

**GOVERNMENT OF INDIA
MINISTRY OF HOUSING AND URBAN AFFAIRS
LOK SABHA**

**UNSTARRED QUESTION NO. 811
TO BE ANSWERED ON JULY 24, 2025**

MODERNISATION OF URBAN DRAINAGE SYSTEMS

NO. 811. SHRI TANGELLA UDAY SRINIVAS:

Will the Minister of HOUSING AND URBAN AFFAIRS be pleased to state:

- (a) the percentage of urban areas in the country covered by proper drainage systems along with the number of cities and towns still dependent on open drains, State-wise;**
- (b) the total length, capacity and condition of existing stormwater and sewage drainage networks in major cities with details of uncovered, under-served or flood-prone areas;**
- (c) the number of urban floods and waterlogging incidents reported during the last five years, city-wise along with the estimated social and economic impact of such incidents;**
- (d) the details of the funds allocated, sanctioned and utilised for urban drainage infrastructure under the Atal Mission for Rejuvenation and Urban Transformation (AMRUT), Smart Cities Mission (SCM) and Swachh Bharat Mission-Urban (SBM-U) during each of the last five years, State-wise; and**
- (e) whether the Government proposes to introduce new guidelines, investments or technologies for modernising urban drainage systems to enhance flood resilience and climate adaptation and if so, the details thereof?**

ANSWER

**THE MINISTER OF STATE IN THE
MINISTRY OF HOUSING AND URBAN AFFAIRS
(SHRI TOKHAN SAHU)**

(a) & (b): As per 12th Schedule of the Constitution of India, urban planning falls under the purview of the State Governments and the Urban Local Bodies (ULBs)/ Urban Development Authorities at city level, who are responsible for maintaining the drainage and sewerage system. Government of India supplements the efforts of the States through schematic interventions/ advisories. It provides financial and technical support to the States to strengthen Urban Planning ecosystem. State-wise/ city-wise data of drainage system in the country is not centrally maintained.

(c) to (e) Management of urban flooding falls under the purview of the State Governments and the Urban Local Bodies (ULBs)/ Urban Development Authorities, who are responsible for maintaining the drainage and sewerage system. Usually, increased incidence of high intensity rainfall in short duration is mainly responsible for urban floods, which is further compounded by unplanned growth, encroachment of natural water bodies, inadequate sewer systems, inadequate rainwater drainage systems, encroachments, etc. Government of India supplements the efforts of the States through schematic interventions/ advisories. It provides financial and technical support to the States to strengthen Urban Planning ecosystem. Ministry of Housing and Urban Affairs does not centrally maintain the details of the incidents of urban floods and water logging incidents in cities.

Under Atal Mission for Rejuvenation and Urban Transformation (AMRUT), storm water drainage was an admissible component which involved construction and improvement of drains/ storm water drains in order to reduce and eliminate flooding. Under AMRUT, 838 Storm Water Drainage projects worth ₹3016.82 crore have been approved. As reported by the States, 809 Storm Water Drainage projects worth ₹2,401.38 crore have been completed, which has resulted in elimination of 3,759 water logging points. State-wise details are given in Annexure-I.

Under AMRUT 2.0, rejuvenation of water bodies and wells is one of the main components. The admissible elements under this include harvesting the rainwater through storm water drains into water body (which is not receiving sewage/ effluent). Under AMRUT 2.0, 3,032 water body rejuvenation projects worth ₹6,210.66 crore have been approved so far. State-wise details are given in Annexure-II.

Swachh Bharat Mission (SBM-U) 2.0 has been launched on October 1, 2021. SBM-U 2.0 also includes a new component i.e. Used Water management (UWM) under which Central share funds for Urban Local Bodies (ULBs) with population less than 1 lakh are released for taking up the activities for setting up of Sewage Treatment Plants (STPs)/ STP-cum-FSTP; laying Interception and Diversion (I&D) structures including provision of pumping stations and pumping main/gravity main upto STP and; procuring adequate numbers of septic tank desludging equipments. State-wise details of funds allocated under UWM component of SBM-U 2.0 and year-wise released is at Annexure-III.

SCM followed an area-based development approach through retrofitting, redevelopment and greenfield development in 100 cities. The cities under SCM are being developed based on Smart City Proposals (SCPs) across various sectors viz. smart mobility, Water, Sanitation, Hygiene (WASH), smart governance, smart energy, environment etc., approved by High Powered Steering Committee (HPSC), received from States/UTs. For Water Sanitation & Hygiene (WASH), 1545 projects worth ₹49,621 crore have been taken up by Smart Cities in convergence with other Mission/ Schemes, of which 1465 projects worth ₹ 47,396 crore have been completed. As on 11.07.2025, out of a total 8063 projects amounting to ₹ 1,64,695 crore undertaken in the 100 cities selected under SCM, 7,636 projects (95% of total projects) amounting to ₹1,53,977 crore have been completed and the remaining 427 projects amounting to ₹10,718 crore are ongoing. With the closure of SCM on March 31, 2025, there is no Budgetary allocation under SCM for this financial year.

MoHUA has published the following documents/advisory guidelines for improving urban drainage and flood management, viz.:

i. Urban and Regional Development Plans Formulation and Implementation (URDPFI) Guidelines, 2014:

[https://mohua.gov.in/upload/uploadfiles/files/URDPFI%20Guidelines%20Vol%20I\(2\).pdf](https://mohua.gov.in/upload/uploadfiles/files/URDPFI%20Guidelines%20Vol%20I(2).pdf)

ii. Standard Operating Procedure (SOP) for Urban Flooding

<https://mohua.gov.in/upload/uploadfiles/files/SOP%20Urban%20flooding%20May%202017.pdf>

iii. River Centric Urban Planning Guidelines in 2021 to enable cities in the development of conjunctive water management approaches including nature-based solution

<https://mohua.gov.in/upload/uploadfiles/files/RCUP%20Guidelines.pdf>

iv. Guidance Document on Creation of Rain Water Harvesting Parks

<https://mohua.gov.in/pdf/6566e1048ab41guidance-document-on-rainwater-harvesting-parks-final.pdf>

ANNEXURE-I REFERRED TO IN REPLY TO PART (c) to (e) OF UNSTARRED QUESTION NO. 811 REGARDING “MODERNISATION OF URBAN DRAINAGE SYSTEMS”, DUE FOR ANSWER IN THE LOK SABHA ON 24.07.2025:

STATE-WISE DETAILS OF STORM WATER DRAINAGE PROJECTS UNDER AMRUT

| SI No. | State/UT's | Total projects taken up | | Work Completed | | |
|--------|---------------------------|-------------------------|-----------------|----------------|-----------------|---------------------------------------|
| | | No of Projects | Cost (In ₹ Cr.) | No of Projects | Cost (In ₹ Cr.) | No of water logging points eliminated |
| 1 | Andaman & Nicobar Islands | 8 | 4.02 | 8 | 4.02 | 11 |
| 2 | Andhra Pradesh | 14 | 342.72 | 4 | 100.81 | 6 |
| 3 | Arunachal Pradesh | 3 | 40.37 | 3 | 40.37 | 10 |
| 4 | Bihar | 3 | 237.99 | 2 | 79.21 | 13 |
| 5 | Delhi | 3 | 5.38 | 3 | 5.38 | 17 |
| 6 | Gujarat | 36 | 224.49 | 35 | 219.91 | 242 |
| 7 | Haryana | 19 | 452.37 | 18 | 323.26 | 241 |
| 8 | Himachal Pradesh | 10 | 31.91 | 10 | 31.91 | 244 |
| 9 | Jammu and Kashmir | 36 | 184.73 | 36 | 184.73 | 179 |
| 10 | Karnataka | 83 | 238.06 | 83 | 238.06 | 128 |
| 11 | Kerala | 535 | 363.4 | 524 | 339.42 | 1371 |
| 12 | Madhya Pradesh | 23 | 248.32 | 23 | 248.32 | 223 |
| 13 | Maharashtra | 1 | 94.06 | 1 | 94.06 | 20 |
| 14 | Mizoram | 3 | 57.2 | 3 | 57.2 | 0 |
| 15 | Nagaland | 8 | 79.75 | 3 | 22.67 | 0 |
| 16 | Rajasthan | 6 | 63.07 | 6 | 63.07 | 30 |
| 17 | Sikkim | 25 | 14.91 | 25 | 14.91 | 853 |
| 18 | Uttarakhand | 15 | 32.57 | 15 | 32.57 | 103 |
| 19 | West Bengal | 7 | 301.5 | 7 | 301.5 | 68 |
| | Total | 838 | 3016.82 | 809 | 2401.38 | 3759 |

ANNEXURE-II REFERRED TO IN REPLY TO PART (c) to (e) OF UNSTARRED QUESTION NO. 811 REGARDING “MODERNISATION OF URBAN DRAINAGE SYSTEMS”, DUE FOR ANSWER IN THE LOK SABHA ON 24.07.2025:

STATE-WISE DETAILS OF WATERBODY REJUVENATION PROJECTS UNDER AMRUT 2.0

| SI NO | State/UT's | No | T0tal Project Cost (in Cr.) |
|--------------|--------------------------|-------------|------------------------------------|
| 1 | ANDHRA PRADESH | 196 | 522.04 |
| 2 | ARUNACHAL PRADESH | 4 | 12.32 |
| 3 | ASSAM | 31 | 18.48 |
| 4 | BIHAR | 7 | 11.6383 |
| 5 | CHHATTISGARH | 17 | 119.06 |
| 6 | DELHI | 45 | 157.303 |
| 7 | GOA | 2 | 11.96 |
| 8 | GUJARAT | 188 | 650.566 |
| 9 | HIMACHAL PRADESH | 19 | 8.39472 |
| 10 | JAMMU AND KASHMIR | 50 | 19.2924 |
| 11 | JHARKHAND | 70 | 106.283 |
| 12 | KARNATAKA | 203 | 542.267 |
| 13 | KERALA | 371 | 146.6429 |
| 14 | LADAKH | 1 | 3 |
| 15 | MADHYA PRADESH | 430 | 511.7537 |
| 16 | MAHARASHTRA | 96 | 1535.869 |
| 17 | MANIPUR | 21 | 4.27643 |
| 18 | MIZORAM | 73 | 12 |
| 19 | NAGALAND | 1 | 0.76 |
| 20 | ODISHA | 137 | 184.313 |
| 21 | PUDUCHERRY | 9 | 9.1685 |
| 22 | PUNJAB | 24 | 63.2699 |
| 23 | RAJASTHAN | 98 | 356.3304 |
| 24 | SIKKIM | 1 | 1.25 |
| 25 | TAMIL NADU | 474 | 229.1884 |
| 26 | TELANGANA | 142 | 380.1057 |
| 27 | TRIPURA | 9 | 22.464 |
| 28 | UTTAR PRADESH | 194 | 385.6363 |
| 29 | UTTARAKHAND | 2 | 0.9668 |
| 30 | WEST BENGAL | 117 | 184.059 |
| | Total | 3032 | 6210.658 |

ANNEXURE-III REFERRED TO IN REPLY TO PART (c) to (e) OF UNSTARRED QUESTION NO. 811 REGARDING “MODERNISATION OF URBAN DRAINAGE SYSTEMS”, DUE FOR ANSWER IN THE LOK SABHA ON 24.07.2025:

STATE-WISE DETAILS OF FUNDS ALLOCATED UNDER UWM COMPONENT OF SBM-U 2.0 AND YEAR-WISE RELEASED

| Sl. No. | State/UT | Mission Allocation (In ₹ Cr) | Central Allocation 2021-22 (In ₹ Cr) | Central Allocation 2022-23 (In ₹ Cr) | Central Allocation 2023-24 (In ₹ Cr) | Central Allocation 2024-25 (In ₹ Cr) |
|---------|--------------------------------------|------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| 1 | A&N Islands | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 |
| 2 | Andhra Pradesh | 694.10 | 2.20 | 150.00 | 0.00 | 3.75 |
| 3 | Arunachal Pradesh | 79.30 | 0.56 | 0.00 | 19.27 | 0.00 |
| 4 | Assam | 315.70 | 1.92 | 41.00 | 0.00 | 1.28 |
| 5 | Bihar | 666.50 | 2.86 | 0.00 | 0.00 | 163.77 |
| 6 | Chandigarh | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 |
| 7 | Chhattisgarh | 414.60 | 3.38 | 162.46 | 0.00 | 0.57 |
| 8 | Dadra & Nagar Haveli and Daman & Diu | 23.10 | 0.06 | 0.00 | 0.00 | 0.00 |
| 9 | Delhi | 0.00 | 0.20 | 0.00 | 0.00 | 0.00 |
| 10 | Goa | 56.90 | 0.28 | 2.87 | 0.00 | 0.00 |
| 11 | Gujarat | 806.90 | 3.30 | 0.00 | 10.15 | 68.92 |
| 12 | Haryana | 284.40 | 1.86 | 0.00 | 0.00 | 0.50 |
| 13 | Himachal Pradesh | 101.00 | 1.22 | 0.00 | 24.01 | 0.00 |
| 14 | Jammu & Kashmir | 226.40 | 3.20 | 0.00 | 53.40 | 0.00 |
| 15 | Jharkhand | 236.80 | 0.84 | 0.00 | 46.49 | 0.00 |
| 16 | Karnataka | 1128.60 | 5.74 | 0.00 | 232.41 | 0.00 |
| 17 | Kerala | 521.70 | 1.88 | 0.00 | 0.00 | 0.00 |
| 18 | Ladakh | 34.10 | 0.14 | 0.00 | 0.00 | 0.00 |
| 19 | Madhya Pradesh | 1229.50 | 8.24 | 0.00 | 54.85 | 237.78 |
| 20 | Maharashtra | 1484.80 | 8.04 | 19.56 | 282.02 | 0.00 |
| 21 | Manipur | 58.70 | 0.54 | 4.85 | 0.00 | 9.28 |
| 22 | Meghalaya | 40.80 | 0.20 | 0.00 | 10.00 | 0.00 |
| 23 | Mizoram | 48.10 | 0.46 | 0.00 | 11.57 | 0.00 |
| 24 | Nagaland | 103.27 | 0.78 | 0.00 | 25.04 | 0.00 |
| 25 | Odisha | 491.00 | 2.28 | 0.00 | 120.47 | 1.63 |
| 25 | Puducherry | 26.08 | 0.20 | 7.96 | 0.00 | 0.00 |
| 27 | Punjab | 589.00 | 3.32 | 87.42 | 0.00 | 0.63 |
| 28 | Rajasthan | 916.10 | 3.96 | 35.90 | 100.10 | 2.89 |
| 29 | Sikkim | 9.80 | 0.14 | 0.00 | 2.31 | 0.00 |
| 30 | Tamil Nadu | 1999.70 | 13.32 | 326.75 | 0.00 | 160.50 |
| 31 | Telangana | 463.10 | 2.82 | 182.42 | 0.00 | 0.00 |
| 32 | Tripura | 48.40 | 0.40 | 0.00 | 7.78 | 0.00 |
| 33 | Uttar Pradesh | 2117.20 | 14.48 | 0.00 | 256.31 | 0.00 |
| 34 | Uttarakhand | 203.00 | 2.02 | 0.00 | 0.00 | 0.00 |
| 35 | West Bengal | 507.90 | 2.56 | 0.00 | 0.00 | 121.61 |