Mapping Administrative Units into Assembly and Parliamentary Constituencies

CHHATTISGARH

October 2022

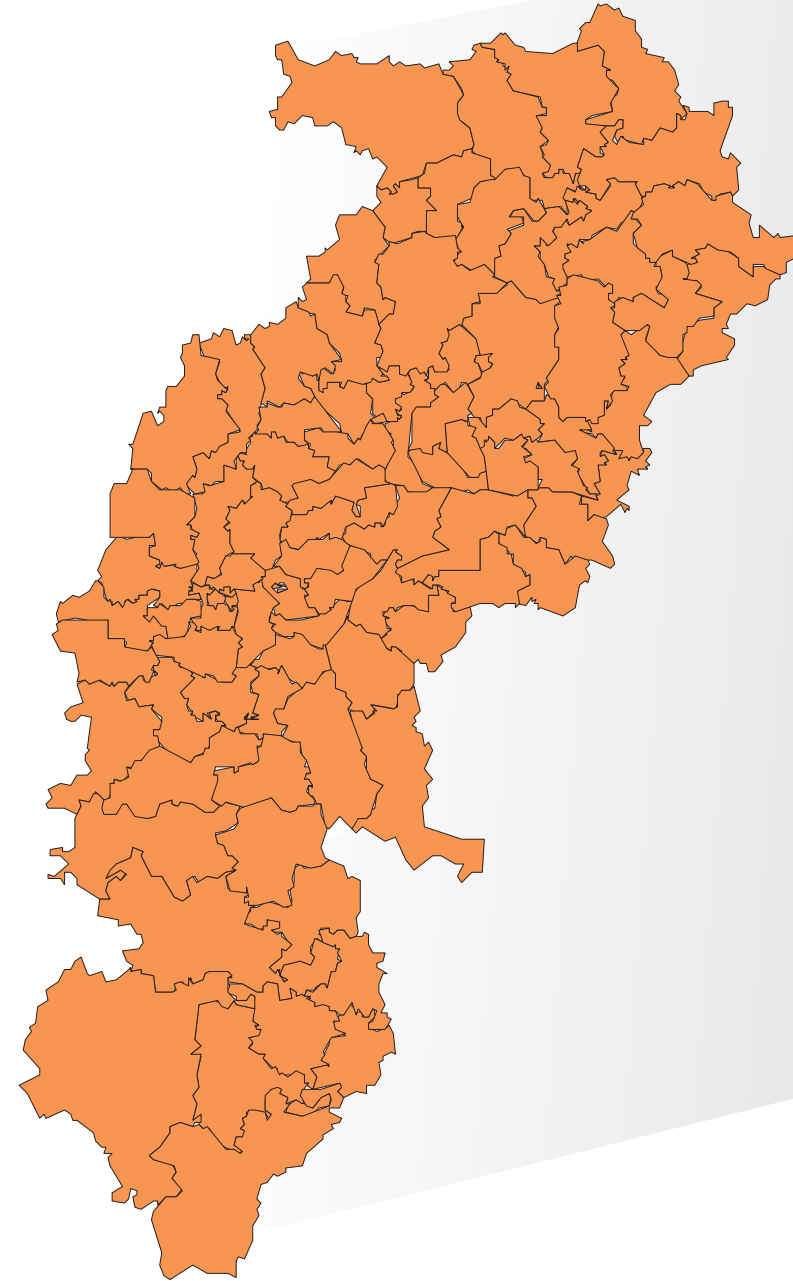CBGA

OpenBudgets India

Objective

Mapping
administrative units
(Rural and Urban Local Bodies)

to

Electoral boundaries
(Assembly Constituencies-ACs
and Parliamentary
Constituencies-PCs).

To bring coherence
between administrative
and electoral boundaries,
with the objective
of facilitating public
engagement with fiscal
governance issues at the
grassroots level.

Rationale

Public availability of granular fiscal information on development schemes can potentially improve implementation and outcomes by increasing engagement between citizens and their elected representatives; the situation in this regard is uneven across Schemes and States.

For effective data representation, both fiscal and outcome information need to be organised by constituencies and made available in the public domain.

However, there is no comprehensive and up-to-date database as yet that maps administrative units into ACs and PCs.

Even in development schemes where granular fiscal data is available publicly, it's organised only by administrative units (e.g. districts, blocks, GPs and ULBs); and not presented by constituencies. This limits effective engagement of elected representatives and citizens.
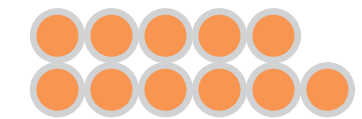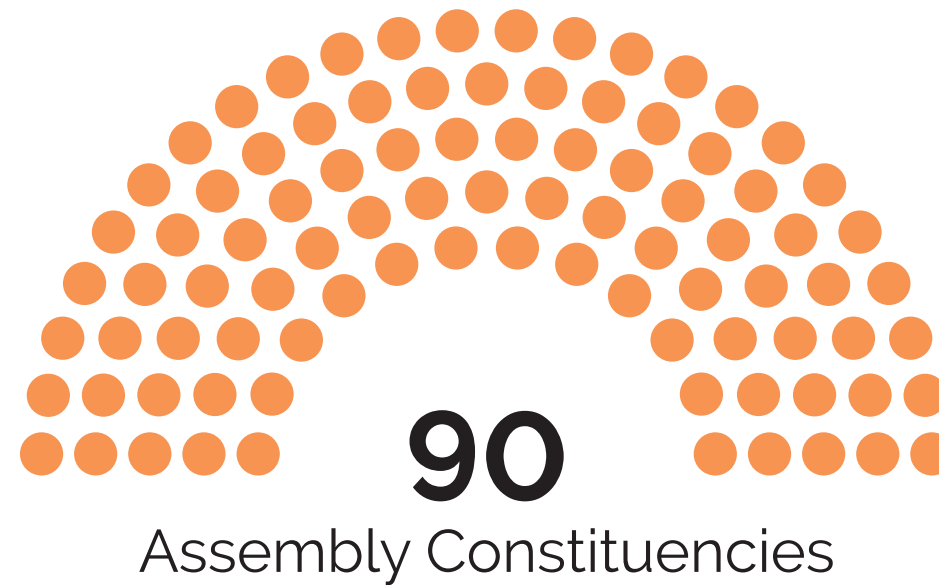
Geographical Profile of Chhattisgarh

Administrative Units

Districts	**28**
Blocks	**146**
Gram Panchayats	**11,736**
Villages	**20,619**
Urban Local Bodies	**170**
Municipal Corporations	**14**
Municipalities	**44**
Town Panchayats	**113**

Electoral Units

90
Assembly Constituencies

11
Parliamentary Constituencies

How We Prepared the Geo-files: Overview

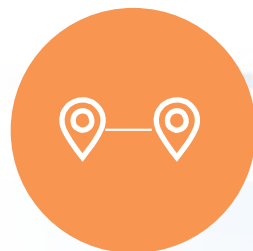**Stage 1: Listing and aligning the administrative units across the constituencies**

1. First Round of Mapping of Administrative Units into ACs and PCs

3. Further Refinement of the Geo-files

2. Updating and Refining the Geo-files

Stage 2: Validation of the Geo-files through multiple sources

4. Validation and Finalisation of the Geo-files

How We Prepared the Geo-files: Rural Local Bodies (RLBs)

Stage I: Listing and aligning administrative units into constituencies

Stage II: Validation of the Geo-lists through multiple sources

STEP 1
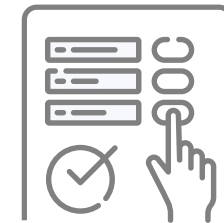Studied Delimitation Commission Report (2008) to understand how ACs and PCs were constructed for Chhattisgarh

STEP 2
Collated information on administrative units (districts, blocks, gram panchayats) falling under ACs and PCs. Listed all administrative units spread across multiple ACs/PCs

STEP 3
Reviewed the website of Local Government Directory (LGD) to list RLBs created after the Delimitation Commission Report 2008, and mapped them to their constituencies

STEP 4
Reviewed the GPDP and SECC websites to list missing RLBs and to remove double entries

STEP 5
Reviewed the website of the Panchayati Raj Department of Chhattigarh to list additional GPs and map them to their constituencies

STEP 6
Cross-validated the listing of RLBs with the latest scheme databases / MISs (e.g. MGNREGS, PMAY-G) by block-wise sorting of GPs

STEP 7
Additional GPs added and mismatched cases realigned to constituencies suitably

STEP 8
Validated the refined listing with the information available on district websites, CEO websites of Chhattisgarh and UDISE+ dataset

How We Prepared the Geo-files: Urban Local Bodies (ULBs)

Stage I: Listing and aligning administrative units into constituencies

STEP 1
Studied the Delimitation Commission Report (2008) to understand and document how ULBs in Chhattisgarh are aligned into ACs and PCs

STEP 2
Reviewed websites of the Housing and Urban Affairs Ministry, Government of India, to identify ULBs created after the Delimitation Commission Report 2008

STEP 3
Reviewed the website of the Urban Livelihood Mission, Government of India, to finalise the listing of ULBs in Chhattisgarh

STEP 4
Reviewed the website of the Department of Urban Development and Administration, Government of Chhattisgarh to prepare a complete list of ULBs across the state's districts

STEP 5
Additional ULBs added from the latest National Social Assistance Programme (NSAP) database for Chhattisgarh to finalise ULB names across districts

Stage II: Cross-checking the information to validate the listing

STEP 6
Cross validated the refined lists with district websites and the website of the Chief Electoral Officer (CEO) of Chhattisgarh

STEP 7
Cross validated with the U-DISE+ database to confirm constituencies for ULBs created post Delimitation Commission

Mapping Administrative Units into ACs and PCs > **Chhattisgarh**

Sources of Information Referred for Listing, Aligning and Validation of the Geo-files

1. Report of the Delimitation of Parliamentary & Assembly Constituencies Order – 2008, available at: https://eci.gov.in/files/file/3931-delimitation-of-parliamentary-assembly-constituencies-order-2008/, based on the Delimitation Commission Act, 2002, available at: https://eci.gov.in/files/file/7317-the-delimitation-act-2002/

2. Local Government Directory (LGD)- Ministry of Panchayati Raj, Government of India: https://lgdirectory.gov.in/

3. Gram Panchayat Development Plan (GPDP), Ministry of Panchayati Raj and Ministry of Rural Development, Government of India: https://gpdp.nic.in/

4. Ministry of Housing and Urban Affairs, Government of India: https://mohua.gov.in/

5. Deendayal Antyodaya Yojana- National Urban Livelihoods Mission (NULM), Ministry of Housing and Urban Affairs, Government of India: https://nulm.gov.in/

6. List of Gram Panchayats, Blocks and Districts compiled from MGNREGS MIS, available at: https://nrega.nic.in/Nregahome/MGNREGA_new/Nrega_home.aspx

7. List of Gram Panchayats, Blocks and Districts compiled from PMAY-G MIS, available at: https://pmayg.nic.in/netiay/PBIDashboard/PMAYGDashboard.aspx

8. Website of Swachh Bharat Mission, Government of India: https://swachhbharatmission.gov.in/sbmcms/index.htm

9. Socio-Economic and Caste Census (SECC)- List of GPs: https://secc.gov.in/homepage.htm

10. Reports from the NSAP scheme website - List of ULBs compiled from the Disbursement Abstract: https://nsap.nic.in/

11. Website of the Chief Election Commission of India: https://eci.gov.in/

12. Website of Department of Panchayat and Rural Development, Government of Chhattisgarh: http://prd.cg.gov.in/

13. Website of Urban Administration & Development, Government of Chhattisgarh: https://uad.cg.gov.in/MainEngSom.aspx

14. State websites of the Chief Electoral Officer (CEO), Chhattisgarh - Constituency Maps and the list of Voting Centers of the last election held https://ceochhattisgarh.nic.in/en/new-maps-assembly-constituency

15. UDISE Plus Database available at: https://udiseplus.gov.in/#/home

16. District Websites of all the Districts of Chhattisgarh

Challenges Faced

Inconsistencies across different sources

There were inconsistencies in the information across different official sources, making it essential to cross validate the information from multiple sources manually.

No data source has complete and up-to-date information on ACs/PCs

While the Delimitation Commission Report provides detailed information on the constituencies, there have been changes in the administrative units in subsequent years (in terms of their numbers, names and categorization). Such changes for the administrative units in Chhattisgarh were identified from the data available across MIS of schemes, programme documents and other sources. This necessitated referring to multiple sources to make the geo-files up-to-date and complete.

Increase in the numbers of local bodies over time

New RLBs and ULBs formed since 2008 had to be included to complete the Geo-file listing. Given that the information in this regard is scattered, it was challenging to compile a complete and accurate Geo-file for Chhattisgarh.

Mismatches of categories overtime

Types of some of the local bodies have changed over time. For example, Panchayats progressing to towns and upgraded as ULBs. Similarly lower levels of ULBs upgraded to higher tiers. Aligning these was a challenge.

Mismatches of names across sources

Names of some of the administrative units have been changed from time to time, and therefore needed to be cross-checked with the latest sources of information. Sometimes, Hindi words written using English alphabets created confusion when referring to multiple sources of information.

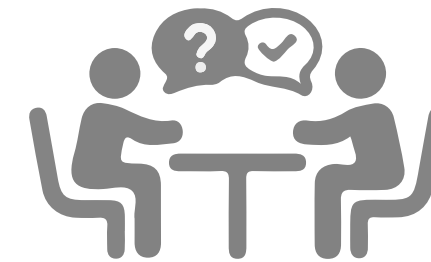# How We Addressed Those Challenges

Cross Validation by referring to multiple official sources

Mismatches in spellings of names, numbers and types of administrative units were addressed by referring to government websites that provided the most updated information for Chhattisgarh. It was assumed that the number/name/spelling that appears similar in more than one government sources is correct and hence appropriate for the listing.

Consultations with the frontline government staff

Cases of local bodies for which constituencies remained unidentified were resolved, with the information obtained from frontline government staff (mostly school teachers and Anganwadi workers) located in those administrative units. We consulted with resource persons/experts in the field to resolve these cases.

Key Takeaways

Developed a rigorous methodology for mapping administrative units in Chhattisgarh into ACs and PCs

Created a comprehensive and up-to-date geo-listing for Chhattisgarh that can be used for a range of policy relevant analysis

Integration of Geo-files into MIS of existing schemes

Such Geo-files should be integrated into the MIS of important schemes that are providing fiscal and physical information in the public domain. Application programming interface (API) integration should be facilitated following the standards of National Data Sharing and Accessibility Policy (NDSAP) guidelines.

THANK YOU

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