



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 a new concise format. This effort will facilitate faster dissemination of the SRS results to all the data users. The October issue presents the provisional figures for 1999.

Table 1 gives the provisional estimates of birth rate, death rate and infant mortality rate for India, States and Union territories for the year 1999. 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 1996-1998 for comparative reference.

Table 1

Provisional estimates of Birth rate, Death rate, Natural growth rate and Infant mortality rate, 1999

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 *	26.1	27.6	/20.8	8.7	9.4	6.3	17.3	18.2	14.5	70	75	44
Bigger States												
1. Andhra Pradesh	21.7	22.0	20.6	8.2	9.0	5.7	13.5	13.1	15.0	66	75	37
2. Assam	27.0	28.0	18.9	9.7	10.1	6.2	17.3	17.9	12.7	76	79	36
3. Bihar	30.4	31.3	22.6	9.1	9.3	6.6	21.4	22.0	16.0	66	67	51
4. Gujarat	25.4	27.0	22.0	7.9	8.8	5.9	17.6	18.2	16.1	63	70	45
5. Haryana	26.8	27.7	23.3	7.7	8.0	6.4	19.1	19.7	16.9	68	70	58
7. Karnataka	22.3	23.7	19.2	7.7	8.7	5.5	14.6	15.0	13.6	58	69	24
8. Kerala	18.0	18.1	17.7	6.4	6.5	6.3	11.5	11.6	11.4	14	14	16
9. Madhya Pradesh	30.7	32.1	23.4	10.6	11.2	7.4	20.1	20.9	15.9	91	96	55
10. Maharashtra	21.1	21.6	20.3	7.5	8.7	5.6	13.6	12.9	14.7	48	58	31
11. Orissa	24.1	24.6	20.3	10.6	11.1	7.1	13.4	13.5	13.3	97	100	65
12. Punjab	21.5	22.5	18.6	7.4	7.9	6.1	14.1	14.6	12.5	53	57	39
13. Rajasthan	31.1	32.5	24.9	8.4	8.9	6.4	22.7	23.6	18.5	81	85	59
14. Tamil Nadu	19.3	19.8	18.2	8.0	8.7	6.6	11.3	11.1	11.6	52	58	39
15. Uttar Pradesh	32.1	33.1	26.7	10.5	11.0	7.7	21.6	22.1	19.0	84	87	64
16. West Bengal	20.7	22.9	14.3	7.1	7.2	6.8	13.6	15.7	7.5	52	55	40
Smaller States												
1. Arunachal Pradesh	22.3	23.2	13.5	6.0	6.4	1.9	16.3	16.7	11.6	43	45	10
2. Goa	14.3	14.4	14.1	7.2	7.6	6.6	7.1	6.8	7.5	21	23	17
3. Himachal Pradesh	23.8	24.3	16.8	7.3	7.5	5.2	16.4	16.8	11.6	62	63	38
4. Manipur	18.6	19.4	16.4	5.4	5.0	6.6	13.1	14.3	9.8	25	22	24
5. Meghalaya	28.7	31.1	15.7	9.1	10.2	3.3	19.5	20.9	12.4	56	59	33
6. Mizoram	17.0	18.7	14.8	5.5	6.9	3.7	11.5	11.8	11.1	19	22	14
7. Nagaland	N.A.	N.A.	11.8	N.A.	N.A.	2.3	N.A.	N.A.	9.5	N.A.	N.A.	16
8. Sikkim	21.6	21.9	14.7	5.8	5.9	3.4	15.8	16.0	11.3	49	50	33
9. Tripura	17.0	17.5	14.4	5.7	5.7	5.7	11.3	11.8	8.7	42	43	33
Union Territories												
1. Andman & Nicobar Islands	18.1	17.8	19.2	5.5	6.2	3.5	12.6	11.5	15.7	25	30	9
2. Chandigarh	17.9	24.5	17.1	3.9	2.6	4.1	14.0	21.9	13.0	28	36	27
3. Dadra & Nagar Haveli	32.4	35.2	23.5	5.9	7.0	2.3	26.5	28.1	21.2	56	61	7
4. Daman & Diu	26.9	24.9	28.8	7.1	8.9	5.4	19.9	16.1	23.3	35	34	36
5. Delhi	19.4	20.7	19.3	4.8	4.5	4.9	14.6	16.2	14.4	31	33	31
6. Lakshadweep	25.1	25.1	25.0	4.7	4.3	5.0	20.4	20.8	20.0	32	26	37
7. Pondicherry	17.7	18.0	17.5	6.9	7.9	6.1	10.8	10.1	11.4	22	32	15

* : Excludes Nagaland (Rural) & 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 1997-99.

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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, 1996-1998

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 *	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
	1998	26.5	28.0	21.0	9.0	9.7	6.6	72	77	45
Bigger States										
1. Andhra Pradesh	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
	1998	22.4	22.8	20.9	8.8	9.7	6.0	66	75	38
2. Assam	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
	1998	27.9	28.7	20.2	10.0	10.5	6.0	76	80	36
3. Bihar	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
	1998	31.1	32.1	23.1	9.4	9.7	6.5	67	68	51
4. Gujarat	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
	1998	25.5	27.0	21.9	7.9	8.6	6.3	64	71	46
5. Haryana	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
	1998	27.6	28.8	23.2	8.2	8.6	6.8	70	72	59
6. Karnataka	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
	1998	22.0	23.1	19.4	7.9	8.9	5.6	58	70	25
7. Kerala	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
	1998	18.3	18.3	18.0	6.4	6.5	6.2	16	15	17
8. Madhya Pradesh	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
	1998	30.7	32.1	23.0	11.2	11.9	7.8	98	104	56
9. Maharashtra	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
	1998	22.5	23.6	20.4	7.7	8.9	5.6	49	58	32
10. Orissa	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

	1998	25.7	26.4	20.9	11.1	11.6	7.6	98	101	66
11. Punjab	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
	1998	22.4	23.7	18.5	7.7	8.2	6.3	54	58	40

Table 2 (Contd.)

Estimates of birth rate, death rate and infant mortality rate for the latest three years, 1996-1998

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	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
	1998	31.6	33.1	24.6	8.8	9.3	6.9	83	87	60
13. Tamil Nadu	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
	1998	19.2	19.7	18.1	8.5	9.3	6.8	53	59	40
14. Uttar Pradesh	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
	1998	32.4	33.4	27.2	10.5	10.9	8.1	85	89	65
15. West Bengal	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
	1998	21.3	23.4	15.2	7.5	7.7	7.1	53	56	41
Smaller States										
1. Arunachal Pradesh	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
	1998	22.5	23.3	13.6	6.1	6.5	1.8	44	46	10
2. Goa	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
	1998	14.3	14.6	13.8	8.2	8.5	7.7	23	25	22
3. Himachal Pradesh	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
	1998	22.6	23.0	16.9	7.7	7.9	5.4	64	66	38
4. Manipur	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
	1998	19.0	19.9	16.7	5.3	5.1	6.1	25	22	26
5. Meghalaya	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
	1998	29.2	31.8	15.6	9.0	9.9	4.2	52	54	36
6. Mizoram	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
	1998	15.8	18.1	13.1	5.6	6.7	4.3	23	26	18
7. Nagaland	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
	1998	N.A	N.A	11.9	N.A	N.A	1.7	N.A	N.A	16

8. Sikkim	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
	1998	20.9	21.2	13.5	6.1	6.2	3.9	52	52	44
9. Tripura	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
	1998	17.6	18.2	14.8	6.1	6.2	5.4	49	50	39

Table 2 (Concl.)

Estimates of birth rate, death rate and infant mortality rate for the latest three years, 1996-1998

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	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
	1998	17.7	18.0	16.8	4.6	5.1	3.0	30	37	9
2. Chandigarh	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
	1998	17.9	21.3	17.5	4.1	3.5	4.2	32	44	30
3. Dadra & Nagar Haveli	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
	1998	34.1	35.1	23.4	7.9	8.4	3.0	61	65	7
4. Daman & Diu	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
	1998	21.7	23.0	20.5	7.0	8.1	6.1	51	42	59
5. Delhi	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
	1998	19.4	20.9	19.3	5.3	5.3	5.3	36	36	36
6. Lakshadweep	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
	1998	23.0	23.5	22.3	6.2	6.1	6.3	26	22	30
7. Pondicherry	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
	1998	18.2	18.3	17.9	7.8	8.7	7.2	21	31	14

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

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

Note: Infant mortality rate for smaller states/UT's shown against 1996, 1997 and 1998 are for the periods 1994-96, 1995-97 and 1996-98 respectively.

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 5.98 million population.