



ENVIS CENTRE, CHANDIGARH

NewsLetter

P a r y a v a r a n P a t r a

Chandigarh State of Environment

Chandigarh Census 2011

EDITORIAL

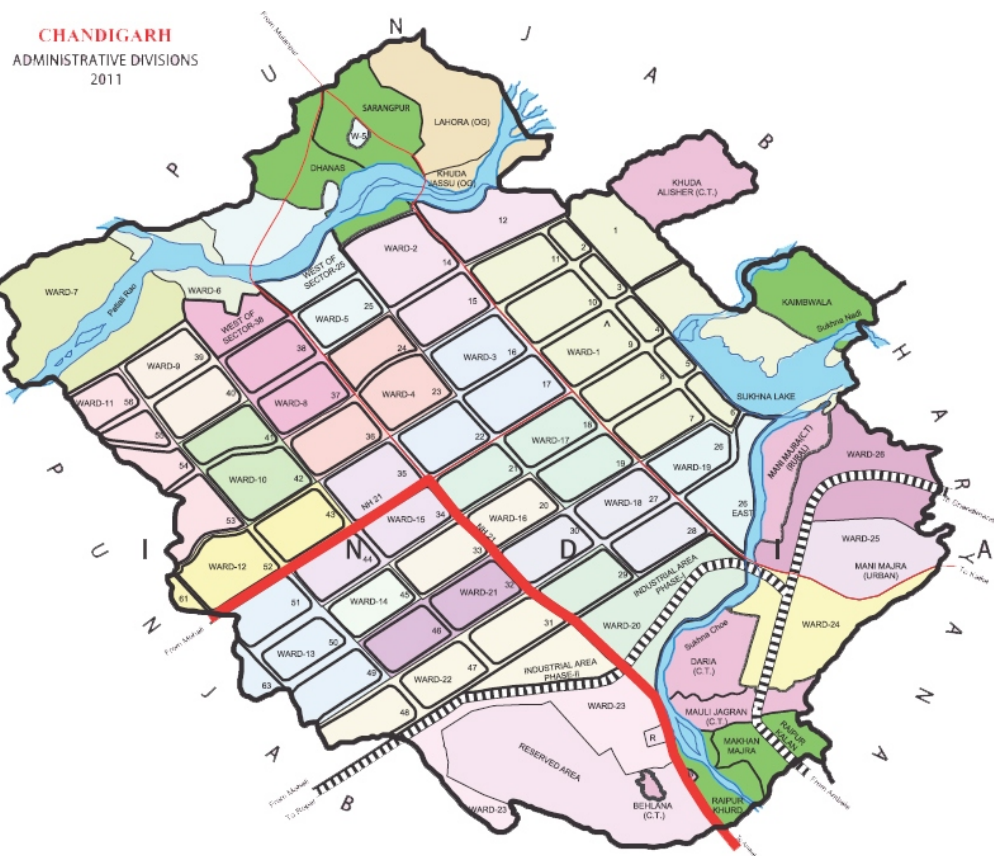
Population Census was conducted in two phases. Phase I - Houselisting Operations was completed during 15th

April to 31st May, 2010. Preparation of National Population Register was an additional feature of first phase.

The Phase II - Population Enumeration was conducted through door-to-door canvassing during 9th to 28th February, 2011 followed by a revisional round from 1st to 5th March, 2011.

Census 2011 has highlighted numerous environment indicator that can be qualitatively and quantitatively analyzed. All the electrical and electronic equipments have their definite life span and at the end of it those become ewaste. Census took into account the assets as well as parameters like literacy and sex ratio. Present newsletter points out some specific dataset and leaves room for analyses by readers.

Director, Environment



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Paryavaran Patra

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ENVIS CENTRE
Department of Environment
Chandigarh

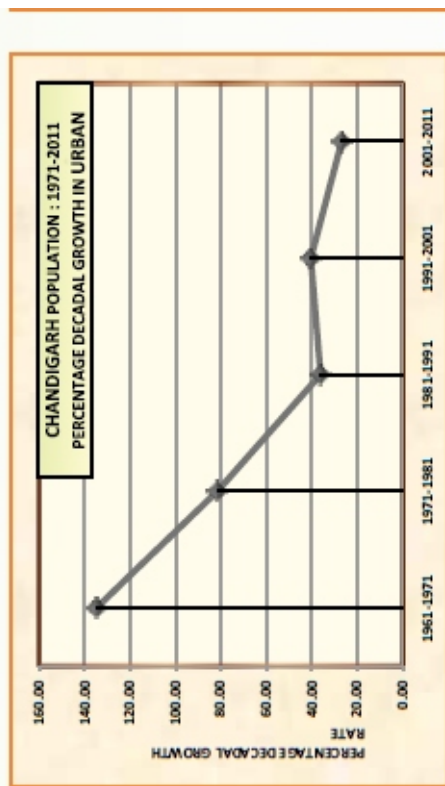
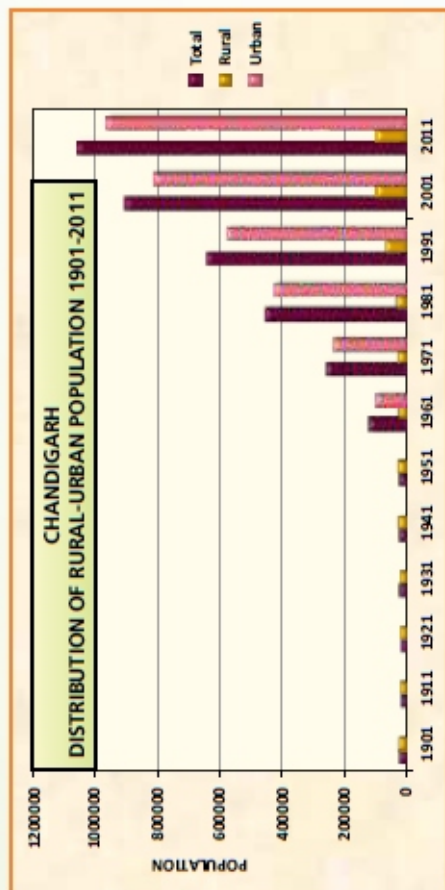
(VOLUME 7.2.0)

Jul 2012 - Sep 2012

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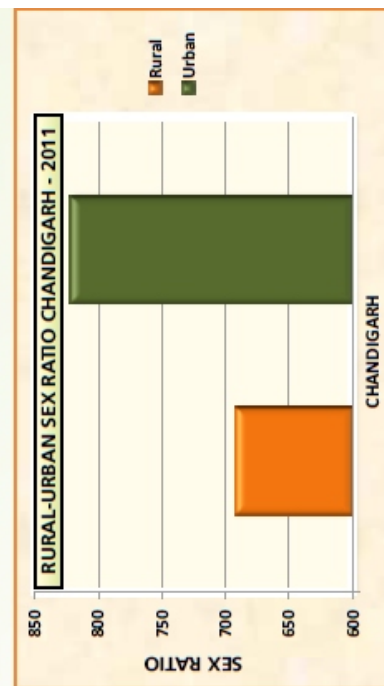
Population Census

Population			Males			Females			Percentage Decadal Growth (Persons) 2001-2011			Percentage Decadal Growth (Males) 2001-2011			Percentage Decadal Growth (Females) 2001-2011		
Total	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1,054,686	29,004	1,025,682	580,282	17,155	563,127	474,404	11,849	462,555	17.10	-68.51	26.86	14.47	-69.81	25.11	20.50	-66.44	29.06



Chandigarh is a uni-district territory and came into existence on 1st November, 1966. It has an area of 114.0 sq. km. The population of Chandigarh U.T. (1,054,686) has crossed one million mark and it is very close to the population of Mizoram State (1,091,014). Next to NCT of Delhi (11,297), Chandigarh (9,252) is the most densely populated. There has been four-fold increase in population density during 1971-2011, from 2,257 to 9,252. Chandigarh has a literacy rate of 86.43 percent and ranks seventh among States/U.T.s. Gender composition reflects natality, mortality and migration character of a given population. Distribution pattern of male and female in a population affects relative roles and economic relationships. Sex ratio of Chandigarh has increased from 777 to 818; an increase of 41 points during 2001 - 2011. Sex ratio of child population in the Age Group 0-6 years has increased from 845 to 867, by 22 points during 2001-2011. Male - Female literacy is quite narrow; 90.54 percent among males and 81.38 percent among females in Chandigarh U.T. Are literate.

Sex Ratio (No. of Females per 1000 Males) 2011			Child Population 0-6 Years (Persons) 2011			Child Population 0-6 Years (Males) 2011		
Total	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban
19	20	21	22	23	24	25	26	27
818	691	821	117,953	4,255	113,698	63,187	2,285	60,902



Wardwise Population, Literates, Sex Ratio and Literacy Rate : 2011

Ward No.	Population			Literates			Sex Ratio	Literacy Rate
	Persons	Males	Females	Persons	Males	Females		
1	2	3	4	5	6	7	8	9
1	23,841	12,449	11,392	20,812	11,055	9,757	915	93.60
2	31,383	16,654	14,729	28,112	15,156	12,956	884	95.60
3	21,160	11,719	9,441	18,400	10,186	8,214	806	93.08
4	25,207	13,043	12,164	21,941	11,643	10,298	933	93.16
5	39,083	21,018	18,065	28,155	16,278	11,877	860	81.77
6	27,658	14,966	12,692	19,579	11,430	8,149	848	81.79
7	28,968	15,623	13,345	20,391	11,882	8,509	854	80.30
8	39,557	20,545	19,012	33,579	17,849	15,730	925	92.91
9	27,558	14,355	13,203	24,203	12,788	11,415	920	95.75
10	38,091	20,776	17,315	32,071	17,970	14,101	833	92.50
11	47,500	26,193	21,307	31,866	19,217	12,649	813	77.00
12	46,908	26,471	20,437	33,440	20,215	13,225	772	81.08
13	56,600	31,054	25,546	39,203	23,159	16,044	823	78.80
14	51,877	30,765	21,112	39,934	24,445	15,489	686	86.54
15	30,930	16,156	14,774	27,432	14,477	12,955	914	96.09
16	26,486	14,082	12,404	23,490	12,768	10,722	881	95.21
17	25,219	13,351	11,868	22,044	11,824	10,220	889	94.23
18	30,934	16,450	14,484	26,639	14,557	12,082	880	93.19
19	33,852	18,616	15,236	22,109	13,262	8,847	818	75.80
20	39,381	22,001	17,380	26,980	16,479	10,501	790	78.65
21	29,625	15,578	14,047	25,822	13,850	11,972	902	94.91
22	29,418	15,282	14,136	25,427	13,288	12,139	925	96.31
23	65,187	37,553	27,634	45,240	28,440	16,800	736	82.79
24	52,083	28,408	23,675	34,612	20,875	13,737	833	77.46
25	45,223	24,318	20,905	36,157	20,090	16,067	860	89.95
26	36,317	19,875	16,442	25,655	15,091	10,564	827	81.50
Special Charge	10,741	7,925	2,816	9,758	7,437	2,321	355	97.79
Total	960,787	525,226	435,561	743,051	425,711	317,340	829	86.74

Drinking Water Sources

Field	Value	Year
Households	235,061 No's	2011
Treated Tap Water	93.7	2011
Untreated Tap Water	3.0	2011
Total Tap Water	96.7	2011
Covered Well	0.1	2011
Uncovered Well	0.0	2011
Total Well	0.1	2011
Handpump	1.8	2011
Tubewell	0.9	2011
Spring	0.0	2011
River Canal	0.0	2011
Tank Pond Lake	0.1	2011
Any Other Source	0.5	2011
Drinking Water Source Within Premises	86.2	2011
Drinking Water Source Near Premises	11.7	2011
Drinking Water Source Away	2.2	2011
Unit	%	Year

Census Data for Cooking Means

Year	Field	Value	
2011	Total No Households	235,061 No's	Drinking water sources' census data concludes that 93.7% of total population receives treated tap water while 86.2 % are having water source within premise. 11.7% have to fetch water from near by and 2.2 % of population have remote access to water. Data on cooking fuel reveals that 71.6 % of households have LPG PNG as source of cooking fuel. 21.9 % of population still uses kerosene oil for cooking that is grey area as kerosene is not recommended source as cooking fuel.
2011	Excluding Institutional		
2011	Firewood	4.6	
2011	Crop Residue	0.3	
2011	Cowdung Cake	0.2	
2011	Coal Lignite Charcoal	0.1	
2011	Kerosene	21.9	
2011	LPG PNG	71.6	
2011	Electricity	0.0	
2011	Biogas	0.1	
2011	Any Other	0.1	
2011	No Cooking	1.1	
2011	Unit	%	

The occupancy rate of house in Chandigarh is 93.30%. Only 6.70% house are vacant. In Chandigarh UT, there are 809,653 literates as per Census 2011 resulting in an overall literacy rate of 86.43 percent. This is well above the MDG (Millennium Development Goals) set by the United Nations and the Chandigarh UT is heading towards universal literacy.

Census Houses

Total :	298,367
Occupied :	93.30%
Vacant :	6.70%

Bathing Facilities

ज ज-9: स्नानगृह की सुविधा और गन्दे पानी के निकास की प्रणाली के प्रकार की उपलब्धता के अनुसार परिवार

HH-9: HOUSEHOLDS BY AVAILABILITY OF BATHING FACILITY AND TYPE OF DRAINAGE CONNECTIVITY FOR WASTE WATER OUTLET

योग ग्रामीण नगरीय	परिवारों की कुल संख्या/ Total number of households	परिवारों की संख्या जिनके परिसर में स्नानगृह की सुविधा है/ Number of households having bathing facility within the premises			गन्दे पानी की निकासी की प्रणाली किससे जुड़ी है/ Waste water outlet connected to		
		हाँ/Yes	नहीं/No		ठही नाली से/ Closed drainage	खुली नाली से/ Open drainage	किसी भी नाली से नहीं/ No drainage
			स्नानगृह/ Bathroom	छत बिहीन स्नानगृह/ Enclosure without roof			
1	2	3	4	5	6	7	8
संघ राज्यक्षेत्र - चण्डीगढ़ 04/UNION TERRITORY - CHANDIGARH 04							
योग	2,35,061	2,03,593	7,208	24,260	2,05,061	20,486	9,514
ग्रामीण	6,785	5,776	211	798	5,671	724	390
नगरीय	2,28,276	1,97,817	6,997	23,462	1,99,390	19,762	9,124

Cooking Facilities

ज ज-10: पृथक रसोईघर की उपलब्धता और खाना पकाने के लिए प्रयुक्त ईंधन के प्रकार के अनुसार परिवार

HH-10: HOUSEHOLDS BY AVAILABILITY OF SEPARATE KITCHEN AND TYPE OF FUEL USED FOR COOKING

पृथक रसोईघर की उपलब्धता	परिवारों की कुल संख्या/ Total number of households	खाना पकाने के लिए प्रयुक्त ईंधन के प्रकार/Type of Fuel used for Cooking										Availability of separate kitchen
		अनाऊ लकड़ी/ Fire-wood	फसल का अवशेष/ Crop residue	उपला/ Cowdung	पक्का कोयला/ निगाहट/ Kerosene	मिट्टी का तेल/ एल.पी.जी./ LPG/PNG	विजली/ Electricity	गैबर गैस/ Biogas	अन्य कोई/ Any other	खाना नहीं पकाने/ No cooking		
1	2	3	4	5	6	7	8	9	10	11	12	1
संघ राज्यक्षेत्र - चण्डीगढ़ 04/UNION TERRITORY - CHANDIGARH 04												
योग/Total												
कुल	2,35,061	10,915	612	480	184	51,507	1,68,344	65	147	263	2,544	Total
मकान के अन्दर खाना पकता है	2,26,263	8,321	587	428	155	48,661	1,67,645	63	145	258	0	Cooking inside house
रसोईघर है	1,72,096	3,792	469	218	66	16,289	1,51,015	32	120	95	0	Has Kitchen
रसोईघर नहीं है	54,167	4,529	118	210	89	32,372	16,630	31	25	163	0	Does not have kitchen
मकान के बाहर खाना पकता है	6,254	2,594	25	52	29	2,846	699	2	2	5	0	Cooking outside house
रसोईघर है	987	389	6	13	0	263	313	1	0	2	0	Has Kitchen
रसोईघर नहीं है	5,267	2,205	19	39	29	2,583	386	1	2	3	0	Does not have kitchen
खाना नहीं पकाने	2,544	0	0	0	0	0	0	0	0	0	2,544	No Cooking

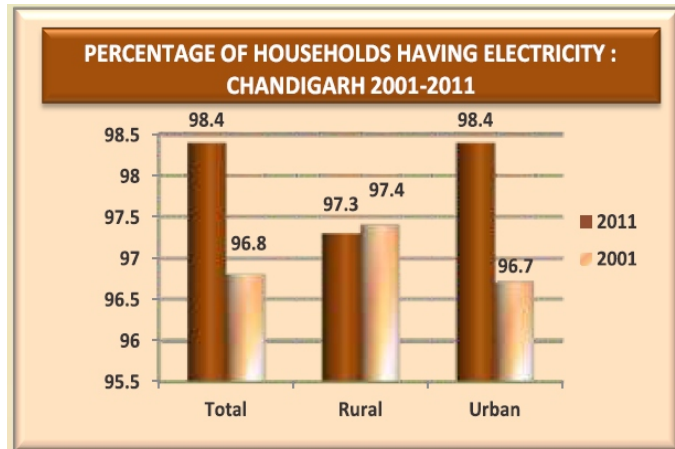
Infrastructure

H-1: CENSUS HOUSES AND THE USES TO WHICH THEY ARE PUT

ज-1: जनगणना मकान और वे किस उपयोग में आते हैं

योग	जनगणना मकानों की कुल संख्या/ Total number of census houses	खाली जनगणना मकानों की कुल संख्या/ Total number of vacant census houses	धारित जनगणना मकानों की कुल संख्या/ Total number of occupied census houses	धारित जनगणना मकानों के उपयोग/Occupied Census Houses used as												ताला बन्द धारित जनगणना मकानों की संख्या/ No. of occupied locked census houses
				आवास/ Residence	आवास-सह-अन्य उपयोग/ Residence- cum-other use	दुकान/ कार्यालय/ Shop/Office	स्कूल/ कॉलेज आदि/ School/ College etc.	होटल/ लॉज/रेस्ट हाउस आदि/ Hotel/ Lodge/ Guest house etc.	हॉस्पिटल/ डिस्पेंसरी आदि/ Hospital/ Dispensary etc.	वर्क-शेड आदि/ Factory/ Workshop/ Workshed etc.	पूजा स्थल/ Place of worship	अन्य गैर- आवासीय उपयोग/ Other non- residential use				
1	2	3	4	5	6	7	8	9	10	11	12	13	14			
संघ राज्यक्षेत्र - चण्डीगढ़ 04/JUNION TERRITORY - CHANDIGARH 04																
योग	2,98,367	19,878	2,78,489	2,30,461	4,202	24,232	695	506	366	2,766	450	13,380	1,431			
ग्रामीण	8,911	565	8,346	6,589	165	728	25	11	11	47	44	680	46			
नगरीय	2,89,456	19,313	2,70,143	2,23,872	4,037	23,504	670	495	355	2,719	406	12,700	1,385			

संघ राज्यक्षेत्र - चण्डीगढ़ 04/UNION TERRITORY - CHANDIGARH 04



Modes of Communication : 2001-2011

Total/ Rural/ Urban	Percentage of Households having									
	Total Households		Radio / Transistor		Television		Telephone		None of the Specified Mode of Communication	
	2011	2001	2011	2001	2011	2001	2011	2001	2011	2001
1	2	3	4	5	6	7	8	9	10	11
Total	235,061	201,878	28.1	53.3	82.5	73.9	89.2	32.1	4.9	18.0
Rural	6,785	21,302	16.5	44.1	71.6	58.7	88.3	7.9	5.6	24.9
Urban	228,276	180,576	28.4	54.4	82.8	75.7	89.3	34.9	4.9	17.2

Modes of Transportation

Total/ Rural/ Urban	Percentage of Household Having									
	Total Households		Bicycle		Scooter / Motorcycle /Moped		Car/Jee/Van		None of the Specified Mode of Transportation	
	2011	2001	2011	2001	2011	2001	2011	2001	2011	2001
1	2	3	4	5	6	7	8	9	10	11
Total	235,061	201,878	57.5	68.3	46.7	43.2	25.7	15.4	15.4	14.4
Rural	6,785	21,302	60.9	77.9	34.5	21.5	7.6	1.8	21.4	15.9
Urban	228,276	180,576	57.4	67.2	47.0	45.8	26.3	17.0	15.2	14.2

Important environment indicators like mode of transportation, electrical and electronic asset, electricity connections, various types of institutional infrastructure, bathing facilities, and cooking facilities have been quantified by census data 2011. The data indicates the decreasing trend in use of bi-cycle and increasing use of four wheelers, assets are rising and so is rising the number of electricity connections.



Dear Information Seeker,

ENVIS CENTRE, Chandigarh furnishes you with the services to collect and disseminate information related to environment of Chandigarh. To share information with us you are requested to fill up the form given below.

Your feedback is valuable to us and will be highly appreciated



- Name _____
- Designation _____
- Department _____
- Address _____
_____ City _____
- State _____ Country _____ Pin _____
- Phone _____ Fax _____
- Email _____

Your views on scope of improvement :

- Interest Area _____

I would like to have information on following :



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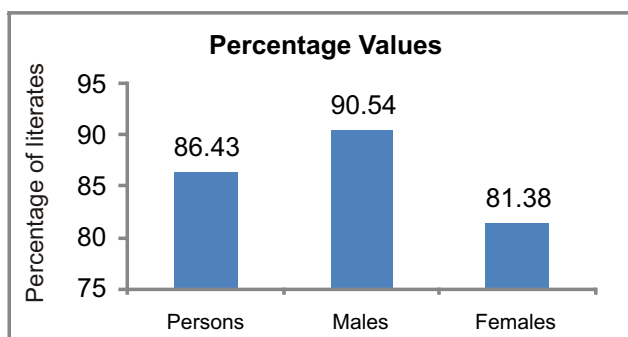
Density of Population

"Density of Population" is defined as the number of persons per square kilometer. It is an important indicator of population concentration in an area. As per the provisional population totals of Census 2011, the population density of Chandigarh UT has gone up to 9,252. Data shows density of population of Chandigarh UT for the years 1971-2011. There has been four - fold increase in population density during this period. Chandigarh UT had a density of 2,257 persons per square kilometer in 1971 which increased to 3,961 in 1981 and further to 5,632 in 1991. During this decade the density of population has increased from 7,900 in 2001 to 9,252 signifying that 1,352 more people inhabit every square kilometer as compared to a decade ago.

Years	Density per. Sq. km.
1971	2,257
1981	3,961
1991	5,632
2001	7,900
2011	9,252

Male -Female Gap in Literacy Rate

As per the provisional totals of Census 2011, nine out of every ten males (90.54%) and eight out of every ten females (81.38%) in Chandigarh are literate. At the Census 1971 three-fourths (75.74%) males and two-thirds of females (63.15%) females were literate showing a gap of 12.5 percentage points. There is a marked improvement in the literacy rate and female literacy in particular and reduction in the gap between the literacy rate of males and females. At the 1971 Census, 63.2 percent females and 75.7 percent males were literate. According to provisional results of Census 2011, 90.54 percent among males and 81.38 percent among females are literates and the gap between the two has reduced to 9.16 percentage points.



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