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Urban Panorama 🛮 🗘 🔻 July - December 2008 🗎 🗘 Vol. VII 🗎 🗘 No. 2 TRENDS IN THE GROWTH OF URBANIZATION IN INDIA:

- D. Pulla Rao*

Almost half of the world population lives in urban areas and the cities are growing rapidly, both the size and numbers. The trend is especially stronger in developing world, where in the rate of rural to urban migration is high as people flock to cities in search of employment and higher standard of living.

phenomenal growth during post-independence years because of pressure of growing population, rapid industrialization, rural to urban migration and the growing tempo of modernization. As a result new towns are coming up, already existing commercial and industrial towns are expanding to accommodate the continuing influx of rural population.

According to the Census 2001, out of total population of 1027 million about 285 million live in whan areas, thus nearly twenty-eight out of every one hundred persons in India live in urban areas. Growth of urban population in India during the past decade indicates higher growth for metro cities. However, development of basic infrastructure services like water supply, sanitation facilities, solid waste management and transportation could not keep pace with the growth of urban population. Inadequate supply of serviced land within affordable reach of economically weaker sections has resulted in unprecedented growth of urban slum population at 9 per-cent per year. Presently, there is neither national urban development policy nor as a corollary a state urban development policy. There is no balance in the distribution of economic activities. There is excessive concentration of economic activities, mainly industries, in a few urban centres particularly in large cities. This increase in urban population has resulted into over crowding. India being the developing country, has to face these problems particularly because,

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1. Introduction

The population of a nation proportion of total population of a nation area. Urbanization refers to the population of a nation area. Urbanization is an included or growth and e-orionitic progress. It is a natural consequence of economic prowint and e-orionitic progress. It is a natural consequence of economic prowint and election to economic prowint and leads to social equality. Urbanization is the result of more avenues of industrial resultation but it is not matched by a commensurate degree of energy and transportation. The most distinctive feature of the twentieth century has been the rapid and massive urbanization taking place every when the world as a consequence of process of modernization. Migration from ural areas into towns is not peculiar to developing countries atone, but it is a worldwide phenomenon. In the 21st Century, the rate of urbanization is a phenomenon, which is pain and and parcel of economic or phenomenon. The feetings of urbanization is a phenomenon, which is pain and parcel of economic.

Arup Mira, (1993): "Salus of Basic Services In Indian Cities" in Bidyut Mohnty (Ed.), Urbanization in a universal place ocurries, Landschot of the context of development process, urbanization is the context of development process, urbanization is the context of development process, urbanization is and regional linkages. This diffusion process and the provision from ural areas into towns is not peculiar to developing countries alone, but is a world the provision from the provision of infrastructure of the trapid and parcel of economic.

The process of urbanization is an universal process, urbanization is a universal process. Urbanization is universal process. Urbanizati

Arup Mitra, (1993): "Satus of Basic Services in Indian Cities" in Bidyut Mohnty (Ed.), Urbanization in Developing Countries, Institute of Social Sciences, New Delhi.

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Developing Countries

The regions of the developing world differ markedly in the degree of urbanization achieved over the years. At one end, nearly three-quarters of the population of Latin America and the Caribbean live in urban areas, just about the same level of urbanization as in developed countries. At the other end, two-thirds of more of the population remain rural in China, India, Indonesia and sub-Saharam Africa (Table - 1).

Africa has been the most

Africa has been the most rapidly urbanizing region during the past four decades. With the notable exception of China, where urban growth has accelerated even while population growth has declined, elsewhere, however,

Country / Region	Arnual Population Growth Rates (per cent)		Urban population (per cert of total population)		Urban population Annual Growth Pates (per cent)	
	1960-62	1992- 2000	1960	1992	1960-62	1992-
China	1.9	1.0	19	28	3.1	38
India	2.2	1.8	18	26	3.4	3.0
Indonesia	21	1.5	15	33	4.7	4.3
Arab States	26	29	30	50	4.5	35
Sub-Saharan Africa	2.8	29	15	30	5.0	45
Latin America and the Caribbean	2.4	1.8	50	73	3.6	2.4
Developing Counties	23	1.8	22	36	3.8	32
World	1.9	1.5	34	44	2.7	26

Arvindaer S. Sachidev, (2002): "Urbanization in India; Past trends and future Projections", The Asian Journal, Vol.9. No. 1. February pp 26-38.

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Table-2 shows the degree of urbanization in world, regions, continents and top ten most populous countries in the world. The two measures of degree of urbanization included are the urbanization included are the per cent urban population and urban-rural ratio. While in the more developed countries about three quarters of people live in urban areas, in the least developed countries only around a countries only around a quarter of the population live in urban areas. Among the continents, the lowest proportion of urban population is found in Asia rural ratio, in the more being around sixty, which is

population is found in Asia rural ratio, in the more being around sixty, which is being only thirty-seven developed region of the world with recompared with Europe, urbanized and Bangladesh is population lives in urban areas. Propulation with a round developed countries, only eighty-one per cent and twenty-five per cent of population living in urban reas respectively. When measured in terms of urban- and Asia are almost equal area in various countries, it is

rural ratios for the year 2000 as estimated by the United	Table -2 : Degree of Urbanization (World, Regions, Continents and selected countries 2000)					
Nations for various regions,	SI. No.	Region / Continent / Country	Percent urban population	Urban-rural ration		
continionite and ten most	1.	World	47	89		
populour countries of the World.	2.	More developed region	76	317		
vvoria.	3.	Less developed region	39.9	66		
Table-2 shows the	4.	Least developed countries	26	35		
degree of urbanization in	5.	Africa	37.9	61		
world, regions, continents and	6.	Asia	36.7	58		
	7.	Europe	74.8	297		
top ten most populous	8.	South America	79.8	395		
countries in the world. The	9.	Northern America	77.2	339		
two measures of degree of	10.	China	32.1	47		
urbanization included are the	11.	India	27.8	39		
per cent urban population and	12.	USA	77.2	339		
urban-rural ratio. While in the	13.	Indonesia	40.9	69		
more developed countries	14.	Brazil	81.3	435		
about three quarters of people	15.	Pakistan	37	59		
ive in urban areas, in the least	16.	Russian Federation	77.7	348		
developed countries only	17.	Bangladesh	24.5	32		
	18.	Japan	78.6	367		
around a quarter of the	19.	Nigeria	44	79		

Source: World Urbanization Prospects – The 1999 Revision – United Nations Note: For India the data relates to Census 2001

Ashish Bose, (1980): India's Urbanization 1901-2001, Institute for Economic Growth, New Delhi.

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The growth of urbanization during preindependence period was slow. Urbanization in India

clear that the degree of industrialization, rural to urban increased in the postclear that the degree of incusinalization, rural to uncan unbanization in India is among the lowest in the world.

4. Urbanization in Preand Post Independent India

The acceptable of expended to the company of the province accommodate the continuing influx of the rural population. Thus, the census figure of 10.84 per cent of Indian urban

principles of democracy and a welfare state and emphasizing upon the development.

slow has grow indep of p	. Urbai shown wth co	e years bec	India 10.8 Ienal pop Iost- a m ause per Wing of u apid Ind	84 per cen ulation in arked inc cent in 20 rban loca ia has	ensus figure t of Indian un 1901 had shorease to 27 01. Significant government considerant stration in In	tban own 7.78 varie unce In the	s over time le earlier p ury, in 1901	urbanization and space part of 20th , the level of s only 10.84
	Consus year	Total Population (In million)	Urban population (in million)	Number of towns	Urban population as % age of total population (%)	Population per Town (000)	Decimal growth rate of urban population (%)	Annual exponential growth Rate
	1901	238.0	25.85	1827	10.64	14	_	_
- [1911	252.09	25.94	1815	10.29	14	0.35	0.03
	1921	252.32	28.09	1949	11.18	14	8.27	0.79
	1931	278.98	33.46	2072	11.99	16	19.12	1.75
	1941	318.66	44.15	2250	13.66	20	31.97	2.77
	1951	361.09	62.44	2843	17.29	22	41.42	3.47
	1961	439.24	78.93	2355	17.97	34	28.41	2.34
	1971	548.16	109.11	2590	19.91	42	38.23	3.21
	1981	683.33	159.46	3378	23.34	47	48.14	3.83
[1991	844.32	217.18	3368	25.72	58	38.19	3.09
- 1	2001	1027.02	285.35	5161	27.78	65	31.39	2.71

Hans Nagpaul, (1996): Modernization and Urbanization in India- Problems and Issues, Rawat

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planned economic development, the level was 17.29 per cent with 62.45 million urban populations. The 2001 population census has recorded 285.35 million urban population which accounts for 27.78 per cent of 1027 million total population, distributed over 5161 urban agglomerations/ towns.

During the post-independence period, India independence period, India has urbanized at fast rate up to 1981 while during 1981-1991 and 1991-2001 decades, the rate has slowed down. In 1991 and 2001, even though the extent of urbanization is low at 25.72 per cent and 27.78 per cent respectively, the magnitude of urban population of 217.18 million and 285.35 million respectively is very high. the magnitude of urban The trends in urbanization population of 2/1.18 million show that while the urban and 285.35 million population increased more respectively is very high. than eleven folds between While the percentage of 1901 and 2001, the number population living in urban areas has increased from approximately trebled. The 10.84 in 1901 to 27.78 in annual growth rate of urban 2001, the increase in the population during 1981-1991

The decadal growth rate of urban population at the all-India level increased steadily over the period from 1951 to 1981. As perTable -3, it raised form 26.41 per cent during 1951-1961 to 38.23 per cent during 1961-1971 and 46.14 per cent over the decade 1971-1981. The decade 1981-1991 witnessed a decline in the growth rate of urban population (36.19 per cent). The decade 1981-2002 also witnessed a decline in the growth rate of urban population (31.19 per cent). The decade 1981-2002 also witnessed a decline in the growth rate of urban population (31.19 per cent). during 1961-1971 and 46.14

Urbanization in India has been relatively slow compared to many developing countries. The trends in urbanization

percent with only 25.85 million absolute growth from 25.85 was 3.03 per cent, as against people in 1827 towns. In million to 285.35 million 3.83 per cent during 1971-1951, at the starting point of utring this period is about 1981 and 3.21 percent during planned economic eleventh-and-a-haff times. 1981-1971. The annual rate 1961-1971. The annual rate of growth of urban population has declined from 3.09 percent (during 1981-1991) to 2.71 per cent (during 1991-2001).

- a. The country's urban
- total number of towns during 1951-61.
- There is a steady rise in the total number of towns

Planning Commission, (1983): Task Forces on Housing and Urban Development, Vol.1, Government of India, New Delhi,

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Table	- 4 : Population		ation, rural po India 1901-20		nd degree of	increase registered was
Census Year		Population			ree of nization	significantly higher being eleven per hundred. It is
	Total	Urban	Rural	Percent urban	Urban- rural ratio	therefore, clear that levels o
1901	238,396,327	25,851,873	212,544,454	10.8	12	urbanization which were lov
1911	252,093,390	25,941,633	226,151,757	10.3	12	at the beginning of the
1921	921 251,321,213 2	28,086,167	223.235,046	11.2	13	twentieth century did not alte
1931 278,977,238	33,455,989	245,521,249	12.0	14	significantly even at the daw	
1941	318,660,580	44,153,297	274,507,283	13.9	16	of the twenty first century
1951	361,088,090	62,443,934	298,644,156	17.3	21	
1961	439,234,771	78,936,603	360,298,168	18.0	22	One should not be misled by
1971	548,159,652	109,113,977	439,045,675	19.9	25	the fact that in 2001, the size
1981	683,329,097	159,462,547	523,866,550	23.3	30	of the urban population is a
1991	846,387,888	217,551,812	628,836,076	25.7	35	little over ten times than it was
2001	1,027,015,247	285,354,954	741,660,293	27.8	39	in 1901, whereas the
Source:	Census of India	for various y	rears			corresponding increase in the

- Source: Crease of his for various years

 Note: 1 Total population and uthen population of his for the year 2001

 modules estimated population of those areas of digurar and H-mochal

 Paddesh where cerease could not be conducted due to natural

 adamentes during the approtection print.

 The folial population and uthen population of histo for the year 1991

 Cerease could not be conducted at Jamess and Astalmer where 1997

 Cerease could not be conducted and uthen the year 1991

 includes integration and uthen population of histo for the year 1991

 includes integrated opposition of Assam where 1991 Torrison of the Conduction of the Conductio

urbanization measured in severteen per hundred during the time span of a century, population and urban-rurlar lard, because years for lidia starting from 1901.

Table- 4 that the number of persons living in urban areas for every hundred population of revery hundred population of the country increased from both event of the country increased from between 1901 and 2001. While during the first of the country increased from between 1901 and 2001. Increased by six perhundred, urban regulation will come to live in increased by six perhundred, urban regulation will come to live in urban areas. Obviously, this registering an increase of during the second half, the

Planning Commission, Annual Report 2001-2002, Government of India

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Table -5 : Urban Population and Level of Urbanization

States	Population	(Number)		Level o	f Urbanizat	ion (%)
	1991	1998	2001	1991	1998	2001
Andhra Pradesh	17887126	19680821	20503597	26.89	27.02	27.07
Arunachal Pradesh	110628	180528	222688	12.80	17.74	20.41
Ass am	2487795	3089097	3389413	11.10	12.21	12.72
Bihar	11353012	13581551	14665897	13.14	13.29	13.36
Goa	479752	605402	668869	41.01	46.96	49.77
Gujarat	14246061	17362877	18899377	34.49	36.47	37.35
Haryana	4054744	5405349	6114139	24.63	27.61	29.00
Himachal Pradesh	449196	546804	594881	8.69	9.44	9.79
Jammu & Kashmir	1839400	2283525	2505309	23.83	24.56	24.88
Karnataka	13907788	16607781	17919858	30.92	33.03	33.98
Kerala	7680294	8086524	8267135	26.39	26.09	25.96
Madhva Pradesh	15338837	18981162	20277919	23.18	24.86	24.98
Maharashtra	30541586	37545895	41019734	38.69	41.25	42.40
Manipur	505645	550154	570410	27.52	24.92	23.88
Meghalaya	330047	411700	452612	18.60	19.31	19.62
Mizoram	317946	399798	441040	46.09	48.45	49.49
Nagaland	208223	301194	352821	17.21	17.58	17.74
Orissa	4234983	5082832	5496318	13.37	14.47	14.97
Punjab	5993225	7492944	8245566	29.55	32.56	33.95
Rajasthan	10067113	12173027	13205444	22.88	23.23	23.38
Sikkim	37006	51905	60005	9, 10	10.46	11.10
Tamil Nadu	19077592	24480449	27241553	34.15	40.69	43.86
Tripura	421721	503408	543094	15.29	16.48	17.02
Uttar Pradesh	17605915	33684103	36682874	12.65	20.66	21.02
West Bengal Union Territories	18707601	21278964	22486481	27.48	27.86	28.03
Andaman and Nicobar Island	74810	101994	116407	26.80	30.8	32.67
Chandigarh	574646	729974	808796	89.68	89.75	89.77
Dadra and Nagar Haveli	11720	32562	50456	8.47	16.98	22.89
Daman and Diu	47538	54190	57319	46.86	39.16	36.26
Delhi	8427083	11303661	12819761	89.93	92.08	93.0
Lakshadweep	29089	27573	26948	56.28	47.73	44.47
Pondicherry	516934	605679	648233	64.05	65.80	66.56
Total	207565056	259367803	285354954	24.57	26.76	27.78

Prabir, C. Bhattacharya, (2002): "Urbanization in Developing Countries", Economic and Political Weekly, October 12, 2002.

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implications on the manner in which cities are governed in the country. In the year 1991, while there were only 23 metropolitan cities (having more than 1 million population), today, there are as many as 35 in this category. Similarly, the total category. Similarly, the total number of urban areas in the country was around 4000 in the year 1991 and the number has risen to over 5000 by the year 2001. Table - 5 shows the urban population in various states of India an

cent) and Gujarat (37.4 per cent). The proportion of urban population is the lowest in Sihar with 10.5 per cent, Collowed by Assam (12.7 per cent). Understandably, the hill State of Himachal Pradesh is the least urbanized state (9.8 per cent) among all charges and Union Territories as per Census 2001 (Table-6).

Table - 6 : Urbanization Level of States States: Urbanization Level 2001

states of India and the level	Highly Urbanized	Percentage
of urbanization.	Delhi	93.0
or orour meation.	More Urbanized	
7. Level of Urbanization	Andhra Pradesh	27.1
by States	Goa	49.8
by States	Gujarat	37.8
Among the States and	Haryana	29.0
Union Territories, the National	Kamataka	34.0
	Maharashtra	42.4
Capital Territory of Delhi is the	Mizoram	49.5
most urbanized with 93.0 per	Punjab	34.0
cent urban population	Tamil Nadu	43.9
followed by the Union	West Bengal	28.0
Territories of Chandigarh (89.8	Less Urbanized	
	Nagaland	17.7
per cent) and Pondicherry	Orissa	15.0
(66.6 per cent). Among the	Sikkim	11.1
major States, Tamil Nadu is	Tripura	17.0
the most urbanized state with	Assam	12.7
	Bhar	10.5
43.9 per cent of the population	Himachal Pradesh	9.8
living in urban areas followed	Al India	27.8
by Maharashtra (42.4 per	Source: The State of the Indian City	y 2001, and Census of India 2001

Ummareddy Venkateswarlu, (1988): Urbanization in India -Problems and Prospects, New Age International Publishers, New Delhi.

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A. Migration

The most important factor The most important factor that affects urbanization is nural-urban migration. Bogue and Zachariah remarked of rural-urban migration by for the major component of urbanization and as the chief mechanism by which all the world's great urbanization trends have been accomplished.

(a) Industrialization: Migrants from rural areas migrate to urban areas in search of employment in industrial centres of urban Besides areas. Besides industries, urban areas possess some significant things e.g. transport centres, administrative offices, advanced educational health services. Big cities in India keep on evolving and suffering from population explosion from rural areas.

(b) Employment: Most of the studies have established that people with higher educational attainments on the rural areas tend to

migrate to the city in research of better job opportunities. As unemployment grows in cosmopolitan cities men with educational qualifications migrate to other areas. Hence, among the urban migrants the uneducated labourers for outnumber those with educational qualifications became the uneducated labourers early get employment as labourers.

(c) Marriage: The number of females who migrate to the urban areas because of marriage is nearly 40-50 per cent of the total female migrants. So, the marital status also plays an important role in migration to urban areas.

of Business: People migrate to urban areas in search of high business in order to make huse money and wealth for themselves. For example, most of the Marvaries of rural Rajasthan have migrated to cosmopolitan cities

like Mumbai, Hyderabad purpose.

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(e) Sequential Migration: Some people migrate to urban areas because the head of the family or the main worker moves to the urban areas due to promotion or in search of employment.

(f) Means of Transportation:

If the place is situated on the sea-coast, it also turns into a big city or town due to industrialization. Industrialization implies enhancement of import and export and it is done by ships. If the coastal town has good harbour facilities, traffic through it facilities, traffic through it is bound to increase. The greater the traffic through harbour, greater is the increase in population and also greater would be the turnover of handling of goods. All these things help in the rapid development of cities.

United Nations. (1995): World Urbanization Prospects. Population Division, New York.

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(g)	Educational Ce	entres: If a				
	University, High Court, or					
	medical college	e is set up				
	anywhere, there is great					
	influx of population to that					
	area. With this	influx of				
	population, ma	ny shops				
	markets,	hotels				
	restaurants,	clubs				
	cinema theatre	s etc. are				
	established and in this					
	way the foundation of city					
	is laid down.					

B. The rate of natural

Even the natural growth rate in urban areas is lower than that of in the rural areas; industrializations and change in the life in cities. it is also an affecting factor in the growth of urbanization.

Hence, in short, it may be said that wherever there is industrialization, location of government office, good climate or scenic beauty, educational and cultural institutions, such places would be developed into cities.

9. Consequences of

Due to influx of population to cities, which is mainly due to industrialization

and progress in trade and commerce, development in transportation and and communication and also due to various other reasons sizeable managerial cadre is required. In developing nations of the world, one or the other new industrial unit is set up almost daily. This increase in urban population has resulted into overcrowding. Many other grave problems have also cropped up and by more problems are problems. and progress in trade and up and by more problems are springing up. They are all the consequences

(a) Housing Problem: Due to increasing urbanization, providing houses to all the people have become a serious problem. Rents are high in the urban areas and even middle class families live in slums.

(b) Slums: Another serious consequence of urbanization is the mushroom growth slums in cities and towns. City attracts migrants from

surrounding rural and the city. These slums are above of poverty and

the areas migrate to urban areas in pressure on land on account of growing population. These people are unskilled and without any adequate source of heavy existing unemployed people in the city.

(d) Social Problems: The co-existence of rich life and dirty slums in all medium and major cities of India has led to a sort discontentment among the urban poor. Poverty unemployment and lack of access to amenities have led to their involvement into the anti-social activities.

United Nations, (2001): World Urbanization Prospects (The 1999 revision), Population Division,

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(e) Environmental Pollution: industrialization, rural to Urban industrialization urban migration and the lead to the pollution of water, air, noise and land.

There is tof congestion and unheality conditions due to slums. Water opposition to the solution of the solution

and unhealthy conditions due to slums. Water pollution leads to the outbreak of epidemics.

10. Conclusions and

indicator of modernization and it is the sign of economic growth and progress.
Urbanization is the result of avenues industrialization, but it is not matched by a commensurate degree of energy and transportation. The overall population growth in developing countries in 1960s 1970s was almost double of England during the first industrial revolution. Urbanization in India has shown its phenomenal growth urban slum population at 9 during post-independence years because of pressure of growing population, rapid development policy nor as a

and unhealthy conditions due to silums. Water pollution leads to the outbreak of epidemics. High traffic on roads in unban areas leads to lot of noise and air pollution.

Conclusions and Urbanization is an Urbanization is an Urbanization is an unban areas. population in India during the past decade indicates higher growth for metro cities However, development of basic infrastructure services like water supply, sanitation like water supply, sanitation facilities, solid waste management and transportation could not keep pace with the growth of urban population. Inadequate supply of serviced land within affordable reach of economically weaker affordable reach of economically weaker sections has resulted in the unprecedented growth of

centres particularly in large cities. In developing nations ottles. In developing nations of the world, one or the other new industrial unit is set up almost daily. This increase in urban population has resulted into over-crowding. India being the developing louter, has to face these country, has to face these problems particularly because, of urbanization. The needed for better urbanization.

- To streamline the process of urbanization, which is recognized as a barometer of progress, should be adopted and accordingly other new and vibrant growth centres are to be developed all
- Urban development should be viewed as an integral part of the total

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3. Newurban areas will have to be planned and developed in adequate number to accommodate such a growth of urban population and to provide them basic infrastructural services.

4. There is a need to increase the supply affordable housing to the conomically weaker sections through a proper sections through a proper programmer of allocation of land, extension of funding assistance, and sections through a proper sections through a proper services.

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