

Complete Administrative Boundaries of India Linked to Census Demographics

Description

Geoconcept brings out a complete and comprehensive administrative boundary dataset for India from state to the village and town level with ward (wards are further subdivisions of towns and cities) coverage for some of the major towns/cities linked to census demographics of 2011 and 2001.

Approach

The data has been created through a multi-step, multi-validation approach to ensure completeness and authenticity. As a first step the complete habitated village and town list as published by the census directorate for 2011 was geographically mapped as a point dataset. Validation using latest vintage high resolution satellite imagery for mapping to habitation, 2011 census atlas publications in addition to other authentic government sources on the public domain ensured the identification and rectification of any major discrepancies in the sources used for data creation. The village and town point dataset was then used as inputs to demarcate representative village and town spatial boundaries using rigorous spatial distribution algorithms in our proprietary GIS platform. The boundaries of the villages and towns thus created were verified for coastal and land boundaries as per Survey of India with additional substantiation from high resolution satellite imagery. Ward boundaries for some of the major towns were created with reference to information published by respective municipal corporations and census 2011 publications with alignment to existing manmade and natural features like road networks, rivers and other permanent natural features. These wards were then seamlessly integrated into the village and town boundary dataset.

The final step has been the integration of the census 2011 demographics to the administrative boundary dataset based on the census codes. Additionally the mapping of the census 2001 codes to the census 2011 codes was done from census publications and the same was incorporated in the administrative boundary dataset. Discrepancies with respect to mapping of the census 2001 codes to the census 2011 codes were corroborated and incorporated where necessary with reference to authentic government publication on the declassification of old census 2001 villages and creation of new census 2011 villages.

Coverage

Administrative Levels	Census 2011	Mapped
States	35	35
Districts	640	640
Tehsils	5988	5988
Villages	597483	587981
Towns	8067	8066

(Note: Those Towns which are present in two Tehsils will be considered as two entities)

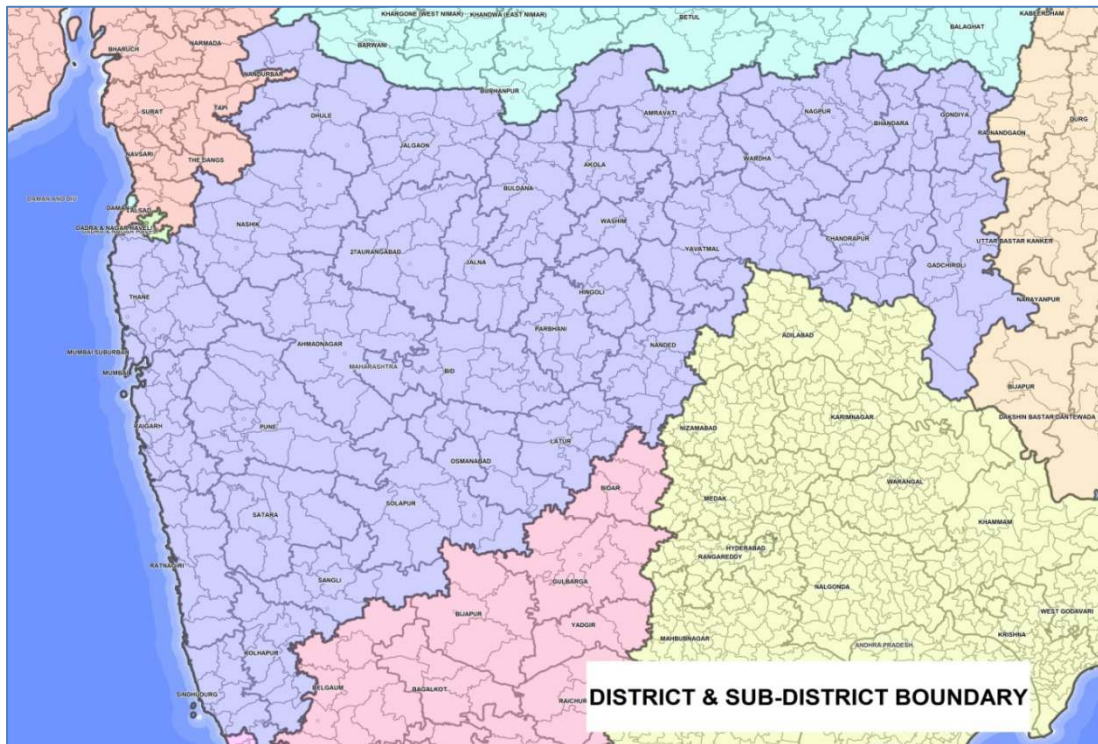
Population Census 2011 : **1210854977**

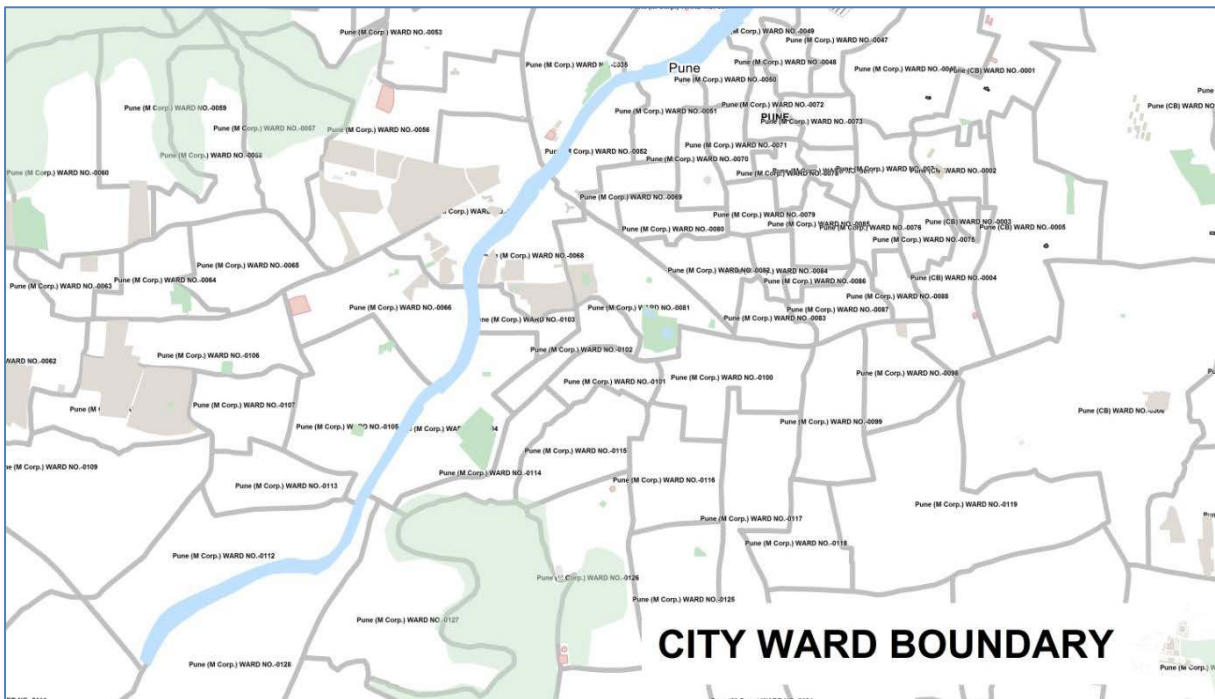
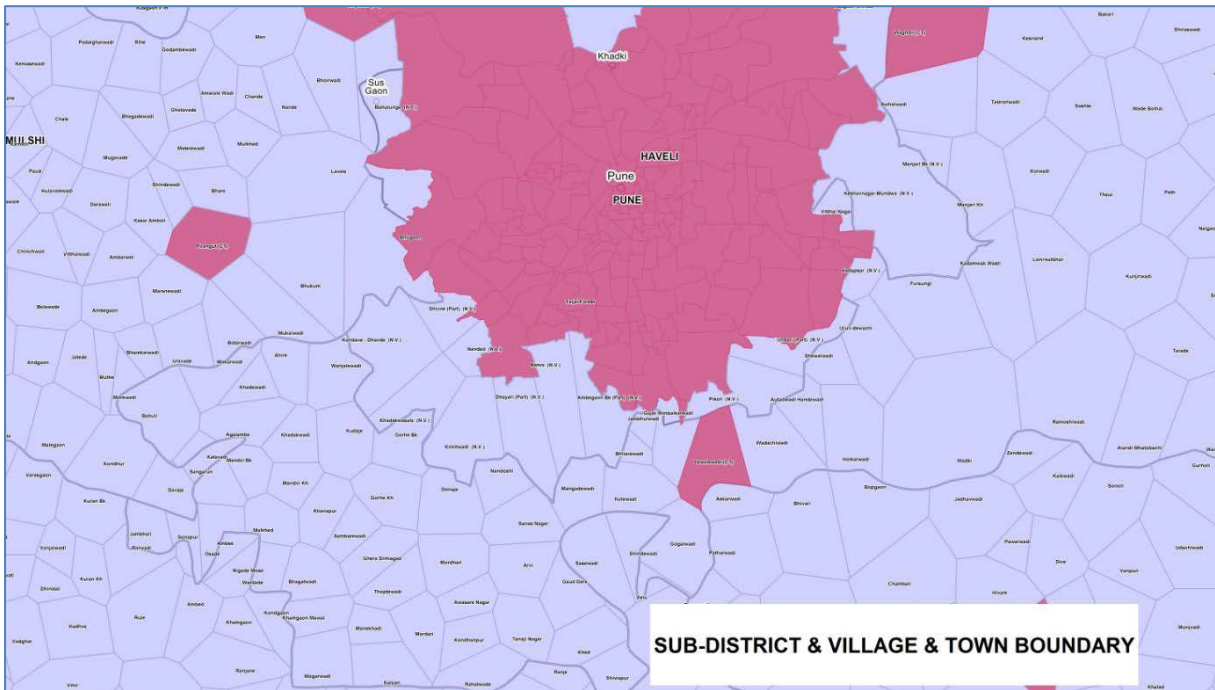
Population mapped : **1205896137**

Percent Population mapped : **99.59%**

For the list of cities for which ward boundaries have been incorporated [click here](#)

Snap Shots of the data coverage:

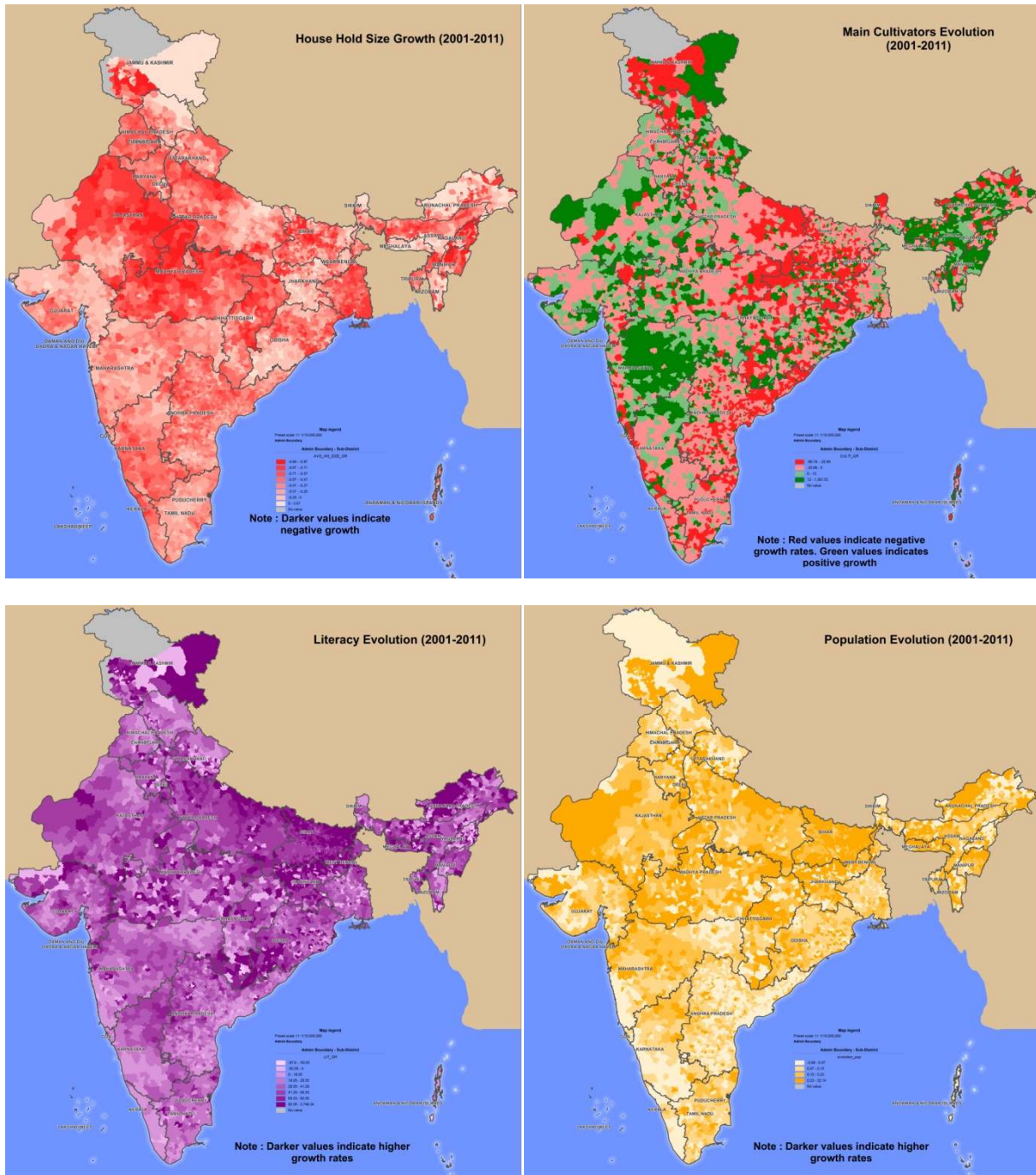




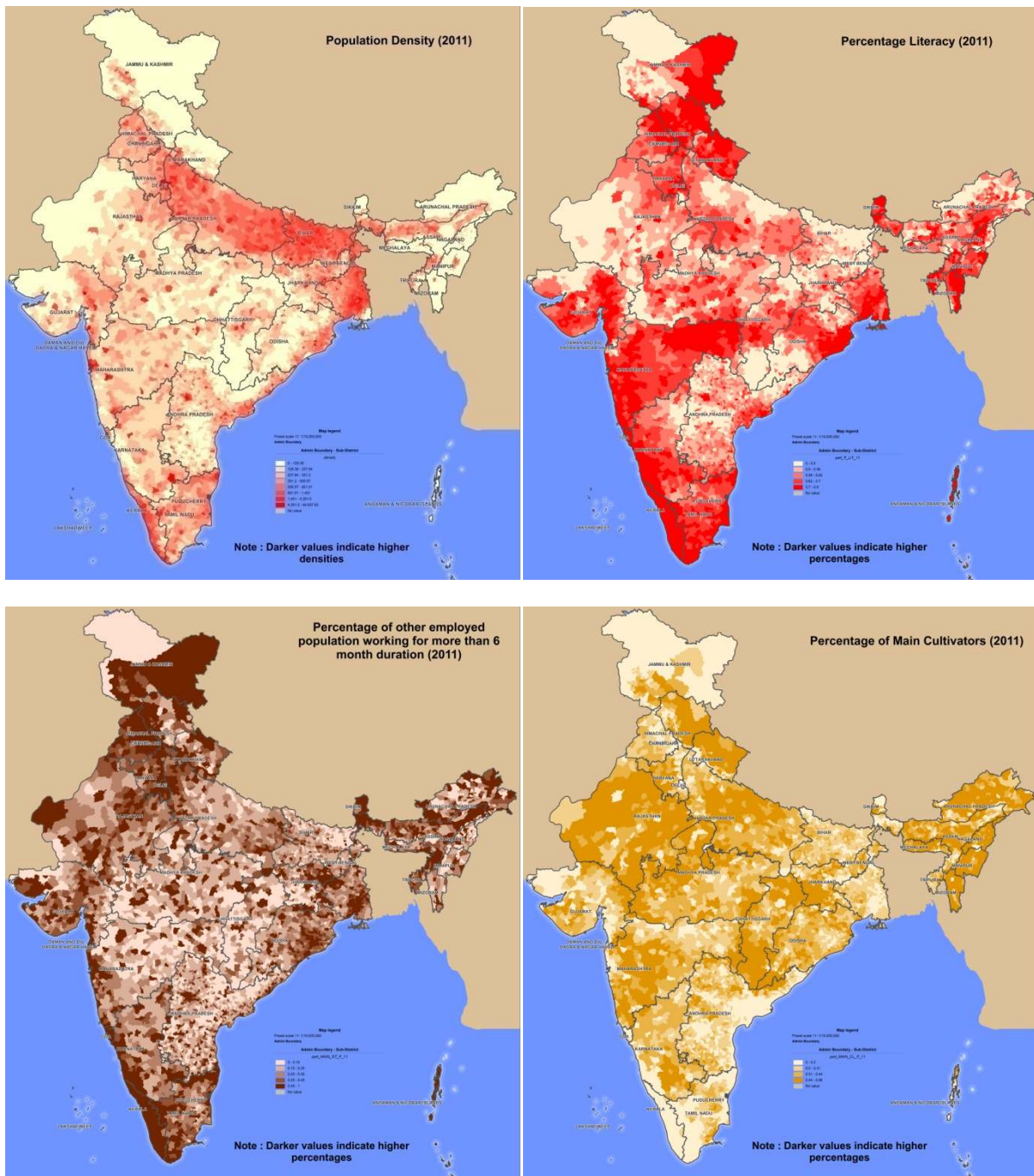
Census 2011 and 2001 Socio-demographic attributes incorporated

For more effective and accurate geo-marketing analysis, Geoconcept provides a complete integration of the census 2001 statistical variables at the unit level. The integration of this data has been carried out through a multi-step, multi-validation approach to ensure completeness and authenticity. This data set enables the user to map out trends of temporal changes in demographic, amenities and assets across regions.

Decadal Growth rates for census demographic indicators across India based on 2001 and 2011 census data



Percentage proportions of census demographic indicators for 2011



Deliverable :

The above administrative boundary data for India is made available as an interactive GIS map.

Additionally the data can also be provided in any industry standard GIS data format.

To know about the list of cities for which wards are available [click here](#)



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More detail information on sales enquiry E-mail us on sales.india@geoconcept.com or
Contact us on **044-43156075**