SRS BULLETIN SAMPLE REGISTRATION SYSTEM

REGISTRAR GENERAL, INDIA

VITAL STATISTICS DIVISION, WEST BLOCK 1, WING 1, 2ND FLOOR, R. K. PURAM, NEW DELHI-110 066

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Table 1: Estimated Birth rate, Death rate, Natural growth rate and Infant mortality rate, 2005

India/States/ Union Territories		Birth rate		I	Death rate	e	Natu	ral growt	h rate	Infan	t mortalit	y 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	23.8	25.6	19.1	7.6	8.1	6.0	16.3	17.5	13.1	58	64	40
Bigger states												
1. Andhra Pradesh	19.1	20.1	16.7	7.3	7.9	5.9	11.8	12.2	10.8	57	63	39
2. Assam	25.0	26.6	15.3	8.7	9.2	5.6	16.3	17.4	9.6	68	71	39
3. Bihar	30.4	31.2	23.8	8.1	8.3	6.6	22.3	22.9	17.2	61	62	47
4. Chhattisgarh	27.2	29.0	20.0	8.1	8.4	6.9	19.1	20.6	13.1	63	65	52
5. Delhi	18.6	19.0	18.5	4.6	5.5	4.5	13.9	13.5	14.0	35	44	33
6. Gujarat	23.7	25.5	21.0	7.1	8.0	5.8	16.6	17.5	15.2	54	63	37
7. Haryana	24.3	25.7	21.0	6.7	7.0	5.8	17.6	18.7	15.1	60	64	45
8. Jammu & Kashmir	18.9	20.2	14.3	5.5	5.7	5.0	13.4	14.6	9.3	50	53	39
9. Jharkhand	26.8	28.8	18.7	7.9	8.4	5.7	18.9	20.4	13.0	50	53	33
10. Karnataka	20.6	22.1	17.9	7.1	7.9	5.6	13.5	14.2	12.3	50	54	39
11. Kerala	15.0	15.1	14.8	6.4	6.3	6.5	8.7	8.8	8.2	14	15	12
12. Madhya Pradesh	29.4	31.6	22.0	9.0	9.8	6.1	20.5	21.8	16.0	76	80	54
13. Maharashtra	19.0	19.6	18.2	6.7	7.4	5.7	12.3	12.2	12.5	36	41	27
14. Orissa	22.3	23.2	16.3	9.5	9.9	7.0	12.8	13.4	9.3	75	78	55
15. Punjab	18.1	18.8	17.0	6.7	7.2	5.8	11.4	11.6	11.2	44	49	37
16. Rajasthan	28.6	30.2	23.8	7.0	7.2	6.2	21.6	22.9	17.6	68	75	43
17. Tamil Nadu	16.5	16.9	16.0	7.4	8.2	6.2	9.2	8.7	9.8	37	39	34
18. Uttar Pradesh	30.4	31.3	26.5	8.7	9.1	6.8	21.7	22.2	19.7	73	77	54
19. West Bengal	18.8	21.2	12.6	6.4	6.3	6.6	12.4	14.9	6.0	38	40	31
Smaller states												
1. Arunachal Pradesh	23.3	24.4	18.7	5.0	5.5	2.8	18.3	18.9	15.9	37	39	17
2. Goa	14.8	13.9	15.4	7.1	8.9	5.8	7.7	5.0	9.5	16	16	15
3. Himachal Pradesh	20.0	20.7	13.3	6.9	7.1	4.7	13.1	13.6	8.6	49	50	20
4. Manipur	14.7	14.5	15.5	4.1	4.0	4.4	10.7	10.5	11.1	13	12	14
5. Meghalaya	25.1	27.3	15.1	7.5	7.9	6.0	17.5	19.4	9.1	49	50	42
6. Mizoram	18.8	23.2	14.4	5.1	6.2	4.1	13.7	17.1	10.3	20	26	10
7. Nagaland	16.4	16.5	16.1	3.8	4.0	3.1	12.6	12.5	13.1	18	17	22
8. Sikkim	19.9	20.2	18.0	5.1	5.2	4.8	14.8	15.0	13.2	30	31	15
9. Tripura	16.0	16.5	13.8	5.7	5.7	5.8	10.3	10.7	8.0	31	31	29
10. Uttaranchal	20.9	22.1	16.6	7.4	7.9	5.3	13.6	14.2	11.2	42	56	19
Union Territories												
1. Andaman & Nicobar Islands	15.7	17.5	12.6	4.7	5.3	3.6	11.1	12.2	9.0	27	30	18
2. Chandigarh	17.3	23.3	16.7	4.5	2.7	4.7	12.7	20.6	12.0	19	25	18
3. Dadra & Nagar Haveli	29.4	29.2	30.0	5.1	5.6	3.1	24.3	23.6	26.8	42	45	29
4. Daman & Diu	19.1	20.6	16.8	5.6	5.3	6.1	13.5	15.3	10.6	28	32	21
5. Lakshadweep	19.1	19.0	19.2	6.3	7.5	5.2	12.7	11.4	14.0	22	17	27
6. Pondicherry	16.2	16.9	15.8	7.1	8.0	6.7	9.0	9.0	9.1	28	38	22
Note: Infant mortality rates for sm	aller State	es and Un	ion Territo	ories are b	ased on th	ree-years	period 20	03-05.				-

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

Table 2: Ninety five percent confidence limits (lower and upper limits) for

India/States/ Union Territories			Birth	Rate			Deatl	n Rate
-	То			ıral		ban		otal
	Lower Limit	Upper Limit	Lower Limit	Upper Limit	Lower Limit	Upper Limit	Lower Limit	Upper Limit
1	2	3	4	5	6	7	8	9
India	23.6	24.1	25.3	25.9	18.8	19.4	7.4	7.7
Bigger States								
Andhra Pradesh	18.3	19.9	19.1	21.1	15.5	17.8	6.9	7.8
2. Assam	23.0	26.9	24.4	28.8	14.3	16.3	8.0	9.3
3. Bihar	29.8	31.1	30.5	31.9	22.3	25.2	7.7	8.5
4. Chhattisgarh	24.8	29.6	25.9	32.0	18.4	21.7	7.2	9.0
5. Delhi	17.5	19.7	15.7	22.2	17.3	19.7	4.2	5.0
6. Gujarat	22.7	24.7	24.2	26.8	19.4	22.6	6.8	7.5
7. Haryana	22.9	25.6	24.0	27.4	19.1	22.8	6.2	7.1
8. Jammu & Kashmir	17.9	20.0	18.9	21.6	13.0	15.7	5.1	5.9
9. Jharkhand	25.4	28.2	27.1	30.5	17.5	19.9	7.3	8.4
10. Karanataka	19.6	21.6	20.7	23.5	16.6	19.2	6.6	7.5
11. Kerala	14.4	15.7	14.4	15.8	13.6	15.9	6.1	6.7
12. Madhya Pradesh	28.2	30.6	30.2	33.1	20.4	23.7	8.5	9.4
13. Maharashtra	18.5	19.5	19.1	20.2	17.2	19.2	6.4	6.9
14. Orissa	21.4	23.1	22.3	24.2	15.2	17.5	9.0	9.9
15. Punjab	17.4	18.8	17.9	19.7	15.9	18.1	6.3	7.1
16. Rajasthan	27.5	29.6	29.0	31.3	21.7	25.9	6.6	7.4
17. Tamil Nadu	16.0	17.0	16.2	17.5	15.3	16.7	7.0	7.7
18. Uttar Pradesh	29.5	31.2	30.3	32.3	25.2	27.8	8.3	9.0
19. West Bengal	18.1	19.5	20.3	22.1	11.8	13.4	6.1	6.7
Smaller States								
Arunachal Pradesh	19.9	26.7	20.3	28.6	13.8	23.6		
2. Goa	13.3	16.3	12.9	14.9	12.9	17.8		
3. Himachal Pradesh	18.7	21.2	19.3	22.1	11.8	14.8		
4. Manipur	13.7	15.8	13.3	15.6	13.1	17.9		
5. Meghalaya	22.7	27.4	24.5	30.1	11.9	18.3		
6. Mizoram	16.5	21.2	19.5	26.9	11.6	17.2		
7. Nagaland	14.5	18.3	14.2	18.7	12.4	19.9		
8. Sikkim	18.3	21.5	18.5	21.9	14.4	21.6		
9. Tripura	14.9	17.1	15.3	17.6	11.3	16.3		
10. Uttaranchal	16.8	25.0	16.7	27.4	14.6	18.6		
Union Territories								
Andaman & Nicobar Islands	14.0	17.5	15.6	19.4	9.2	16.0		
2. Chandigarh	14.7	19.8	19.7	26.9	14.0	19.5		
Dadra & Nagar Haveli	26.9	31.9	26.5	32.0	23.7	36.2		
4. Daman & Diu	16.6	21.5	17.8	23.3	12.3	21.2		
5. Lakshadweep	16.6	21.5	14.7	23.2	16.8	21.6		
6. Pondicherry	14.9	17.4	15.4	18.4	14.0	17.5		

Note: Ninety five percent confidence limits for Birth rate, Death rate and Infant mortality rate have been estimated using the formulae BR ± 2 S.E.(BR), DR ± 2 S.E.(DR) and IMR ± 2 S.E.(IMR) respectively.

Birth Rate, Death Rate and Infant Mortality Rate, 2005

Death Rate						Infant Mo	_India/States/ Union Territories			
Ru	ral	Url	ban	T	otal	Ri	ural	Ur	ban	_
Lower	Upper	Lower	Upper	Lower	Upper	Lower	Upper	Lower	Upper	
Limit	Limit	Limit	Limit	Limit	Limit	Limit	Limit	Limit	Limit	
10	11	12	13	14	15	16	17	18	19	1
8.0	8.2	5.9	6.2	57	60	62	66	38	42	India
										Bigger States
7.4	8.5	5.3	6.5	51	63	56	70	32	47	1. Andhra Pradesh
8.4	9.9	5.1	6.2	61	75	63	78	32	47	2. Assam
7.9	8.7	6.0	7.2	56	66	57	68	40	55	3. Bihar
7.3	9.4	6.1	7.8	55	72	56	75	45	59	4. Chhattisgarh
4.2	6.8	4.1	4.9	29	41	29	59	27	40	5. Delhi
7.6	8.5	5.1	6.5	48	59	55	70	28	46	6. Gujarat
6.5	7.6	5.1	6.5	54	65	57	72	39	52	7. Haryana
5.2	6.1	4.3	5.7	44	56	46	60	26	52	8. Jammu & Kashmir
7.7	9.1	5.0	6.4	44	57	45	61	23	43	9. Jharkhand
7.4	8.4	4.9	6.3	44	55	47	62	32	46	10. Karanataka
6.0	6.7	5.9	7.2	10	19	10	21	4	20	11. Kerala
9.3	10.4	5.4	6.7	69	82	72	88	45	62	12. Madhya Pradesh
7.2	7.7	5.3	6.1	32	39	37	46	20	34	13. Maharashtra
9.4	10.3	6.2	7.9	68	83	69	86	45	65	14. Orissa
6.7	7.7	5.2	6.5	38	51	40	57	29	45	15. Punjab
6.8	7.7	5.6	6.9	61	74	67	82	34	51	16. Rajasthan
7.8	8.6	5.7	6.7	33	41	34	44	27	41	17. Tamil Nadu
8.7	9.5	6.1	7.4	69	77	72	82	49	58	18. Uttar Pradesh
5.9	6.6	6.1	7.1	34	43	35	45	24	39	West Bengal

Confidence limits of Death Rate and Infant Mortality Rate for smaller States and Union Territories have not been presented due to small sample size and very large variations between the Upper and Lower tolerance limits.

Smaller States

- 1. Arunachal Pradesh
- 2. Goa
- 3. Himachal Pradesh
- 4. Manipur
- 5. Meghalaya
- 6. Mizoram
- 7. Nagaland8. Sikkim
- 9. Tripura
- 10. Uttaranchal

Union Territories

- 1. Andaman & Nicobar Islands
- 2. Chandigarh
- 3. Dadra & Nagar Haveli
- 4. Daman & Diu
- 5. Lakshadweep
- 6. Pondicherry

Table 3: Death rate by sex and residence, 2005

India/States/ Union Territories		Total			Rural			Urban	
	Total	Male	Female	Total	Male	Female	Total	Male	Female
1	2	3	4	5	6	7	8	9	10
India	7.6	8.0	7.1	8.1	8.5	7.7	6.0	6.5	5.5
Bigger States									
Andhra Pradesh	7.3	7.7	6.9	7.9	8.4	7.4	5.9	6.1	5.7
2. Assam	8.7	9.3	7.9	9.2	9.8	8.5	5.6	6.6	4.6
3. Bihar	8.1	8.2	8.0	8.3	8.4	8.1	6.6	6.5	6.7
4. Chhattisgarh	8.1	8.6	7.6	8.4	8.7	8.0	6.9	8.2	5.6
5. Delhi	4.6	4.7	4.6	5.5	6.0	4.9	4.5	4.5	4.5
6. Gujarat	7.1	7.6	6.6	8.0	8.8	7.2	5.8	5.9	5.7
7. Haryana	6.7	7.0	6.3	7.0	7.4	6.5	5.8	5.8	5.8
8. Jammu & Kashmir	5.5	5.8	5.3	5.7	5.8	5.5	5.0	5.8	4.3
9. Jharkhand	7.9	7.9	7.8	8.4	8.3	8.5	5.7	6.4	4.9
10. Karnataka	7.1	7.6	6.6	7.9	8.3	7.5	5.6	6.3	4.9
11. Kerala	6.4	7.6	5.2	6.3	7.6	5.2	6.5	7.8	5.3
12. Madhya Pradesh	9.0	9.2	8.6	9.8	10.1	9.5	6.1	6.4	5.7
13. Maharashtra	6.7	7.4	5.9	7.4	8.3	6.5	5.7	6.2	5.1
14. Orissa	9.5	10.1	8.8	7. 4 9.9	10.5	9.2	7.0	7.2	6.8
15. Punjab	6.7	7.2	6.1	7.2	7.8	6.6	5.8	6.2	5.4
16. Rajasthan	7.0	7.2	6.9	7.2	7.8	7.2	6.2	6.5	5.9
=		8.0	6.7	8.2	8.7	7.2	6.2	7.1	5.4
	7.4 8.7	8.8	8.6	6.2 9.1	9.2	7.0 9.1	6.8	7.1	6.5
18. Uttar Pradesh19. West Bengal	6.4	7.0	5.7	6.3	6.8	5.7	6.6	7.5	5.6
1). West Bengui	0.1	7.0	3.7	0.5	0.0	5.,	0.0	7.5	3.0
Smaller States									
Arunachal Pradesh	5.0	5.3	4.6	5.5	5.8	5.2	2.8	3.3	2.3
2. Goa	7.1	8.1	6.1	8.9	9.9	8.0	5.8	6.8	4.9
3. Himachal Pradesh	6.9	7.6	6.1	7.1	7.9	6.4	4.7	5.3	4.0
4. Manipur	4.1	4.7	3.5	4.0	4.4	3.5	4.4	5.5	3.3
5. Meghalaya	7.5	8.9	6.2	7.9	9.1	6.7	6.0	8.3	3.7
6. Mizoram	5.1	6.0	4.2	6.2	6.7	5.6	4.1	5.3	2.9
7. Nagaland	3.8	4.4	3.2	4.0	4.8	3.1	3.1	2.6	3.7
8. Sikkim	5.1	5.7	4.5	5.2	5.6	4.7	4.8	6.2	3.3
9. Tripura	5.7	6.6	4.9	5.7	6.5	4.9	5.8	7.2	4.5
10. Uttaranchal	7.4	8.0	6.6	7.9	8.9	6.9	5.3	5.2	5.5
Union Territories									
Andaman & Nicobar Island	ds 4.7	5.3	3.9	5.3	5.6	5.0	3.6	4.9	2.1
2. Chandigarh	4.5	5.3	3.6	2.7	3.1	2.0	4.7	5.5	3.8
Dadra & Nagar Haveli	5.1	4.7	5.6	5.6	5.4	5.9	3.1	2.2	4.4
4. Daman & Diu	5.6	6.8	4.2	5.3	6.1	4.3	6.1	7.9	4.0
 Lakshadweep 	6.3	6.7	6.0	7.5	7.4	7.6	5.2	6.0	4.4
6. Pondicherry	7.1	8.7	5.6	8.0	9.5	6.4	6.7	8.2	5.2

Table 4: Infant mortality rate by sex and residence, 2005

Inc	lia/States/ Union Territories		Total			Rural			Urban Total Male	
		Total	Male	Female	Total	Male	Female		Male	Female
1		2	3	4	5	6	7	8	9	10
Ind	ia	58	56	61	64	62	66	40	37	43
Big	ger States									
1.	Andhra Pradesh	57	56	58	63	62	64	39	38	40
2.	Assam	68	66	69	71	69	72	39	36	43
3.	Bihar	61	60	62	62	61	63	47	45	50
4.	Chhattisgarh	63	63	64	65	65	66	52	49	55
5.	Delhi	35	33	37	44	50	36	33	30	37
6.	Gujarat	54	52	55	63	61	64	37	36	38
7.	Haryana	60	51	70	64	55	76	45	40	52
8.	Jammu & Kashmir	50	47	55	53	49	58	39	36	43
9.	Jharkhand	50	43	58	53	45	62	33	31	35
10.	Karnataka	50	48	51	54	54	55	39	37	42
11.	Kerala	14	14	15	15	15	16	12	11	14
12.	Madhya Pradesh	76	72	79	80	77	84	54	52	56
	Maharashtra	36	34	37	41	40	42	27	25	29
14.	Orissa	75	74	77	78	77	79	55	50	61
	Punjab	44	41	48	49	46	51	37	32	43
	Rajasthan	68	64	72	75	71	79	43	37	49
	Tamil Nadu	37	35	39	39	38	40	34	30	39
	Uttar Pradesh	73	71	75	77	75	79	54	53	55
	West Bengal	38	38	39	40	40	40	31	28	35
Sm	aller States									
1.	Arunachal Pradesh	37	29	46						
2.	Goa	16	14	17						
3.	Himachal Pradesh	49	47	51						
4.	Manipur	13	12	13						
5.	Meghalaya	49	48	51						
6.	Mizoram	20	18	22						
7.	Nagaland	18	19	18	Infant me	ortality ra	tes for small	lar States at	nd Union T	arritoriae ar
8.	Sikkim	30	29	31		•	rs period 20			
9.	Tripura	31	30	31		-	ie to inadequ			=
	Uttaranchal	42	37	48	-		ely for rural	-		-
Uni	on Territories									
1.	Andaman & Nicobar Islands	27	26	27						
2.	Chandigarh	19	17	22						
 3. 	Dadra & Nagar Haveli	42	42	43						
3. 4.	Daman & Diu	28	27	28						
4. 5.		22	23	28						
٥.	Lakshadweep Pondicherry	28	23 29	27						

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 & mortality indicators at the national and sub-national levels. Initiated on a pilot basis by the OFFICE OF THE REGISTRAR GENERAL, INDIA in a few selected states in 1964-65, it became fully operational during 1969-70 with about 3700 sample units. The field investigation consists of continuous enumeration of births and deaths in selected sample units by resident part time enumerators, generally anganwadi workers & teachers, and an independent survey every six months by SRS supervisors. The data obtained by these two independent functionaries 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 sample unit in rural areas is a village or a segment of it, if the village population is 2000 or more. In urban areas, the sampling unit is a census enumeration block with population ranging from 750 to 1000. The SRS sample is replaced every ten years based on the latest census frame. It had been a practice to stagger the replacement process over 2-3 years. However, the latest replacement has been carried out in one go. Effective from January 2004, this sample is based on the 2001 Census frame. At present, SRS is operational in 7,597 sample units (4,433 rural and 3,164 urban) spread across all States and Union territories and covers about 1.3 million households and 6.83 million population.

Number of sample units and population covered, India, States and Union Territories, 2005

India/States/ Union Territories	Nun	ber of sample	units	Popula	tion covered	(in'000)
	Total	Rural	Urban	Total	Rural	Urban
1	2	3	4	5	6	7
India	7,597	4,433	3,164	6,831	5006	1825
Bigger States						
1. Andhra Pradesh	375	235	140	394	310	84
2. Assam	300	90	210	195	85	109
3. Bihar	330	200	130	334	271	64
4. Chhattisgarh	130	40	90	99	39	59
5. Delhi	200	10	190	142	18	125
6. Gujarat	365	215	150	351	273	78
7. Haryana	210	100	110	202	130	72
8. Jammu & Kashmir	260	150	110	213	164	49
9. Jharkhand	170	60	110	112	58	54
10. Karnataka	480	330	150	431	352	79
11. Kerala	250	150	100	333	272	61
12. Madhya Pradesh	340	220	120	305	232	73
13. Maharashtra	485	250	235	398	269	129
14. Orissa	405	290	115	324	260	64
15. Punjab	250	150	100	235	170	65
16. Rajasthan	350	250	100	317	266	50
17. Tamil Nadu	465	250	215	448	320	128
18. Uttar Pradesh	500	350	150	537	440	97
19. West Bengal	555	310	245	555	401	154
Smaller States						
1. Arunachal Pradesh	60	45	15	30	20	10
2. Goa	85	43	42	76	55	22
3. Himachal Pradesh	190	140	50	92	66	26
4. Manipur	150	110	40	129	106	23
5. Meghalaya	120	90	30	61	45	16
6. Mizoram	40	20	20	29	17	13
7. Nagaland	45	33	12	36	29	7
8. Sikkim	60	45	15	57	48	9
9. Tripura	80	60	20	102	91	11
10. Uttaranchal	150	100	50	108	78	29
Union Territories						
1. Andaman & Nicobar Islands	50	34	16	33	24	9
2. Chandigarh	35	5	30	30	9	21
3. Dadra & Nagar Haveli	30	22	8	37	32	5
4. Daman & Diu	20	13	7	26	22	4
5. Lakshadweep	12	6	6	14	10	4
6. Pondicherry	50	17	33	44	24	20

Note: 1. Population figures exclude that of 3 rural units of West Bengal, 1 urban unit of Jharkhand, 2 rural units of Chhattisgarh, 1 rural unit of Maharashtra, and 4 rural units of Andaman & Nicobar Islands due to non-receipt of returns.

^{2. &#}x27;Total' population may not add up to 'Rural' and 'Urban' population due to rounding.