



GOVERNMENT OF CHHATTISGARH

**ANNUAL VITAL
STATISTICS
2011**



**VITAL STATISTICS DIVISION
DIRECTORATE OF ECONOMICS AND STATISTICS
CHHATTISGARH
&
OFFICE OF THE CHIEF REGISTRAR
(BIRTH & DEATHS)**

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SUMMARY OF ANNUAL VITAL STATISTICS 2011

The following are the main highlights of the "Annual Report on vital statistics" in Chhattisgarh 2011".

A. PRIME VITAL INDICATORS:

1. **Birth Rate:** The birth rate worked out to **17.15** per thousand Populations during 2011 as against 15.73 for the year 2010.
2. **Death Rate:** The Death Rate per thousand of population worked out to **5.89** during 2011 as against 5.77 in 2010.
3. **Infant Mortality Rate:** The infant mortality rate per thousand live births **8.12** was during 2011 as against 6.43 during 2010.

B. BIRTH REGISTRATION: The brief profile of birth registration is as under.

1. The total number of births registered during 2011 was 334288 as against 315082 during 2010.
2. Average number of births per day in Chhattisgarh worked out to 916 in 2011 as against 863 in 2010.
3. Of the total births registered 174589 (**52%**) were male and 159699 (**48%**) female.
4. Out of the total births 160565 (**48%**) were institutional and 173552 (**52%**) were domiciliary in nature.
5. 54% of births were registered in rural area and 46% in urban area in Chhattisgarh.

C. DEATH REGISTRATION: The brief profile of death registration is as under.

1. In Chhattisgarh, 114842 deaths were registered during 2011 as compared to 115544 deaths registered during 2010.
2. Out of the total deaths registered 67651 (**59%**) were male and 47191 (**41%**) female.
3. 29% of the total deaths were reported by the medical institutions and the remaining 71% were domiciliary deaths during 2011.
4. Out of total 114842 deaths registered during the year 2011 the infant deaths were 2716.

TABLE - 1

DISTRICTWISE VITAL STATISTICS OF CHHATTISGARH FOR THE YEAR 2011

S. No	NAME OF DISTRICTS	RU RAL/URBAN	POPULATION CENSUS 2011	MID-YEAR ESTIMATED POPULATION - 2011	NO. OF REGISTRATIONS		NO. OF MONTHLY RETURNS DUE		NO. OF MONTHLY RETURNS NOT RECEIVED		PROPORTION MONTHLY RETURNS NOT RECEIVED (Col 8/7*100)	
					UNIT	Sub UNITS	FROM UNITS	FROM Sub	FRO M	FROM Sub	FROM UNITS	FROM Sub UNITS
					6	7	8	9	10	11	12	13
1	KORIYA	R	453476	455	5	236	60	2832	0	0	0.00	0.00
		U	205563	207	7	0	84	0	0	0	0.00	0.00
		T	659039	662	12	236	144	2832	0	0	0.00	0.00
2	SARGUJA	R	2116312	2127	19	1089	228	13068	0	7551	0.00	57.78
		U	245017	251	14	0	168	0	25	0	14.88	0.00
		T	2361329	2377	33	1089	396	13068	25	7551	14.88	57.78
3	JASHPUR	R	776017	778	8	411	96	4932	36	4035	37.50	81.81
		U	76026	79	4	0	48	0	12	0	25.00	0.00
		T	852043	856	12	411	144	4932	48	4035	25.00	81.81
4	RAIGARH	R	1247346	1253	9	705	108	8460	0	0	0.00	0.00
		U	246281	250	10	0	120	0	0	0	0.00	0.00
		T	1493627	1503	19	705	228	8460	0	0	0.00	0.00
5	KORBA	R	760360	765	5	352	60	4224	0	1646	0.00	38.97
		U	446203	449	5	0	60	0	0	0	0.00	0.00
		T	1206563	1214	10	352	120	4224	0	1646	0.00	38.97
6	JANJGIR-CHAMPA	R	1395433	1404	9	576	108	6912	0	0	0.00	0.00
		U	225199	229	15	0	180	0	0	0	0.00	0.00
		T	1620632	1633	24	576	288	6912	0	0	0.00	0.00
7	BILASPUR	R	1983255	2004	10	858	120	10296	0	2172	0.00	21.10
		U	678822	688	17	0	204	0	10	0	4.90	0.00
		T	2662077	2692	27	858	324	10296	10	2172	4.90	21.10
8	KAWARDHA	R	734894	744	4	367	48	4404	0	648	0.00	14.71
		U	87345	90	6	0	72	0	0	0	0.00	0.00
		T	822239	833	10	367	120	4404	0	648	0.00	14.71
9	RAJNANDGAON	R	1264980	1274	9	695	108	8340	0	0	0.00	0.00
		U	272540	274	8	0	96	0	0	0	0.00	0.00
		T	1537520	1548	17	695	204	8340	0	0	0.00	0.00
10	DURG	R	2058958	2072	12	994	144	11928	0	959	0.00	8.04
		U	1284121	1293	27	0	324	0	17	0	5.25	0.00
		T	3343079	3364	39	994	468	11928	17	959	5.25	8.04
11	RAIPUR	R	2579933	2600	15	1197	180	14364	4	5498	2.22	38.28
		U	1482227	1513	22	0	264	0	17	0	6.44	0.00
		T	4062160	4109	37	1197	444	14364	21	5498	6.44	38.28
12	MAHASMUND	R	912166	918	5	491	60	5892	0	0	0.00	0.00
		U	120109	121	6	0	72	0	0	0	0.00	0.00
		T	1032275	1039	11	491	132	5892	0	0	0.00	0.00
13	DHAMTARI	R	650045	651	4	333	48	3996	0	2962	0.00	74.12
		U	149154	152	6	0	72	0	0	0	0.00	0.00
		T	799199	803	10	333	120	3996	0	2962	11.11	72.17
14	KANKER	R	671834	674	7	386	84	4632	0	2871	0.00	61.98
		U	76759	80	6	0	72	0	0	0	0.00	0.00
		T	748593	752	13	386	156	4632	0	2871	0.00	61.98
15	BASTAR	R	1218316	1224	12	583	144	6996	0	0	0.00	0.00
		U	193328	196	6	0	72	0	0	0	0.00	0.00
		T	1411644	1420	18	583	216	6996	0	0	0.00	0.00
16	DANTEWADA	R	436655	437	7	246	84	2952	0	0	0.00	0.00
		U	96136	99	5	0	60	0	0	0	0.00	0.00
		T	532791	535	12	246	144	2952	0	0	0.00	0.00
17	NARAYNAPUR	R	118087	118	2	69	24	828	0	0	0.00	0.00
		U	22119	22	1	0	12	0	0	0	0.00	0.00
		T	140206	141	3	69	36	828	0	0	0.00	0.00
18	BIJAPUR	R	225591	225	4	157	48	1884	0	0	0.00	0.00
		U	29589	30	1	0	12	0	0	0	0.00	0.00
		T	255180	256	5	157	60	1884	0	0	0.00	0.00
CHHATTISGARH	R	19603658	19720	146	9745	1752	116940	40	28342	2.28	24.24	
	U	5936538	6019	166	0	1992	0	81	0	4.07	0.00	
	T	25540196	25733	312	9745	3744	116940	121	28342	3.23	24.24	

TABLE - 2

**DISTRICTWISE NUMBER OF BIRTHS, DEATHS , INFANT DEATHS, MATERNAL DEATHS AND STILL BIRTHS
REGISTERED (BY SEX) IN CHHATTISGARH
DURING THE YEAR - 2011**

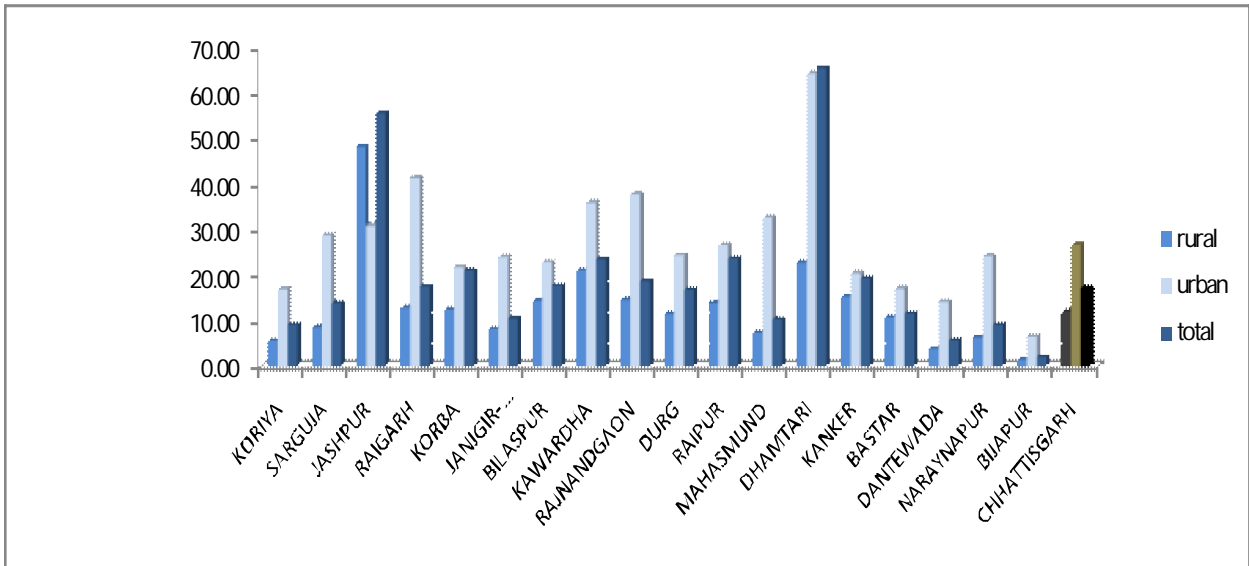
SL. NO.	NAME OF DISTRICTS	RURAL / UR	LIVE BIRTH			DEATHS			INFANT DEATHS	MATERNAL DEATHS	STILL BIRTHS
			MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1	KORIYA	R	1385	1185	2570	795	645	1440	15	15	1
		U	1898	1607	3505	868	678	1546	16	13	0
		T	3283	2792	6075	1663	1323	2986	31	28	1
2	SARGUJA	R	4104	3556	7660	2494	1965	4459	53	20	0
		U	3150	3025	6175	1036	1069	2105	20	6	0
		T	7254	6581	13835	3530	3034	6564	73	26	0
3	JASHPUR	R	3308	3517	6825	1551	1092	2643	103	6	107
		U	902	930	1832	287	172	459	2	0	0
		T	4210	4447	8657	1838	1264	3102	105	6	107
4	RAIGARH	R	8273	7775	16048	4614	3897	8511	7	0	17
		U	5463	4859	10322	1508	938	2446	385	0	23
		T	13736	12634	26370	6122	4835	10957	392	0	40
5	KORBA	R	3038	2801	5839	1507	961	2468	27	6	0
		U	5273	4520	9793	1468	798	2266	0	0	0
		T	8311	7321	15632	2975	1759	4734	27	6	0
6	JANJGIR-CHAMPA	R	6161	5540	11701	2857	1950	4807	12	3	10
		U	2889	2602	5491	1014	604	1618	2	14	80
		T	9050	8142	17192	3871	2554	6425	14	17	90
7	BILASPUR	R	12277	10426	22703	4507	3403	7910	0	0	2
		U	7972	6992	14964	2303	1423	3726	3	0	0
		T	20249	17418	37667	6810	4826	11636	3	0	2
8	KAWARDHA	R	6869	6574	13443	1413	1095	2508	118	2	33
		U	1721	1516	3237	348	169	517	2	0	61
		T	8590	8090	16680	1761	1264	3025	120	2	94
9	RAJNANDGAON	R	9591	9005	18596	3529	2482	6011	19	2	29
		U	5377	4995	10372	1571	1042	2613	209	0	43
		T	14968	14000	28968	5100	3524	8624	228	2	72
10	DURG	R	11608	10431	22039	4635	3535	8170	0	0	85
		U	15728	14132	29860	6315	3756	10071	1229	95	0
		T	27336	24563	51899	10950	7291	18241	1229	95	85
11	RAIPUR	R	11532	10658	22190	4511	3354	7865	15	0	39
		U	19913	17799	37712	6238	3460	9698	77	13	17
		T	31445	28457	59902	10749	6814	17563	92	13	56
12	MAHASMUND	R	3491	3313	6804	1478	1185	2663	11	0	0
		U	2082	1868	3950	558	352	910	12	0	78
		T	5573	5181	10754	2036	1537	3573	23	0	78
13	DHAMTARI	R	1968	1863	3831	916	622	1538	7	2	7
		U	4871	4900	9771	948	723	1671	94	0	127
		T	6839	6763	13602	1864	1345	3209	101	2	134
14	KANKER	R	2005	1905	3910	1055	845	1900	70	25	24
		U	855	792	1647	310	217	527	8	3	15
		T	2860	2697	5557	1365	1062	2427	78	28	39
15	BASTAR	R	6739	6542	13281	3548	2576	6124	26	4	30
		U	1705	1643	3348	1172	662	1834	0	0	0
		T	8444	8185	16629	4720	3238	7958	26	4	30
16	DANTEWADA	R	810	846	1656	958	696	1654	60	36	7
		U	717	681	1398	327	130	457	20	3	4
		T	1527	1527	3054	1285	826	2111	80	39	11
17	NARAYNAPUR	R	373	372	745	606	455	1061	73	23	0
		U	289	246	535	95	54	149	6	0	22
		T	662	618	1280	701	509	1210	79	23	22
18	BIJAPUR	R	163	179	342	245	160	405	15	3	1
		U	89	104	193	66	26	92	0	0	0
		T	252	283	535	311	186	497	15	3	1
CHHATTISGARH	R	93695	86488	180183	41219	30918	72137	631	147	392	
	U	80894	73211	154105	26432	16273	42705	2085	147	470	
	T	174589	159699	334288	67651	47191	114842	2716	294	862	

TABLE - 3
DISTRICTWISE VITAL RATES OF CHHATTISGARH
FOR THE YEAR 2011
(RURAL / URBAN)

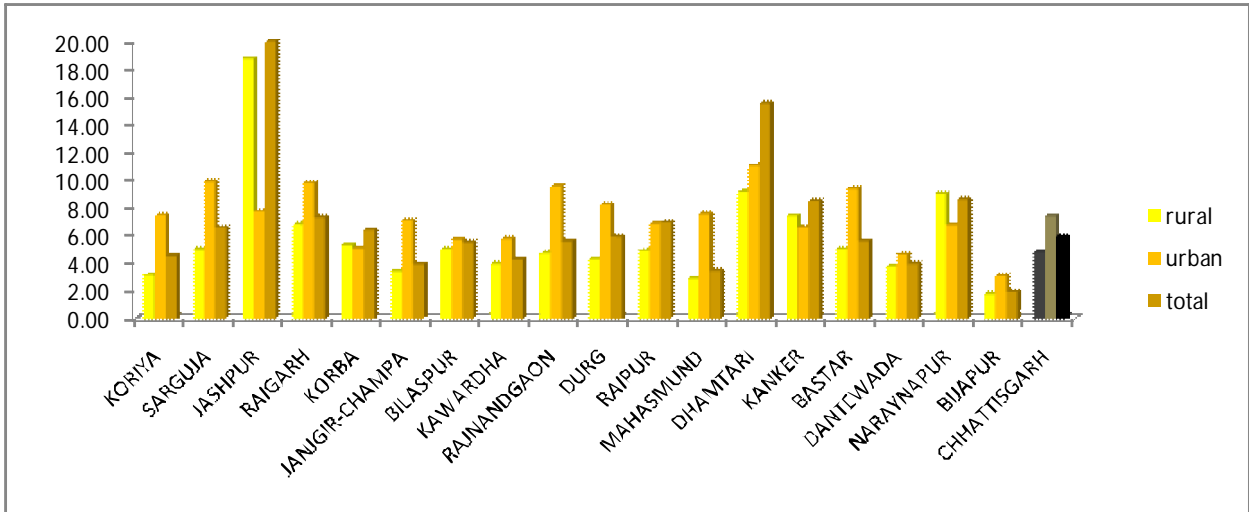
SL.N O.	NAME OF DISTRICTS	BIRTH RATE			DEATH RATE			INFANT DEATH RATE		
		RURAL	URBAN	Total	RURAL	URBAN	Total	RURAL	URBAN	Total
1	2	3	4	5	6	7	8	9	10	11
1	KORIYA	5.65	16.95	9.18	3.16	7.48	4.51	5.84	4.56	5.10
2	SARGUJA	8.53	28.85	13.79	4.97	9.84	6.54	6.92	3.24	5.28
3	JASHPUR	48.21	30.87	55.59	18.67	7.74	19.92	15.09	1.09	12.13
4	RAIGARH	12.81	41.29	17.55	6.79	9.78	7.29	0.44	37.30	14.87
5	KORBA	12.51	21.79	21.09	5.29	5.04	6.39	4.62	0.00	1.73
6	JANJIR- CHAMPA	8.33	23.94	10.53	3.42	7.06	3.93	1.03	0.36	0.81
7	BILASPUR	14.36	22.88	17.74	5.00	5.70	5.48	0.00	0.20	0.08
8	KAWARDHA	21.19	35.93	23.47	3.95	5.74	4.26	8.78	0.62	7.19
9	RAJNANDGAON	14.60	37.83	18.72	4.72	9.53	5.57	1.02	20.15	7.87
10	DURG	11.57	24.38	16.78	4.29	8.22	5.90	0.00	41.16	23.68
11	RAIPUR	13.83	26.65	23.62	4.90	6.85	6.92	0.68	2.04	1.54
12	MAHASMUND	7.41	32.64	10.35	2.90	7.52	3.44	1.62	3.04	2.14
13	DHAMTARI	22.73	64.24	65.49	9.13	10.99	15.45	1.83	9.62	7.43
14	KANKER	15.27	20.47	19.43	7.42	6.55	8.49	17.90	4.86	14.04
15	BASTER	10.85	17.04	11.71	5.00	9.34	5.60	1.96	0.00	1.56
16	DANTEWADA	3.79	14.14	5.71	3.78	4.62	3.95	36.23	14.31	26.20
17	NARAYNAPUR	6.31	24.20	9.07	8.98	6.74	8.57	97.99	11.21	61.72
18	BJAPUR	1.52	6.52	2.09	1.80	3.11	1.94	43.86	0.00	28.04
CHHATTISGARH		12.06	26.69	17.15	4.83	7.40	5.89	3.50	13.53	8.12

NOTE:VITAL RATES ARE CACLUATED ON THE BASIS OF REGISTRATIONS OF EVENTS ONLY AND THE MID YEAR POPULATION IS ADJUSTED ACCORDING TO PROPORTION RETURNS NOT RECEIVED

Birth rates of all 18 Districts and Chhattisgarh



Death rates of all 18 Districts and Chhattisgarh



Infant Death rates of all 18 Districts and Chhattisgarh

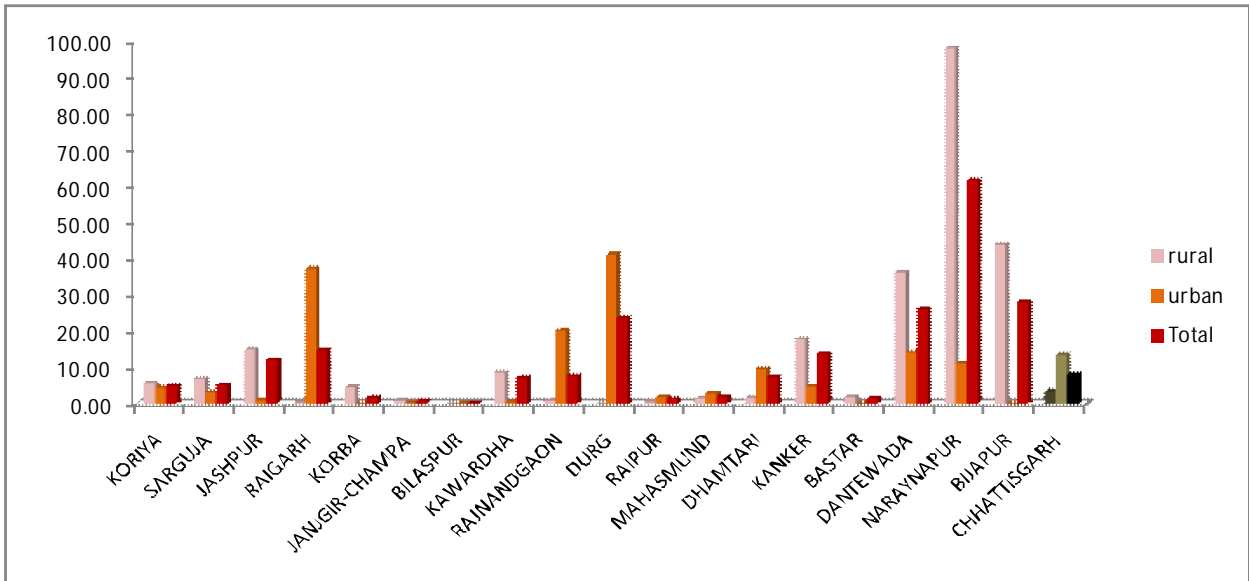


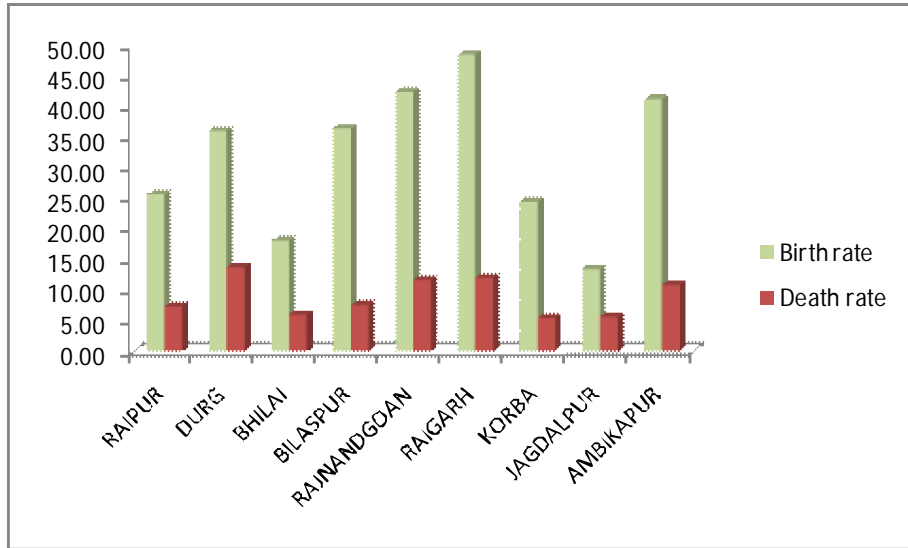
TABLE - 4
NUMBER OF BIRTHS, DEATHS , INFANT DEATHS, MATERNAL DEATHS AND STILL
BIRTHS REGISTERED IN CHHATTISGARH DURING THE YEAR - 2011

(For cities with population one lakh and above)

SL. NO.	NAME OF CITIES	Popula tion 2011	MID YEAR POPU LATIO N (in thousa nds)	LIVE BIRTH S	DEAT HS	INFAN T DEAT HS	MATE RNAL DEAT HS	BIRTH RATE	DEAT H RATE	MATE RNAL DEAT H RATE (in thousa nds)	INFAN T DEAT H RATE (in thousa nds)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1	RAIPUR	1010087	1031	26344	7571	48	10	25.56	7.34	0.38	1.82
2	DURG	268679	270	9722	3708	141	25	35.95	13.71	2.57	14.50
3	BHILAI	625697	630	11401	3805	1041	70	18.10	6.04	6.14	91.31
4	BILASPUR	330106	334	12152	2523	3	0	36.33	7.54	0.00	0.25
5	RAJNANDGOAN	163122	164	6939	1925	206	0	42.29	11.73	0.00	29.69
6	RAIGARH	137097	139	6734	1672	373	0	48.39	12.01	0.00	55.39
7	KORBA	363210	366	8920	2011	0	0	24.38	5.50	0.00	0.00
8	JAGDALPUR	125345	127	1709	721	0	0	13.42	5.66	0.00	0.00
9	AMBIKAPUR	114575	118	4840	1280	20	6	41.16	10.89	1.24	4.13

Note : Mid year population and vital rates are calculated on the basis of growth rates of districts given in Rural and Urban census 2011

Birth and Death rates for cities with population one lakh and above



Maternal Death rate and Infant Death rates for cities with population one lakh and above

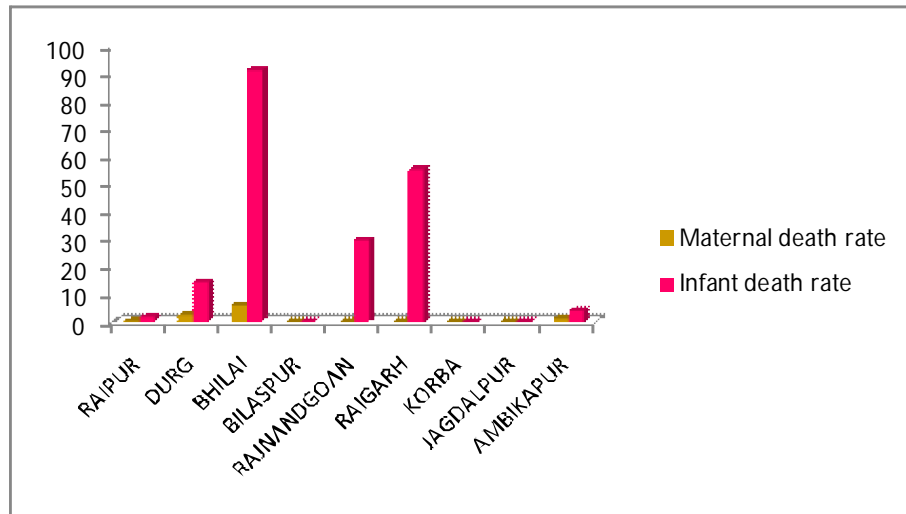


TABLE-5

MONTHWISE VITAL STATISTICS OF CHHATTISGARH (BY SEX) DURING THE YEAR 2011 (RURAL/URBAN)

SL NO.	MONTH	NUMBER OF LIVE BIRTHS												NUMBER OF DEATHS						NUMBER OF		
		RURAL			URBAN			TOTAL			RURAL			URBAN			TOTAL			RURAL	URBAN	TOTAL
		MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	JANUARY	7629	7048	14677	6258	5543	11801	13887	12591	26478	3584	2549	6133	2351	1305	3656	5935	3854	9789	66	111	177
2	FEBRUARY	6260	5865	12125	5608	4765	10373	11868	10630	22498	3136	2245	5381	1923	1179	3102	5059	3424	8483	49	249	298
3	MARCH	6558	5935	12493	6202	5637	11839	12760	11572	24332	3058	2105	5163	2236	1353	3589	5294	3458	8752	51	74	125
4	APRIL	6732	6230	12962	6092	5485	11577	12824	11715	24539	2815	1924	4739	1833	1115	2948	4648	3039	7687	55	472	527
5	MAY	6840	6379	13219	6279	5775	12054	13119	12154	25273	3076	2320	5396	1747	1033	2780	4823	3353	8176	56	130	186
6	JUNE	6422	6021	12443	6544	5790	12334	12966	11811	24777	2799	2067	4866	1856	1081	2937	4655	3148	7803	41	164	205
7	JULY	8322	7549	15871	7177	6566	13743	15499	14115	29614	3087	2410	5497	1980	1159	3139	5067	3569	8636	54	187	241
8	AUGASI	7997	7154	15151	7065	6174	13239	15062	13328	28390	3342	2605	5947	2045	1345	3390	5387	3950	9337	61	59	120
9	SEPTEMBER	8039	7340	15379	6249	5755	12004	14288	13095	27383	3400	2691	6091	2485	1530	4015	5885	4221	10106	51	179	230
10	OCTOBER	8239	7495	15734	7053	6321	13374	15292	13816	29108	3154	2444	5598	1974	1389	3363	5128	3833	8961	43	174	217
11	NOVEMBER	8554	8016	16570	7800	7518	15318	16354	15534	31888	3509	2680	6189	2649	1771	4420	6158	4451	10609	48	139	187
12	DECEMBER	12103	11456	23559	8567	7882	16449	20670	19338	40008	6259	4878	11137	3353	2013	5366	9612	6891	16503	56	147	203

TABLE - 6(A)

DISTRICT WISE CLASSIFICATION OF REGISTERED BIRTH OF CHHATTISGARH DURING 2011 BY SEX, DURATION OF TIME AND PLACE OF BIRTHS (URBAN/RURAL)

SL.N O.	NAME OF DISTRICTS	RU RA L/U RB AN	CLASSIFICATION OF REGISTERED BIRTH					PLACE OF REGISTERED BIRTH				
			REGISTE RED WITHIN ONE YEAR FROM BIRTH	REGISTE RED AFTER ONE YEAR FROM BIRTH	TOTAL	MALE	FEMALE	TOTAL	HOSPITA L/INSTIT UTE	HOME	OTHER PLACES	TOTAL
1	KORIYA	R	2525	45	2570	1385	1185	2570	956	1614	0	2570
		U	3376	129	3505	1898	1607	3505	2061	1444	0	3505
		T	5901	174	6075	3283	2792	6075	3017	1614	0	6075
2	SARGUJA	R	7660	0	7660	4104	3556	7660	1585	6072	3	7660
		U	6175	0	6175	3150	3025	6175	4818	1357	0	6175
		T	13835	0	13835	7254	6581	13835	6403	7429	3	13835
3	JASHPUR	R	4502	2323	6825	3308	3517	6825	2643	4180	2	6825
		U	1689	143	1832	902	930	1832	1518	314	0	1832
		T	6191	2466	8657	4210	4447	8657	4161	4494	2	8657
4	RAIGARH	R	16041	7	16048	8273	7775	16048	249	15799	0	16048
		U	10023	299	10322	5463	4859	10322	9104	1218	0	10322
		T	26064	306	26370	13736	12634	26370	9353	17017	0	26370
5	KORBA	R	5816	23	5839	3038	2801	5839	3566	2264	9	5839
		U	9528	265	9793	5273	4520	9793	8468	1323	2	9793
		T	15344	288	15632	8311	7321	15632	12034	3587	11	15632
6	JANJGIR-CHAMPA	R	11663	38	11701	6161	5540	11701	814	10863	24	11701
		U	4784	707	5491	2889	2602	5491	3415	2076	0	5491
		T	16447	745	17192	9050	8142	17192	4229	12939	24	17192
7	BILASPUR	R	22478	225	22703	12277	10426	22703	20705	1998	0	22703
		U	13253	1711	14964	7972	6992	14964	9160	5788	16	14964
		T	35731	1936	37667	20249	17418	37667	29865	7786	16	37667
8	KAWARDHA	R	13387	56	13443	6869	6574	13443	2098	11335	10	13443
		U	2919	318	3237	1721	1516	3237	2026	1211	0	3237
		T	16306	374	16680	8590	8090	16680	4124	12546	10	16680
9	RAJNANDGAON	R	18477	119	18596	9591	9005	18596	4582	14014	0	18596
		U	9817	555	10372	5377	4995	10372	8163	2209	0	10372
		T	28294	674	28968	14968	14000	28968	12745	16223	0	28968
10	DURG	R	21217	822	22039	11608	10431	22039	3289	18726	24	22039
		U	22966	6894	29860	15728	14132	29860	19156	10700	4	29860
		T	44183	7716	51899	27336	24563	51899	22445	29426	28	51899
11	RAIPUR	R	22087	103	22190	11532	10658	22190	3231	18936	23	22190
		U	34719	2993	37712	19913	17799	37712	14980	22710	22	37712
		T	56806	3096	59902	31445	28457	59902	18211	41646	45	59902
12	MAHASAMUND	R	6717	87	6804	3491	3313	6804	699	6100	5	6804
		U	3552	398	3950	2082	1868	3950	2916	1034	0	3950
		T	10269	485	10754	5573	5181	10754	3615	7134	5	10754
13	DHAMTARI	R	1968	1863	3831	1968	1863	3831	1470	2361	0	3831
		U	4871	4900	9771	4871	4900	9771	9055	712	4	9771
		T	6839	6763	13602	6839	6763	13602	10525	3073	4	13602
14	KANKER	R	3875	35	3910	2005	1905	3910	2364	1546	0	3910
		U	1472	175	1647	855	792	1647	1167	480	0	1647
		T	5347	210	5557	2860	2697	5557	3531	2026	0	5557
15	BASTAR	R	12576	705	13281	6739	6542	13281	10578	2694	9	13281
		U	2976	372	3348	1705	1643	3348	2863	479	6	3348
		T	15552	1077	16629	8444	8185	16629	13441	3173	15	16629
16	DANTEWADA	R	1468	188	1656	810	846	1656	1203	446	7	1656
		U	1235	163	1398	717	681	1398	1035	362	1	1398
		T	2703	351	3054	1527	1527	3054	2238	808	8	3054
17	NARAYNAPUR	R	745	0	745	373	372	745	192	553	0	745
		U	535	0	535	289	246	535	317	218	0	535
		T	1280	0	1280	662	618	1280	509	771	0	1280
18	BJAPUR	R	333	9	342	163	179	342	39	303	0	342
		U	98	95	193	89	104	193	80	113	0	193
		T	431	104	535	252	283	535	119	416	0	535
CHHATTIGARH	R	173535	6648	180183	93695	86488	180183	60263	119804	116	180183	
	U	133988	20117	154105	80894	73211	154105	100302	53748	55	154105	
	T	307523	26765	334288	174589	159699	334288	160565	173552	171	334288	

TABLE - 6(B)
DISTRICT WISE CLASSIFICATION OF REGISTERED DEATH OF CHHATTISGARH
DURING 2011 BY SEX, DURATION OF TIME AND PLACE OF DEATHS

URBAN/RURAL												
SL.N O.	NAME OF DISTRICTS	R U R A L/ U	CLASSIFICATION OF REGISTERED DEATH					PLACE OF REGISTERED DEATH				
			REGIST ERED WITHIN ONE	REGIST ERED AFTER ONE	TOTAL	MALE	FEMALE	TOTAL	HOSPIT AL/INST ITUTE	HOME	OTHER PLACES	TOTAL
1	KORIYA	R	1050	390	1440	795	645	1440	515	925	0	1440
		U	1026	520	1546	868	678	1546	1234	312	0	1546
		T	2076	910	2986	1663	1323	2986	1749	1237	0	2986
2	SARGUJA	R	4459	0	4459	2494	1965	4459	785	3671	3	4459
		U	2105	0	2105	1036	1069	2105	1467	637	1	2105
		T	6564	0	6564	3530	3034	6564	2252	4308	4	6564
3	JASHPUR	R	2313	330	2643	1551	1092	2643	316	2324	3	2643
		U	441	18	459	287	172	459	233	226	0	459
		T	2754	348	3102	1838	1264	3102	549	2550	3	3102
4	RAIGARH	R	8511	0	8511	4614	3897	8511	21	8488	2	8511
		U	2401	45	2446	1508	938	2446	1344	1098	4	2446
		T	10912	45	10957	6122	4835	10957	1365	9586	6	10957
5	KORBA	R	1507	961	2468	1507	961	2468	195	2264	9	2468
		U	2001	265	2266	1468	798	2266	941	1323	2	2266
		T	3508	1226	4734	2975	1759	4734	1136	3587	11	4734
6	JANJGIR-CHAMPA	R	4774	33	4807	2857	1950	4807	166	4636	5	4807
		U	1384	234	1618	1014	604	1618	517	1095	6	1618
		T	6158	267	6425	3871	2554	6425	683	5731	11	6425
7	BILASPUR	R	7885	25	7910	4507	3403	7910	2	7906	2	7910
		U	3555	171	3726	2303	1423	3726	1054	2667	5	3726
		T	11440	196	11636	6810	4826	11636	1056	10573	7	11636
8	KAWARDHA	R	2491	17	2508	1413	1095	2508	54	2448	6	2508
		U	468	49	517	348	169	517	114	399	4	517
		T	2959	66	3025	1761	1264	3025	168	2847	10	3025
9	RAJNANDGAON	R	5982	29	6011	3529	2482	6011	277	5725	9	6011
		U	2532	81	2613	1571	1042	2613	1057	1554	2	2613
		T	8514	110	8624	5100	3524	8624	1334	7279	11	8624
10	DURG	R	7922	248	8170	4635	3535	8170	536	7631	3	8170
		U	9069	1002	10071	6315	3756	10071	6192	3872	7	10071
		T	16991	1250	18241	10950	7291	18241	6728	11503	10	18241
11	RAIPUR	R	7808	57	7865	4511	3354	7865	582	7281	2	7865
		U	9163	535	9698	6238	3460	9698	2231	7461	6	9698
		T	16971	592	17563	10749	6814	17563	2813	14742	8	17563
12	MAHASAMUND	R	2576	87	2663	1478	1185	2663	2563	100	0	2663
		U	512	398	910	558	352	910	520	390	0	910
		T	3088	485	3573	2036	1537	3573	3083	490	0	3573
13	DHAMTARI	R	1355	183	1538	916	622	1538	1138	400	0	1538
		U	871	800	1671	948	723	1671	961	710	0	1671
		T	2226	983	3209	1864	1345	3209	2099	1110	0	3209
14	KANKER	R	1876	24	1900	1055	845	1900	407	1493	0	1900
		U	496	31	527	310	217	527	317	210	0	527
		T	2372	55	2427	1365	1062	2427	724	1703	0	2427
15	BASTAR	R	3489	2635	6124	3548	2576	6124	3689	2430	5	6124
		U	1729	105	1834	1172	662	1834	1736	89	9	1834
		T	5218	2740	7958	4720	3238	7958	5425	2519	14	7958
16	DANTEWADA	R	1120	534	1654	958	696	1654	958	695	1	1654
		U	400	57	457	327	130	457	300	156	1	457
		T	1520	591	2111	1285	826	2111	1258	851	2	2111
17	NARAYNAPUR	R	1051	10	1061	606	455	1061	242	819	0	1061
		U	141	8	149	95	54	149	55	94	0	149
		T	1192	18	1210	701	509	1210	297	913	0	1210
18	BJAPUR	R	405	0	405	245	160	405	14	382	9	405
		U	83	9	92	66	26	92	31	59	2	92
		T	488	9	497	311	186	497	45	441	11	497
CHHATTIGARH	R	66574	5563	72137	41219	30918	72137	12460	59618	59	72137	
	U	38377	4328	42705	26432	16273	42705	20304	22352	49	42705	
	T	104951	9891	114842	67651	47191	114842	32764	81970	108	114842	

TABLE - 6 C

DISTRICT WISE CLASSIFICATION OF REGISTERED STILL BIRTH OF CHHATTISGARH DURING 2011 BY SEX, AND DURATION OF TIME AND PLACE OF STILL BIRTHS (URBAN/RURAL)

SL.N O.	NAME OF DISTRICTS	RUR AL/ URB AN	CLASSIFICATION OF REGISTERED STILLBIRTH THIS YEAR						
			MALE	FEMALE	TOTAL	HOSPITAL / INSTITUT	HOME	OTHER PLACES	TOTAL
1	KORIYA	R	0	1	1	1	0	0	1
		U	0	0	0	0	0	0	0
		T	0	1	1	1	0	0	1
2	SARGUJA	R	0	0	0	0	0	0	0
		U	0	0	0	0	0	0	0
		T	0	0	0	0	0	0	0
3	JASHPUR	R	61	46	107	105	2	0	107
		U	0	0	0	0	0	0	0
		T	61	46	107	105	2	0	107
4	RAIGARH	R	10	7	17	12	5	0	17
		U	14	9	23	23	0	0	23
		T	24	16	40	35	5	0	40
5	KORBA	R	0	0	0	0	0	0	0
		U	0	0	0	0	0	0	0
		T	0	0	0	0	0	0	0
6	JANJGIR-CHAMPA	R	5	5	10	10	0	0	10
		U	45	35	80	80	0	0	80
		T	50	40	90	90	0	0	90
7	BILASPUR	R	1	1	2	0	2	0	2
		U	0	0	0	0	0	0	0
		T	1	1	2	0	0	0	0
8	KAWARDHA	R	18	15	33	4	29	0	33
		U	33	28	61	61	0	0	61
		T	51	43	94	65	29	0	94
9	RAJNANDGAON	R	15	14	29	6	23	0	29
		U	23	20	43	41	2	0	43
		T	38	34	72	47	25	0	72
10	DURG	R	54	31	85	60	25	0	85
		U	0	0	0	0	0	0	0
		T	54	31	85	60	25	0	85
11	RAIPUR	R	24	15	39	39	0	0	39
		U	13	4	17	4	13	0	17
		T	37	19	56	43	13	0	56
12	MAHASAMUND	R	0	0	0	0	0	0	0
		U	40	38	78	78	0	0	78
		T	40	38	78	78	0	0	78
13	DHAMTARI	R	3	4	7	4	3	0	7
		U	64	63	127	127	0	0	127
		T	67	67	134	131	3	0	134
14	KANKER	R	13	11	24	7	17	0	24
		U	9	6	15	5	10	0	15
		T	22	17	39	12	27	0	39
15	BASTAR	R	17	13	30	10	18	2	30
		U	0	0	0	0	0	0	0
		T	17	13	30	10	18	2	30
16	DANTEWADA	R	4	3	7	3	3	1	7
		U	2	2	4	2	2	0	4
		T	6	5	11	5	5	1	11
17	NARAYNAPUR	R	0	0	0	0	0	0	0
		U	14	8	22	20	2	0	22
		T	14	8	22	20	2	0	22
18	BIJAPUR	R	1	0	1	0	1	0	1
		U	0	0	0	0	0	0	0
		T	1	0	1	0	1	0	1
CHHATTIGARH		R	226	166	392	261	128	3	392
		U	257	213	470	441	29	0	470
		T	483	379	862	702	157	3	862

DISTRICTWISE VITAL RATES OF CHHATTISGARH

DISTRICT	KORIYA			SARGUJA			JASHPUR			RAIGARH			KORBA			JANUGIR-CHAMPA			BILASPUUR			KAWARDHA			RAJNANDGOAN			DURG		
	BIRTH RATE	DEATH RATE	INFANT MORTALITY	BIRTH RATE	DEATH RATE	INFANT MORTALITY	BIRTH RATE	DEATH RATE	INFANT MORTALITY	BIRTH RATE	DEATH RATE	INFANT MORTALITY	BIRTH RATE	DEATH RATE	INFANT MORTALITY	BIRTH RATE	DEATH RATE	INFANT MORTALITY	BIRTH RATE	DEATH RATE	INFANT MORTALITY	BIRTH RATE	DEATH RATE	INFANT MORTALITY	BIRTH RATE	DEATH RATE	INFANT MORTALITY	BIRTH RATE	DEATH RATE	INFANT MORTALITY
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
2002	5.64	4.71	15.29	5.37	5.96	4.78	8.00	5.93	21.14	18.73	8.46	18.33	16.30	7.39	9.06	18.69	6.71	9.57	12.02	4.70	12.87	8.52	7.22	29.35	23.00	7.75	30.37	21.89	6.28	13.81
2003	5.96	4.85	15.29	6.28	5.18	14.78	7.74	5.81	23.18	15.74	8.35	20.11	10.19	5.50	12.01	17.61	7.17	13.71	19.10	7.04	4.73	25.30	6.85	24.67	22.20	8.54	29.41	18.18	4.69	79.26
2004	11.67	4.60	8.89	6.38	5.15	8.74	8.06	6.24	50.74	15.59	7.01	22.27	11.53	5.65	13.77	18.85	6.59	11.63	17.76	5.88	3.25	26.44	6.57	20.96	14.62	7.32	37.63	18.81	5.11	64.57
2005	8.95	4.70	9.18	11.76	5.92	3.91	11.92	5.64	13.26	14.05	7.68	27.72	16.96	6.55	23.02	20.88	7.92	9.84	18.83	5.86	1.85	26.80	6.71	21.41	23.22	7.44	18.48	22.80	6.04	34.78
2006	8.97	3.96	5.05	6.57	4.40	2.93	11.66	5.88	12.18	16.16	6.92	8.76	15.55	5.93	11.12	17.77	6.35	6.84	20.03	6.04	1.87	28.04	6.21	15.45	22.33	7.20	21.64	24.31	6.66	9.54
2007	12.82	8.18	8.90	7.01	4.93	8.22	8.77	4.29	14.75	14.77	8.15	32.99	12.69	5.92	4.91	16.29	6.60	6.92	18.20	6.43	5.44	24.39	6.45	12.50	19.55	7.31	21.80	27.07	8.03	11.33
2008	10.83	6.89	2.74	13.66	8.55	19.92	12.20	4.94	8.86	15.13	6.81	12.48	18.57	4.76	0.66	11.29	4.90	4.28	18.86	6.43	1.26	23.24	5.23	10.12	18.14	5.95	11.13	13.91	4.16	4.70
2009	5.96	2.93	7.73	6.61	3.50	12.98	17.99	6.83	13.64	14.49	7.28	23.58	17.47	5.00	1.19	10.27	4.24	1.22	19.58	6.78	0.75	21.30	4.66	5.43	18.92	6.38	9.75	15.99	5.47	9.31
2010	9.16	4.81	8.84	7.14	3.93	12.86	11.27	5.21	5.24	14.18	6.45	20.49	29.59	8.53	5.77	13.42	5.25	2.22	18.79	6.74	0.35	23.44	5.01	7.73	17.54	5.70	9.18	15.74	5.25	11.78

NOTE: VITAL RATES ARE CALCULATED ON THE BASIS OF REGISTRATIONS OF EVENTS ONLY AND THE MID YEAR POPULATION IS ADJUSTED ACCORDING TO PROPORTION OF MONTHLY RETURNS NOT RECEIVED

CONCEPTS & DEFINITIONS

Some important concepts used in this Annual Report are defined as follows:

1. **Birth:** “birth” means live-birth or still birth.
2. **Live Birth:** “live-birth” means the complete expulsion or extraction from its mother of a product of conception, irrespective of the duration of pregnancy, which after such expulsion or extraction, breathers or shows any other evidence of life, and each product of such birth is considered live-born.
3. **Still-Birth:** “still-birth” means foetal death where a product of conception has attained at least the prescribed period of gestation.
4. **Death:** “death” means the permanent disappearance of all evidence of life at any time after live-birth has taken place.
5. **Birth Rate:** Birth Rate acts as an index of the relative speed at which additions are being made to the population through child-birth.

It is only a live birth that signifies an addition to the existing population, excluding still births.

The annual birth rate is defined as:

$$\text{Birth rate} = \frac{\text{No of births in a year}}{\text{Adjusted Population}} \times 1000$$

6. **Death Rate:** The death rate for a given year tells us at what rate deaths have depleted the population over the course of the year.

The death rate, which measures the decrease in a population due to deaths, is perhaps the most widely used of any vital statistics rate because of its value as an index in numerous demographic & public health problems.

The Annual Death Rate is defined as :

$$\text{Death rate} = \frac{\text{No of deaths in a year}}{\text{Adjusted Population}} \times 1000$$

7. **Infant Mortality Rate:** Infant mortality rate serves as one of the best indices to the general “healthiness” of a society. It is similar to age-specific death rate for infants under 1 year of age.

The annual infant mortality rate is defined as :

$$\text{IMR} = \frac{\text{No of deaths under 1 year of age which occurred among the population}}{\text{No of live births which occurred among the population}}$$

8. Maternal Death Rate: Maternal death rate is defined as maternal deaths per thousand live births.

The maternal mortality rate is defined as :

$$M D R = \frac{\text{No of Maternal death}}{\text{No of live births}} \times 100$$

9. Mid Year Population:

Mid Year Population is defined as :

$$M Y P = \text{Population} + \frac{\text{Population} \times \text{growth rate in one year} \times \text{time duration}}{100}$$

10. Adjusted Population:

Adjusted Population is defined as :

$$\text{Adjusted Population} = M Y P \text{ (in thousands)} \times \frac{\text{Proportion of data received}}{\text{Data due to receive}} \times 100$$

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