



SAMPLE REGISTRATION SYSTEM BULLETIN

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REGISTRAR GENERAL, INDIA

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Sample Registration Bulletin which used to be published in July and January is now being published three months earlier, in April and October respectively in this new concise format so as to facilitate faster dissemination of the SRS results to the data users. This October issue presents the provisional figures for 1998.

Table 1 gives the provisional estimates of birth rate, death rate and infant mortality rate for India, States and Union territories for the year 1998. Table 2 gives the estimates of birth rate, death rate and infant mortality rate for India, States and Union territories for the latest three years 1995-1997 for comparative reference.

Table 1
Provisional estimates of Birth rate, Death rate, Natural growth rate and Infant mortality rate, 1997

India/States/ Union Territories	Birth rate			Death rate			Natural growth rate			Infant mortality rate		
	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
India *	26.4	28.0	21.0	9.0	9.7	6.6	17.4	18.3	14.4	72	77	45
Bigger States												
1. Andhra Pradesh	22.3	22.8	20.9	8.8	9.7	6.0	13.5	13.0	14.8	66	75	38
2. Assam	27.7	28.5	20.2	10.1	10.5	6.0	17.6	18.0	14.1	78	82	36
3. Bihar	31.1	32.1	23.1	9.4	9.7	6.5	21.8	22.3	16.6	67	68	51
4. Gujarat	25.3	26.9	21.9	7.8	8.5	6.3	17.5	18.3	15.6	64	71	46
5. Haryana	27.6	28.8	23.2	8.1	8.5	6.8	19.5	20.3	16.4	69	72	58
6. Karnataka	22.0	23.1	19.4	7.9	8.9	5.6	14.0	14.1	13.8	58	70	25
7. Kerala	18.2	18.3	18.0	6.4	6.5	6.2	11.8	11.8	11.8	16	15	17
8. Madhya Pradesh	30.6	32.1	23.0	11.2	11.8	7.8	19.4	20.2	15.2	97	103	56
9. Maharashtra	22.3	23.5	20.4	7.6	8.8	5.6	14.7	14.6	14.7	49	58	32
10. Orissa	25.7	26.4	20.9	11.1	11.6	7.6	14.6	14.8	13.3	98	101	66
11. Punjab	22.4	23.7	18.5	7.7	8.1	6.3	14.7	15.6	12.2	54	58	40
12. Rajasthan	31.5	33.0	24.6	8.8	9.2	6.9	22.7	23.8	17.6	83	87	60
13. Tamil Nadu	18.9	19.3	18.1	8.4	9.1	6.8	10.6	10.2	11.2	53	58	40
14. Uttar Pradesh	32.4	33.4	27.2	10.5	10.9	8.1	21.9	22.5	19.1	85	89	65
15. West Bengal	21.3	23.4	15.2	7.5	7.7	7.1	13.7	15.7	8.2	53	56	41
Smaller States												
1. Arunachal Pradesh	21.9	22.6	13.6	5.9	6.3	1.8	16.0	16.4	11.8			
2. Goa	14.2	14.5	13.8	8.1	8.5	7.7	6.1	6.1	6.1			
3. Himachal Pradesh	22.5	22.9	16.9	7.7	7.9	5.4	14.8	15.0	11.5			
4. Jammu & Kashmir	19.8	20.8	15.8	5.4	5.6	4.4	14.4	15.2	11.4			
5. Manipur	19.0	19.8	16.7	5.3	5.0	6.1	13.7	14.7	10.6			
6. Meghalaya	29.2	31.8	15.6	9.0	9.9	4.2	20.2	21.8	11.5			
7. Mizoram	15.8	18.1	13.1	5.6	6.7	4.3	10.2	11.4	8.7			
8. Nagaland	N.A.	N.A.	11.9	N.A.	N.A.	1.7	N.A.	N.A.	10.2	N.A.	N.A.	16
9. Sikkim	20.9	21.2	13.5	6.1	6.2	3.9	14.8	15.0	9.7			
10. Tripura	17.6	18.2	14.8	6.1	6.2	5.4	11.6	12.0	9.4			
Union Territories												
1. Andman & Nicobar Islands	17.7	18.0	16.8	4.6	5.1	3.0	13.1	12.9	13.8			
2. Chandigarh	17.9	21.3	17.5	4.1	3.5	4.2	13.8	17.8	13.3			
3. Dadra & Nagar Haveli	34.1	35.1	23.4	7.7	8.1	3.0	26.4	26.9	20.4			
4. Daman & Diu	21.5	22.7	20.5	7.0	8.1	6.1	14.5	14.6	14.4			
5. Delhi	19.4	20.9	19.3	5.3	5.3	5.3	14.2	15.7	14.0			
6. Lakshadweep	22.9	23.5	22.3	6.2	6.1	6.3	16.7	17.4	16.0			
7. Pondicherry	18.0	18.2	17.9	7.8	8.6	7.2	10.3	9.6	10.8			

* : Excludes Jammu & Kashmir due to part-receipt of returns.

N. A.: Not available due to part-receipt of returns.

Note : Infant mortality rates for Smaller States and Union Territories are for the period 1995-97 except for Mizoram which relates to 1996-97.

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Census and Vital Statistics Website on the Internet : <http://www.censusindia.net>

Table 2

Estimates of birth rate, death rate and infant mortality rate for the latest three years, 1995-1997

India/States/ Union Territories	Year	Birth rate			Death rate			Infant mortality rate		
		Total	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban
1	2	3	4	5	6	7	8	9	10	11
India *	1995	28.3	30.0	22.7	9.0	9.8	6.6	74	80	48
	1996	27.5	29.3	21.6	9.0	9.7	6.5	72	77	46
	1997	27.2	28.9	21.5	8.9	9.6	6.5	71	77	45
Bigger States										
1. Andhra Pradesh	1995	24.2	24.8	22.5	8.4	9.2	5.9	67	74	43
	1996	22.8	23.5	20.6	8.4	9.2	5.9	65	73	38
	1997	22.5	23.1	20.5	8.3	9.1	5.9	63	70	37
2. Assam	1995	29.3	30.2	21.8	9.6	10.0	6.7	77	77	59
	1996	27.6	28.9	20.7	9.6	10.2	5.8	74	79	37
	1997	28.2	29.0	20.7	9.9	10.3	5.9	76	79	37
3. Bihar	1995	32.1	33.1	23.8	10.5	10.9	6.9	73	74	57
	1996	32.1	33.1	23.6	10.2	10.6	6.9	71	73	54
	1997	31.7	32.7	23.6	10.0	10.4	6.8	71	73	53
4. Gujarat	1995	26.7	27.9	24.0	7.6	8.3	6.2	62	68	47
	1996	25.7	26.9	23.0	7.6	8.3	6.2	61	68	46
	1997	25.6	27.0	22.6	7.6	8.3	6.2	62	69	46
5. Haryana	1995	29.9	31.2	25.4	8.1	8.5	6.8	69	70	65
	1996	28.8	30.1	24.1	8.1	8.4	6.9	68	70	60
	1997	28.3	29.6	23.8	8.0	8.3	6.9	68	70	59
6. Karnataka	1995	24.1	25.1	22.1	7.6	8.5	5.6	62	69	43
	1996	23.0	24.2	20.3	7.6	8.6	5.4	53	63	25
	1997	22.7	23.9	20.1	7.6	8.5	5.4	53	63	24
7. Kerala	1995	18.0	18.1	17.7	6.0	6.0	6.0	15	16	13
	1996	18.0	18.0	17.9	6.2	6.3	6.0	14	13	16
	1997	17.9	17.9	17.9	6.2	6.3	6.1	12	11	15
8. Madhya Pradesh	1995	33.2	35.1	23.9	11.2	11.9	7.8	99	104	61
	1996	32.3	34.2	23.0	11.1	11.8	7.6	97	102	61
	1997	31.9	33.6	23.1	11.0	11.7	7.7	94	99	57
9. Maharashtra	1995	24.5	26.0	22.4	7.5	8.9	5.4	55	66	34
	1996	23.4	24.9	21.0	7.4	8.7	5.4	48	58	31
	1997	23.1	24.4	21.0	7.3	8.6	5.4	47	56	31
10. Orissa	1995	27.8	28.5	22.0	10.8	11.2	7.5	103	107	65
	1996	27.0	27.7	21.3	10.8	11.2	7.5	96	99	65

	1997	26.5	27.2	21.3	10.9	11.3	7.5	96	100	65
11. Punjab	1995	24.6	26.0	20.8	7.3	7.8	6.2	54	58	39
	1996	23.7	25.2	19.1	7.4	7.8	6.1	51	54	40
	1997	23.4	24.9	19.0	7.4	7.8	6.1	51	54	38

Table 2 (Contd.)

Estimates of birth rate, death rate and infant mortality rate for the latest three years, 1995-1997

India/States/ Union Territories	Year	Birth rate			Death rate			Infant mortality rate		
		Total	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban
1	2	3	4	5	6	7	8	9	10	11
12. Rajasthan	1995	33.3	34.8	26.6	9.1	9.6	7.2	86	90	62
	1996	32.4	34.0	25.1	9.1	9.6	7.1	85	90	60
	1997	32.1	33.7	25.1	8.9	9.3	7.0	85	89	61
13. Tamil Nadu	1995	20.3	21.0	19.0	8.0	8.8	6.6	54	61	43
	1996	19.5	20.0	18.4	8.0	8.7	6.6	53	60	39
	1997	19.0	19.3	18.3	8.0	8.7	6.7	53	58	40
14. Uttar Pradesh	1995	34.8	36.0	28.8	10.3	10.8	8.3	86	89	66
	1996	34.0	35.2	28.0	10.3	10.7	8.2	85	88	67
	1997	33.5	34.6	27.9	10.3	10.7	8.2	85	89	66
15. West Bengal	1995	23.6	26.1	16.8	7.9	8.1	7.2	58	61	45
	1996	22.8	25.3	16.0	7.8	8.0	7.2	55	58	44
	1997	22.4	24.8	15.9	7.7	7.9	7.2	55	58	43
Smaller States										
1. Arunachal Pradesh	1995	23.8	24.5	15.8	6.0	6.3	1.9	61	65	9
	1996	21.9	23.0	10.4	5.5	6.0	1.0	54	57	7
	1997	21.4	22.3	12.2	5.8	6.1	2.0	47	49	17
2. Goa	1995	14.7	15.3	13.9	7.5	8.4	6.1	13	19	5
	1996	14.4	15.5	13.0	7.4	8.3	6.2	15	17	13
	1997	14.2	14.4	13.8	7.7	8.0	7.2	19	23	14
3. Himachal Pradesh	1995	25.2	25.8	17.9	8.7	8.9	6.1	61	63	39
	1996	23.0	23.5	17.1	8.0	8.2	6.0	62	63	40
	1997	22.6	23.1	16.8	8.1	8.3	5.9	63	64	38
4. Manipur	1995	20.6	21.4	18.4	6.7	7.0	6.0	27	29	22
	1996	19.6	20.6	17.1	5.8	5.7	6.0	28	30	21
	1997	19.7	20.5	17.6	5.9	5.8	6.2	30	21	28
5. Meghalaya	1995	29.0	31.8	14.8	8.9	9.7	5.1	45	47	27
	1996	30.4	33.2	16.3	8.9	9.9	4.1	48	50	35
	1997	30.2	32.9	16.6	8.8	9.7	4.4	54	56	52
6. Mizoram	1995	Not available as SRS is being implemented from 1996 only								
	1996	15.1	16.4	13.5	3.7	3.7	3.9	25	27	18
	1997	15.0	16.4	13.3	4.8	5.7	3.7	19	22	15
7. Nagaland	1995	N.A	N.A	13.3	N.A	N.A	1.5	6	2	22

	1996	N.A	N.A	14.5	N.A	N.A	2.9	N.A.	N.A.	13
	1997	N.A	N.A	7.9	N.A	N.A	2.7	N.A.	N.A.	16
8. Sikkim	1995	22.5	22.8	16.4	6.9	7.0	3.0	47	47	27
	1996	20.0	20.3	11.3	6.5	6.7	3.4	47	47	32
	1997	19.8	20.0	12.8	6.5	6.6	3.5	51	51	41
9. Tripura	1995	18.9	19.8	18.0	7.7	7.9	6.6	45	46	41
	1996	18.4	19.2	14.2	6.5	6.8	4.9	49	49	47
	1997	18.3	18.9	15.5	6.8	6.9	5.8	51	53	39

Table 2 (Concl.)

Estimates of birth rate, death rate and infant mortality rate for the latest three years, 1995-1997

India/States/ Union Territories	Year	Birth rate			Death rate			Infant mortality rate		
		Total	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban
1	2	3	4	5	6	7	8	9	10	11
Union Territories										
1. Andman & Nicobar Islands	1995	18.7	19.0	17.9	5.8	6.5	3.9	32	35	24
	1996	18.5	19.1	16.8	4.8	5.2	3.6	27	29	21
	1997	18.6	18.8	17.8	5.1	5.6	3.6	33	39	16
2. Chandigarh	1995	19.5	22.2	19.2	5.7	5.3	5.8	44	28	46
	1996	17.5	20.9	17.2	4.3	3.7	4.4	45	37	46
	1997	18.8	20.9	18.5	4.2	3.7	4.3	40	46	40
3. Dadra & Nagar Haveli	1995	29.7	29.4	32.2	8.2	8.6	5.0	78	80	N.A.
	1996	28.9	29.5	22.7	9.2	9.7	4.5	71	75	5
	1997	28.2	28.7	22.8	8.2	8.6	3.6	63	67	7
4. Daman & Diu	1995	21.8	23.4	20.5	8.0	7.7	8.3	36	52	22
	1996	21.6	21.4	21.8	9.0	8.4	9.4	43	40	45
	1997	24.9	25.5	24.4	5.9	7.7	4.4	38	41	35
5. Delhi	1995	23.3	24.9	23.2	6.0	4.9	6.1	39	45	38
	1996	21.6	25.5	21.2	5.7	5.7	5.7	44	42	44
	1997	21.1	22.7	20.9	5.4	5.4	5.4	35	34	35
6. Lakshadweep	1995	25.5	24.8	26.1	7.6	5.0	10.1	36	17	54
	1996	23.4	23.8	23.1	6.3	6.1	6.6	36	18	53
	1997	22.9	23.5	22.3	6.2	6.1	6.3	36	22	49
7. Pondicherry	1995	20.1	21.6	19.1	7.6	9.2	6.6	25	29	23
	1996	18.1	20.7	16.3	7.1	7.3	6.9	25	27	23
	1997	18.4	20.1	17.1	8.0	9.1	7.2	22	30	16

* Excludes Jammu & Kashmir due to part -receipt of returns. For 1995 excludes Mizoram also as SRS in that state has been taken up from 1996.

N.A. Not available due to non-receipt of returns.

Note: 1. Estimates for 1997 are provisional.

2. Infant mortality rate for smaller states/UT's shown against 1995, 1996 and 1997 are for the periods 1993-95, 1994-96 and 1995-97 respectively except for Mizoram for which it relates to 1996 and 1996-97.

About the Sample Registration System (SRS)

The Sample Registration System (SRS) is a large scale demographic survey for providing reliable annual estimates of birth rate, death rate and other fertility and mortality indicators at the national and sub-national levels. The field investigation consists of continuous enumeration of births and deaths by a resident part time enumerator, generally a teacher and an independent survey every six months by a computer supervisor. The data obtained through these operations are matched. The unmatched and partially matched events are re-verified in the field and thereafter an unduplicated count of births and deaths is obtained. The SRS was initiated by the OFFICE OF THE REGISTRAR GENERAL, INDIA on a pilot basis in a few selected states in 1964-65 and it became fully operational during 1969-70 with about 3700 sample units. Thereafter the number of sample units was periodically increased. The sample unit in rural areas is a village or a segment of it if the village had a population of 1500 or more. In urban areas the sampling unit is a census enumeration block with a population ranging from 750 to 1000. At present SRS has 6671 sample units (4436 rural and 2235 urban) in all States and Union territories covering about 1.1 million households and 5.97 million population.