



SAMPLE REGISTRATION SYSTEM BULLETIN

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REGISTRAR GENERAL, INDIA

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Table 1
Provisional estimates of Birth rate, Death rate, Natural growth rate and Infant mortality rate, 2001

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 *	25.4	27.1	20.2	8.4	9.0	6.3	17.0	18.0	13.9	66	72	42
Bigger States												
1. Andhra Pradesh	20.8	21.3	19.6	8.1	8.9	5.6	12.8	12.4	14.0	66	74	39
2. Assam	26.8	27.8	18.5	9.5	9.8	6.6	17.3	18.0	11.9	73	76	33
3. Bihar	31.2	32.3	23.4	8.2	8.5	6.3	23.0	23.7	17.1	62	63	52
4. Gujarat	24.9	26.6	21.5	7.8	8.8	5.6	17.2	17.8	15.9	60	67	42
5. Haryana	26.7	27.8	22.8	7.6	7.6	7.4	19.1	20.2	15.4	65	68	54
6. Karnataka	22.2	23.6	19.0	7.6	8.2	6.4	14.6	15.4	12.6	58	69	27
7. Kerala	17.2	17.4	16.6	6.6	6.8	6.1	10.6	10.6	10.5	11	12	9
8. Madhya Pradesh	30.8	32.8	23.0	10.0	10.8	7.2	20.8	22.0	15.9	86	92	53
9. Maharashtra	20.6	21.0	20.1	7.5	8.5	5.9	13.1	12.5	14.2	45	55	27
10. Orissa	23.4	23.9	19.6	10.2	10.7	6.8	13.1	13.2	12.8	90	94	60
11. Punjab	21.2	22.1	18.7	7.0	7.2	6.4	14.2	14.8	12.2	51	55	37
12. Rajasthan	31.0	32.3	24.7	7.9	8.3	6.2	23.0	24.0	18.5	79	83	57
13. Tamil Nadu	19.0	19.6	17.8	7.6	8.4	6.0	11.4	11.2	11.8	49	54	35
14. Uttar Pradesh	32.1	33.2	27.0	10.1	10.6	7.8	22.0	22.5	19.2	82	86	62
15. West Bengal	20.5	22.8	13.8	6.8	7.0	6.4	13.7	15.8	7.4	51	53	38
Smaller States												
1. Arunachal Pradesh	22.0	22.9	12.8	5.5	5.9	2.3	16.5	17.0	10.6	39	41	11
2. Chhatisgarh	26.3	29.0	22.4	8.8	10.1	7.0	17.5	18.9	15.4	76	88	56
3. Goa	13.9	14.0	13.9	7.5	8.1	6.5	6.5	5.9	7.4	19	21	16
4. Jharkhand	26.3	28.3	19.5	8.8	9.7	6.0	17.4	18.6	13.4	62	67	40
5. Himachal Pradesh	21.0	21.3	16.8	7.0	7.1	5.3	14.0	14.2	11.5	54	55	32
6. Jammu & Kashmir	20.1	21.1	16.3	6.1	6.1	6.0	14.1	15.0	10.3	48	50	39
7. Manipur	18.2	19.0	15.9	5.1	4.8	6.1	13.1	14.2	9.9	20	19	23
8. Meghalaya	28.3	30.7	15.0	9.0	9.9	3.9	19.3	20.7	11.1	56	57	41
9. Mizoram	15.7	17.7	13.2	4.4	5.2	3.4	11.3	12.4	9.8	19	23	12
10. Nagaland	N.A.	N.A.	12.4	N.A.	N.A.	2.6	N.A.	N.A.	9.9	N.A.	N.A.	13
11. Sikkim	21.6	21.8	16.7	5.1	5.2	3.2	16.5	16.6	13.5	42	43	31
12. Tripura	16.1	16.6	13.5	5.6	5.6	5.2	10.5	11.0	8.3	39	40	30
13. Uttaranchal	18.5	21.1	16.6	7.8	10.0	6.1	10.7	11.1	10.5	48	69	26
Union territories												
1. Andaman & Nicobar Islands	16.8	17.8	14.2	4.7	5.0	4.1	12.1	12.8	10.2	18	21	8
2. Chandigarh	16.1	20.6	15.6	3.5	2.2	3.7	12.6	18.4	11.9	24	28	23
3. Dadra & Nagar Haveli	29.3	30.1	20.0	6.5	6.8	2.9	22.8	23.3	17.1	58	62	9
4. Daman & Diu	22.3	22.6	22.0	6.7	7.6	5.9	15.6	15.0	16.2	40	42	35
5. Delhi	18.7	23.2	18.1	5.0	5.4	5.0	13.6	17.8	13.1	29	34	28
6. Lakshadweep	20.4	22.1	18.7	5.0	4.7	5.2	15.4	17.4	13.5	33	34	33
7. Pondicherry	17.9	18.7	17.3	7.0	7.7	6.6	10.8	11.0	10.7	22	31	15

* : Excludes Nagaland (Rural) 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 1999-2001.

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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, 1998-2000

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 *	1998	26.5	28.0	21.1	9.0	9.7	6.6	72	77	45
	1999	26.0	27.6	20.8	8.7	9.4	6.3	70	75	44
	2000	25.8	27.6	20.7	8.5	9.3	6.3	68	74	44
Bigger States										
1. Andhra Pradesh	1998	22.4	22.8	21.1	8.8	9.7	6.1	66	75	38
	1999	21.7	22.0	20.6	8.2	9.0	5.7	66	75	37
	2000	21.3	21.7	20.1	8.2	9.0	5.8	65	74	36
2. Assam	1998	27.9	28.7	20.2	10.0	10.5	6.0	76	80	36
	1999	27.0	28.0	18.9	9.7	10.1	6.2	76	79	36
	2000	26.9	27.9	18.6	9.6	10.0	6.1	75	78	35
3. Bihar	1998	31.1	32.1	23.1	9.4	9.7	6.5	67	68	51
	1999	31.5	32.4	25.2	8.9	9.2	7.1	63	64	55
	2000	31.9	32.8	25.6	8.8	9.1	7.1	62	63	53
4. Gujarat	1998	25.5	27.0	22.2	7.9	8.6	6.4	64	71	46
	1999	25.4	27.0	22.0	7.9	8.8	5.9	63	70	45
	2000	25.2	26.8	21.9	7.5	8.3	5.8	62	69	45
5. Haryana	1998	27.6	28.8	23.3	8.2	8.6	6.9	70	72	59
	1999	26.8	27.7	23.3	7.7	8.0	6.4	68	70	58
	2000	26.9	28.0	23.1	7.5	7.9	6.2	67	69	57
6. Karnataka	1998	22.0	23.1	19.4	7.9	8.9	5.6	58	70	25
	1999	22.3	23.7	19.2	7.7	8.7	5.5	58	69	24
	2000	22.0	23.3	19.1	7.8	8.6	5.8	57	68	24
7. Kerala	1998	18.3	18.3	18.2	6.4	6.5	6.2	16	15	17
	1999	18.0	18.1	17.7	6.4	6.5	6.3	14	14	16
	2000	17.9	18.0	17.5	6.4	6.5	6.2	14	14	14
8. Madhya Pradesh	1998	30.7	32.1	23.1	11.2	11.9	7.8	98	104	56
	1999	31.1	33.1	23.6	10.4	11.1	7.6	90	96	55
	2000	31.4	33.4	23.5	10.3	11.1	7.5	87	93	54
9. Maharashtra	1998	22.5	23.6	20.8	7.7	8.9	5.8	49	58	32
	1999	21.1	21.6	20.3	7.5	8.7	5.6	48	58	31
	2000	21.0	21.4	20.4	7.5	8.6	5.8	48	56	33
10. Orissa	1998	25.7	26.4	20.9	11.1	11.6	7.6	98	101	66
	1999	24.1	24.6	20.3	10.7	11.1	7.1	97	100	65
	2000	24.3	24.9	20.1	10.5	11.0	7.0	95	99	66
11. Punjab	1998	22.4	23.7	18.5	7.7	8.2	6.3	54	58	40
	1999	21.5	22.5	18.6	7.4	7.9	6.1	53	57	39
	2000	21.6	20.7	18.6	7.4	7.9	5.9	52	56	38
12. Rajasthan	1998	31.6	33.1	24.7	8.8	9.3	6.9	83	87	60
	1999	31.1	32.5	24.9	8.4	8.9	6.4	81	85	59
	2000	31.4	32.8	25.1	8.5	8.9	6.6	79	82	58
13. Tamil Nadu	1998	19.2	19.7	18.1	8.5	9.3	6.8	53	59	40
	1999	19.3	19.8	18.2	8.0	8.7	6.6	52	58	39

2000 19.3 20.0 18.1 7.9 8.7 6.5 51 56 38

Table 2 (Contd.)

Estimates of birth rate, death rate and infant mortality rate for the latest three years, 1998-2000

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
14. Uttar Pradesh	1998	32.4	33.4	27.2	10.5	10.9	8.1	85	89	65
	1999	32.8	33.9	27.5	10.5	11.1	8.1	84	88	66
	2000	32.8	34.0	27.2	10.3	10.8	8.0	83	87	65
15. West Bengal	1998	21.3	23.4	15.2	7.5	7.7	7.1	53	56	41
	1999	20.7	22.9	14.3	7.1	7.2	6.8	52	55	40
	2000	20.7	23.0	14.1	7.0	7.2	6.7	51	54	37
Smaller States										
1. Arunachal Pradesh	1998	22.5	23.3	13.6	6.1	6.5	1.8	44	46	10
	1999	22.3	23.2	13.5	6.0	6.4	1.9	43	45	10
	2000	22.3	23.1	13.9	6.0	6.3	2.5	44	45	11
2. Chhatisgarh	1998	Included in Madhya Pradesh								
	1999	26.9	29.3	23.6	9.6	11.3	7.0	78	95	47
	2000	26.7	29.2	22.8	9.6	11.2	7.1	79	95	49
3. Goa	1998	14.3	14.6	14.0	8.2	8.5	7.9	23	25	22
	1999	14.3	14.4	14.1	7.2	7.6	6.6	21	23	17
	2000	14.3	14.3	14.2	7.4	7.9	6.7	23	24	21
4. Jharkhand	1998	Included in Bihar								
	1999	26.3	28.5	19.0	8.9	9.7	6.4	71	76	48
	2000	26.5	28.8	19.4	9.0	9.8	6.5	70	74	48
5. Himachal Pradesh	1998	22.6	23.0	17.0	7.7	7.9	5.4	64	66	38
	1999	23.8	24.3	16.8	7.3	7.5	5.2	62	63	38
	2000	22.1	22.5	16.9	7.2	7.3	5.5	60	62	37
6. Jammu & Kashnir	1998	19.9	20.8	16.1	5.4	5.6	4.6	45	46	44
	1999	20.9	22.0	16.5	6.3	6.2	6.3	52	53	44
	2000	19.7	20.5	16.5	6.2	6.3	5.9	50	51	45
7. Manipur	1998	19.0	19.9	16.7	5.3	5.1	6.1	25	22	26
	1999	18.6	19.4	16.4	5.4	5.0	6.6	25	22	24
	2000	18.3	19.1	16.2	5.6	5.4	6.0	23	23	25
8. Meghalaya	1998	29.2	31.8	15.6	9.0	9.9	4.2	52	54	36
	1999	28.7	31.1	15.7	9.1	10.2	3.3	56	59	33
	2000	28.5	31.0	15.3	9.2	10.1	4.6	58	61	32
9. Mizoram	1998	15.8	18.1	13.1	5.6	6.7	4.3	23	26	18
	1999	17.0	18.7	14.8	5.5	6.9	3.7	19	22	14
	2000	16.0	19.2	12.2	5.2	6.2	3.9	21	23	17
10. Nagaland	1998	N.A	N.A	11.9	N.A	N.A	1.7	N.A	N.A	16
	1999	N.A	N.A	11.8	N.A	N.A	2.3	N.A	N.A	16
	2000	N.A	N.A	12.2	N.A	N.A	3.0	N.A	N.A	23
11. Sikkim	1998	20.9	21.2	13.5	6.1	6.2	3.9	52	52	44
	1999	21.6	21.9	14.7	5.8	5.9	3.4	49	50	33
	2000	21.8	22.1	14.8	5.7	5.7	4.0	49	49	36
12. Tripura	1998	17.6	18.2	14.8	6.1	6.2	5.4	49	50	39
	1999	17.0	17.5	14.4	5.7	5.7	5.7	42	43	33

2000 16.5 17.0 14.0 5.4 5.3 5.6 41 42 32

Table 2 (Concl.)

Estimates of birth rate, death rate and infant mortality rate for the latest three years, 1998-2000

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
13. Uttaranchal	1998				Included in Uttar Pradesh					
	1999	19.6	24.5	16.1	6.5	10.5	3.5	52	75	27
	2000	20.2	24.6	17.1	6.9	10.3	4.5	50	73	26
Union territories										
1. Andaman & Nicobar Islands	1998	17.7	18.0	16.8	4.6	5.1	3.0	30	37	9
	1999	18.1	17.8	19.2	5.5	6.2	3.5	25	30	9
	2000	19.1	19.0	19.3	5.1	5.7	3.4	23	27	10
2. Chandigarh	1998	17.9	21.3	17.5	4.1	3.5	4.2	32	44	30
	1999	17.9	24.5	17.1	3.9	2.6	4.1	28	36	27
	2000	17.5	18.9	17.3	3.9	3.8	3.9	28	38	26
3. Dadra & Nagar Haveli	1998	34.1	35.1	23.4	7.9	8.4	3.0	61	65	7
	1999	34.2	35.2	23.6	6.6	7.0	2.5	56	61	7
	2000	34.9	35.9	24.0	7.8	8.2	3.5	58	62	14
4. Daman & Diu	1998	21.7	23.0	20.5	7.0	8.1	6.1	51	42	59
	1999	26.9	24.9	28.8	7.1	8.9	5.4	35	34	36
	2000	23.7	21.8	25.4	6.6	7.1	6.2	48	38	57
5. Delhi	1998	19.4	20.9	19.3	5.3	5.3	5.3	36	36	36
	1999	20.3	20.7	20.3	4.8	4.5	4.9	31	33	31
	2000	20.3	21.4	20.1	5.1	5.0	5.1	32	32	32
6. Lakshadweep	1998	23.0	23.5	22.4	6.2	6.1	6.2	26	22	30
	1999	25.1	25.1	25.0	4.7	4.3	5.0	32	26	37
	2000	26.1	27.6	24.6	6.0	7.1	4.9	27	25	29
7. Pondicherry	1998	18.2	18.3	18.1	7.8	8.7	7.2	21	31	14
	1999	17.7	18.0	17.5	6.9	7.9	6.1	22	32	15
	2000	17.8	18.4	17.4	6.5	7.2	6.0	23	33	15

* Excludes Nagaland (Rural) 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 1998, 1999 and 2000 are for the periods 1996-98, 1997-99 and 1998-2000 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 vital rates in respect of the three newly created states of Chhatisgarh, Jharkhand and Uttaranchal were first published for the year 1999 in the April, 2001 issue of SRS bulletin and were continued for subsequent years. The present issue also contains the vital rates for 2001 for these states. 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 6.33 million population.