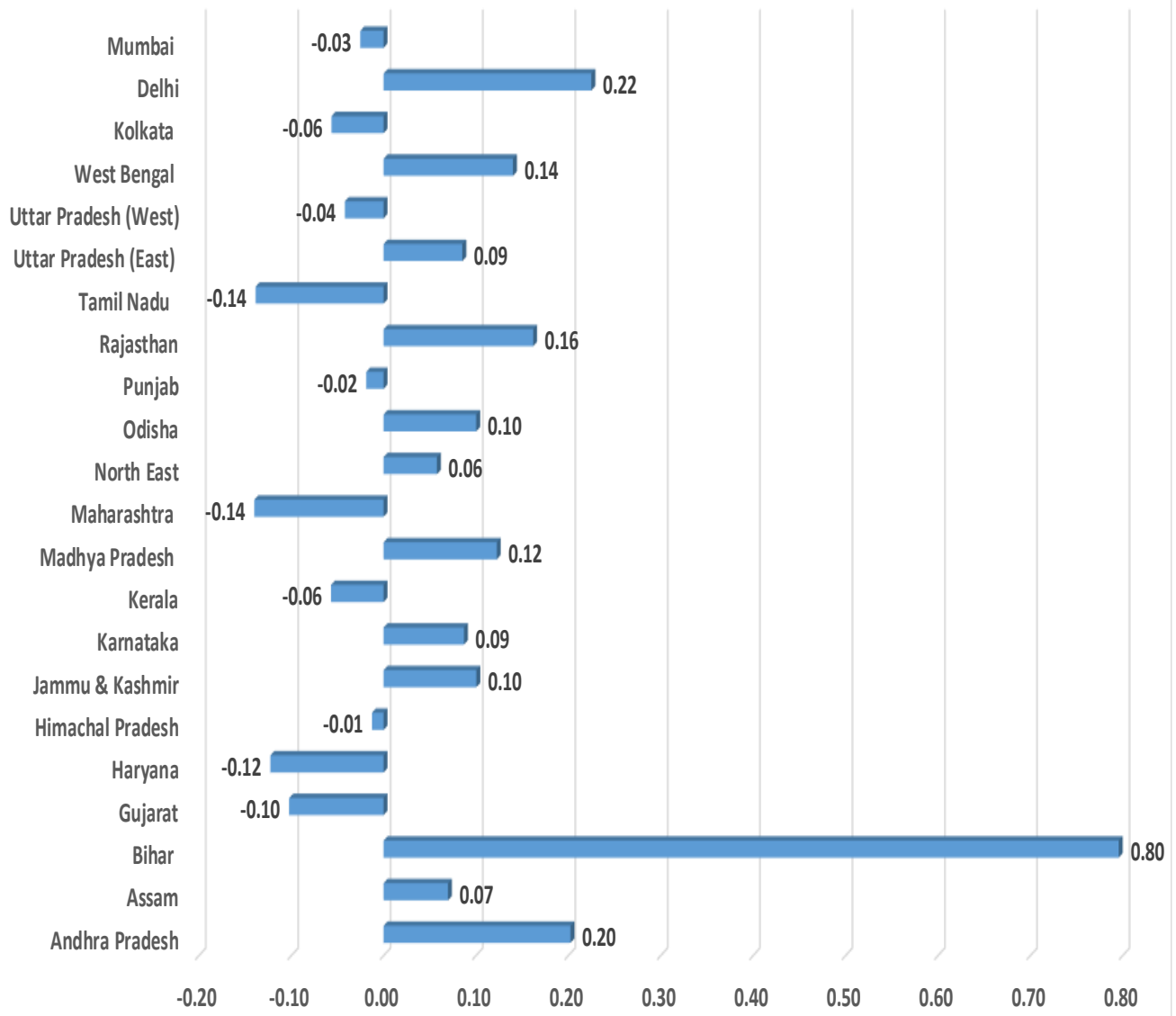
At the end of August'22, the total number of telephones was 1174.94 million, compared to 1173.51 million by the end of July'22, showing an increase of 1.43 million.



Maximum rise in total telephone connections was recorded in Bihar (795780) followed by Delhi (224980) and Andhra Pradesh (202285). However, Maharashtra, Tamil Nadu and Haryana recorded a maximum fall in telephone connections over previous month.

| Total Telephones: Service Area-wise (in million) | | | | | | |
|---|-----------------|-----------------|----------------|----------------|----------------|------------------|
| Service Area | March'22 | April'22 | May'22 | June'22 | July'22 | August'22 |
| Andhra Pradesh | 85.12 | 84.93 | 85.19 | 85.28 | 85.25 | 85.45 |
| Assam | 24.25 | 24.40 | 24.38 | 24.35 | 24.55 | 24.62 |
| Bihar | 86.76 | 87.39 | 88.36 | 89.42 | 90.17 | 90.97 |
| Gujarat | 68.36 | 68.39 | 68.48 | 68.47 | 68.34 | 68.24 |
| Haryana | 27.56 | 27.62 | 27.00 | 27.48 | 27.18 | 27.06 |
| Himachal Pradesh | 10.29 | 10.26 | 10.05 | 9.91 | 9.93 | 9.92 |
| Jammu & Kashmir | 12.23 | 12.40 | 12.56 | 12.05 | 12.21 | 12.31 |
| Karnataka | 67.37 | 67.62 | 67.86 | 67.99 | 68.21 | 68.29 |
| Kerala | 44.69 | 44.52 | 44.34 | 44.20 | 44.14 | 44.09 |
| Madhya Pradesh | 77.79 | 77.65 | 78.17 | 78.38 | 78.61 | 78.74 |
| Maharashtra | 93.69 | 92.91 | 93.19 | 93.75 | 93.77 | 93.63 |
| North East | 12.08 | 12.20 | 12.24 | 12.15 | 12.22 | 12.28 |
| Odisha | 33.12 | 32.91 | 33.16 | 33.15 | 33.26 | 33.36 |
| Punjab | 37.67 | 37.27 | 37.34 | 37.36 | 37.39 | 37.37 |
| Rajasthan | 63.88 | 63.58 | 63.78 | 63.87 | 64.04 | 64.20 |
| Tamil Nadu | 81.15 | 81.24 | 81.33 | 81.29 | 80.64 | 80.50 |
| Uttar Pradesh (East) | 101.16 | 101.56 | 102.15 | 102.33 | 102.19 | 102.28 |
| Uttar Pradesh (West) | 64.69 | 64.71 | 65.08 | 65.12 | 65.28 | 65.24 |
| West Bengal | 56.75 | 57.24 | 57.11 | 57.36 | 57.62 | 57.76 |
| Kolkata | 24.67 | 24.77 | 24.57 | 24.59 | 24.80 | 24.74 |
| Delhi | 56.20 | 56.59 | 56.68 | 56.96 | 56.59 | 56.82 |
| Mumbai | 37.36 | 37.57 | 37.58 | 37.37 | 37.10 | 37.07 |
| All- India | 1166.84 | 1167.72 | 1170.62 | 1172.81 | 1173.51 | 1174.94 |
| <i>Source: TSPs</i> | | | | | | |

Increase/Decrease from July'22 to August'22 (in million)



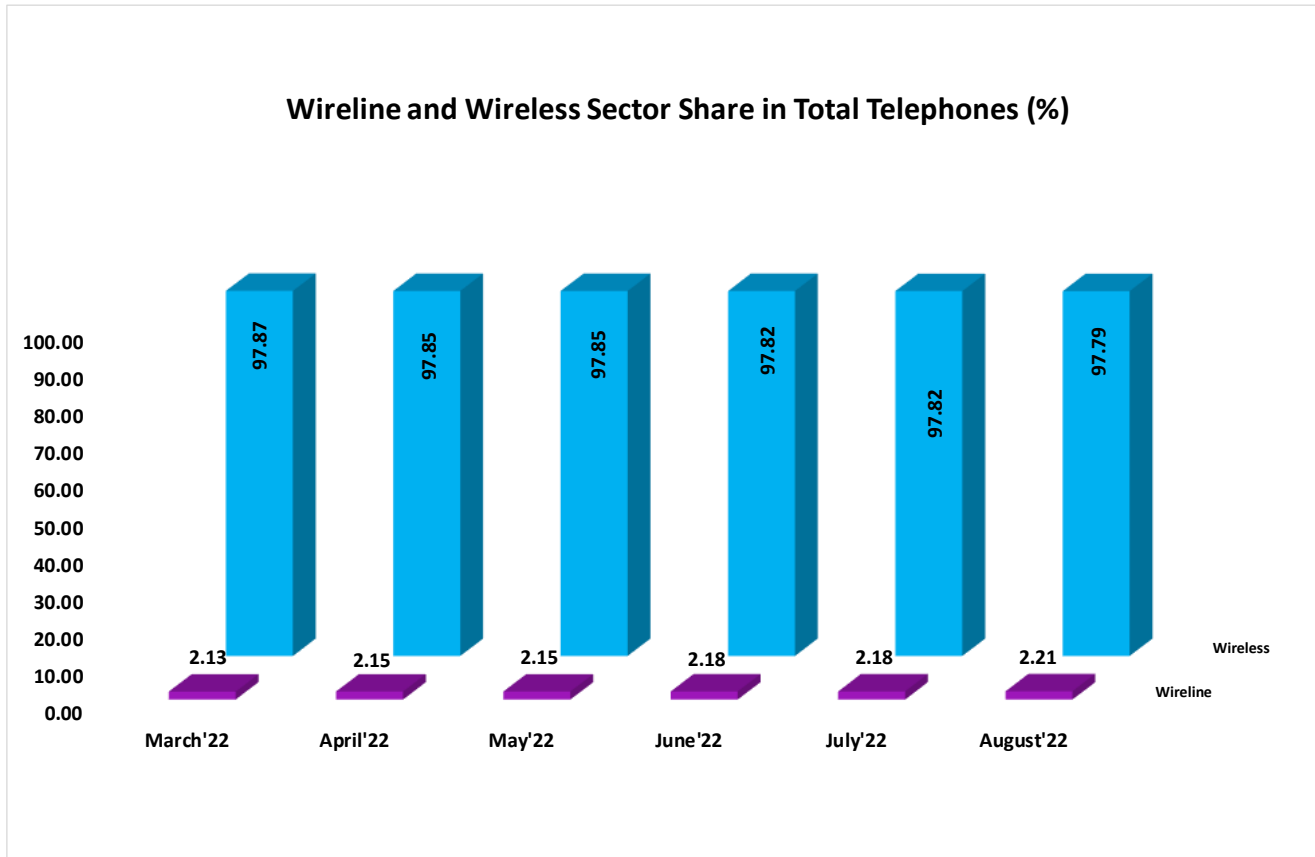


Service area-wise analysis reveals that Uttar Pradesh (East) had the highest share in the total telephones (8.71%) followed by Maharashtra (7.97%), Bihar (7.74%), Andhra Pradesh (7.27%) and Tamil Nadu (6.85%). These five Service areas taken together accounted for 38.54% of total telephone connections in India.

| Telephones during the month of August'22 (in million) | | | | |
|--|-----------------|-----------------|----------------|---------------------|
| Service Area | Wireline | Wireless | Total | Share (%) of |
| Andhra Pradesh | 2.14 | 83.31 | 85.45 | 7.27 |
| Assam | 0.24 | 24.37 | 24.62 | 2.10 |
| Bihar | 0.50 | 90.46 | 90.97 | 7.74 |
| Gujarat | 1.09 | 67.15 | 68.24 | 5.81 |
| Haryana | 0.37 | 26.69 | 27.06 | 2.30 |
| Himachal Pradesh | 0.13 | 9.79 | 9.92 | 0.84 |
| Jammu & Kashmir | 0.30 | 12.01 | 12.31 | 1.05 |
| Karnataka | 2.85 | 65.45 | 68.29 | 5.81 |
| Kerala | 1.33 | 42.76 | 44.09 | 3.75 |
| Madhya Pradesh | 1.13 | 77.61 | 78.74 | 6.70 |
| Maharashtra | 1.40 | 92.23 | 93.63 | 7.97 |
| North East | 0.19 | 12.09 | 12.28 | 1.04 |
| Odisha | 0.35 | 33.01 | 33.36 | 2.84 |
| Punjab | 1.02 | 36.35 | 37.37 | 3.18 |
| Rajasthan | 0.76 | 63.44 | 64.20 | 5.46 |
| Tamil Nadu | 2.44 | 78.06 | 80.50 | 6.85 |
| Uttar Pradesh (East) | 0.64 | 101.63 | 102.28 | 8.71 |
| Uttar Pradesh (West) | 0.65 | 64.59 | 65.24 | 5.55 |
| West Bengal | 0.42 | 57.34 | 57.76 | 4.92 |
| Kolkata | 0.79 | 23.95 | 24.74 | 2.11 |
| Delhi | 4.01 | 52.81 | 56.82 | 4.84 |
| Mumbai | 3.18 | 33.90 | 37.07 | 3.16 |
| All- India | 25.92 | 1149.02 | 1174.94 | 100.00 |
| <i>Source: TSPs</i> | | | | |

Wireless vs. Wireline

- The share of wireless segment in total connections stood at 97.79% by the end of August'22, while the share of wireline telephones was 2.21%.

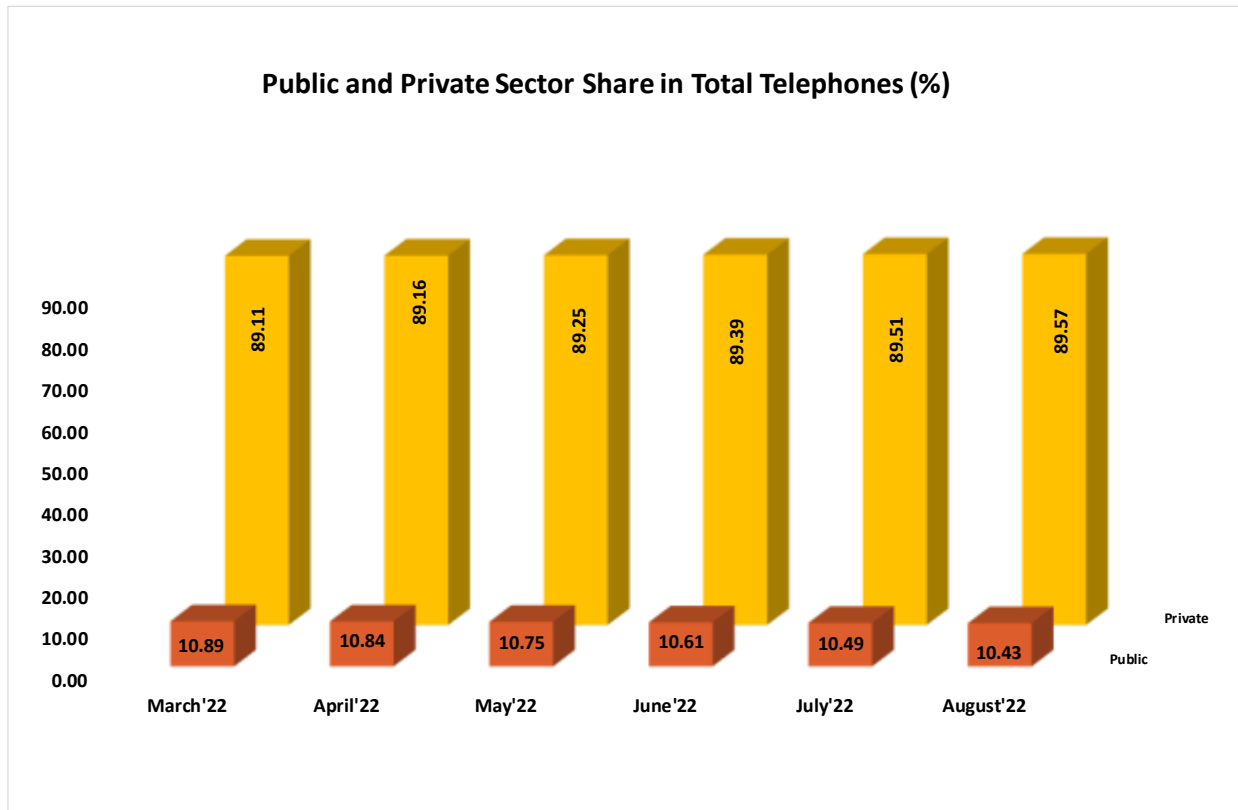


Telephones: Wireline vs Wireless

| At the end of | Telephones (In million) | | | Additions | Share (%) | | Growth (%) over previous month | | |
|------------------|-------------------------|----------|----------------|-----------|-----------|----------|--------------------------------|----------|-------|
| | Wireline | Wireless | Total | | Wireline | Wireless | Wireline | Wireless | Total |
| March'22 | 24.82 | 1142.02 | 1166.84 | 0.79 | 2.13 | 97.87 | 1.31 | 0.04 | 0.07 |
| 2022-23 | | | | | | | | | |
| April'22 | 25.14 | 1142.57 | 1167.72 | 0.87 | 2.15 | 97.85 | 1.29 | 0.05 | 0.07 |
| May'22 | 25.21 | 1145.40 | 1170.62 | 2.90 | 2.15 | 97.85 | 0.28 | 0.25 | 0.25 |
| June'22 | 25.52 | 1147.29 | 1172.81 | 2.19 | 2.18 | 97.82 | 1.21 | 0.16 | 0.19 |
| July'22 | 25.57 | 1147.93 | 1173.51 | 0.69 | 2.18 | 97.82 | 0.22 | 0.06 | 0.06 |
| August'22 | 25.92 | 1149.02 | 1174.94 | 1.43 | 2.21 | 97.79 | 1.36 | 0.09 | 0.12 |

Public vs. Private

☞ In August'22, share of public sector in total telephones was 10.43%, as against 89.57% of the private sector. In July'22, it was 10.49% and 89.51% respectively.

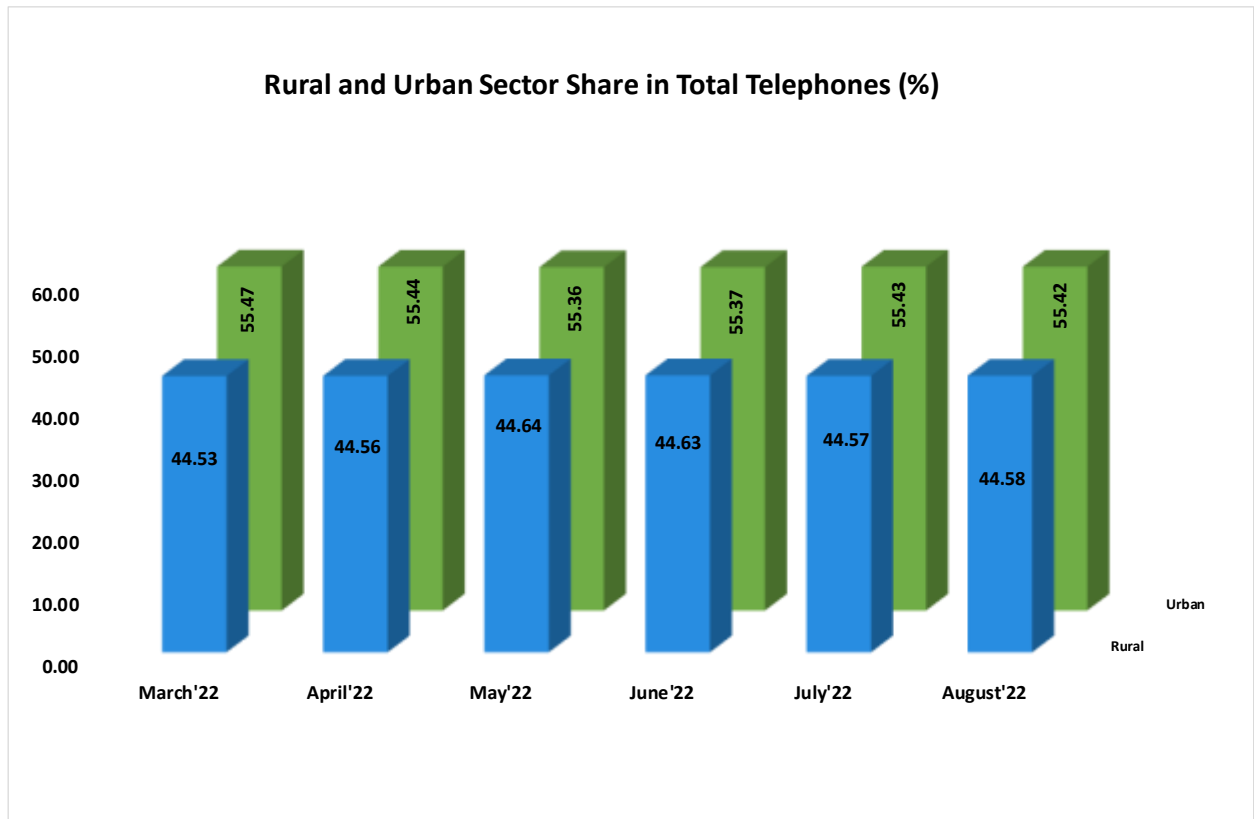


Telephones: Public vs. Private

| At the end of | Telephones (In million) | | | Additions | | Share (%) | | Growth (%) over previous month | |
|----------------|-------------------------|---------|----------------|-----------|---------|-----------|---------|--------------------------------|---------|
| | Public | Private | Total | Public | Private | Public | Private | Public | Private |
| March'22 | 127.10 | 1039.74 | 1166.84 | -0.31 | 1.10 | 10.89 | 89.11 | -0.25 | 0.11 |
| 2022-23 | | | | | | | | | |
| April'22 | 126.63 | 1041.09 | 1167.72 | -0.47 | 1.35 | 10.84 | 89.16 | -0.37 | 0.13 |
| May'22 | 125.86 | 1044.76 | 1170.62 | -0.77 | 3.67 | 10.75 | 89.25 | -0.61 | 0.35 |
| June'22 | 124.48 | 1048.33 | 1172.81 | -1.38 | 3.57 | 10.61 | 89.39 | -1.09 | 0.34 |
| July'22 | 123.13 | 1050.38 | 1173.51 | -1.35 | 2.05 | 10.49 | 89.51 | -1.09 | 0.20 |
| August'22 | 122.54 | 1052.40 | 1174.94 | -0.59 | 2.03 | 10.43 | 89.57 | -0.48 | 0.19 |

Rural vs. Urban

- ☞ Share of rural areas in total telephones stands 44.58% in August'22 against 44.57% of July'22, similarly share of urban areas stands 55.42% in August'22 against 55.43% of July'22.



Telephones: Rural vs. Urban

| At the end of | Telephones (In million) | | | Additions | | Share (%) | | Growth (%) over previous month | |
|----------------|-------------------------|--------|----------------|-----------|-------|-----------|-------|--------------------------------|-------|
| | Rural | Urban | Total | Rural | Urban | Rural | Urban | Rural | Urban |
| March'22 | 519.63 | 647.21 | 1166.84 | 1.49 | -0.71 | 44.53 | 55.47 | 0.29 | -0.11 |
| 2022-23 | | | | | | | | | |
| April'22 | 520.37 | 647.35 | 1167.72 | 0.74 | 0.13 | 44.56 | 55.44 | 0.14 | 0.02 |
| May'22 | 522.52 | 648.10 | 1170.62 | 2.15 | 0.75 | 44.64 | 55.36 | 0.41 | 0.12 |
| June'22 | 523.45 | 649.36 | 1172.81 | 0.93 | 1.26 | 44.63 | 55.37 | 0.18 | 0.19 |
| July'22 | 522.98 | 650.53 | 1173.51 | -0.48 | 1.17 | 44.57 | 55.43 | -0.09 | 0.18 |
| August'22 | 523.75 | 651.19 | 1174.94 | 0.77 | 0.67 | 44.58 | 55.42 | 0.15 | 0.10 |

Teledensity

- ☞ The overall tele-density at the end of August'22 stood at 85.14% as against 85.10% in July'22. Among the Service areas, Himachal Pradesh (133.18%) had the highest tele-density followed by Kerala (123.24%), Punjab (117.31%), Tamil Nadu (102.71%) and Karnataka (101.20%). Among the three metros, Delhi Service Area topped in tele-density with 268.50%, followed by Kolkata (141.78%) and Mumbai (136.58%).

| Total Telephones: Service Area-wise (in million) | | | | | |
|---|-----------------|-----------------|---------------|----------------|------------------|
| Service Area | March'22 | April'22 | May'22 | June'22 | August'22 |
| Andhra Pradesh | 93.63 | 93.39 | 93.65 | 93.72 | 93.84 |
| Assam | 68.50 | 68.87 | 68.76 | 68.60 | 69.26 |
| Bihar | 52.88 | 53.19 | 53.72 | 54.31 | 55.11 |
| Gujarat | 95.08 | 95.01 | 95.04 | 94.91 | 94.39 |
| Haryana | 92.24 | 92.36 | 90.19 | 91.71 | 90.10 |
| Himachal Pradesh | 138.44 | 137.94 | 135.09 | 133.13 | 133.18 |
| Jammu & Kashmir | 88.55 | 89.72 | 90.81 | 87.07 | 88.86 |
| Karnataka | 100.10 | 100.42 | 100.72 | 100.86 | 101.20 |
| Kerala | 125.15 | 124.62 | 124.08 | 123.63 | 123.24 |
| Madhya Pradesh | 67.35 | 67.17 | 67.54 | 67.66 | 67.83 |
| Maharashtra | 93.35 | 92.58 | 92.87 | 93.43 | 93.33 |
| North East | 77.35 | 78.03 | 78.27 | 77.60 | 78.28 |
| Odisha | 74.99 | 74.48 | 75.03 | 74.99 | 75.44 |
| Punjab | 118.57 | 117.25 | 117.40 | 117.40 | 117.31 |
| Rajasthan | 79.62 | 79.18 | 79.35 | 79.39 | 79.66 |
| Tamil Nadu | 103.69 | 103.77 | 103.86 | 103.79 | 102.71 |
| Uttar Pradesh (East) | 67.68 | 67.80 | 68.13 | 68.16 | 68.08 |
| Uttar Pradesh (West) | | | | | |
| West Bengal | 68.77 | 69.37 | 69.22 | 69.53 | 70.03 |
| Kolkata | 143.38 | 143.56 | 142.00 | 141.68 | 141.78 |
| Delhi | 267.64 | 269.07 | 269.09 | 269.98 | 268.50 |
| Mumbai | 139.96 | 140.27 | 139.84 | 138.57 | 136.58 |
| All- India | 84.87 | 84.87 | 85.02 | 85.12 | 85.14 |

Note: No separate population data is available for UP(W); so UP€ and UP(W) have been clubbed together to show the figure for UP.

☞ The teledensity for wireless segment was 83.26% whereas that of wireline segment is 1.88%. Teledensity reported in rural areas was 58.34% and that in the urban areas was 135.04%. In Public sector, teledensity was 8.88% and in Private sector, it was 76.26% for the month of August'22.

Tele-density

| At the end of | Tele-density (%) | | | | | | |
|----------------|------------------|--------|--------------|----------|----------|--------|---------|
| | Rural | Urban | Overall | Wireline | Wireless | Public | Private |
| March'22 | 57.98 | 135.23 | 84.87 | 1.81 | 83.07 | 9.25 | 75.63 |
| 2022-23 | | | | | | | |
| April'22 | 58.04 | 135.05 | 84.87 | 1.83 | 83.05 | 9.20 | -0.13 |
| May'22 | 58.26 | 135.01 | 85.02 | 1.83 | 83.19 | 9.14 | -0.03 |
| June'22 | 58.35 | 135.06 | 85.12 | 1.85 | 83.26 | 9.03 | 0.04 |
| July'22 | 58.27 | 135.10 | 85.10 | 1.85 | 83.25 | 8.93 | 76.17 |
| August'22 | 58.34 | 135.04 | 85.14 | 1.88 | 83.26 | 8.88 | 76.26 |

Internet

☞ The number of Internet subscribers (both broadband and narrowband put together) which was 829.30 million at the end of December'21 decreased to 824.89 million by the end of March'22. The number of subscribers accessing internet via wireless phones was 797.61 million at the end of March'22. The number of wired Internet subscribers was 27.28 million at the end of March'22.

| Internet Subscribers (In Million) | | | | | | | | |
|-----------------------------------|--------------------|--------|-----------|------------|--------|--------|----------|----------|
| Quarter ending | Quarterly Growth % | Total | Broadband | Narrowband | Rural | Urban | Wireline | Wireless |
| March'20 | 3.40% | 743.19 | 687.44 | 55.75 | 285.97 | 457.22 | 22.42 | 720.77 |
| June'20 | 0.79% | 749.07 | 698.23 | 50.84 | 293.09 | 455.98 | 23.05 | 726.02 |
| September'20 | 3.66% | 776.45 | 726.32 | 50.14 | 302.35 | 474.11 | 24.36 | 752.09 |
| December'20 | 2.41% | 795.18 | 747.41 | 47.77 | 308.17 | 487.01 | 25.54 | 769.64 |
| March'21 | 3.79% | 825.30 | 778.09 | 47.21 | 322.77 | 502.53 | 25.99 | 799.31 |
| June'21 | 1.02% | 833.71 | 792.78 | 40.93 | 336.87 | 496.84 | 23.58 | 810.13 |
| September'21 | 0.07% | 834.29 | 794.88 | 39.41 | 336.60 | 497.69 | 24.47 | 809.82 |
| December'21 | -0.60% | 829.30 | 792.09 | 37.21 | 333.10 | 496.20 | 26.58 | 802.72 |
| March'22 | -0.53% | 824.89 | 788.30 | 36.59 | 331.81 | 493.08 | 27.28 | 797.61 |
| <i>Source: TRAI</i> | | | | | | | | |

☞ The number of Broadband subscribers was 807.42 million at the end of July'22 as compared to 800.94 million in June'22, showing an increase of 0.81%.

| Broadband Subscribers in India (In Million) | | | | |
|--|--------------|-----------------|--------------------------|-------------------|
| At the end of | Wired | Wireless | Total Subscribers | Growth (%) |
| July'21 | 24.01 | 784.58 | 808.59 | 1.99 |
| August'21 | 24.29 | 789.18 | 813.47 | 0.60 |
| September'21 | 24.39 | 770.50 | 794.89 | -2.28 |
| October'21 | 24.55 | 774.40 | 798.95 | 0.51 |
| November'21 | 24.42 | 777.19 | 801.61 | 0.33 |
| December'21 | 26.43 | 765.65 | 792.08 | -1.19 |
| January'22 | 26.65 | 756.78 | 783.43 | -1.09 |
| February'22 | 26.63 | 756.74 | 783.37 | -0.01 |
| March'22 | 27.25 | 761.05 | 788.30 | 0.63 |
| April'22 | 27.83 | 760.94 | 788.77 | 0.06 |
| May'22 | 28.10 | 766.58 | 794.68 | 0.75 |
| June'22 | 28.71 | 772.23 | 800.94 | 0.79 |
| July'22 | 29.47 | 777.95 | 807.42 | 0.81 |
