

REGIONALLY DIFFERENTIATED GROWTH IN WORKFORCE & INTER-STATE MIGRATION

Amitabh Kundu

Distinguished Fellow

Research and Information System for Developing
countries, New Delhi

Foundation Courses for officers of Indian Forest
Service, Indian Police Service & Trainee Civil Services

Management Development Centre

Dr. MCR HRD Institute

The 22nd April 2020

Changing Demographic Scenario of india: 2011-50

	Populati on (%)	Worker s (%)	Primar y (%)	Migrants (%)	Int state M to All M (%)
2011	1211	470 (39)	282 (60)	456 (37)	56 (12.3)
2020	1390	560 (40)	325 (58)	583 (42)	73 (12.5)
2050	1640	690 (42)	390 (56)	820 (50)	106 (13.0)
2050 E	1640	690 (42)	330 (48)	902 (55)	135 (15)

Macro Statistics for India

Labourforce participation Rate (LFPR) = (Total workers + Unemployed)/Population= 50 per cent (in 15-65 age group)

Workforce participation Rate (WFPR) = (Total workers)/Population= 48 per cent (in 15-65 age group)

Both will increase over time due to demographic dividend

Share of primary workers declined from 72% to 60% during 1960-2011 its share in income came down from 65% to 25 %

Pressure on primary sector; low labor productivity, decline in rural consumption expenditure

Migration was low about 30 percent since Independence till 2001. Sharp increase during 2001-11. Eco Survey'17 estimates massive increase in interstate migration (9 million a year).

With high disparity in pop and labourforce growth, interstate migration rate could increase

**Figure - 1 Percentage of population by broad age-groups :
India 2001-2026**

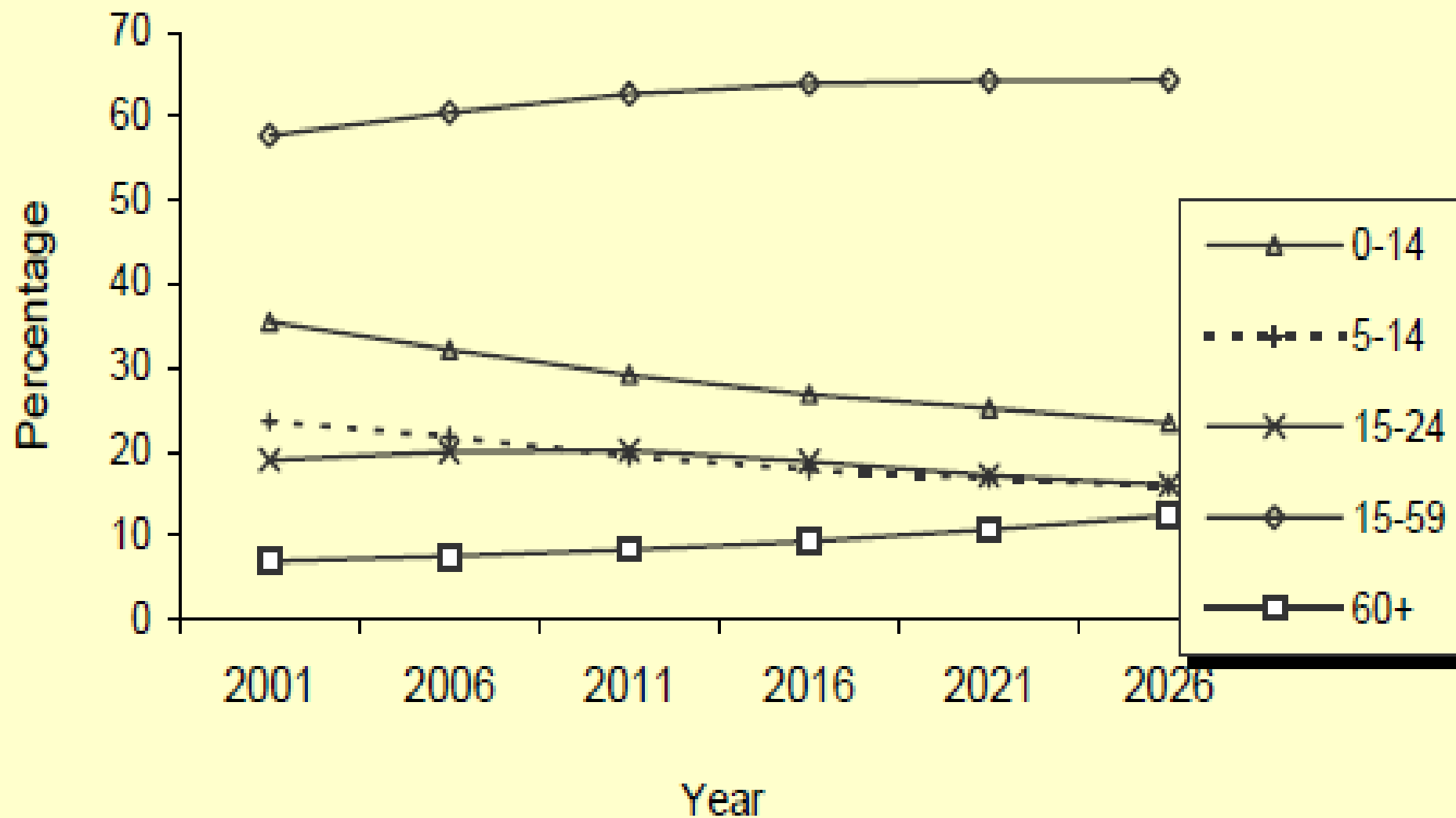
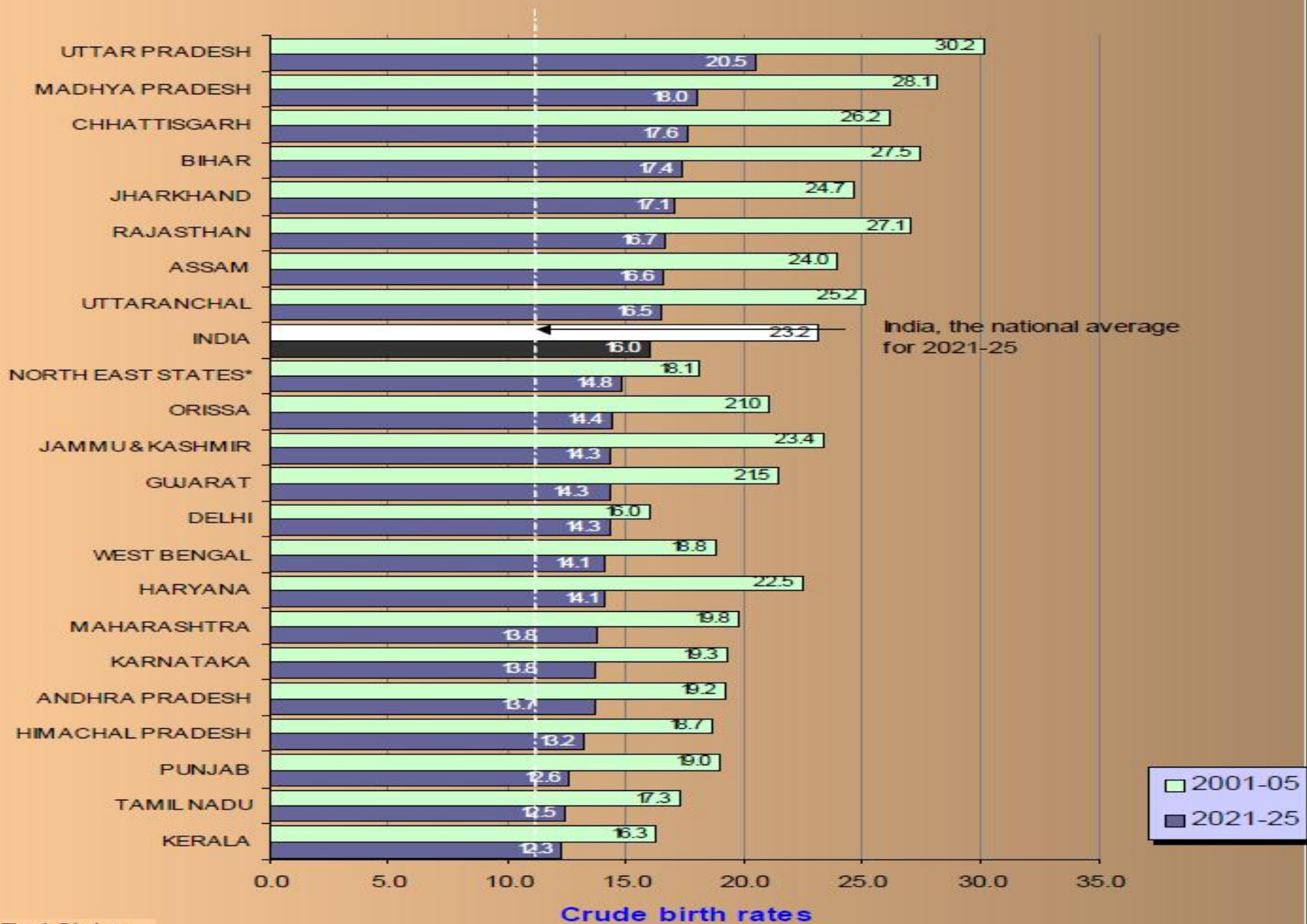
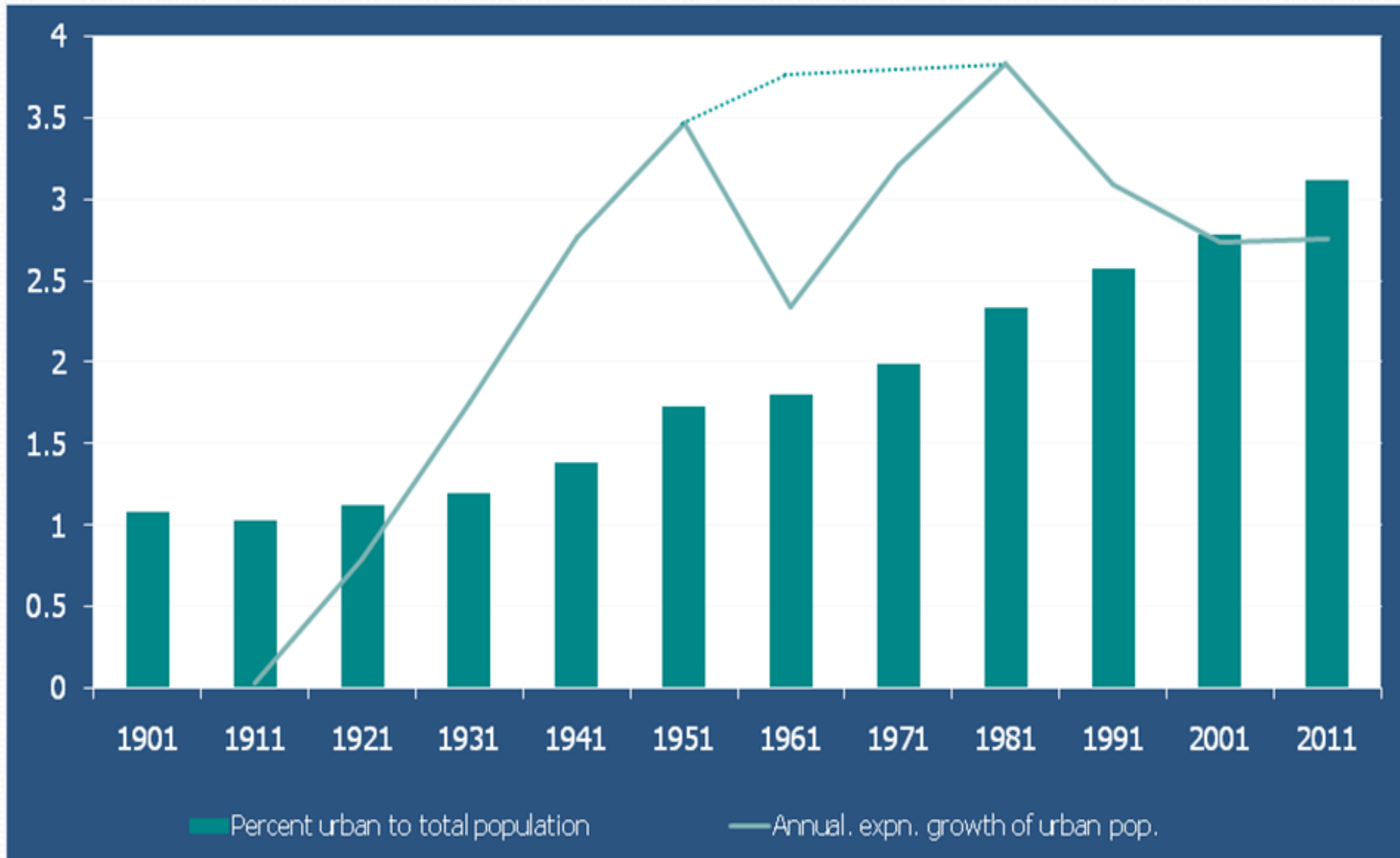


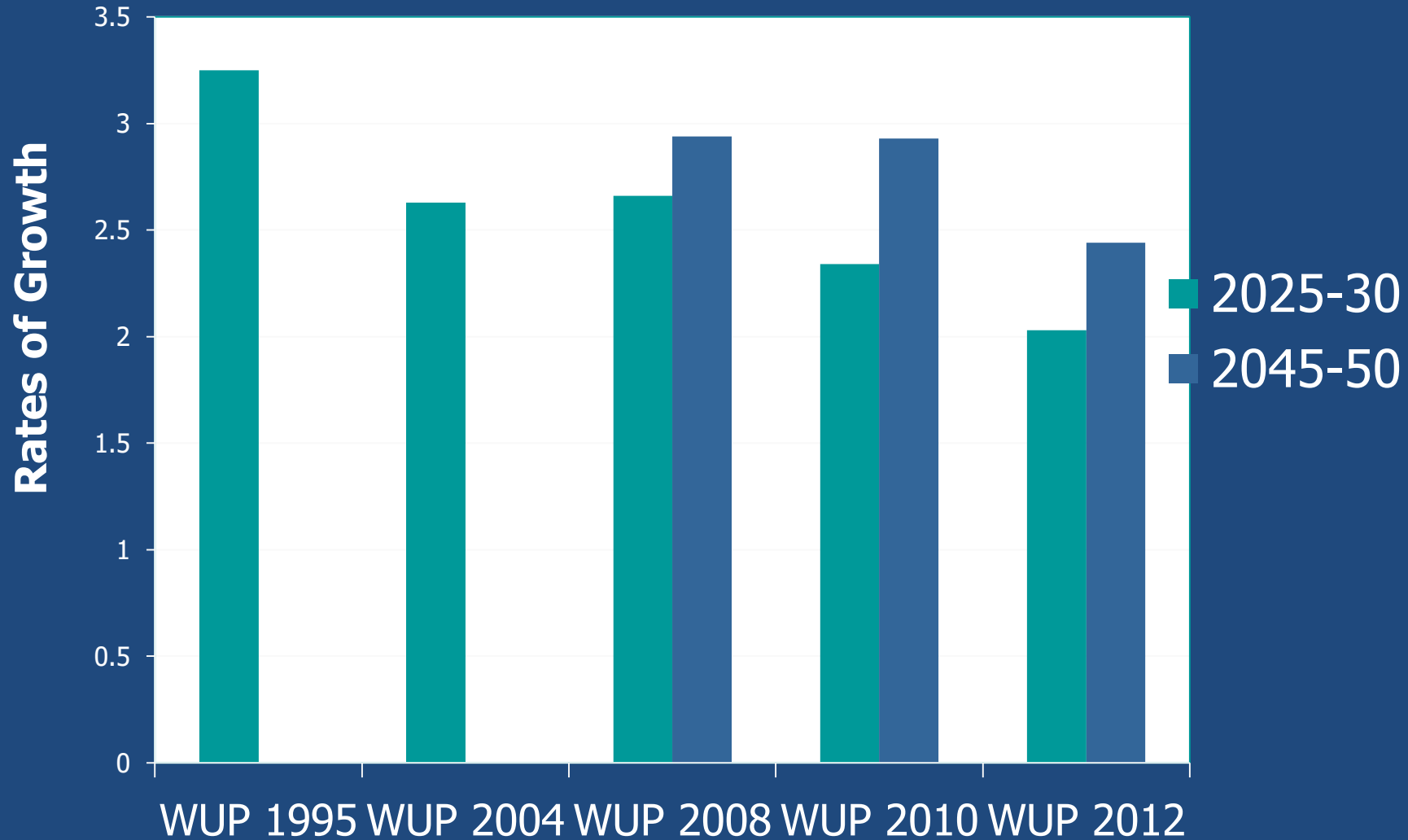
Figure-8 : Projected crude birth rates during 2001 - 2025, India and selected States



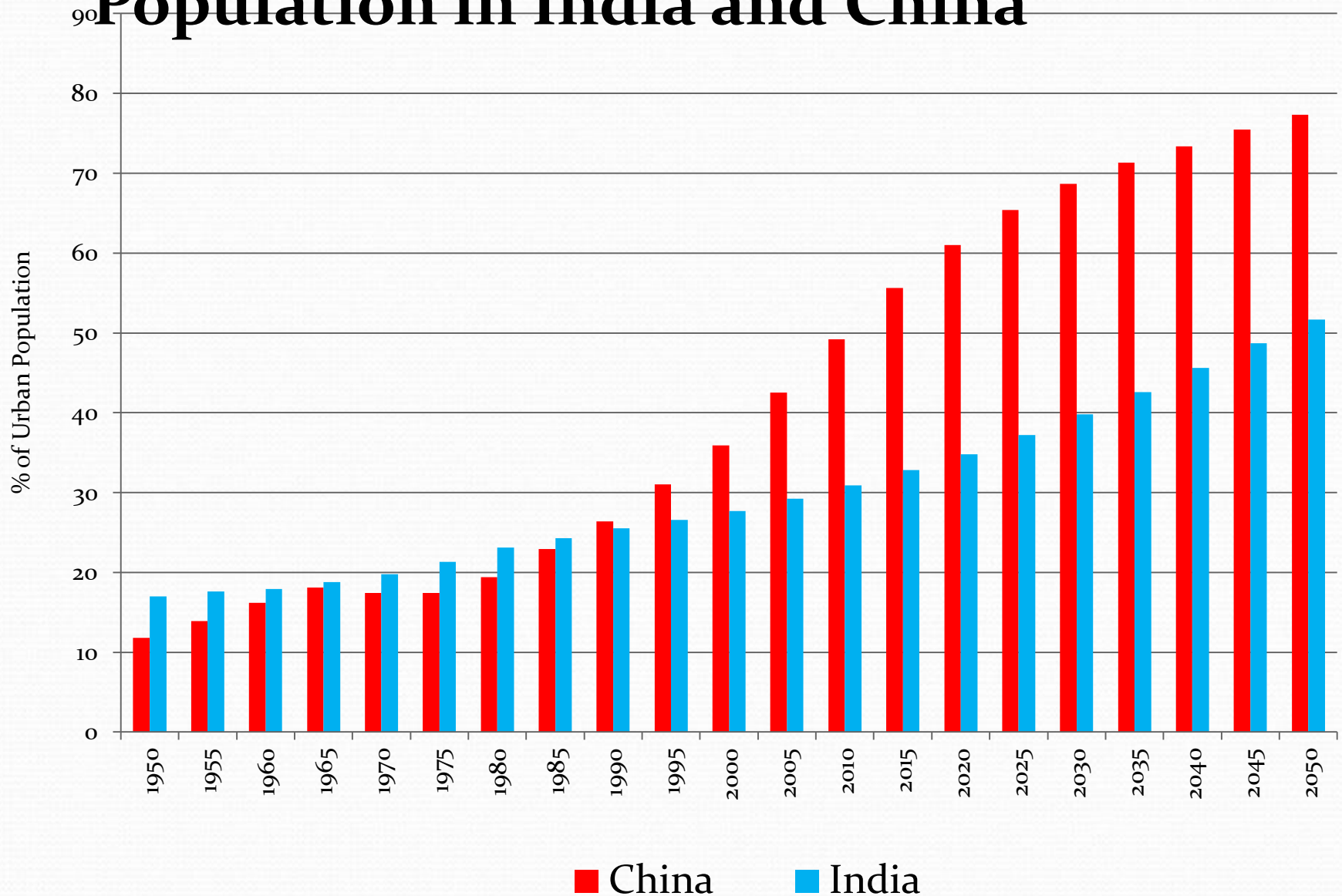
Per cent Urban Population and Urban Growth Rates 1901-11



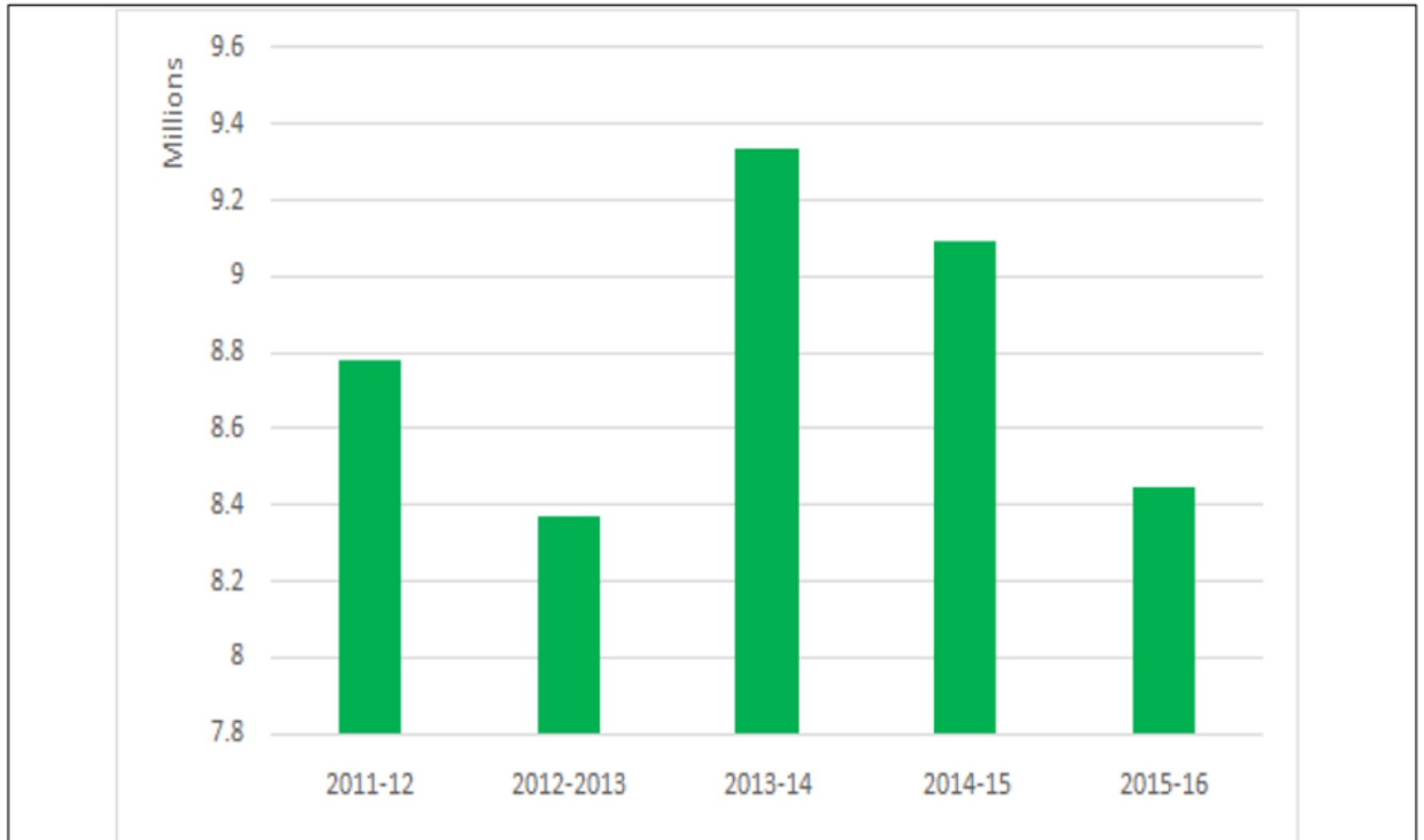
Growth Rates of Urban Population in India as Projected in World Urbanisation Prospects (WUP)



Trend in the Percentage of Urban Population in India and China



Total Net Inter-State Migration for India (Economic Survey 2017)



Percentage of migrants (POLR) in the population as per decennial censuses

Source: Compiled from Census tables on Migration.

Include estimated figures of J&K an Assam where applicable

	Census years				
	1971	1981	1991	2001	2011
Total	29.1	30.3	27.4	30.1	37.5
Male	17.5	17.2	14.7	17.0	22.6
Female	41.7	44.3	41.2	44.6	53.2

Table 1d: Number of Migrants (in millions) and Growth Rates as per Population Censuses

	Census years				
			2001	2011	
Total			314.5	455.6	
Increase			82	139	
Decadal Growth			35.5%	44.2%	
Annual Increase			0.8	1.4	

Net migrants to urban areas from rural areas during previous 10 years

years	Migrants for all reasons			Migrants for employment reasons		
	Persons	Males	Females	Persons	Males	Females
1991	10681310	5648861	5032449	2889204	2596430	292774
2001	14328728	7726493	6602235	4905941	4524863	381078
2011	20702215	10322400	10379815	6441381	5742309	699072
	Percentage change over previous census					
2001	34.15	36.78	31.19	69.80	74.27	30.16
2011	44.48	33.60	57.22	31.30	26.91	83.45

Decomposition of Total Incremental Urban Population into Components

	Percentage Distribution	
	1991-01	2001- 2011
Total increase (in millions)	67.7	90.2
(a) Natural increase on base year pop and on inter-censal migrants	59.4	48.4
(b) Population of new towns less declassified towns	6.2	31.8
(c) Net RU migration	21.1	15.5
(d) Increase due to expansion in U Area and merging of towns	13.0	4.3

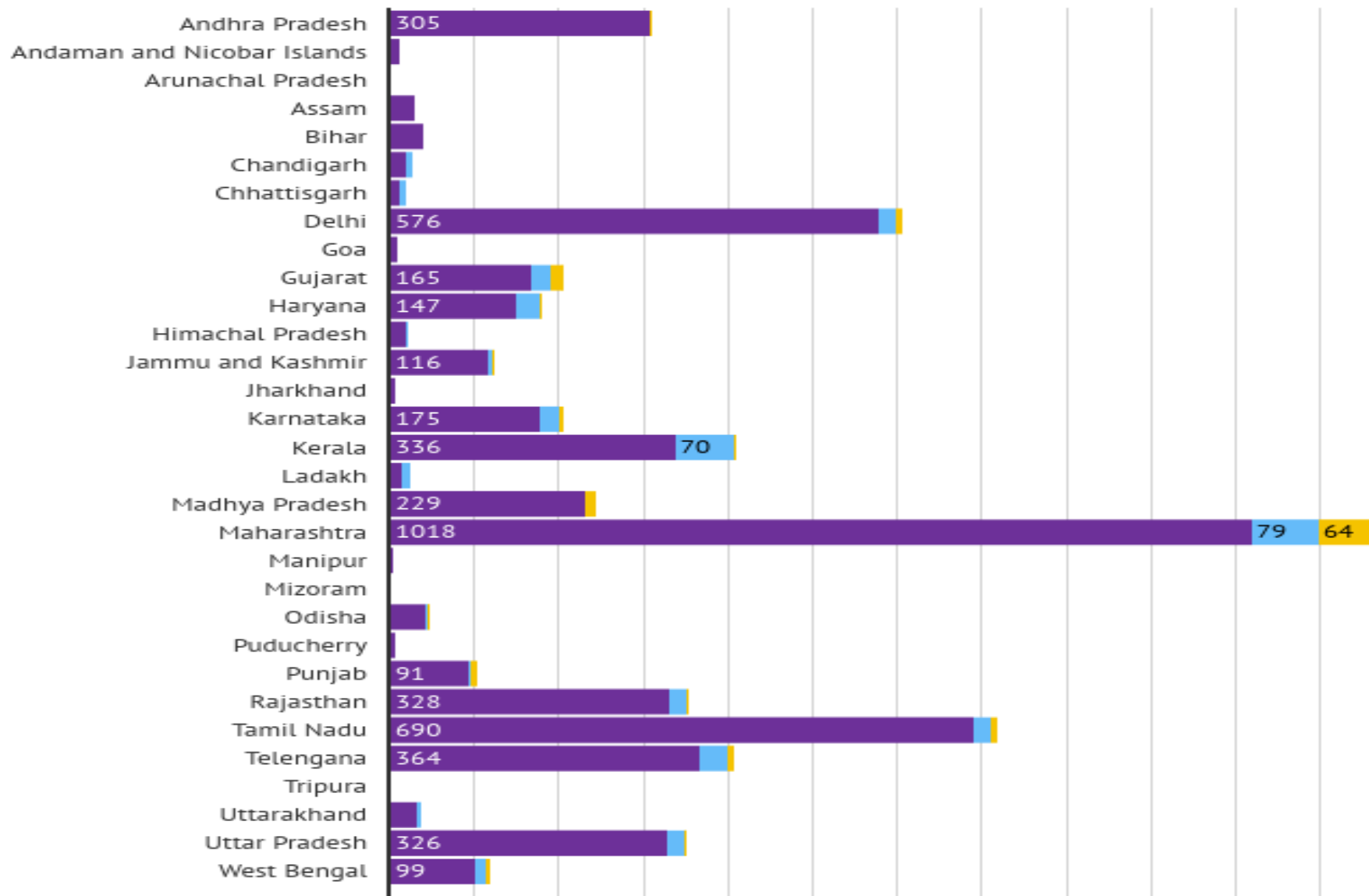
Migration rates (migrants per 1000 population) for major religious groups in the 55th round (1999-00)

	Rural			Urban		
	Male	Female	Person	Male	Femal	Pers
Hindus	69	439	250	277	442	356
Muslims	49	331	189	159	301	227
Christians	128	332	231	296	402	349
Sikhs	84	533	298	186	468	320
Jains	37	588	288	212	474	340
Buddhists	111	468	285	314	431	369
All	69 (54)	427 (477)	244 (261)	257 (259)	418 (456)	334 (354)

Migration rates (migrants per 1000 population) for major religious groups in 64th Round

	Rural			Urban		
	Male	Female	Person	Male	Femal	Person
Hindus	55	490	267	285	483	380
Muslims	40	390	211	143	333	234
Christians	98	364	230	257	401	334
Sikhs	52	577	303	196	565	365
Jains	131	554	314	273	527	395
Buddhists	109	524	309	369	538	453
All	54	477	261	259	456	354

COVID-19 cases in India: Statewise status



● Total Confirmed cases (Including 70 foreign Nationals) ● Cured/Discharged/ ● Death

State wise share of Covid 19 and Migrants

	Share in Covid 19	Share in intern. mig	Share in internat Mig
Maharashtra	25	17	8
Delhi	10	13	2.5
Gujarat	10	6	2.5
Tamil Nadu	8	3	2
Rajasthan	8	5	5
Mad. Pradesh	7	4	1
Uttar Pradesh	6	9	9
Kerala	2	3	16
Karnataka	2	6	1
Jammu & Kas	1	0.3	0.03

Indicats from Housing Amenities Calculated from HH Table 2011

India/State/City	Hhs with one room	No Tap/HP/TW	No Tap/HP/TW in premise	No Latrine in premises
URBAN INDIA	32.1	8.6	33.1	18.6
Maharashtra	41.7	4.3	22.3	28.7
Karnataka	29.6	7.7	32.6	15.1
Tamil Nadu	36.7	7.1	47.7	24.9
West Bengal	41.7	6.1	46.9	15.0
Delhi NCT	32.3	4.8	21.3	10.2
Delhi (M. Corp)	30.1	2.4	15.6	10.8
Kolkata (M. C)	42.5	2.0	27.8	5.1
Pune (M. Corp)	35.3	1.2	9.0	20.8
Gr Mum (M. C)	57.3	2.4	21.1	42.4
Gr Bang (M.C)	32.1	4.1	19.6	3.2
Chennai (M. C)	38.6	2.5	24.2	4.4