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WEST BENGAL & SIKKIM

PART I-B

REPORT ON VITAL STATISTICS

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INTRODUCTION

IT IS impossible for a population census to analyse its statistics without endeavouring to deduce from the official registration figures some estimate of the birth and death rates prevailing in that population. In fact, if the registration of births and deaths were accurate it would be easy at any time to ascertain the population of a given tract, except in so far as it is affected by migration, by adding to the population ascertained at the previous census the number of births since recorded and deducting from it the number of deaths. In all census reports, my own not excluded, enough has been said to show that we cannot at present rely on the registration figures for accurate inter-censal estimates of the population and to stress the importance of the formation of a thoroughly trustworthy standard of accuracy in the record of vital statistics. Still, in rural areas the reporting agency is almost always the chowkidar, a low paid illiterate person, who submits his record of births and deaths (which is written up by the Panchayat Secretary or other literate person in the village) to the thana either himself or through the dafadar at his weekly parade. The chowkidar is frequently away from his beat on duty, assisting the police, mounting guard at camps, running errands to the Block Development Office, escorting touring officials or giving evidence in courts; and it is obvious that errors from omission in such cases must very frequently occur.

In spite of the admitted limitations of the data, the 1951 Census of West Bengal set a precedent in devoting a separate book of the census report to vital statistics. Two ends were primarily in view, firstly, "to focus public attention or the deplorable state of birth and death registration in our country" and, secondly, to underscore the fact that "the tables, while they are their own apology and although the crude figures they record must be largely fictitious, yet present a picture consistent within their framework, a logic of reality in spite of the figures being unreal".

The lead has been followed up in 1961. An important change that occurred in the decade was the transfer, in 1960, of vital statistics to the Registrar General, India, from the Director General, Health Services. The vital statistics wing has been placed under the charge of a Deputy Registrar General, with the responsibility of not only developing routine registration but also of supplementing vital statistics by appropriate field enquiries. It is through their association with these field enquiries that the State Census Offices now find themselves taking more interest in vital statistics than mere census taking would have warranted. At the time this publication was passing through the press the West Bengal Census Office, for example, had conducted a series of such enquiries, *viz.*, Pilot Survey of the extent of under registration, Survey of under registration through Sample Census, Continuous Sample Registration in Hooghly district, Sample Registration in a sub-sample of the sixth subround of the twenty-second round of the N. S. S., etc. A report

on the survey first mentioned is reproduced at Appendix V of this publication, because it may help the reader in forming an idea of the general deficiencies that the official statistics on births and deaths suffer from.

To speak of deficiencies, let it be said immediately, is not to point an accusing finger at any particular organisation because what Bourdillon had said in his census report of 1881 might as well be said today :

> The history of the collection of vital statistics in Bengal is the history of an unequal struggle maintained with insufficient means, and with not unfrequent changes of policy, by overworked officials against the apathy or the open hostility of the masses.

J. DATTA GUPTA

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NOTE

NOTE

At the instance of the Census Superintendent of West Bengal and Sikkim, 36 tables relating to vital statistics of the State of West Bengal for the period 1951-60 were compiled by the office of Vital Statistics of the Directorate of Health Services, West Bengal. These tables were prepared to compare with the similar tables already published in the previous Census Reports, thus making comparison possible for a period of 50 years (1911-1960). It is well known that the figures of births and deaths under the official Registration System are incomplete and deficient and therefore the limitations of these tables should be borne in mind in order to avoid misleading conclusions.

A brief account of the growth of population as traced through the vital statistics record of the State during the decade as well as the errors in registration of vital events together with the history of the development of vital statistics in West Bengal during 1951-62 is presented in this Report.

Population

The population of West Bengal in 1961 Census stands at 34,926, 279 and the population 1951 Census adjusted for the present boundaries of the State was 26,299,980.

The Census population of 1961 and 1951 after adjusting for the non-registration areas of the respective years were 34,913,402 and 26,272,224 respectively showing an apparent increase of 8,641,178 persons or 32.9 per cent over 1951 population.

Statement I gives in absolute figures the excess of registered births over deaths by districts of West Bengal during 1951-60.

STATEMENT I

Population as per Censuses 1951 and 1961, births and deaths by districts of West Bengal, 1951-60

State/District	Census Population 1961	Census Population 1951	Variation in 10 years	Live Births Registered 1951-60	Total Deaths Registered 1951-60	Excess of Births over Deaths	Col. 4—Col. 7	Col. 8 in percentage to Col. 4
1	2	3	4	5	6	7	8	9
WEST BENGAL	**34,913,402**	**26,272,224**	**8,641,178**	**6,276,996**	**2,593,931**	**3,683,065**	**4,958,113**	**57.4**
Darjeeling	624,640	459,617	165,023	119,092	59,463	59,629	105,394	63.9
Jalpaiguri	1,359,292	916,747	442,545	332,436	128,450	203,986	238,559	53.9
Cooch Behar	1,019,806	668,949	350,857	154,209(c)	53,287(c)	100,922	249,935	71.2(f)
West Dinajpur	1,323,797	976,882	346,915	229,715(b)	103,348(b)	126,367	220,548	63.6(f)
Malda	1,221,923	937,580	284,343	222,349	93,601	128,748	155,595	54.7
Murshidabad	2,290,010	1,715,759	574,251	514,655	184,339	330,316	243,935	42.5
Nadia	1,713,324	1,144,924	568,400	323,123	104,006	219,117	349,283	61.5
24-Parganas	6,280,915	4,459,492	1,821,423	759,538	334,356	425,182	1,396,241	76.7
Calcutta(e)	2,914,412	2,670,738	243,674	672,879	363,138	309,741	—66,066	—27.1
Howrah	2,038,477	1,611,373	427,104	261,578	151,977	109,601	317,5037	74.3
Hooghly	2,231,418	1,604,229	627,189	357,590(a)	129,491(a)	228,099	399,090	63.6(f)
Burdwan	3,082,846	2,191,667	891,179	534,541	200,194	334,347	556,832	62.5
Birbhum	1,446,158	1,066,889	379,269	359,308	137,061	222,247	157,022	41.4
Bankura	1,664,513	1,319,259	345,254	386,020	155,963	230,057	115,197	33.4
Midnapore	4,341,855	3,359,022	982,833	1,011,641	374,412	637,229	345,604	35.2
Purulia	1,360,016	1,169,097	190,919	38,322(d)	20,845(d)	17,477	173,442	90.8(f)

(a) Statistics of birth and death of Chandernagar Municipality included in the Hooghly District are not available for the year 1951-55.

(b) Birth and death figures for the Police Stations Chopra, Islampur, Karandighi and Goalpokhar transferred to West Dinajpur District are not available for the year 1951-56.

(c) Figures relate to the years 1953-60.

(d) Figures relate to the years 1957-60.

(e) Population figures are for the area under Registration.

(f) Ratios have been calculated after adjusting the populations on the basis of areas and period in respect of which birth and death figures are available.

It will reveal from the above Statement that natural increase in population due to excess of births over deaths during the decade was less than the difference between the population of 1951 and 1961 Censuses to an extent of 57.4 per cent. This figure showed the combined effect of migration as well as defect in registration of births and deaths during the period.

The percentages of increase in the population of the decades as traced through the vital statistical records were found to be 57 in 1931 Census, 62 in 1951 and 57.4 in 1961 showing that the registration of births and deaths did not reveal any marked improvement during the period from 1921 to 1961.

It may not be out of place to mention that the then Superintendent of Census Operations, West Bengal, remarked in the 'Census of India 1951, Volume VI, Part I-A—Report' that—"A provisional count taken during the house-numbering stage in November-December 1950 put the estimate for the State at 25,512,714. The final count turned out to be 24,810,308, revealing a deficit of 2.8 per cent from the house-list population." It appears that the difference between these 2 figures was 702,406 which is found to be quite a significant number. Apart from the question of reliability, if this figure is taken into account, the variation of population during the period from 1951 to 1961 will come to 7,938,772 which is greater than the difference between the census population and the natural increase to the extent of 4,255,707 or 53.6 per cent of the difference between census populations.

Errors in Registration of Vital Events

In order to determine the extent of under-registration, a pilot survey was conducted in the year 1948-49 and a similar pilot sample census of population as well as births and deaths was undertaken in 1959 and is still being continued under the name of "Model Health & Ideal Registration Unit" project. The percentages of omissions in the registration of births and deaths were found to be 49.3 for births and 42.6 for deaths during 1949 as against 63.4 for births and 57.1 for deaths during 1962 thus showing that the registration system had actually deteriorated during the last decade, although the areas of the above-mentioned 2 surveys were not identical.

STATEMENT II

Comparison between birth and death rates under the Official registration system and those estimated by survey conducted during 1949 and 1962.

Year	Census Population	Official Registration		Survey		Rate of natural increase based on survey	Estimated population in March by natural increase
		Birth rate	Death rate	Birth rate	Death rate		
1951	26,299,980	21.9	13.0	32.14	21.02	11.12	26,299,980
1952		23.1	10.8	33.01	20.28	12.73	26,592,436
1953		22.7	10.2	33.88	19.54	14.34	26,930,958
1954		23.0	9.3	34.75	18.80	15.95	27,317,148
1955		25.5	8.9	35.62	18.06	17.56	27,752,857
1956		25.2	8.7	36.49	17.32	19.17	28,240,197
1957		22.4	9.9	37.36	16.58	20.78	28,781,562
1958		22.4	9.3	38.23	15.84	22.39	29,379,643
1959		25.0	8.1	39.10	15.10	24.00	30,037,453
1960		19.0	7.5	39.97	14.36	25.61	30,758,352
1961	34,926,279	18.6	6.6	40.84	13.62	27.22	31,546,073

The birth and death rates during the period from 1951 to 1961 were estimated from the survey figures of the years 1949 and 1962 on the assumption of uniform variation during the period.

The birth rate increased from 32.14 in 1951 to 40.84 in 1961 while the death rate decreased from 21.02 in 1951 to 13.62 in 1962. It will be interesting to note that the decline in death rate was noticed under the official registration system although its magnitude is found to be almost half of the decline observed from the estimated death rate during the period. The birth rate under the official registration system, showed a decline while the estimated birth rate, on the contrary, showed an upward trend during the period. In fact, the birth rate under the official registration system rose from 21.9 during 1951 to 25.5 in 1955 and then came down to 18.6 in 1961. The difference of trends of birth and death rates with that of the estimated values might be due to difference of levels of errors in registration of births and deaths.

Statement II reveals that the increase in population during the decade was 5,246,093 by natural increase and 8,626,299 by actual enumeration showing the difference of 3,380,206 or 39.2 per cent over the actual increase during the decade.

A similar figure of 57.4 per cent was observed

when calculated from registered births and deaths in the State. It, therefore, appears that the overall error registration factor of births and deaths comes to about 18.2 per cent of the actual increase of population during the decade.

Births

The distribution of births by sex, year and districts during 1951-60 is shown in Table No. 2, while the birth rates are shown in Tables 3 and 4. There were about 627.7 thousands births per year during the period and of this nearly 326.5 thousands were male births and 301.2 female births. From Table 2, it follows that the number of births has steadily increased from 1951 to 1955-56 and has shown a slight decline in 1957, rising again to the maximum in 1959. The birth rates when analysed show that the birth rate of both sexes combined under the official registration system in vogue was 21.4. The birth rate for male per 1,000 of total population was 11.1 and that for female per 1,000 of total population was 10.3 against 12.3 for males and 11.7 for females during the decade 1941-50. The birth rate was highest in the district of Jalpaiguri showing an average of 29.4 per 1,000 of estimated total mid-year population the district occupying the second position in respect of high birth rate is Birbhum which showed a rate of 28.7 during the decade. The birth rate was lowest in Purulia, showing a rate of 7.3. But this exceedingly low rate is possibly due to heavy non-registration in the area. From Table 5 it follows that there were more male births than female births, there being on the average annually 108.4 male births per 100 of female births.

In this connection it is worth mentioning that instead of depicting actually an upward trend the official registration had shown a decline in the birth rate during the period, but this might be due to heavy irregularities in respect of deficiencies in the registration of births.

Deaths

Deaths by year, district, sex with their averages are given in Tables 6, 7 and 8. About 259.4 thousands deaths per year on an average occurred in the whole State during the decade 1951-60, 138.5 thousands being males and 120.9 thousands females thus yielding a death rate of 8.57 per *mille* on an average in the middle of each year against 20.3 per *mille* for the decade 1941-50. The average specific death rates for males and females during 1951-60 showed no difference in magnitude, as is evident from Table 8-B. The specific death rate (number of deaths per 1,000 of the same sex) was found to be greater for females than that for males for every year of the decade in the district of Calcutta, Jalpaiguri (except in 1957) and Darjeeling. The maximum deaths for the whole decade were registered in the district of Midnapore, Calcutta and 24-Parganas. The death rate for the whole of the State has been found to follow a steady downward trend from 11.99 per *mille* in 1951 to 7.63 per *mille* in 1956; the death rate, quite abruptly, had increased to 8.94 per *mille* in 1957 and then declined again and attaining its minimum in 1959. Calcutta showed the highest average death rate of 13.60 per *mille* during the decade 1951-60 and the districts following it were Jalpaiguri and Darjeeling, the average death rates in these districts being 11.24 and 11.05 per *mille* respectively. 24-Parganas recorded the lowest death rate during the decade, the other districts that may be mentioned in respect of low death rate are Purulia, Hooghly and Nadia.

It may be mentioned in this connection that the high death rate in Calcutta as compared to other districts of the State is due to better registration system in the city as well as to the registration of deaths of non-residents coming to Calcutta for treatment purposes while on the other hand, the low death rate in Purulia dist ict is possibly due to gross non-registration in the areas.

Deaths classified by Causes

Misreporting of the correct cause of death is rather an established feature and elimination of this defect is one of the most difficult tasks in Vital Statistical work. Recording of causes of death is still dependent on the fanciful prejudices of village Chowkidars or of the primary reporters as a very high proportion of deaths is either unattended or non-reported by qualified medical and paramedical personnel. Although some Investigations on small sample basis by specialised agencies have been conducted in order to estimate the prevalence rate of some specific diseases, reliable estimates have yet to be achieved. Table 13 presents deaths and their rates due to different causes. The average number of annual deaths by sex due to each major cause during the decade together with their rates and proportions are shown in Statement III.

It will appear that about 41 percent of total deaths is claimed by fevers. This simply goes to mean that actual diagnosis of the disease still suffers a great deal from inaccuracy. 8.2 per cent of total deaths goes under Respiratory Diseases other than T.B., 7.1 per cent under Dysentery and Diarrhoea & Enteric group of fevers, 6.6 per cent under Malaria, 2.6 per cent under T.B. of lungs, 2.3 per cent under Smallpox, 1.6 per cent under Cholera and 1.1 per cent under Child birth, thus depicting a total picture of the principal causes of death during the past decade.

The Cholera death rates for males and females have been found to be 0.13 and 0.16 per *mille* during the decade 1951-60. The rate was as high as 0.22 for males and 0.25 for females and showed general upward tendency till 1953, but it subsequently declined in 1954, showing a rate 0.07 for males and 0.08 for females, and then rose up, remaining almost constant for the years 1955 to 1956. The death rate went down in 1959 and showed no considerable change in 1960 also.

STATEMENT III

Average number of Annual deaths due to several causes with their rates and proportion to total deaths 1951–1960

Causes of death	Deaths		Rate		Proportion to total deaths (per thousand)		
	Male	Female	Male	Female	Male	Female	Total
Cholera	2,114	2,151	0.13	0.16	15.26	17.80	16.44
Fevers (a)	56,104	51,612	3.71	3.93	401.62	420.52	410.46
Smallpox	3,028	3,131	0.19	0.23	21.86	25.90	23.74
Plague	2	..	0.002	..	0.01	..	0.008
Dysentery & Diarrhoea & enteric group of fevers	9,402	9,001	0.60	0.66	67.87	74.47	70.95
Respiratory diseases other than T. B. of lungs	13,126	8,426	0.69	0.51	93.96	68.65	82.13
Suicide	700	669	0.04	0.05	5.05	5.54	5.28
Child birth	..	2,818	..	4.49	..	23.32	10.86
Malaria	9,050	8,040	0.58	0.59	65.33	66.52	65.88
Kala-azar	507	415	0.03	0.03	3.66	3.43	3.55
T.B. of lungs	4,567	2,238	0.29	0.16	32.97	12.52	26.24
Snake bites	839	710	0.05	0.05	6.06	5.87	5.97

(a) Relates to the period 1951-1958

Cholera is a disease peculiar to mankind and wherein lies its actual source of infection is still a mystery and what we can say about it is nothing but mere prediction or speculation. An interesting study on Cholera endemicity in West Bengal has been made in a Report entitled,"A study on Cholera Endemicity in West Bengal 1946-1960", Vital Statistics Special Report, July 1963 by the Vital Statistics Division of the Directorate of Health Services, West Bengal.

An extract from the conclusion of the report is given below :

> The present study is an attempt to review the situation and to find out the exact location of real endemic foci in West Bengal. Criteria of endemic and epidemic levels have been defined and the distribution of each of the Police Stations and Towns according to their respective endemic and epidemic levels has been shown. 13 Police Stations 14 Towns which were found to be highly endemic by late Dr. Swaroop, are still found to be endemic to the extent of above 50 percent and therefore, the endemicity of these areas is found to persist throughout the period during 1934-1960 thus necessitating proper preventive measures, while endemic behaviours of other areas have been changed during recent years. Moreover, it has been observed that epidemicity varies with endemicity as well as with the size of the population.

It will be seen that the epidemic levels as obtained by the definition of the Epidemic Diseases Act, compares fairly well with those as worked out in this paper. Further it has been observed that the periodicity of epidemics also varies with endemicity. Epidemic interval for low endemic regions is a little over 3 years but for high endemic regions, the interval goes below 1 year for the rural areas while it is maintained at over 2 years in urban areas however high the level of endemicity may be, thus raising the question whether greater epidemic interval as observed in the urban areas is due to larger protection afforded to the people or otherwise, needs further study for solution of the problem.

It will be seen that the districts of Calcutta, Howrah and 24-Parganas are the worst sufferers in respect of this disease and these are generally supposed to be the real endemic homes of Cholera. Death rate from Cholera is sufficiently low in the northern districts and quite reasonably so for the comparatively temperate climate in the region.

The death rate from Smallpox during the decade 1951-60, was 0.19 for males and 0.23 for females, while that during the decade 1941-50 was 0.4 for both males and females, thus showing the effectiveness of the Public Health measures after Independence. The rate was highest being 1.01 for males and 1.21 for females during 1951, and then followed a marked decline during the successive years.

The upward trend of the rate was noticed in 1951, but it subsequently declined in 1959 reaching a minimum of 0.02 in 1960. Howrah and Calcutta recorded maximum death rates while Cooch Behar and Jalpaiguri showed the minimum during the decade.

The worst districts for fever were Birbhum Bankura, Malda, Murshidabad, Darjeeling, West Dinajpur, Midnapore and Nadia. It is noteworthy that medical facilities in these districts are comparatively poor, and this may well account for the heavy death tolls due to fever recorded as such in those areas.

The decline in death from Malaria may be ascribed to the continuous and intensive eradication programme of the State Government. There is a

steady decline in deaths from respiratory diseases, the rate being always higher for males than for females. It is also to be noticed that this death rate is higher in Calcutta, Howrah, Hooghly, Jalpaiguri and West Dinajpur than in other districts of the State and this is possibly due to the concentration of the working class people in the Industrial as well as Plantation areas. No marked difference can be noted in suicides during the past two decades. The rate shows only slightly higher value in district Howrah, Hooghly and Nadia. Calcutta with all the complications of city life showed a surprisingly low rate of 0.03 on an average. Deaths from snake bites are almost uniform over the decade 1951-1960 and maximum deaths were recorded in Midnapore and 24-Parganas while Darjeeling and Purulia showed the minimum number of such deaths.

Plague has almost been stamped out in the State. Kala-azar conspiciously prevailed only in West Dinajpur which has been notorious in respect of this disease for a long time. Deaths from T. B. of lungs were highest in Calcutta, the rates being 0.74 for males and 0.95 for females. Next in order of death rates from T. B. of lungs was recorded by Darjeeling district with annual averages of 0.56 for males and 0.50 for females, Jalpaiguri with 0.53 for males and 0.37 for females and Howrah with 0.34 for males and 0.23 for females thus showing the relative positions of the districts in respect of the disease.

Death rate from Dysentery and Diarrhoea fluctuated to and fro during the past decade and recorded and its maximum in Calcutta followed by Howrah, Jalpaiguri, Hooghly and Darjeeling districts and the high values were possibly due to the prevailing local condition.

The death rate from child birth (per thousand of total life and still births) steadily declined from 5.88 in 1951 to 3.30 in 1960, the average rate for the whole State during the decade being 4.49. The districts of Jalpaiguri, West Dinajpur and Cooch Behar were the worst sufferers from this cause showing the scope of improving maternal services in these districts.

It may be noted in this connection that International Classification of Diseases was adopted in the State from 1959 and therefore the possible limitations of the above discussion relating to deaths by causes during the decade should be borne in mind.

Deaths by age, sex and communities and deaths by age-groups have been presented in Tables 10 and 11 separately for males and females for the period 1951-60.

A comparative study showing proportional deaths in some specific age groups by sex to total deaths for the decades 1941-50 and 1951-60 has been made in Statement IV.

STATEMENT IV

Comparative statement showing proportional deaths in some specific age groups by sex during the decades 1941-50 and 1951-60

Age-group in years	1941-1950		1951-1960	
	Males	Females	Males	Females
0—1	18.19	16.66	21.16	19.92
1—5	10.76	11.95	13.02	14.79
5—50	45.10	46.95	34.31	37.43
50 and over	25.95	24.44	31.51	27.86
All ages	**100.00**	**100.00**	**100.00**	**100.00**

It reveals that the proportional mortality under 1 year as well as for the age group 1 to 5 years for both sexes are higher in the decade 1951-60 than in 1941-50. It will also appear from the statement that the proportion of deaths in the age group of 5 to 50 years in which the majority of the population is expected to lie, has actually diminished during the decade 1951-60 as compared with the similar figure during the period 1941-50.

The proportion of deaths in age-group 50 and over to total deaths was found to be higher for the period 1951-60 than that for 1941-50 showing that the general health condition of the people during the past decade was better off.

Female deaths per 1,000 male deaths annually by principal religions have been presented in Table 12. It shows that female deaths per 1,000 male deaths are lowest among the Muslims (860.98) and highest among the Christians (908.65) while the intermediate position has been occupied by the Hindus (875.28) during the decade.

History of the Development of Vital Statistics in West Bengal, 1951-1962

Vital Statistics are not prevalance but incidence statistics providing a measure of events and their basic importance during a specific period of time in the past as contrasted with the current phase of such events. The flow of vital events and their basic importance in the cultural life of the people are the real reasons towards the development of registration of vital events as an established common feature amongst the civilised and advanced nations. Vital Statistics, like all other statistics, is not an end in itself but a tool for the study of social problems.

A history of the previous development of the subject was published in Census of India, 1951, Vol. VI, Part IB and that relating to 1951-62 has been presented in this Report.

A. Registration

The registration of births and deaths is compulsory under the Statutory Rules and Orders resting

with Act IV of 1873, Bengal Births and Deaths Registration Act. It was mainly administered through local bodies in West Bengal. The reporting of vital events in time to the local Registrars of Births and Deaths is a statutory duty of the people. But the public are usually defaulters in the matter of reporting vital events as most of them are ignorant of the provisions of the Act and scarcely do report births and deaths for registration. As a matter of fact, under the system in vogue, the standard of registration is low. Various drives have been launched in order to improve the registration work of vital events, but something tangible is yet to be awaited.

In the rural areas, there exists a rudimentary system of reporting vital events by village chowkidars, watchmen, or other persons so appointed. But these primary reporters who are the reporters of births and deaths occurring within their beats are mostly illiterate and can be generally supposed to misreport the cause of and the age at death meticulously.

In urban areas, as well, registration of vital events is not receiving adequate attention. The municipal authorities have no efficient reporting agencies in most of the towns and have to depend entirely on the public who scarcely act according to the requirements of the Registration Act. Accordingly, a proposal for the improvement in the system of registration in the urban areas of the State has already been submitted to the Government for consideration and a copy of the same is given in the Appendix.

The organisational structure through which information on births and deaths is obtained is a combination of local bodies and Government agencies. The entire area of the State excluding Canal, Port, Fort and Maidan areas in Calcutta, is covered by Registration Units, comprising Towns, Cantonments, Police Stations, Unions and the Railway Station in rural areas. Each such unit is under a local Registrar of Births and Deaths. At present the total number of registration units cover near about 2,658. The area and population of units vary with the distinctive trait of each unit between 0.9 and 131 sq. miles and between 333 and 111,298 in population. The Officer-in-Charge of Police Stations, Sanitary Inspectors posted in Public Health Circles, Station Masters of Railways, Rural Medical Officers of Health in the Unions provided with Health Centres are the local Registrars of Births and Deaths in the rural areas. Apart from 88 municipalities excluding Calcutta there are at present about 1,093 Local Registrars of Births and Deaths in the State of whom 372 are Doctors, 239 Sanitary Inspectors, 29 Police Officers and 448 Railway Station Masters and 5 other Officers. The Rural Medical Officers of Health of the Health Centres are the Local Registrars of the Unions wherein Health Centres are located.

All births and deaths occurring in a hospital where the Medical Officer is not a Registrar, are registered by the local Registrars of the area within which the hospital is located. The municipal authorities are responsible for registration of births and deaths in the urban areas.

Several modifications have been introduced in the Death Register Form to suit the needs for gradually improving registration system. The International Form of Cause of Death has been incorporated in the Death Register. A column for "who certified the cause of death" has been provided to have a measure of the reliability of the information obtained on cause of death.

Since the Provincialisation of District Health Services in January 1959 almost all the local Registrars are directly under the control of the Government excepting those of cities and towns where the control rests with the local bodies.

The quality of data is expected to improve in future as the non-Medical Registrars are replaced by medical personnel with the establishment of more Health Centres in the rural areas of the State. The role of Health Centres towards the improvement of registration of births and deaths and effecting decline in death rate has been studied and presented in the Appendix.

B. Compilation

Since Independence, the year 1959 has been a landmark in the history of development of Vital Statistics in West Bengal. In January 1959, West Bengal launched a Development Scheme in hospital and vital statistics. It was the first useful blow to the time old process of collection and compilation of health statistics, the previous system being stamped out as a very poor machinery for portrayal of the health condition in the State. The aforesaid scheme, pioneer project in India, had its first initiation during the 2nd Plan period and envisaged to be supplemented according to the phased programme during the 3rd and successive Plan periods. It will render useful assistance to all officials at State Headquarters, District and Subdivisional levels.

According to the programme, monthly reports on Health Statistics will be prepared and made conveniently available in the form of good and timely factual data to all concerned for objective assessment of potential uses of health statistics for planning purposes. The scheme comprises a central processing of hospital and vital statistics returns with the aid of Tabulating Machines. The object of this Central Compilation Scheme is to :

(1) detect the current mistakes and the deficiencies made by different peripheral units and institutions and to eliminate these at the very places of origin;

(2) set up a uniform standard for collection of vital statistics, improved in both quality and coverage, the newly introduced procedure for vital and hospital statistics in West Bengal adopting the generalities and principles of W. H. O. recommendation singling out in particular International Form of Medical Certificate of Cause of Deaths occurring in Hospital ; and

(3) institute investigations and plan projects for execution in selected areas and population and renovate, orient and modify the existing system on the results of these searches.

COLLECTION AND COMPILATION OF DATA

Vital Statistics—The previous system of multi-stage local collection and compilation of Vital and Hospital Statistics has been completely abandoned and a new system of collection of original records from the local Registrars and Medical Officers for Hospitals, Health Centres and Dispensaries has been introduced in the State since January 1959. Accordingly, the forms have been revised to suit the newly introduced procedure. Instead of sending monthly returns through different channels, the local Registrars of Births and Deaths are now to despatch duplicate copies of each registered event direct to the Vital Statistical Office at the State Headquarters. Simultaneously, a monthly abstract is sent to the District Health Officer for immediate information and routine health administration.

Hospital Statistics—Similarly, the Medical Officers of Hospitals etc. will now have to send monthly and annual returns—but they will fill up the newly designed in-patient cards for each and every patient admitted into the hospital and send duplicate copies of the same for each patient after discharge or death to the Vital Statistical Office direct at monthly intervals. The in-patient card contains an information about the patient wherein columns for provisional diagnosis after admission as well as the final diagnosis on discharge or death has duly been provided.

The International Form of Medical Certification of Cause of Death has also been incorporated in the Card design so that the underlying cause of death can be tabulated for patients dying in hospitals. The morbidity data on out-patients treated in hospitals and dispensaries are available from monthly returns containing information on morbid conditions and diseases as per the Expanded International Intermediate List of 205 Causes on morbidity. The Local Officers send these documents with a chalan to the State Headquarters. Simultaneously, a copy of the chalan is sent to the District Inspector of Health Statistics for information about the submission of the returns to the State Headquarters. The District Inspectors of Health Statistics not only assist in the collection of statistical documents but also supervise the proper entries in the original documents at the source and help in detection of omissions of births and deaths in their areas. The particulars regarding the total number of primary reporters of the Registration Units and the number of reporters actually submitting the returns are also furnished in the chalan form in order that population of the Registration Unit can be adjusted for the non-reporting areas thus ensuring better and more accurate estimate on health statistics.

C. Defects of registration and estimates of actual rates by Pilot Sample Census

Though the registration of births and deaths is compulsory under the Bengal Births and Deaths Registration Act, 1873, and the provisions of the Act are in operation for a long span of time, the registration is still defective and deficient. Omission occur in registration of both births and deaths. To obtain an estimate of the actual rates and the amount of omission in the registration of births and deaths, a Pilot Sample Census on population as well as Births and Deaths was undertaken in 1959 and is still being continued in five unions provided with Health Centres in 5 different districts of West Bengal, namely (1) Mathurapur Union in 24-Parganas, (2) Duttapulia in Nadia, (3) Bandipur in Hooghly, (4) Balarampur in Purulia and (5) Barsul in Burdwan. The survey has been renamed as "Model Health & Ideal Registration Unit Project" to suit and define the work undertaken. This project was originated on the basis of the results of the Pilot Sample Census operation, and the Report on "Model Health & Ideal Registration Units, West Bengal, January to December 1962" is given in the Appendix.

D. Births and deaths detected in the elected villages by Registration Units

Complete enumeration of births and deaths in selected areas in each of the Registration Units by the local Registrars of Births and Deaths was introduced in 1962. The main object of the project is to get an estimate of birth and death rates for the State as well as to make the local Registrars of Births and Deaths as well as the Health personnel of the districts conscious of the relative magnitude of the incompleteness in the registration of vital events of different Registration Units as such information may create some urge amongst the local Registrars for improving the registration of vital events in their respective areas.

Under the project the local Registrars of Births and Deaths have to select a compact area having 1,000 population, in the vicinity of their respective headquarters. Each house under the area should be visited twice in a year, once in July and again in January to ascertain births and deaths occurring in each house of the selected area during the six months preceeding the month of survey. Population has to be counted once in a year *i. e.* during the enumeration done in the month of July only. Number of

new born babies vaccinated against Small pox is also to be recorded during the survey The report on births and deaths detected in the selected villages by Registration Units, West Bengal, January to December 1962 is also given in the Appendix.

E. Analysis of one per cent sample out-patient cards vis-a-vis *monthly outdoor returns*

The return of new patients treated by diseases for the month which is being used for compilation of Statistics relating to outdoor patients came into existence since 1959 when the Central Compilation Scheme was introduced in the State of West Bengal. The monthly outdoor return contains information for the diseases as provided in the International List 'A' together with some more diseases of Local interest which were used to be collected previously. This expanded List 'A' provides three digits Detailed List Number in respect of each of the categories for the purpose of international comparability. The monthly outdoor returns are compiled by the Medical Officers of hospitals and dispensaries without prior coding of the individual diseases. Only the number of new patients treated under each of the diseases of the List without their age and sex distribution is shown in the return. Although the present procedure in securing individual reports as done in case of the in-patients seems to be ideal, but this practice could not be operated in the out-patient Department cases as about 10 million patients attend outdoor every year and the quality of diagnosis is found to be not satisfactory due to non-availability of laboratory facilities in many of the medical institutions of the State. However, in the absence of any correct picture of morbidity for the State, the outdoor returns thus collected may help to give an idea of the picture with the inherent limitations not only of the returns but also of the hospitals which obviously do not serve the entire population. Moreover, the outdoor returns are required for administrative purposes to study the relative efficiency of the medical institutions functioning in the State. How far the provision of such grouping of the diagnosis as available in the Out-patients Department returns as per the Expanded List 'A' without prior coding of individual diseases is satisfactory and reflective of the true picture of the differentiative and qualitative morbidity of the State, is a moot point for decision.

Accordingly a design of sample out-patient card with instructions for filling up of the same has been prepared and one per cent of total cases treated in the different Out-patients Departments of the three teaching medical institutions in Calcutta is being collected according to sample cards since July, 1962.

F. Medical Records Departments

The scheme for Central processing of individual discharge reports which was started in 1959 has resulted in the necessity of maintenance of Medical Records in teaching institutions to start with as well as in other hospitals in future.

Medical Records Departments have recently been established in three Government teaching institutions in Calcutta namely : (1) Seth Sukhlal Karnani Memorial Hospital, (2) Medical College Hospitals and (3) Nilratan Sarkar Medical College Hospitals and a proposal for the fourth one is under consideration of the Government.

Medical Records are the records (documents) of life histories of diseases as they manifest in men and elicited by doctors on examination of patients either in their usual residences or in the hospital where treatement is undertaken *en masse* under special arrangements and facilities. These documents are thus equally valuable for both the cases but more so for the hospitals specially for the teaching institutions in view of the wider scope of its utilisation.

Certain important processes are involved in a Medical Records Department and they are summed up as follows :

(1) Recording of all particulars of patients on daily admission ;
(2) Recording of particulars of all patients discharged daily ;
(3) Collection of medical records of patients soon after their discharge ;
(4) Scrutiny of medical records of discharged patients ; and
(5) Indexing and filling of the medical records.

ESTABLISHMENT OF A REGIONAL TRAINING CENTRE IN CALCUTTA FOR THE EASTERN ZONE OF INDIA

Although the Medical Records Department in the teaching institutions are functioning satisfactorily, these are required to be suitably upgraded so that they can attain the minimum standard of efficiency to act as training and demonstration centres which, therefore, need the assistance of the Government of India and the World Health Organisation. The work of upgrading of the existing Medical Records Departments and of the starting of Training Centre are to be undertaken by the World Health Organisation, while its continuation and further development will be carried out by its organisational set up as prepared for the purpose with the help of financial assistance and in collaboration with the Director General of Health Services, Government of India.

The procedure of work of Medical Records Departments as well as various forms to be used in this connection will have to be standardised in accordance with the principles laid down by the Hospital Commission of U. S. A. so that the work of Medical Records Departments can be made uniform throughout the country.

TABLES

TABLE 1

Actual number of Births and Deaths annually reported for each Sex during the decade 1951-60

Year	Number of births			Number of deaths			Excess(+) or deficiency(−) of female births over male births	Excess(+) or deficiency(−) of female deaths over male deaths	Excess(+) or deficiency(−) of births over deaths both sexes	Number of female births *per mille* male births	Number of female deaths *per mille* male deaths
	Both sexes	Male	Female	Both sexes	Male	Female					
1	2	3	4	5	6	7	8	9	10	11	12
Total 1951-60	**6,276,996**	**3,264,638**	**3,012,358**	**2,593,931**	**1,385,281**	**1,208,650**	**— 252,280**	**— 176,631**	**+3,683,065**	**922.72**	**872.49**
1951	530,874	276,176	254,698	314,218	165,415	148,803	— 21,478	— 16,612	+ 216,656	922.23	899.57
1952	565,180	294,149	271,031	265,446	141,669	123,777	— 23,118	— 17,892	+ 299,734	921.41	873.71
1953	577,398	300,177	277,221	260,187	138,054	122,133	— 22,956	— 15,921	+ 317,211	923.53	884.68
1954	594,095	308,603	285,492	238,964	127,454	111,510	— 23,111	— 15,944	355,131	925.11	874.90
1955	666,599	345,854	320,745	233,343	125,143	108,200	— 25,109	— 16,943	+ 433,256	927 40	864.61
1956	671,073	349,579	321,494	233,399	124,530	108,869	— 28,085	15,661	+ 437,674	919.68	874.24
1957	639,138	332,860	306,278	284,056	151,447	132,609	— 26,582	— 18,838	+ 355,082	923.14	875.61
1958	648,279	337,647	310,632	269,799	143,822	125,977	— 27,015	— 17,845	+ 378,480	919.99	875.92
1959	731,119	380,142	350,977	236,993	128,634	108,359	— 29,165	— 20,275	+ 494,126	923.28	842.38
1960	653,241	339,451	313,790	257,526	139,113	118,413	— 25,661	— 20,700	+ 395,715	924.40	851.20

TABLE 1.1

Actual number of Births and Deaths reported for each sex in the State, Administrative Division and District during 1951

State/Division/District	Number of births			Number of deaths			Excess (+) or deficiency( ) of female births over male births	Excess (+) or deficiency(−) of female deaths over male deaths	Excess(+) or deficiency(−) of births over deaths both sexes	Number of female births *per mille* male births	Number of female deaths *per mille* male deaths
	Both sexes	Male	Female	Both sexes	Male	Female					
1	2	3	4	5	6	7	8	9	10	11	12
WEST BENGAL	**530,874**	**276,176**	**254,698**	**314,218**	**165,415**	**148,803**	**— 21,478**	**— 16,612**	**+216,656**	**922.23**	**899.57**
Presidency Division	*272,076*	*141,765*	*130,311*	*173,167*	*91,584*	*81,583*	*— 11,454*	*— 10,001*	*+ 98,909*	*919.20*	*890.80*
Darjeeling	11,237	5,716	5,521	8,296	4,207	4,089	195	— 118	+ 2,941	965.89	971.95
Jalpaiguri	27,268	13,983	13,285	16,031	8,340	7,691	— 698	— 649	+ 11,237	950.08	922.18
Cooch Behar	*	*	*	*	*	*	*	*	*	*	*
West Dinajpur	15,325	8,086	7,239	13,020	6,924	6,096	— 847	— 828	+ 2,305	895.25	880.42
Malda	18,372	9,765	8,607	12,164	6,527	5,637	— 1,158	— 890	+ 6,208	881.41	863.64
Murshidabad	49,864	25,973	23,891	21,646	11,316	10,330	2,082	— 986	+ 28,218	919.84	912.87
Nadia	23,540	12,290	11,250	14,078	7,464	6,614	1,040	850	+ 9,462	915.38	886.12
24-Parganas	67,624	35,806	31,818	40,439	21,537	18,902	— 3,988	— 2,635	+ 27,185	888.62	877.65
Calcutta	58,846	30,146	28,700	47,493	25,269	22,224	— 1,446	— 3,045	+ 11,353	952.03	879.50
Burdwan Division	*258,198*	*134,411*	*124,387*	*141,051*	*73,831*	*67,220*	*— 10,024*	*— 6,611*	*+117,747*	*925.42*	*910.46*
Howrah	24,477	12,819	11,658	20,292	10,720	9,572	— 1,161	— 1,148	+ 4,185	909.43	829.91
Hooghly	31,425	16,481	14,944	16,280	8,693	7,587	1,537	— 1,106	+ 15,145	906.74	872.77
Burdwan	46,467	24,041	22,426	25,223	13,393	11,830	— 1,615	— 1,563	+ 21,244	932.82	883.30
Birbhum	31,780	16,539	15,241	18,766	9,696	9,070	— 1,298	— 626	+ 13,014	921.52	935·44
Bankura	34,381	17,843	16,538	17,450	9,196	8,254	— 1,305	— 942	+ 16,931	926.86	897.56
Midnapore	90,268	46,688	43,580	43,040	22,133	20,907	— 3,108	— 1,226	47,228	933.43	944.61
Purulia	*	*	*	*	*	*	*	*	*	*	*

* Figures are not available.

TABLE 1.2

Actual number of Births and Deaths reported for each Sex in the State, Administrative Division and District during 1952

State/Division/District	Number of births			Number of deaths			Excess (+) or deficiency(−) of female births over male births	Excess (+) or deficiency(−) of female deaths over male deaths	Excess (+) or deficiency(−) of births over deaths both sexes	Number of female births per *mille* male births	Number of female deaths per *mille* male deaths
	Both sexes	Male	Female	Both sexes	Male	Female					
1	2	3	4	5	6	7	8	9	10	11	12
WEST BENGAL	**565,180**	**294,149**	**271,031**	**265,446**	**141,669**	**123,777**	**−23,118**	**−17,892**	**+ 299,734**	**921.41**	**873.71**
Presidency Division	*288,053*	*149,977*	*138,076*	*144,422*	*77,314*	*67,108*	*−11,901*	*−10,206*	*+ 143,631*	*920.64*	*867.99*
Darjeeling	11,863	6,011	5,852	6,960	3,620	3,340	− 159	− 280	+ 4,903	973.55	922.65
Jalpaiguri	29,574	14,988	14,586	15,293	7,841	7,452	− 402	− 389	+ 14,281	973.18	950.39
Cooch Behar	*	*	*	*	*	*	*	*	*	*	*
West Dinajpur	19,131	9,777	9,354	10,674	5,630	5,044	− 423	− 586	+ 8,457	956.74	895.91
Malda	21,352	11,384	9,968	9,253	5,130	4,123	− 1,416	− 1,007	+ 12,099	875.61	803.70
Murshidabad	48,668	25,202	23,466	17,038	9,158	7,880	− 1,736	− 1,278	+ 31,630	931.12	860.45
Nadia	25,102	13,123	11,979	10,275	5,442	4,833	− 1,144	− 609	+ 14,827	912.82	888.09
24-Parganas	72,722	38,728	33,994	36,507	19,830	16,677	− 4,734	− 3,153	+ 36,215	877.76	841.00
Calcutta	59,641	30,764	28,877	38,422	20,663	17,759	− 1,887	− 2,904	+ 21,219	938.66	859.46
Burdwan Division	*277,127*	*144,172*	*132,955*	*121,024*	*64,355*	*56,669*	*−11,217*	*− 7,686*	*+156,103*	*922.19*	*880.56*
Howrah	26,800	14,199	12,601	16,478	8,942	7,536	− 1,598	− 1,406	+ 10,322	887.46	842.76
Hooghly	33,936	17,866	16,070	14,125	7,696	6,429	− 1,796	− 1,266	+ 19,811	899.47	835.37
Burdwan	50,536	26,250	24,286	21,856	11,757	10,099	− 1,964	− 1,658	+ 28,680	925.18	858.98
Birbhum	35,631	18,380	17,251	13,353	7,032	6,321	− 1,129	− 711	+ 22,278	938.57	898.89
Bankura	39,044	19,884	19,160	15,203	8,254	6,949	− 724	− 1,305	+ 23,841	963.59	841.89
Midnapore	91,180	47,593	43,587	40,009	20,674	19,335	− 4,006	− 1,339	+ 51,171	915.83	935.23
Purulia	*	*	*	*	*	*	*	*	*	*	*

* Figures are not available.

TABLE 1.3

Actual number of Births and Deaths reported for each Sex in the State, Administrative Division and District during 1953

State/Division/District	Number of births			Number of deaths			Excess (+) or deficiency(−) of female births over male births	Excess (+) or deficiency(−) of female deaths over male deaths	Excess (+) or deficiency(−) of births over deaths both sexes	Number of female births per *mille* male births	Number of female deaths per *mille* male death
	Both sexes	Male	Female	Both sexes	Male	Female					
1	2	3	4	5	6	7	8	9	10	11	12
WEST BENGAL	**577,398**	**300,177**	**277,221**	**260,187**	**138,054**	**122,133**	**−22,956**	**−15,921**	**+317,211**	**923.53**	**884.68**
Presidency Division	*298,423*	*155,761*	*142,662*	*147,601*	*78,605*	*68,996*	*−13,099*	*− 9,609*	*+150,822*	*915.90*	*877.75*
Darjeeling	11,078	5,769	5,309	6,698	3,488	3,210	− 460	− 278	+ 4,380	920.26	920.30
Jalpaiguri	28,126	14,334	13,792	15,152	7,791	7,361	− 542	− 430	+ 12,974	962.19	944.81
Cooch Behar	10,287	5,344	4,943	5,380	2,740	2,640	− 401	− 100	+ 4,907	924.96	963.50
West Dinajpur	17,450	9,082	8,368	10,450	5,484	4,966	− 714	− 518	+ 7,000	921.38	905.54
Malda	23,416	12,392	11,024	10,171	5,293	4,878	− 1,368	− 415	+ 13,245	889.61	921.59
Murshidabad	47,207	24,534	22,673	17,159	9,143	8,016	− 1,861	− 1,127	+ 30,048	924.15	876.74
Nadia	24,815	12,867	11,948	9,906	5,281	4,625	− 919	− 656	+ 14,909	928.58	875.78
24-Parganas	73,413	38,847	34,566	34,640	18,868	15,772	− 4,281	− 3,096	+ 38,773	889.80	835.91
Calcutta	62,631	32,592	30,039	38,045	20,517	17,528	− 2,553	− 2,989	+ 24,586	921.67	854.32
Burdwan Division	*278,975*	*144,416*	*134,559*	*112,586*	*59,449*	*53,137*	*− 9,857*	*− 6,312*	*+ 166,389*	*931.74*	*893.82*
Howrah	25,697	13,315	12,382	16,247	8,644	7,603	− 933	− 1,041	+ 9,450	929.93	879.57
Hooghly	36,028	18,876	17,152	13,865	7,468	6,397	− 1,724	− 1,071	+ 22,163	908.67	856.59
Burdwan	51,328	26,611	24,717	20,915	11,062	9,853	− 1,894	− 1,209	+ 30,413	928.83	890.71
Birbhum	36,016	18,484	17,532	12,194	6,352	5,842	− 952	− 510	+ 23,822	948.50	919.71
Bankura	41,435	21,285	20,150	15,038	7,974	7,064	− 1,135	− 910	+ 26,397	946.68	885.88
Midnapore	88,471	45,845	42,626	34,327	17,949	16,378	− 3,219	− 1,571	+ 54,144	929.79	912.47
Purulia	*	*	*	*	*	*	*	*	*	*	*

* Figures are not available.

TABLE 1.4

Actual number of Births and Deaths reported for each Sex in the State, Administrative Division and District during 1954

State/Division/District	Number of births			Number of deaths			Excess (+) or deficiency(−) of female births over male births	Excess (+) or deficiency(−) of female deaths over male deaths	Excess (+) or deficiency(−) of births over deaths both sexes	Number of female births per *mille* male births	Number of female deaths per *mille* male deaths
	Both sexes	Male	Female	Both sexes	Male	Female					
1	2	3	4	5	6	7	8	9	10	11	12
WEST BENGAL	**594,095**	**308,603**	**285,492**	**238,964**	**127,454**	**111,510**	**−23,111**	**−15,944**	**+355,131**	**925.11**	**874.90**
Presidency Division	*309,015*	*161,021*	*147,994*	*133,033*	*71,304*	*61,729*	*−13,027*	*−9,575*	*+175,982*	*919.10*	*865.72*
Darjeeling	11,023	5,621	5,402	6,550	3,381	3,169	− 219	− 212	+ 4,473	961.04	937.30
Jalpaiguri	28,051	14,277	13,774	12,723	6,595	6,128	− 503	467	+ 15,328	964.77	929.19
Cooch Behar	14,923	7,829	7,094	7,377	3,998	3,379	− 735	619	+ 7,546	906.12	845.17
West Dinajpur	17,163	8,909	8,254	10,097	5,478	4,619	655	− 859	+ 7,066	926.48	843.19
Malda	20,393	10,720	9,673	9,284	5,111	4,173	− 1,047	− 938	+ 11,109	902.33	816.47
Murshidabad	48,177	25,057	23,120	15,796	8,367	7,429	1,937	938	+ 32,381	922.70	887.89
Nadia	29,495	15,421	14,074	8,900	4,847	4,053	− 1,347	794	+ 20,595	912.65	836.19
24-Parganas	74,385	38,961	35,424	30,192	16,254	13,938	− 3,537	− 2,316	+ 44,193	909.22	857.51
Calcutta	65,405	34,226	31,179	32,114	17,273	14,841	− 3,047	− 2,432	+ 33,291	910.97	859.20
Burdwan Division	*285,080*	*147,582*	*137,498*	*105,931*	*56,150*	*49,781*	*−10,084*	*− 6,369*	*+179,149*	*931.67*	*886.57*
Howrah	24,367	12,578	11,789	13,385	7,117	6,268	789	− 849	+ 10,982	937.27	880.71
Hooghly	37,166	19,211	17,955	12,358	6,652	5,706	1,256	946	+ 24,808	934.62	857.88
Burdwan	53,815	27,981	25,834	18,986	10,133	8,853	− 2,147	− 1,280	+ 34,829	923.27	873.68
Birbhum	35,284	18,132	17,152	12,708	6,603	6,105	980	− 498	+ 22,576	945.95	924.58
Bankura	36,392	18,950	17,442	13,816	7,444	6,372	− 1,508	− 1,072	+ 22,576	920.42	855.99
Midnapore	98,056	50,730	47,326	34,678	18,201	16,477	− 3,404	1,724	+ 63,378	932.90	905.28
Purulia	*	*	*	*	*	*	*	*	*	*	*

* Figures are not available.

TABLE 1.5

Actual number of Births and Deaths reported for each Sex in the State, Administrative Division and District during 1955

State/Division/District	Number of births			Number of deaths			Excess (+) or deficiency( ) of female births over male births	Excess (+) or deficiency(−) of female deaths over male deaths	Excess (+) or deficiency(−) of births over deaths both sexes	Number of female births per *mille* male births	Number of female deaths per *mille* male deaths
	Both sexes	Male	Female	Both sexes	Male	Female					
1	2	3	4	5	6	7	8	9	10	11	12
WEST BENGAL	**666,599**	**345,854**	**320,745**	**233,343**	**125,143**	**108,200**	**−25,109**	**16,943**	**+433,256**	**927.40**	**864.61**
Presidency Division	*353,186*	*183,497*	*169,689*	*127,400*	*68,937*	*58,463*	*13,808*	*-10,474*	*+225,786*	*924.75*	*848.06*
Darjeeling	12,576	6,475	6,101	5,752	3,030	2,722	374	308	+ 6,824	942.24	898.35
Jalpaiguri	34,826	17,623	17,203	12,467	6,501	5,966	420	535	+ 22,359	976.17	917.70
Cooch Behar	18,261	9,443	8,818	6,614	3,691	2,923	625	768	+ 11,647	933.81	791.93
West Dinajpur	19,850	10,398	9,452	7,807	4,317	3,490	946	827	+ 12,043	909.02	808.43
Malda	24,464	12,922	11,542	7,160	4,012	3,148	1,380	864	+ 17,304	893.21	784.65
Murshidabad	58,551	30,369	28,182	16,022	8,524	7,498	2,187	1,026	+ 42,529	927.99	879.63
Nadia	35,195	18,265	16,930	8,849	4,839	4,010	1,335	829	+ 26,346	926.90	828.68
24-Parganas	79,761	41,797	37,964	30,312	16,167	14,145	3,833	2,022	+ 49,449	908.29	874.93
Calcutta	69,702	36,205	33,497	32,417	17,856	14,561	2,708	3,295	+ 37,285	925.20	815.47
Burdwan Division	*313,413*	*162,357*	*151,056*	*105,943*	*56,206*	*49,737*	*11,301*	*6,469*	*+207,470*	*930.39*	*884.91*
Howrah	26,915	13,825	13,090	13,724	7,423	6,301	735	1,122	+ 13,191	946.84	848.85
Hooghly	37,753	19,949	17,804	12,377	6,661	5,716	2,145	945	+ 25,376	892.48	858.13
Burdwan	60,746	31,266	29,480	18,730	9,992	8,738	1,786	1,254	+ 42,016	942.88	874.50
Birbhum	37,810	19,609	18,201	12,028	6,268	5,760	1,408	508	+ 25,782	928.20	918.95
Bankura	41,437	21,347	20,090	14,831	7,814	7,017	1,257	797	+ 26,606	941.12	898.00
Midnapore	103,752	56,361	52,391	34,253	18,048	16,205	3,970	1,843	+ 74,499	929.56	897.88
Purulia	*	*	*	*	*	*	*	*	*	*	*

* Figures are not available.

TABLE 1.6

Actual number of Births and Deaths reported for each Sex in the State, Administrative Division and District during 1956

State/Division/District	Number of births			Number of deaths			Excess (+) or deficiency(−) of female births over male births	Excess (+) or deficiency(−) of female deaths over male deaths	Excess (+) or deficiency(−) of births over deaths both sexes	Number of female births per *mille* male births	Number of female deaths per *mille* male deaths
	Both sexes	Male	Female	Both sexes	Male	Female					
1	2	3	4	5	6	7	8	9	10	11	12
WEST BENGAL	**671,073**	**349,579**	**321,494**	**233,399**	**124,530**	**108,869**	**−28,085**	**−15,661**	**+437,674**	**919.68**	**874.24**
Presidency Division	*352,486*	*184,145*	*168,341*	*126,839*	*68,173*	*58,666*	*−15,804*	*− 9,507*	*+225,647*	*914.18*	*860.55*
Darjeeling	12,119	6,327	5,792	5,057	2,658	2,399	− 535	− 259	+ 7,062	915.44	902.56
Jalpaiguri	36,437	18,434	18,003	11,353	5,821	5,532	− 431	− 289	+ 25,084	976.62	950.35
Cooch Behar	22,317	11,425	10,892	6,573	3,555	3,018	− 533	− 537	+ 15,744	953.35	848.95
West Dinajpur	21,128	11,123	10,005	7,310	4,019	3,291	− 1,118	− 728	+ 13,818	899.49	818.86
Malda	22,051	11,611	10,440	8,181	4,494	3,687	− 1,171	− 807	+ 13,870	899.15	820.43
Mushidabad	52,529	27,474	25,055	16,855	8,860	7,995	− 2,419	− 865	+ 35,674	911.95	902.37
Nadia	35,589	18,638	16,951	8,954	4,921	4,033	− 1,687	− 888	+ 26,635	909.49	819.55
24-Parganas	77,491	41,289	36,202	29,477	15,875	13,602	− 5,087	− 2,273	+ 48,014	876.80	856.82
Calcutta	72,825	37,824	35,001	33,079	17,970	15,109	− 2,823	− 2,861	+ 39,746	925.36	840.79
Burdwan Division	*318,587*	*165,434*	*153,153*	*106,560*	*56,357*	*50,203*	*−12,281*	*− 6,154*	*+212,027*	*925.76*	*890.80*
Howrah	27,285	14,334	12,951	13,032	7,049	5,983	− 1,383	− 1,066	+ 14,253	903.52	848.77
Hooghly	41,832	22,089	19,743	11,892	6,519	5,373	− 2,346	− 1,146	+ 29,940	893.79	824.21
Burdwan	60,864	31,365	29,499	18,093	9,575	8,518	− 1,866	− 1,057	+ 42,771	940.51	889.61
Birbhum	37,421	19,248	18,173	12,421	6,515	5,906	− 1,075	− 609	+ 25,000	944.15	906.52
Bankura	42,026	21,752	20,274	15,496	8,089	7,407	− 1,478	− 682	+ 26,530	932.05	915.69
Midnapore	109,159	56,646	52,513	35,626	18,610	17,016	− 4,133	− 1,594	+ 73,533	927.04	914.35
Purulia	*	*	*	*	*	*	*	*	*	*	*

* *Figures are not available.*

TABLE 1.7

Actual number of Births and Deaths reported for each Sex in the State, Administrative Division and District during 1957

State/Division/District	Number of births			Number of deaths			Excess (+) or deficiency(−) of female births over male births	Excess (+) or deficiency(−) of female deaths over male deaths	Excess (+) or deficiency(−) of births over deaths both sexes	Number of female births per *mille* male births	Number of female deaths per *mille* male deaths
	Both sexes	Male	Female	Both sexes	Male	Female					
1	2	3	4	5	6	7	8	9	10	11	12
WEST BENGAL	**639,138**	**332,860**	**306,278**	**284,056**	**151,447**	**132,609**	**−26,582**	**− 18,838**	**+355,082**	**923.14**	**875.61**
Presidency Division	*344,404*	*179,233*	*165,171*	*151,343*	*81,639*	*69,704*	*−14,062*	*− 11,935*	*+193,061*	*921.54*	*853.81*
Darjeeling	12,273	6,237	6,036	5,095	2,608	2,487	− 201	− 121	+ 7,178	967.77	953.60
Jalpaiguri	36,816	18,512	18,304	11,203	5,821	5,382	− 208	− 439	+ 25,613	988.76	924.58
Cooch Behar	21,970	11,410	10,560	6,834	3,810	3,024	− 850	− 786	+ 15,136	925.50	793.70
West Dinajpur	24,809	12,960	11,849	9,596	5,202	4,394	− 1,111	− 808	+ 15,213	914.27	844.68
Malda	20,303	10,725	9,578	9,513	5,236	4,277	− 1,147	− 959	+ 10,790	893.05	816.84
Murshidabad	46,674	24,244	22,430	20,995	11,094	9,901	− 1,814	− 1,193	+ 25,679	925.18	892.46
Nadia	34,455	18,018	16,437	10,332	5,709	4,623	− 1,581	− 1,086	+ 24,123	912.25	980.77
24-Parganas	75,007	39,586	35,421	37,748	19,993	17,755	− 4,165	− 2,238	+ 37,259	894.79	888.06
Calcutta	72,097	37,541	34,556	40,027	22,166	17,861	− 2,985	− 4,305	+ 32,070	920.49	805.78
Burdwan Division	*294,734*	*153,627*	*141,107*	*132,713*	*69,808*	*62,905*	*−12,520*	*− 6,903*	*+162,021*	*918.50*	*901.11*
Howrah	26,519	14,117	12,402	17,847	9,416	8,431	− 1,715	− 985	+ 8,672	878.52	895.329
Hooghly	37,261	19,466	17,795	13,706	7,474	6,232	− 1,671	− 1,242	+ 23,555	914.16	833.83
Burdwan	53,731	27,848	25,883	20,035	10,712	9,323	− 1,965	− 1,389	+ 33,696	929.44	870.35
Birbhum	33,412	17,104	16,308	13,996	7,212	6,784	− 796	− 428	+ 19,416	953.46	940.60
Bankura	36,943	19,041	17,902	18,369	9,452	8,917	− 1,139	− 535	+ 18,574	940.18	943.41
Midnapore	95,742	49,892	45,850	42,669	22,051	20,618	− 4,042	− 1,433	+ 53,073	918.99	935.0
Purulia	11,126	6,159	4,967	6,091	3,491	2,600	− 1,192	− 891	+ 5,035	806.46	744.77

TABLE 1.8

Actual number of Births and Deaths reported for each Sex in the State, Administrative Division and District during 1958

State/Division/District	Number of births			Number of deaths			Excess (+) or deficiency(−) of female births over male births	Excess (+) or deficiency( ) of female deaths over male deaths	Excess (+) or deficiency(−) of births over deaths both sexes	Number of female births per *mille* male births	Number of female deaths per *mille* male deaths
	Both sexes	Male	Female	Both sexes	Male	Female					
1	2	3	4	5	6	7	8	9	10	11	12
WEST BENGAL	**648,279**	**337,647**	**310,632**	**269,799**	**143,822**	**125,977**	**-27,015**	**−17,845**	**+378,480**	**919.99**	**875.92**
Presidency Division	*354,152*	*184,740*	*169,412*	*146,836*	*79,202*	*67,634*	*−15,328*	*− 11,568*	*+207,316*	*917.03*	*853.94*
Darjeeling	12,666	6,433	6,233	5,256	2,777	2,479	− 200	− 298	+ 7,410	968.91	892.69
Jalpaiguri	38,349	19,752	18,597	10,674	5,726	4,948	− 1,155	− 778	+ 27,675	941.52	864.13
Cooch Behar	23,735	12,538	11,197	6,621	3,736	2,885	1,341	− 851	+ 17,114	893.05	772.21
West Dinajpur	27,272	14,354	12,918	12,220	6,690	5,530	1,436	1,160	+ 15,052	899.96	824.61
Malda	20,823	11,035	9,788	9,733	5,263	4,470	− 1,247	− 793	+ 11,090	887.00	849.33
Murshidabad	46,610	23,994	22,616	24,194	12,650	11,844	− 1,378	− 806	+ 22,116	942.57	936.28
Nadia	33,747	17,496	16,251	9,723	5,206	4,517	1,245	689	+ 24,024	928.84	867.65
24-Parganas	79,695	42,296	37,399	33,908	18,210	15,698	− 4,897	− 2,512	+ 45,787	884.22	862.05
Calcutta	71,255	36,842	34,413	34,207	18,944	15,263	- 2,429	− 3,681	+ 37,048	934.07	805.69
Burdwan Division	*294,127*	*152,907*	*141,220*	*122,963*	*64,620*	*58,343*	*− 11,687*	*− 6,277*	*+171,164*	*923,057*	*902.86*
Howrah	26,675	14,018	12,657	15,724	8,339	7,385	1,361	− 954	+ 10,951	902.91	885.60
Hooghly	35,428	18,480	16,948	12,649	6,891	5,758	− 1,532	1,133	+ 22,779	97.10	835.58
Burdwan	49,139	25,339	23,800	21,227	11,205	10,022	− 1,539	− 1,183	+ 27,912	939.26	894.42
Birbhum	33,321	17,123	16,198	14,960	7,540	7,420	− 925	− 120	+ 18,361	945.98	984.08
Bankura	35,220	18,192	17,028	15,801	8,287	7,514	− 1,164	− 773	+ 19,419	936.02	906.72
Midnapore	106,899	55,706	51,193	37,457	19,382	18,075	− 4,513	− 1,307	+ 69,442	918.99	932.57
Purulia	7,445	4,049	3,396	5,145	2,976	2,169	− 653	− 807	+ 2,300	838.73	728.83

TABLE 1.9

Actual number of Births and Deaths reported for each Sex in the State, Administrative Division and District during 1959

State/Division/District	Number of births			Number of deaths			Excess (+) or deficiency(−) of female births over male births	Excess (+) or deficiency(−) of female deaths over male deaths	Excess (+) or deficiency(−) of births over deaths both sexes	Number of female births per *mille* male births	Number of female deaths per *mille* male deaths
	Both sexes	Male	Female	Both sexes	Male	Female					
1	2	3	4	5	6	7	8	9	10	11	12
WEST BENGAL	**731,119**	**380,142**	**350,977**	**236,993**	**128,634**	**108,359**	**−29,165**	**−20,275**	**+494,126**	**923.28**	**842.38**
Presidency Division	*395,869*	*205,845*	*190,024*	*131,896*	*72,556*	*59,340*	*−15,821*	*−13,216*	*+263,973*	*923.14*	*817.85*
Darjeeling	11,877	6,120	5,757	4,739	2,413	2,326	− 363	− 87	+ 7,138	940.69	963.95
Jalpaiguri	38,423	19,610	18,813	11,774	6,230	5,544	− 797	− 686	+ 26,649	959.36	889.89
Cooch Behar	22,589	11,626	10,963	6,797	3,777	3,020	− 663	− 757	+ 15,792	942.97	799.58
West Dinajpur	37,382	19,237	18,145	10,889	5,841	5,048	− 1,092	- 793	+ 26,493	943.23	864.24
Malda	26,806	14,408	12,398	8,288	4,533	3,755	− 2,010	− 778	+ 18,518	860.49	828.37
Murshidabad	63,335	32,745	30,590	17,396	9,457	7,939	− 2,155	− 1,518	+ 45,939	934.19	839.48
Nadia	42,775	22,437	20,338	10,475	5,889	4,586	− 2,099	− 1,303	+ 32,300	906.45	778.74
24-Parganas	83,046	43,391	39,655	28,112	15,518	12,594	− 3,736	− 2,924	+ 54,934	913.90	811.57
Calcutta	69,636	36,271	33,365	33,426	18,898	14,528	2,906	− 4,370	+ 36,210	919.88	768.76
Burdwan Division	*335,250*	*174,297*	*160,953*	*105,097*	*56,078*	*49,019*	*−13,344*	*− 7,059*	*+230,153*	*923.44*	*874.12*
Howrah	25,363	13,424	11,939	11,631	6,406	5,225	− 1,485	− 1,181	+ 13,732	889.38	815.64
Hooghly	33,199	17,399	15,800	9,723	5,343	4,380	1,599	− 963	+ 23,476	908.10	819.76
Burdwan	54,797	28,297	26,500	16,561	8,986	7,575	− 1,797	1,411	+ 38,236	936.50	842.98
Birbhum	43,683	22,380	21,303	13,470	7,005	6,465	− 1,077	− 540	+ 30,213	951.88	922.91
Bankura	43,941	22,831	21,110	14,187	7,475	6,712	− 1,721	− 763	+ 29,754	924.62	897.93
Midnapore	123,588	64,108	59,480	34,621	18,037	16,584	− 4,628	- 1,453	+ 88,967	927.81	919.44
Purulia	10,679	5,858	4,824	4,904	2,826	2,078	− 1,037	− 748	+ 5,775	822.98	735.31

TABLE 1.10

Actual number of Births and Deaths reported for each Sex in the State, Administrative Division and District during 1960

State/Division/District	Number of births			Number of deaths			Excess (+) or deficiency(−) of female births over male births	Excess (+) or deficiency(−) of female deaths over male deaths	Excess (+) or deficiency(−) of births over deaths both sexes	Number of female births per *mille* male births	Number of female deaths per *mille* male deaths
	Both sexes	Male	Female	Both sexes	Male	Female					
1	2	3	4	5	6	7	8	9	10	11	12
WEST BENGAL	**653,241**	**339,451**	**313,790**	**257,526**	**139,113**	**118,413**	**−25,661**	**−20,700**	**+395,715**	**924.40**	**851.20**
Presidency Division	*360,332*	*186,982*	*173,350*	*141,451*	*77,018*	*64,433*	*−13,632*	*−12,585*	*+218,881*	*927.09*	*836.60*
Darjeeling	12,380	6,250	6,130	5,060	2,596	2,464	− 120	− 132	+ 7,320	980.80	949.15
Jalpaiguri	34,566	17,557	17,009	11,780	6,098	5,682	− 548	− 416	+ 22,786	968.79	931.78
Cooch Behar	20,127	10,513	9,614	7,091	3,891	3,200	− 899	− 691	+ 13,036	914.49	822.41
West Dinajpur	30,205	15,646	14,559	11,285	6,049	5,236	− 1,087	− 813	+ 18,920	930.53	865.60
Malda	24,369	12,761	11,608	9,854	5,364	4,490	− 1,153	− 874	+ 14,515	909.65	837.06
Murshidabad	53,040	27,672	25,368	16,938	9,178	7,760	− 2,304	− 1,418	+ 36,102	916.74	845.50
Nadia	38,410	20,013	18,397	12,514	6,815	5,699	− 1,616	− 1,116	+ 25,896	919.25	836.24
24-Parganas	76,394	40,191	36,203	33,021	18,063	14,958	− 3,988	− 3,105	+ 43,373	900.77	828.10
Calcutta	70,841	36,379	34,462	33,908	18,964	14,944	− 1,917	− 4,020	+ 36,933	947.30	788.02
Burdwan Division	*292,909*	*152,469*	*140,440*	*116,075*	*62,095*	*53,980*	*− 12,029*	*− 8,115*	*+176,834*	*921.11*	*869.31*
Howrah	27,480	14,450	13,030	13,617	7,584	6,033	− 1,420	− 1,551	+ 13,863	901.73	795.49
Hooghly	33,562	17,264	16,298	12,516	6,959	5,557	− 966	− 1,402	+ 21,046	944.05	815.64
Burdwan	53,118	27,764	25,354	18,568	10,090	8,478	− 2,410	− 1,612	+ 34,550	913.20	840.24
Birbhum	34,950	17,876	17,074	13,165	6,938	6,227	− 802	− 711	+ 21,785	955.14	897.52
Bankura	35,201	18,378	16,823	15,772	8,339	7,433	− 1,555	− 906	+ 19,429	915.39	891.35
Midnapore	99,526	51,815	47,711	37,732	19,545	18,187	− 4,104	− 1,358	+ 61,794	920.80	930.52
Purulia	9,072	4,922	4,150	4,705	2,640	2,065	− 772	− 575	+ 4,367	843.15	782.20

TABLE 2

Total Births, 1951-60

State/District	1951-60		1951		1952		1953		1954		1955	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1	2	3	4	5	6	7	8	9	10	11	12	13
WEST BENGAL	**3,264,638**	**3,012,358**	**276,176**	**254,698**	**294,149**	**271,031**	**300,177**	**277,221**	**308,603**	**285,492**	**345,854**	**320,745**
Darjeeling	60,959	58,133	5,716	5,521	6,011	5,852	5,769	5,309	5,621	5,402	6,475	6,101
Jalpaiguri	169,070	163,366	13,983	13,285	14,988	14,586	14,334	13,792	14,277	13,774	17,623	17,203
Cooch Behar	80,128	74,081	*	*	*	*	5,344	4,943	7,829	7,094	9,443	8,818
West Dinajpur	119,572	110,143	8,086	7,239	9,777	9,354	9,082	8,368	8,909	8,254	10,398	9,452
Malda	117,723	104,626	9,765	8,607	11,384	9,968	12,392	11,024	10,720	9,673	12,922	11,542
Murshidabad	267,264	247,391	25,973	23,891	25,202	23,466	24,534	22,673	25,057	23,120	30,369	28,182
Nadia	168,568	154,555	12,290	11,250	13,123	11,979	12,867	11,948	15,421	14,074	18,265	16,930
24-Parganas	400,892	358,646	35,806	31,818	38,728	33,994	38,847	34,566	38,961	35,424	41,797	37,964
Calcutta	348,790	324,089	30,146	28,700	30,764	28,877	32,592	30,039	34,226	31,179	36,205	33,497
Howrah	137,079	124,499	12,819	11,658	14,199	12,601	13,315	12,382	12,578	11,789	13,825	13,090
Hooghly	187,081	170,509	16,481	14,944	17,866	16,070	18,876	17,152	19,211	17,955	19,949	17,804
Burdwan	276,762	257,779	24,041	22,426	26,250	24,286	26,611	24,717	27,981	25,834	31,266	29,480
Birbhum	184,875	174,433	16,539	15,241	18,380	17,251	18,484	17,532	18,132	17,152	19,609	18,201
Bankura	199,503	186,517	17,843	16,538	19,884	19,160	21,285	20,150	18,950	17,442	21,347	20,090
Midnapore	525,384	486,257	46,688	43,580	47,593	43,587	45,845	42,626	50,730	47,326	56,361	52,391
Purulia	20,988	17,334	*	*	*	*	*	*	*	*	*	*

State/District	1956		1957		1958		1959		1960	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1	14	15	16	17	18	19	20	21	22	23
WEST BENGAL	**349,579**	**321,494**	**332,860**	**306,278**	**337,647**	**310,632**	**380,142**	**350,977**	**339,451**	**313,790**
Darjeeling	6,327	5,792	6,237	6,036	6,433	6,233	6,120	5,757	6,250	6,130
Jalpaiguri	18,434	18,003	18,512	18,304	19,752	18,597	19,610	18,813	17,557	17,009
Cooch Behar	11,425	10,892	11,410	10,560	12,538	11,197	11,626	10,963	10,513	9,614
West Dinajpur	11,123	10,005	12,960	11,849	14,354	12,918	19,237	18,145	15,646	14,559
Malda	11,611	10,440	10,725	9,578	11,035	9,788	14,408	12,398	12,761	11,608
Murshidabad	27,474	25,055	24,244	22,430	23,994	22,616	32,745	30,590	27,672	25,368
Nadia	18,638	16,951	18,018	16,437	17,496	16,251	22,437	20,338	20,013	18,397
24-Parganas	41,289	36,202	39,586	35,421	42,296	37,399	43,391	39,655	40,191	36,203
Calcutta	37,824	35,001	37,541	34,556	36,842	34,413	36,271	33,365	36,379	34,462
Howrah	14,334	12,951	14,117	12,402	14,018	12,657	13,424	11,939	14,450	13,030
Hooghly	22,089	19,743	19,466	17,795	18,480	16,948	17,399	15,800	17,264	16,298
Burdwan	31,365	29,499	27,848	25,883	25,339	23,800	28,297	26,500	27,764	25,354
Birbhum	19,248	18,173	17,104	16,308	17,123	16,198	22,380	21,303	17,876	17,074
Bankura	21,752	20,274	19,041	17,902	18,192	17,028	22,831	21,110	18,378	16,823
Midnapore	56,646	52,513	49,892	45,850	55,706	51,193	64,108	59,480	51,815	47,711
Purulia	*	*	6,159	4,967	4,049	3,396	5,858	4,821	4,922	4,150

* Figures are not available.

TABLE 3

Birth Rates (Number of Births per 1,000 of Total Population)
A—Calculated on the Population at the Census of 1951

State/District	Average of 1951-60		1951		1952		1953		1954		1955	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1	2	3	4	5	6	7	8	9	10	11	12	13
WEST BENGAL	**12.42**	**11.46**	**10.51**	**9.69**	**11.20**	**10.32**	**11.42**	**10.55**	**11.75**	**10.87**	**13.16**	**12.21**
Darjeeling	13.26	12.65	12.44	12.01	13.08	12.73	12.55	11.55	12.23	11.75	14.09	13.27
Jalpaiguri	18.49	17.86	15.29	14.53	16.39	15.95	15.67	15.08	15.61	15.06	19.27	18.81
Cooch Behar	11.94	11.04	*	*	*	*	7.96	7.36	11.66	10.57	14.07	13.14
West Dinajpur	12.21	11.25	8.26	7.39	9.98	9.55	9.27	8.54	9.10	8.43	10.62	9.65
Malda	12.56	11.16	10.42	9.18	12.14	10.63	13.22	11.76	11.43	10.25	13.78	12.31
Murshidabad	15.58	14.42	15.14	13.92	14.69	13.68	14.30	13.21	14.60	13.48	17.70	16.43
Nadia	14.72	13.50	10.73	9.83	11.46	10.46	11.24	10.44	13.47	12.29	15.95	14.79
24-Parganas	8.99	8.04	8.03	7.13	8.68	7.62	8.71	7.75	8.74	7.94	9.37	8.51
Calcutta	13.06	12.13	11.29	10.75	11.52	10.81	12.20	11.25	12.82	11.67	13.56	12.54
Howrah	8.51	7.73	7.96	7.23	8.81	7.82	8.26	7.68	7.81	7.32	8.58	8.12
Hooghly	11.66	10.63	10.27	9.32	11.14	10.02	11.77	10.69	11.98	11.19	12.44	11.10
Burdwan	12.63	11.76	10.97	10.23	11.98	11.08	12.14	11.28	12.77	11.78	14.27	13.45
Birbhum	17.33	16.35	15.50	14.29	17.23	16.17	17.33	16.43	17.00	16.08	18.38	17.06
Bankura	15.12	14.14	13.53	12.54	15.07	14.52	16.13	15.27	14.36	13.22	16.18	15.23
Midnapore	15.64	14.48	13.90	12.97	14.17	12.98	13.65	12.69	12.10	14.09	16.78	15.60
Purulia	1.80	1.48	*	*	*	*	*	*	*	*	*	*

State/District	1956		1957		1958		1959		1960	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1	14	15	16	17	18	19	20	21	22	23
WEST BENGAL	**13.30**	**12.24**	**12.67**	**11.66**	**12.85**	**11.82**	**14.47**	**13.36**	**12.92**	**11.94**
Darjeeling	13.77	12.60	13.57	13.13	14.00	13.56	13.32	12.53	13.60	13.34
Jalpaiguri	20.16	19.69	20.24	20.01	21.60	20.33	21.44	20.57	19.20	18.60
Cooch Behar	17.02	16.23	17.00	15.73	18.63	16.68	17.32	16.33	15.66	14.32
West Dinajpur	11.36	10.22	13.23	12.10	14.66	13.19	19.64	18.53	15.98	14.87
Malda	12.38	11.14	11.44	10.22	11.77	10.44	15.37	13.22	13.61	12.38
Murshidabad	16.01	14.60	14.13	13.66	13.98	13.18	19.08	17.83	16.13	14.79
Nadia	16.28	14.81	15.74	14.36	15.28	14.19	19.60	17.76	17.48	16.07
24-Parganas	9.26	8.12	8.88	7.94	9.48	8.39	9.73	8.89	9.01	8.12
Calcutta	14.16	13.11	14.06	12.94	13.79	12.89	13.58	12.49	13.62	12.90
Howrah	8.90	8.04	8.76	7.70	8.70	7.85	8.33	7.41	8.97	8.09
Hooghly	13.77	12.31	12.13	11.09	11.52	10.56	10.85	9.85	10.76	10.16
Burdwan	14.31	13.46	12.71	11.81	11.56	10.86	12.91	12.09	12.67	11.57
Birbhum	18.04	17.03	16.03	15.29	16.05	15.18	20.98	19.97	16.76	16.00
Bankura	16.49	15.37	14.43	13.57	13.79	12.91	17.31	16.00	13.93	12.75
Midnapore	16.86	15.63	14.85	13.65	16.58	15.24	19.09	17.71	15.43	14.20
Purulia	*	*	5.27	4.25	3.46	2.90	5.01	4.12	4.21	3.55

* Figures are not available.

TABLE 4

Birth Rates (Number of Births per 1,000 of Total Population)

B—Calculated on the Estimated Population on the 30th June of each year computed on the assumption that the Population changed at a uniform rate from one Census to the next

State/District	Average of 1951-60		1951		1952		1953		1954		1955	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1	2	3	4	5	6	7	8	9	10	11	12	13
WEST BENGAL	***11.11***	***10.25***	***11.32***	***10.44***	**11.67**	**10.76**	**11.22**	**10.36**	**11.18**	**10.34**	**11.65**	**10.80**
Darjeeling	11.30	10.78	12.29	11.87	12.48	12.15	11.58	10.66	10.92	10.50	12.19	11.49
Jalpaiguri	14.97	14.46	15.05	14.29	15.39	14.98	14.08	13.54	13.43	12.96	15.92	15.54
Cooch Behar	11.45	10.59	*	*	*	*	7.10	6.57	9.94	9.01	11.48	10.72
West Dinajpur	12.30	11.33	11.39	10.19	13.13	12.74	11.81	10.88	11.09	10.28	12.41	11.28
Malda	10.95	9.73	10.31	9.09	11.67	10.22	12.34	10.98	10.38	9.37	12.18	10.88
Murshidabad	13.41	12.46	14.97	13.77	14.06	13.09	13.26	12.26	13.14	12.12	15.46	14.34
Nadia	11.87	10.89	10.56	9.67	10.75	9.81	10.07	9.35	11.56	10.55	13.13	12.17
24-Parganas	7.46	6.68	7.66	6.81	7.96	6.99	7.95	7.08	7.69	6.99	7.96	7.23
Calcutta	12.56	11.67	11.81	11.24	11.98	11.25	11.84	10.92	12.33	11.24	12.94	11.97
Howrah	7.54	6.85	7.89	7.17	8.51	7.55	7.78	7.24	7.17	6.72	7.70	7.29
Hooghly	9.94	9.06	10.47	9.49	10.92	9.82	11.11	10.10	11.19	10.46	10.96	9.76
Burdwan	10.55	9.83	10.82	10.10	11.36	10.51	11.09	10.30	11.24	10.38	12.13	11.43
Birbhum	14.79	13.95	15.32	14.12	16.45	15.44	16.00	15.17	15.19	14.37	15.93	14.78
Bankura	13.42	12.55	13.41	12.43	14.56	14.03	15.21	14.39	13.21	12.16	14.53	13.68
Midnapo	13.70	12.68	13.77	12.85	13.64	12.49	12.78	11.88	13.76	12.84	14.89	13.84
Purulia	3.98	3.29	*	*	*	*	*	*	*	*	*	*

State/District	1956		1957		1958		1959		1960	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1	14	15	16	17	18	19	20	21	22	23
WEST BENGAL	**11.91**	**10.96**	**10.48**	**9.64**	**10.35**	**9.52**	**11.35**	**10.48**	**9.88**	**9.13**
Darjeeling	11.55	10.58	11.06	10.70	11.08	10.73	10.25	9.64	10.19	9.99
Jalpaiguri	16.00	15.63	15.48	15.30	15.92	14.99	15.26	14.64	13.20	12.79
Cooch Behar	13.33	12.71	12.79	11.84	13.53	12.08	12.09	11.40	10.55	9.65
West Dinajpur	12.75	11.47	10.82	9.89	11.65	10.49	15.19	14.33	12.03	11.19
Malda	10.66	9.58	9.60	8.57	9.63	8.54	12.27	10.56	10.61	9.65
Murshidabad	13.59	12.39	11.66	11.27	11.23	10.58	14.92	13.94	12.29	11.27
Nadia	12.87	11.71	11.97	10.92	11.20	10.41	13.86	12.57	11.94	10.98
24-Parganas	7.60	6.67	7.05	6.31	7.30	6.45	7.26	6.63	6.53	5.88
Calcutta	13.41	12.41	13.20	12.15	12.85	12.01	12.55	11.55	12.49	11.83
Howrah	7.79	7.04	7.50	6.59	7.28	6.58	6.82	6.07	7.19	6.48
Hooghly	11.39	10.18	9.73	8.89	8.95	8.21	8.18	7.43	7.88	7.44
Burdwan	11.76	11.06	10.10	9.39	8.91	8.36	9.64	9.03	9.18	8.39
Birbhum	19.17	14.32	13.09	12.48	12.73	12.04	16.18	15.40	12.58	12.02
Bankura	14.47	13.49	12.38	11.64	11.57	10.83	14.21	13.14	11.20	10.25
Midnapore	14.59	13.52	12.53	11.52	13.65	12.55	15.34	14.24	12.12	11.16
Purulia	*	*	4.77	3.85	3.09	2.59	4.41	3.63	3.65	3.08

* Figures are not available.

TABLE 5

Female Births reported per *mille* Male Births reported annually in each District, 1951-60

Year	WEST BENGAL	Darjeeling	Jalpaiguri	Cooch Behar	West Dinajpur	Malda	Murshidabad	Nadia	24-Parganas	Calcutta	Howrah	Hooghly	Burdwan	Birbhum	Bankura	Midnapore	Purulia
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Average for 1951-60	**922.72**	**953.64**	**966.29**	**924.53**	**921.14**	**888.75**	**925.64**	**916.87**	**894.62**	**929.18**	**908.23**	**911.42**	**931.41**	**943.52**	**934.91**	**925.53**	**825.90**
1951	922.23	965.89	950.08	..	895.25	881.41	919.84	915.38	888.62	952.03	909.43	906.74	932.82	921.52	926.86	933.43	.
1952	921.41	973.55	973.18	..	956.74	863.64	931.12	912.82	877.76	938.66	887.46	899.47	925.18	938.57	963.59	915.83	..
1953	923.53	920.26	962.19	924.96	921.38	889.61	924.15	928.58	889.80	921.67	929.93	908.67	928.83	948.50	946.68	929.79	..
1954	925.11	961.04	964.77	906.12	926.48	902.33	922.70	912.65	909.22	910.97	937.27	934.62	923.27	945.95	920.42	932.90	..
1955	927.40	942.24	976.17	933.81	909.02	893.21	927.99	926.90	908.29	925.20	946.84	892.48	942.88	928.20	941.12	929.56	..
1956	919.68	915.44	976.62	953.35	899.49	899.15	911.95	909.49	876.80	925.36	903.52	893.79	940.51	944.15	932.05	927.04	..
1957	923.14	967.77	988.76	925.50	914.27	893.05	925.18	912.25	894.79	920.49	878.52	914.16	929.44	953.46	940.18	918.99	806.46
1958	919.99	968.91	941.52	893.05	899.96	887.00	942.57	928.84	884.22	934.07	902.91	917.10	893.26	945.98	936.02	918.99	838.73
1959	923.28	940.69	959.36	942.97	943.23	860.49	934.19	906.45	913.90	919.88	889.38	908.10	936.50	951.88	924.62	927.81	822.98
1960	924.40	980.80	968.79	914.49	930.53	909.65	916.74	919.25	900.77	947.30	901.73	944.05	913.20	955.14	915.39	920.80	843.15

TABLE 6

Total Deaths 1951-60

State/District	1951-60		1951		1952		1953		1954		1955	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1	2	3	4	5	6	7	8	9	10	11	12	13
WEST BENGAL	**1,385,281**	**1,208,650**	**165,415**	**148,803**	**141,669**	**123,777**	**138,054**	**122,133**	**127,454**	**111,510**	**125,143**	**108,200**
Darjeeling	30,778	28,685	4,207	4,089	3,620	3,340	3,488	3,210	3,381	3,169	3,030	2,722
Jalpaiguri	66,764	61,686	8,340	7,691	7,841	7,452	7,791	7,361	6,595	6,128	6,501	5,966
Cooch Behar	29,198	24,089	*	*	*	*	2,740	2,640	3,998	3,379	3,691	2,923
West Dinajpur	55,634	47,714	6,924	6,096	5,630	5,044	5,484	4,966	5,478	4,619	4,317	3,490
Malda	50,963	42,638	6,527	5,637	5,130	4,123	5,293	4,878	5,111	4,173	4,012	3,148
Murshidabad	97,747	86,592	11,316	10,330	9,158	7,880	9,143	8,016	8,367	7,429	8,524	7,498
Nadia	56,413	47,593	7,464	6,614	5,442	4,833	5,281	4,625	4,847	4,053	4,839	4,010
24-Parganas	180,315	154,041	21,537	18,902	19,830	16,677	18,868	15,772	16,254	13,938	16,167	14,145
Calcutta	198,520	164,618	25,269	22,224	20,663	17,759	20,517	17,528	17,273	14,841	17,856	14,561
Howrah	81,640	70,337	10,720	9,572	8,942	7,536	8,644	7,603	7,117	6,268	7,423	6,301
Hooghly	70,356	59,135	8,693	7,587	7,696	6,429	7,468	6,397	6,652	5,706	6,661	5,716
Burdwan	106,905	93,289	13,393	11,830	11,757	10,099	11,062	9,853	10,133	8,853	9,992	8,738
Birbhum	71,161	65,900	9,696	9,070	7,032	6,321	6,352	5,842	6,603	6,105	6,268	5,760
Bankura	82,324	73,639	9,196	8,254	8,254	6,949	7,974	7,064	7,444	6,372	7,814	7,017
Midnapore	194,630	179,782	22,133	20,907	20,674	19,335	17,949	16,378	18,201	16,477	18,048	16,205
Purulia	11,933	8,912	*	*	*	*	*	*	*	*	*	*

State/District	1956		1957		1958		1959		1960	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1	14	15	16	17	18	19	20	21	22	23
WEST BENGAL	**124,530**	**108,869**	**151,447**	**132,609**	**143,822**	**125,977**	**128,634**	**08-359**	**139,113**	**118,413**
Darjeeling	2,658	2,399	2,608	2,487	2,777	2,479	2,413	2,326	2,596	2,464
Jalpaiguri	5,821	5,532	5,821	5,382	5,726	4,948	6,230	5,544	6,098	5,682
Cooch Behar	3,555	3,018	3,810	3,024	3,736	2,885	3,777	3,020	3,891	3,200
West Dinajpur	4,019	3,291	5,202	4,394	6,690	5,530	5,841	5,048	6,049	5,236
Malda	4,494	3,687	5,236	4,277	5,263	4,470	4,533	3,755	5,364	4,490
Murshidabad	8,860	7,995	11,094	9,901	12,650	11,844	9,457	7,939	9,178	7,760
Nadia	4,921	4,033	5,709	4,623	5,206	4,517	5,889	4,586	6,815	5,699
24-Parganas	15,875	13,602	19,993	17,755	18,210	15,698	15,518	12,594	18,063	14,958
Calcutta	17,970	15,109	22,166	17,861	18,944	15,263	18,898	14,528	18,964	14,944
Howrah	7,049	5,983	9,416	8,431	8,339	7,385	6,406	5,225	7,584	6,033
Hooghly	6,519	5,373	7,474	6,232	6,891	5,758	5,343	4,380	6,959	5,557
Burdwan	9,575	8,518	10,712	9,323	11,205	10,022	8,986	7,575	10,090	8,478
Birbhum	6,515	5,906	7,212	6,784	7,540	7,420	7,005	6,465	6,938	6,227
Bankura	8,089	7,407	9,452	8,917	8,287	7,514	7,475	6,712	8,339	7,433
Midnapore	18,610	17,016	22,051	20,618	19,382	18,075	18,037	16,584	19,545	18,187
Purulia	*	*	3,491	2,600	2,976	2,169	2,826	2,078	2,640	2,065

* Figures are not available.

TABLE 7

Death Rates (Number of Deaths per 1,000 of the same Sex)
A-Calculated on the Population as the Census of 1951

State/District	Average of 1951-60		1951		1952		1953		1954		1955	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1	2	3	4	5	6	7	8	9	10	11	12	13
WEST BENGAL	**8.48**	**8.48**	**11.75**	**12.20**	**10.06**	**10.15**	**9.80**	**10.02**	**9.05**	**9.14**	**8.89**	**8.87**
Darjeeling	12.47	13.48	17.05	19.21	14.67	15.69	14.14	15.08	13.70	14.89	12.28	12.79
Jalpaiguri	13.29	14.88	16.69	18.60	15.65	18.02	15.55	17.80	13.16	14.82	12.97	14.43
Cooch Behar	11.08	10.09	*	*	*	*	7.57	8.54	11.05	10.92	10.20	9.45
West Dinajpur	10.70	10.38	13.32	13.27	10.83	10.98	10.55	10.81	10.54	10.05	8.31	8.03
Malda	10.69	9.25	13.69	12.23	10.76	8.95	11.10	10.59	10.72	9.06	8.41	6.83
Murshidabad	11.24	10.23	13.01	12.21	10.53	9.31	10.52	9.47	9.62	8.78	9.80	8.86
Nadia	9.55	8.59	12.63	11.94	9.21	8.72	8.94	8.35	8.20	7.32	8.19	7.24
24-Parganas	7.47	7.54	8.92	9.25	8.21	8.16	7.81	7.72	6.73	6.82	6.69	6.92
Calcutta	11.63	16.63	14.80	22.42	12.10	17.92	12.02	17.69	10.12	14.97	10.46	14.69
Howrah	9.17	9.75	12.04	13.27	10.04	10.45	9.71	10.55	7.99	8.69	8.34	8.74
Hooghly	8.26	7.86	10.20	10.08	9.03	8.55	8.76	8.51	7.81	7.59	7.82	7.60
Burdwan	9.21	9.05	11.54	11.48	10.13	9.80	9.53	9.56	8.73	8.59	8.61	8.48
Birbhum	13.17	12.52	17.94	17.23	13.01	12.01	11.76	11.10	12.22	11.59	11.60	10.94
Bankura	12.36	11.45	13.81	12.83	12.40	10.80	11.98	10.98	11.18	9.90	11.74	10.91
Midnapore	11.33	10.96	12.88	12.74	12.03	11.79	10.44	9.98	10.59	10.04	10.50	9.88
Purulia	5.06	3.84	*	*	*	*	*	*	*	*	*	*

State/District	1956		1957		1958		1959		1960	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1	14	15	16	17	18	19	20	21	22	23
WEST BENGAL	**8.84**	**8.93**	**10.76**	**10.88**	**10.21**	**10.33**	**9.14**	**8.89**	**9.88**	**9.71**
Darjeeling	10.77	11.27	10.57	11.68	11.25	11.65	9.77	10.93	10.52	11.57
Jalpaiguri	11.62	13.38	11.62	8.66	11.43	11.97	12.43	13.41	12.17	13.74
Cooch Behar	9.82	9.76	10.53	9.78	18.30	12.15	10.44	9.76	10.75	10.35
West Dinajpur	7.73	7.16	10.01	9.56	12.87	12.03	12.24	10.98	11.64	11.39
Malda	9.43	8.00	10.98	9.28	11.04	9.70	9.51	8.15	11.25	9.74
Murshidabad	10.19	9.45	12.76	11.70	14.55	14.00	10.88	9.38	10.56	9.17
Nadia	8.33	7.28	9.66	8.34	8.81	8.15	9.97	8.28	11.53	10.29
24-Parganas	6.57	6.65	8.28	8.69	7.54	7.68	6.42	6.16	7.48	7.32
Calcutta	10.52	15.24	12.98	18.02	11.10	15.40	11.07	14.66	11.11	15.08
Howrah	7.92	8.30	10.58	11.69	9.37	10.24	7.20	7.25	8.52	8.37
Hooghly	7.56	7.14	8.77	8.29	8.09	7.66	6.27	5.82	8.17	7.39
Burdwan	8.25	8.26	9.23	9.04	0.65	9.72	7.74	7.35	8.69	8.22
Birbhum	12.06	11.22	13.35	12.88	13.95	14.09	12.96	12.29	12.84	11.83
Bankura	12.15	11.51	14.20	13.86	12.45	11.68	11.23	10.43	12.52	11.55
Midnapore	10.83	10.37	12.83	12.57	11.28	11.02	10.50	10.11	11.37	11.09
Purulia	*	*	5.92	4.49	5.05	3.74	4.79	3.59	4.48	3.36

* Figures are not available.

TABLE 8

Death Rates (Number of Death per 1,000 of the same Sex), 1951-60

B- Calculated on the Estimated Population on the 30th June of each year computed on the assumption that the Population changed at a uniform rate one Census to the next

State /District	Average of 1951-60		1951		1952		1953		1954		1955	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1	2	3	4	5	6	7	8	9	10	11	12	13
WEST BENGAL	**8.57**	**8.57**	**11.75**	**12.22**	**9.76**	**9.83**	**9.22**	**9.39**	**8.27**	**8.31**	**7.89**	**7.83**
Darjeeling	10.63	11.46	16.85	18.98	14.00	14.97	13.05	13.91	12.24	13.29	10.63	11.06
Jalpaiguri	10.88	11.60	16.39	18.29	14.74	16.87	14.03	15.90	11.40	12.65	10.80	11.80
Cooch Behar	8.61	7.63	*	*	*	*	6.79	7.56	9.49	9.23	8.40	7.63
West Dinajpur	10.87	10.37	18.39	18.27	14.49	14.58	13.51	13.69	12.94	12.16	9.79	8.80
Malda	9.32	8.14	13.55	12.11	10.34	8.60	10.36	9.89	9.73	8.23	7.43	6.04
Murshidabad	9.58	8.81	12.87	12.07	10.08	8.91	9.75	8.79	8.66	7.90	8.56	7.74
Nadia	7.72	6.90	12.43	11.74	8.65	8.17	8.02	7.47	7.05	6.26	6.76	5.94
24-Parganas	6.20	6.25	8.29	9.11	7.35	7.70	7.15	7.02	5.95	5.97	5.72	5.84
Calcutta	11.48	15.72	16.20	22.36	13.20	17.72	11.84	17.20	9.91	14.39	10.18	13.96
Howrah	8.12	8.65	11.94	13.16	9.70	10.10	9.14	9.93	7.40	7.99	7.48	7.84
Hooghly	7.07	6.87	10.42	10.25	8.88	8.35	8.31	8.00	7.14	6.88	6.91	6.65
Burdwan	7.63	7.64	11.38	11.33	9.58	9.32	8.66	8.78	7.64	7.62	7.26	7.27
Birbhum	10.67	10.96	17.02	17.38	11.46	11.95	10.25	10.55	10.22	10.57	9.48	9.77
Bankura	10.97	10.01	13.69	12.52	11.98	10.27	11.29	10.20	10.28	8.97	10.54	9.65
Midnapore	9.92	9.61	12.75	12.62	10.83	11.34	9.77	9.35	9.65	9.16	9.31	8.77
Purulia	4.47	3.42	*	*	*	*	*	*	*	*	*	*

State/District	1956		1957		1958		1959		1960	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1	14	15	16	17	18	19	20	21	22	23
WEST BENGAL	**7.62**	**7.63**	**8.93**	**8.95**	**8.27**	**8.27**	**7.21**	**6.93**	**7.60**	**7.38**
Darjeeling	9.05	9.45	8.62	9.51	8.92	9.21	7.53	8.40	7.89	8.66
Jalpaiguri	9.31	10.50	8.98	6.44	8.53	8.69	8.97	9.39	8.49	9.29
Cooch Behar	7.78	7.54	8.03	7.24	13.45	8.65	7.41	6.69	7.37	6.83
West Dinajpur	8.77	7.95	8.25	7.75	10.33	9.47	8.78	8.40	8.86	8.47
Malda	8.11	6.89	9.21	7.79	9.02	7.94	7.58	6.51	8.76	7.60
Murshidabad	8.65	8.02	10.53	9.65	11.68	11.24	8.51	7.33	8.04	6.99
Nadia	6.61	5.73	7.38	6.32	6.49	5.95	7.08	5.83	7.92	6.99
24-Parganas	5.43	5.42	6.62	6.84	5.85	5.85	4.84	4.55	5.47	5.24
Calcutta	10.18	14.32	12.48	16.73	10.60	14.14	10.51	13.31	10.49	13.54
Howrah	6.93	7.27	9.05	10.02	7.84	8.58	5.89	5.84	6.82	6.72
Hooghly	6.35	5.89	7.06	6.61	6.31	5.92	4.75	4.37	6.01	5.38
Burdwan	6.71	6.87	7.26	7.28	7.34	7.60	5.70	5.58	6.21	6.07
Birbhum	9.43	9.79	10.52	10.71	11.18	11.12	9.48	9.74	8.89	9.27
Bankura	10.66	9.95	12.17	11.71	10.44	9.65	9.21	8.44	10.06	9.15
Midnapore	9.36	8.98	10.11	10.61	9.28	9.08	8.43	8.14	8.92	8.72
Purulia	*	*	5.35	4.08	4.49	3.36	4.20	3.17	3.87	3.11

* Figures are not available.

TABLE 9

Female Deaths per *mille* Male Deaths in each District, 1951-60

Year	WEST BENGAL	Darjee-ling	Jalpai-guri	Cooch Behar	West Dinaj-pur	Malda	Murshi-dabad	Nadia	24-Par-ganas	Calcutta	Howrah	Hooghly	Burd-wan	Bir-bhum	Ban-kura	Midna-pore	Purulia
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Average for 1951-60	**872.49**	**932.00**	**923.94**	**778.04**	**857.64**	**836.65**	**885.88**	**843.65**	**854.29**	**829.23**	**861.60**	**840.51**	**872.63**	**926.07**	**894.50**	**923.71**	**746.84**
1951	899.57	971.95	922.18	..	880.42	863.64	912.87	886.12	877.65	879.50	829.91	872.77	883.30	935.44	897.56	944.61	..
1952	873.71	922.65	950.39	..	895.91	803.70	860.45	888.09	841.00	859.46	842.76	835.37	858.98	898.89	841.89	935.23	..
1953	884.68	920.30	944.81	963.50	905.54	921.59	876.74	875.78	835.91	854.32	879.57	856.59	890.71	919.71	885.88	912.47	..
1954	874.90	937.30	929.19	845.17	843.19	816.47	887.89	836.19	857.51	859.20	880.71	857.88	873.68	924.58	855.99	905.28	..
1955	864.61	898.35	917.70	791.93	808.43	784.65	879.63	828.68	874.93	815.47	848.85	858.13	874.50	918.95	898.00	897.88	..
1956	874.24	902.56	950.35	848.95	818.86	820.45	902.37	819.55	856.82	840.79	848.77	824.21	889.61	906.52	915.69	914.35	..
1957	875.61	953.60	924.58	793.70	844.68	816.84	892.46	809.77	888.06	805.78	895.39	833.82	870.33	940.65	943.40	935.01	744.77
1958	875.92	892.69	864.13	772.21	826.61	849.33	936.28	867.65	862.05	805.69	885.60	835.58	894.42	984.08	906.72	932.57	728.83
1959	842.38	963.95	889.89	799.58	864.24	828.37	839.48	778.74	811.57	768.76	815.64	819.76	842.98	922.91	897.93	919.44	735.31
1960	851.20	949.15	931.78	822.41	865.60	837.06	845.50	836.24	828.10	788.02	795.49	815.64	840.24	897.52	891.35	930.52	782.20

TABLE 10.1A

Number of Deaths annually reported for each Sex by Age-groups, 1951-60

A—MALES

Age	1951	1952	1953	1954	1955	1956	1957	1958	1959*	1960*	1951-58	Male deaths per *mille* female deaths, average 1951-58
1	2	3	4	5	6	7	8	9	10	11	12	13
ALL AGES	**165,415**	**141,669**	**138,054**	**127,454**	**125,143**	**124,530**	**151,447**	**143,822**	**18,898**	**18,964**	**1,117,534**	**1,138.16**
Within 24 hours	2,585	2,580	2,303	2,207	2,155	2,140	2,002	1,954	479	457	17,926	1,361.23
1 day to 1 week	7,100	7,311	6,891	6,527	6,930	6,865	5,596	5,529	1,171	1,090	52,749	1,295.85
1 week to 1 month	6,805	7,077	6,654	6,456	6,805	6,707	5,997	6,065	1,081	971	52,566	1,285.08
Between 1 month and 3 months	5,268	5,396	4,871	4,897	5,083	5,094	5,184	5,294	783	701	41,087	1,217.65
Between 3 months and 6 months	4,935	4,273	4,434	4,124	4,104	4,003	5,129	4,463	618	580	35,465	1,136.37
Between 6 months and 12 months	4,993	4,295	4,761	4,364	4,154	3,969	5,851	5,263	927	847	37,650	1,057.38
1— 5 Years	22,381	16,031	17,316	15,685	16,115	15,593	23,474	21,535	2,115	2,096	148,130	1,015.43
5—10 ,,	10,113	6,881	6,313	5,084	4,904	4,938	6,950	6,858	544	570	52,041	1,080.88
10—15 ,,	5,855	4,322	3,838	3,263	3,036	2,824	3,250	3,473	289	306	29,861	1,195.16
15—20 ,,	6,197	4,682	4,203	3,664	3,433	3,345	3,873	3,578	398	407	32,975	670.85
20—30 ,,	14,543	12,190	11,007	9,514	8,794	8,329	9,610	9,579	1,300	1,176	83,566	764.91
30—40 ,,	15,133	13,417	12,425	10,841	9,939	9,482	10,893	10,831	1,354	1,381	92,961	1,126.64
40—50 ,,	16,177	14,253	13,782	12,470	11,843	11,463	13,723	13,189	1,816	1,853	106,900	1,580.05
50—60 ,,	16,277	14,812	14,535	13,640	12,987	13,184	16,160	15,303	2,165	2,306	116,898	1,495.34
60 and above	27,053	24,149	24,721	24,718	24,861	26,594	33,755	30,908	3,858	4,223	216,759	1,198.89

* Figures relate to the district of Calcutta only.

TABLE 10.1B

Number of Deaths annually reported for each Sex by Age-groups, 1959-60*

A—MALES

Age	1959*	1960*	1959-60*	Male deaths per *mille* female deaths, average 1959-60
1	2	3	4	5
ALL AGES	**109,736**	**120,149**	**229,885**	**1,165.18**
Within 24 hours	1,314	754	2,068	1,428.18
1 day — 6 days	4,922	4,831	9,753	1,310.00
7 days—27 days	5,350	4,425	9,775	1,330.84
28 days— 3 months	4,292	4,403	8,695	1,199.64
3 months—5 months	3,176	3,636	6,812	1,154.97
6 months—11 months	4,334	4,584	8,918	1,118.24
1 year —4 years	11,528	16,441	27,969	982.99
5 years—9 years	4,974	5,794	10,768	1,079.28
10 years—14 years	2,409	2,422	4,831	1,219.03
15 years—19 years	2,351	2,243	4,594	715.46
20 years—24 years	2,521	2,284	4,805	654.28
25 years—29 years	3,219	2,930	6,149	713.67
30 years—34 years	3,801	3,788	7,589	883.16
35 years—39 years	3,523	3,800	7,323	1,153.05
40 years—44 years	5,051	5,258	10,309	1,553.03
45 years—49 years	4,480	4,787	9,267	1,859.72
50 years—54 years	6,688	6,990	13,678	1,442.98
55 years—59 years	5,180	5,602	10,782	1,746.92
60 years—64 years	8,477	9,613	18,090	1,330.93
65 years—69 years	4,521	5,276	9,797	1,453.78
70 years—74 years	6,034	7,126	13,160	1,256.92
75 years—79 years	3,490	4,231	7,721	1,251.99
80 years—84 years	4,059	7,510	11,569	1,055.66
85 years and above	4,042	1,421	5,463	1,088.68

* Figures relate to the districts excluding Calcutta.

TABLE 11.1A

Number of Deaths annually reported for each Sex by Age-groups, 1951-60

B—FEMLES

Age	1951	1952	1953	1954	1955	1956	1957	1958	1959*	1960*	1951-58	Female deaths per *mille* male deaths, average 1951-58
1	2	3	4	5	6	7	8	9	10	11	12	13
ALL AGES	**148,803**	**123,777**	**122,133**	**111,510**	**108,200**	**108,869**	**132,609**	**125,977**	**14,528**	**14,944**	**981,878**	**878.61**
Within 24 hours	1,822	1,853	1,708	1,636	1,565	1,652	1,508	1,425	322	300	13,169	734.63
1 day to 1 week	6,404	5,542	5,073	5,004	5,111	5,219	4,297	4,056	803	716	40,706	771.69
1 week to 1 month	5,366	5,603	5,099	5,067	5,152	5,195	4,728	4,695	809	835	40,905	778.16
Between 1 month and 3 months	4,577	4,403	4,135	3,811	4,183	3,964	4,286	4,354	673	699	33,743	821.26
Between 3 months and 6 months	4,424	3,847	3,852	3,557	3,503	3,436	4,595	3,995	525	624	31,209	879.90
Between 6 months and 12 months	4,8[illegible]1	4,119	4,519	3,959	3,865	3,848	5,535	4,901	881	896	35,607	945.74
1— 5 years	22,051	15,766	17,044	15,461	15,674	15,452	23,147	21,284	2,202	2,250	145,879	984.80
5—10 ,,	9,460	6,350	5,973	4,568	4,452	4,398	6,387	6,550	488	514	48,147	925.17
10—15 ,,	4,952	3,532	3,248	2,692	2,535	2,239	2,804	2,983	235	231	24,985	836.71
15—20 ,,	8,392	7,092	6,860	5,846	5,384	5,117	5,332	5,131	403	403	49,154	1,490.64
20—30 ,,	18,108	15,476	14,948	12,777	11,525	11,468	12,604	12,344	1,118	1,063	109,250	1,307.35
30—40 ,,	13,621	11,641	10,858	9,489	8,705	8,633	9,801	9,764	837	892	82,512	887.60
40—50 ,,	10,784	8,935	8,698	7,860	7,102	7,283	8,561	8,414	846	829	67,637	632.71
50—60 ,,	11,598	9,751	9,683	9,244	8,674	8,674	10,578	9,973	1,080	1,131	78,175	668.75
60 and above	22,374	19,867	20,435	20,539	20,770	22,261	28,446	26,108	3,306	3,561	180,800	834.11

* Figures relate to the district of Calcutta Only.

TABLE 11.1B

Number of Deaths annually reported for each Sex by Age-groups, 1959-60*

B—FEMALES

Age	1959*	1960*	1959-60*	Female deaths per *mille* male deaths, average 1959-60
1	2	3	4	5
ALL AGES	**93,831**	**103,469**	**197,300**	**858.23**
Within 24 hours	926	522	1,448	700.19
1 day— 6 days	3,703	3,742	7,445	763.35
7 days—27 days	3,918	3,427	7,345	751.41
28 days—3 months	3,516	3,732	7,248	833.58
3 months— 5 months	2,689	3,209	5,898	865.83
6 months—11 months	3,835	4,140	7,975	894.26
1 year — 4 years	11,969	16,490	28,459	1,017.30
5 years— 9 years	4,649	5,328	9,977	926.54
10 years—14 years	2,002	1,961	3,963	820.33
15 years—19 years	3,406	3,015	6,421	1,397.69
20 years—24 years	3,993	3,351	7,344	1,528.41
25 years—29 years	4,497	4,119	8,616	1,401.20
30 years—34 years	4,199	4,394	8,593	1,132.30
35 years—39 years	3,092	3,259	6,351	867.27
40 years—44 years	3,286	3,352	6,638	643.90
45 years—49 years	2,444	2,539	4,983	537.71
50 years—54 years	4,246	5,233	9,479	693.01
55 years—59 years	2,936	3,236	6,172	572.44
60 years—64 years	6,458	7,134	13,592	751.35
65 years—69 years	3,139	3,600	6,739	687.86
70 years—74 years	4,779	5,691	10,470	795.59
75 years—79 years	2,686	3,481	6,167	789.73
80 years—84 years	3,718	7,241	10,959	947.27
85 years and above	3,745	1,273	5,018	918.54

* Figures relate to the districts excluding Calcutta.

TABLE 12

Female Deaths per *mille* Male Deaths annually by Religions, 1951-60

Annual Average	Hindus	Muslims	Christians
1	2	3	4
1951-1960	875.28	860.98	908.65
1951	903.51	885.36	955.82
1952	877.40	860.22	938.78
1953	887.00	880.74	820.48
1954	878.44	865.38	881.26
1955	869.20	847.68	913.70
1956	*	*	*
1957	877.65	867.18	913.64
1958	871.38	886.02	1,150.21
1959	847.72	821.21	772.46
1960	858.39	820.99	889.97

* Figures are not available.

TABLE 13.1

Annual Deaths from CHOLERA by Sex, 1951-60

State/District	1951–60				1951				1952				1953				1954				1955	
	Male	Rate Average	Female	Rate Average	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
WEST BENGAL	**21,143**	**0.13**	**21505**	**0.16**	**2,890**	**0.22**	**2,786**	**0.25**	**3,009**	**0.22**	**3,048**	**0.26**	**3,856**	**0.27**	**3,932**	**0.32**	**1,037**	**0.07**	**1,028**	**0.08**	**1,995**	**0.13**
Darjeeling	14	0.005	7	0.003	3	0.01	2	0.009	2	0.008	1	0.004	1	0.004	..	..	3	0.01	3	0.01	..	..
Jalpaiguri	65	0.01	71	0.01	1	0.002	..	..	..	..	..	..	34	0.06	36	0.08	2	0.003	..	..	20	0.03
Cooch Behar	16	0.004	12	0.003	..	..	..	..	..	..	..	..	9	0.02	9	0.03	3	0.007	1	0.002	2	0.005
West Dinajpur	65	0.01	85	0.02	15	0.04	13	0.04	5	0.01	7	0.02	13	0.03	18	0.05	6	0.01	5	0.01	1	0.002
Malda	238	0.04	269	0.05	3	0.006	12	0.03	19	0.04	13	0.03	19	0.04	31	0.06	11	0.02	11	0.02	2	0.004
Murshidabad	642	0.06	798	0.08	18	0.02	18	0.02	137	0.15	164	0.18	222	0.24	295	0.32	14	0.01	13	0.01	49	0.05
Nadia	526	0.07	637	0.09	107	0.18	118	0.21	83	0.13	102	0.17	72	0.11	105	0.17	17	0.02	21	0.03	78	0.11
24-Parganas	5,200	0.18	5,487	0.22	699	0.27	732	0.35	801	0.30	841	0.39	827	0.31	808	0.34	202	0.07	204	0.09	415	0.15
Calcutta	5,932	0.34	5,197	0.50	935	0.60	731	0.74	696	0.44	624	0.62	1,144	0.66	1,009	0.99	320	0.18	334	0.32	556	0.32
Howrah	3,192	0.32	3,389	0.42	408	0.45	466	0.64	473	0.51	538	0.72	587	0.62	622	0.81	199	0.12	209	0.27	391	0.39
Hooghly	1,222	0.13	1,163	0.16	160	0.19	132	0.18	190	0.22	186	0.24	225	0.25	222	0.28	105	0.11	79	0.10	144	0.15
Burdwan	1,197	0.09	1,252	0.10	181	0.15	180	0.17	208	0.17	163	0.15	217	0.17	264	0.24	83	0.06	78	0.07	140	0.10
Birbhum	380	0.06	427	0.07	73	0.13	85	0.16	37	0.07	37	0.07	84	0.14	94	0.16	11	0.02	13	0.02	25	0.04
Bankura	698	0.10	790	0.11	68	0.10	56	0.08	70	0.10	69	0.10	96	0.14	109	0.16	22	0.03	17	0.02	50	0.07
Midnapore	1,579	0.08	1,748	0.09	219	0.13	241	0.14	288	0.16	303	0.18	306	0.17	310	0.18	39	0.02	40	0.02	122	0.06
Purulia	177	0.03	173	0.03	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	..	..

State/District	1955		1956				1957				1958				1959				1960			
	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate
1	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
WEST BENGAL	**1,967**	**0.15**	**1,949**	**0.12**	**2,199**	**0.16**	**1,939**	**0.13**	**2,136**	**0.14**	**2,728**	**0.16**	**2,567**	**0.17**	**773**	**0.04**	**839**	**0.05**	**967**	**0.05**	**1,003**	**0.06**
Darjeeling	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	0.001	..	..	1	0.003	1	0.004
Jalpaiguri	23	0.05	..	..	..	..	6	0.009	11	0.02	1	0.001	1	0.002	..	..	..	..	1	0.001	..	..
Cooch Behar	1	0.003	2	0.004	1	0.002	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
West Dinajpur	1	0.003	12	0.03	18	0.04	1	0.002	1	0.002	..	..	..	..	2	0.003	..	..	10	0.01	22	0.04
Malda	1	0.002	144	0.26	177	0.33	26	0.05	15	0.03	6	0.01	3	0.005	1	0.002	..	..	7	0.01	6	0.01
Murshidabad	71	0.07	164	0.16	207	0.21	17	0.02	22	0.02	7	0.006	4	0.004	8	0.007	2	0.002	6	0.005	2	0.002
Nadia	77	0.11	84	0.11	107	0.15	36	0.05	55	0.08	27	0.03	28	0.04	..	..	3	0.004	22	0.01	21	0.02
24-Parganas	432	0.19	408	0.14	455	0.18	672	0.22	744	0.29	699	0.22	751	0.28	191	0.06	220	0.07	286	0.09	300	0.10
Calcutta	472	0.45	416	0.24	429	0.41	324	0.18	298	0.28	1,006	0.56	745	0.69	259	0.14	270	0.25	276	0.15	285	0.26
Howrah	414	0.52	224	0.21	221	0.27	237	0.23	280	0.33	416	0.39	415	0.48	110	0.10	103	0.11	147	0.13	121	0.13
Hooghly	148	0.17	83	0.08	92	0.10	94	0.09	98	0.34	165	0.15	147	0.15	25	0.02	22	0.02	31	0.03	37	0.04
Burdwan	147	0.12	127	0.09	149	0.12	116	0.08	68	0.05	104	0.07	144	0.11	11	0.007	11	0.006	10	0.01	48	0.03
Birbhum	36	0.06	86	0.13	92	0.14	15	0.02	15	0.02	21	0.03	11	0.02	24	0.03	36	0.05	4	0.006	8	0.01
Bankura	50	0.07	125	0.16	156	0.21	92	0.12	140	0.18	48	0.06	42	0.05	88	0.10	121	0.15	39	0.07	30	0.04
Midnapore	94	0.05	74	0.04	95	0.05	236	0.11	317	0.16	156	0.07	204	0.10	28	0.01	36	0.02	111	0.05	108	0.05
Purulia	..	..	..	..	..	..	67	0.10	72	0.11	72	0.11	72	0.11	22	0.03	15	0.02	16	0.02	14	0.02

TABLE 13.2

Annual Deaths from FEVER by Sex, 1951-58

State/District	1951–58				1951				1952				1953				1954	
	Male	Rate Average	Female	Rate Average	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
WEST BENGAL	**448,830**	**3.71**	**412.892**	**3.93**	**67,678**	**5.16**	**63,266**	**5.61**	**59,388**	**4.39**	**54,303**	**4.66**	**57,619**	**4.01**	**53,462**	**4.31**	**53,700**	**3.63**
Darjeeling	11,858	4.10	10,711	4.29	2,130	8.53	2,028	9.41	1,874	7.25	1,640	7.35	1,694	6.34	1,511	6.55	1,592	5.77
Jalpaiguri	19,084	3.11	16,037	3.24	2,990	5.88	2,758	6.56	2,963	5.57	2,560	5.79	3,046	5.49	2,710	5.85	2,384	4.12
Cooch Behar	11,281	2.52	9,790	2.50	..	..	..	..	..	..	..	..	1,574	3.90	1,553	4.45	2,052	4.87
West Dinajpur	22,255	4.34	18,972	4.12	3,619	9.61	3,221	9.65	3,139	8.08	2,862	8.28	2,926	7.21	2,652	7.31	2,879	6.80
Malda	27,410	5.01	23,153	4.38	4,133	8.58	3,523	7.57	3,724	7.51	3,054	6.37	3,860	7.56	3,571	7.24	3,717	7.08
Murshidabad	46,799	4.63	42,651	4.34	6,464	7.35	6,022	7.04	5,399	5.94	4,732	5.35	5,870	6.26	5,307	5.82	5,447	5.64
Nadia	24,431	3.48	21,377	3.10	4,033	6.72	3,521	6.25	3,600	5.72	3,267	5.53	3,423	5.20	3,037	4.90	2,851	4.15
24-Parganas	53,773	1.85	47,433	2.00	8,572	3.30	7,481	3.61	8,069	2.99	7,081	3.27	7,557	2.87	6,437	2.86	6,501	2.38
Calcutta	13,485	0.77	11,050	1.05	2,453	1.57	2,194	2.21	1,796	1.15	1,595	1.59	1,798	1.04	1,594	1.56	1,471	0.84
Howrah	10,151	1.01	9.112	1.12	1,746	1.94	1,569	2.16	1,548	1.68	1,236	1.66	1,388	1.47	1,253	1.64	1,127	1.16
Hooghly	16,855	1.84	16,281	1.84	2,860	3.43	2,764	3.73	2,367	2.73	2,264	2.94	2,208	2.46	2,093	2.62	1,908	2.05
Burdwan	42,225	3.01	40,825	3.34	6,342	5.39	5,943	5.69	5,709	4.65	5,394	4.98	5,186	4.66	5,143	4.58	4,775	3.60
Birbhum	39,520	6.43	38,487	6.24	6,868	12.56	6,618	12.42	4,526	8.00	4,261	7.73	4,137	7.07	3,990	7.00	4,548	7.52
Bankura	33,989	4.53	33,548	4.56	4,528	6.74	4,592	6.97	4,133	6.00	3,772	5.58	4,199	5.94	4,004	5.78	3,972	5.49
Midnapore	70,554	3.59	69,655	3.72	10,940	6.30	11,032	6.66	10,541	5.90	10,585	6.21	8,753	4.77	8,607	4.91	8,476	4.58
Purulia	5,160	0.81	3,810	0.61	..	..	..	..	..	..	..	..	..	..	..	..	..	..

State/District	1954		1955				1956				1957				1958			
	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate
1	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37
WEST BENGAL	**49,732**	**3.88**	**49,163**	**3.23**	**44,875**	**3.40**	**47,492**	**3.02**	**41,931**	**3.08**	**60,606**	**3.58**	**55,828**	**3.77**	**53,184**	**3.06**	**49,495**	**3.25**
Darjeeling	1,452	6.09	1,355	4.76	1,263	5.13	1,186	4.04	1,015	4.05	1,052	3.48	941	3.60	975	3.13	861	3.20
Jalpaiguri	2,059	4.25	2,191	3.64	1,865	3.69	1,903	3.04	1,023	2.70	1,839	2.84	1,613	2.94	1,768	2.63	1,449	2.54
Cooch Behar	1,850	5.05	2,005	4.57	1,583	4.13	1,818	3.98	1,641	4.10	1,949	4.11	1,657	3.97	1,883	3.83	1,506	3.47
West Dinajpur	2,424	6.38	2,003	4.54	1,573	3.96	1,901	4.15	1,481	3.58	2,566	4.07	2,141	3.78	3,222	4.97	2,618	4.48
Malda	3,075	6.06	2,550	4.72	2,063	3.96	2,882	5.20	2,291	4.28	3,499	6.15	2,953	5.38	3,045	5.22	2,623	4.65
Murshidabad	5,042	5.36	5,477	5.50	4,925	5.08	4,944	4.83	4,458	4.47	6,648	6.31	6,001	5.85	6,550	6.05	6,164	5.85
Nadia	2,465	3.81	2,656	3.70	2,284	3.4	2,437	3.3	2,127	3.02	3,102	4.0	2,549	3.49	2,329	2.5	2,127	2.80
24-Parganas	5,891	2.52	5,765	2.04	5,351	2.21	5,387	1.84	4,353	1.90	6,634	2.20	6,080	2.34	5,288	1.70	4,759	1.77
Calcutta	1,200	1.16	1,240	0.71	1,101	1.06	1,948	0.54	861	0.82	1,862	1.05	1,718	1.61	917	0.51	787	0.73
Howrah	1,079	1.38	1,148	1.16	960	1.19	942	0.93	882	1.07	1,253	1.20	1,221	1.45	999	0.94	912	1.06
Hooghly	1,901	2.29	1,869	1.94	1,795	2.09	1,811	1.76	1,705	1.87	2,024	1.91	1,964	2.08	1,808	1.66	1,795	1.85
Burdwan	4,624	3.98	4,731	3.44	4,552	3.79	4,362	3.06	4,434	3.57	5,869	3.98	5,542	1.33	5,251	3.44	5,193	3.94
Birbhum	4,556	7.74	4,328	6.94	4,186	6.81	4,574	7.11	4,312	6.89	5,294	8.00	5,227	8.11	5,245	8.83	5,337	8.04
Bankura	3,764	5.30	3,988	5.38	4,013	5.52	3,935	5.18	3,927	5.28	5,018	6.46	5,147	6.76	4,216	5.31	4,329	5.56
Midnapore	8,350	4.64	7,857	4.06	7,361	3.98	7,462	3.75	7,421	3.92	9,037	4.43	8,860	4.56	7,488	3.58	7,439	3.74
Purulia	..	..	..	..	..	..	..	..	..	..	12,960	4.53	2,214	3.47	2,200	3.32	1,596	2.47

TABLE 13.3

Annual Deaths from SMALL-POX by Sex, 1951-60

State/District	1951-60				1951				1952				1953				1954				1955	
	Male	Rate Average	Female	Rate Average	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
WEST BENGAL	**30,276**	**0.19**	**31,306**	**0.23**	**13,208**	**1.01**	**13680**	**1.21**	**1,766**	**0.01**	**1,808**	**0.16**	**282**	**0.02**	**231**	**0.02**	**420**	**0.03**	**430**	**0.03**	**256**	**0.02**
Darjeeling	128	0.04	88	0.04	37	0.15	36	0.17	2	0.008	1	0.004	28	0.01	9	0.04	13	0.05	13	0.05	..	.
Jalpaiguri	66	0.01	53	0.01	32	0.06	16	0.04	4	0.008	..	..	1	0.002	1	0.002	..	.	2	0.004	7	0.01
Cooch Behar	37	0.01	52	0.01	..	..	..	.	.	..	..	..	1	0.002	1	0.003	..	..	..	..	..	.
West Dinajpur	1,290	0.25	1,261	0.27	558	1.48	464	1.39	63	0.16	78	0.23	10	0.02	8	0.02	..	..	..	..	..	.
Malda	1,942	0.36	1,934	0.37	917	1.90	917	1.97	54	0.11	44	0.09	..	..	..	..	..	..	..	..	..	.
Murshidabad	3,599	0.36	3,561	0.36	1,142	1.30	1,073	1.25	287	0.31	278	0.31	2	0.002	..	..	6	0.006	9	0.01	1	0.001
Nadia	1,680	0.23	1,841	0.27	1,127	1.88	1,161	2.06	60	0.10	73	0.12	3	0.005	1	0.002	2	0.003	3	0.005	..	..
24-Parganas	5,040	0.16	5,337	0.20	1,362	0.52	1,470	0.71	479	0.18	510	0.24	115	0.04	95	0.04	123	0.05	130	0.06	60	0.02
Calcutta	4,855	0.28	5,032	0.48	3,150	2.02	3,487	3.51	89	0.06	94	0.09	80	0.05	84	0.08	88	0.05	96	0.09	29	0.02
Howrah	3,853	0.38	3,925	0.48	1,630	1.81	1,669	2.29	78	0.08	80	0.10	17	0.02	11	0.01	46	0.05	39	0.05	40	0.04
Hooghly	1,279	0.14	1,203	0.14	503	0.60	476	0.64	49	0.06	43	0.06	1	0.001	2	0.003	14	0.02	8	0.01	8	0.008
Burdwan	2,610	0.19	2,907	0.24	1,043	0.89	1,155	1.11	179	0.15	179	0.17	18	0.01	15	0.01	91	0.07	75	0.06	8	0.006
Birbhum	1,058	0.17	1,133	0.18	384	0.70	420	0.79	260	0.46	236	0.43	..	..	..	.	9	0.01	10	0.02	..	
Bankura	1,191	0.16	1,237	0.17	686	1.02	685	0.04	98	0.14	107	0.16	3	0.004	2	0.003	22	0.03	39	0.05	6	0.008
Midnapore	1,424	0.07	1,559	0.08	637	0.38	651	0.39	64	0.04	85	0.05	3	0.002	2	0.002	6	0.003	6	0.003	97	0.05
Purulia	224	0.04	183	0.03	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

State/District	1955		1956				1957				1958				1959				1960			
	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate
1	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
WEST BENGAL	**246**	**0.02**	**582**	**0.04**	**603**	**0.04**	**5,018**	**0.30**	**5,077**	**0.34**	**7,307**	**0.42**	**7,784**	**0.51**	**1,131**	**0.06**	**1,161**	**0.07**	**306**	**0.02**	**286**	**0.02**
Darjeeling	.	..	..	..	1	0.004	..	..	2	0.008	15	0.05	5	0.02	32	0.11	20	0.07	1	0.003	1	0.004
Jalpaiguri	1	0.002	3	0.005	2	0.004	7	0.01	7	0.01	10	0.01	15	0.03	2	0.003	9	0.02	..	..	..	.
Cooch Behar	..	..	1	0.002	..	..	2	0.004	1	0.002	31	0.06	45	0.10	2	0.004	5	0.01	..	..	..	
West Dinajpur	.	..	22	0.05	18	0.04	49	0.08	56	0.10	467	0.72	521	0.89	103	0.15	105	0.17	18	0.03	11	0.02
Malda	.	.	39	0.07	56	0.10	193	0.34	171	0.31	675	0.12	681	0.12	63	0.11	62	0.11	1	0.002	3	0.005
Murshidabad	3	0.003	61	0.06	75	0.08	695	0.66	729	0.71	1,387	1.27	1,374	1.31	17	0.02	19	0.02	1	0.0009	1	0.0009
Nadia	.	..	1	0.001	6	0.009	57	0.07	78	0.11	375	0.47	440	0.58	53	0.06	76	0.10	2	0.002	3	0.004
24-Parganas	44	0.02	88	0.03	93	0.04	954	0.32	1,127	0.43	1,358	0.34	1,401	0.37	297	0.09	276	0.10	204	0.06	191	0.07
Calcutta	17	0.02	155	0.09	138	0.13	1,104	0.62	968	0.91	134	0.07	128	0.12	23	0.01	17	0.02	3	0.002	3	0.003
Howrah	54	0.07	93	0.09	86	0.10	1,163	1.12	1,134	1.35	742	0.70	807	0.94	18	0.02	21	0.02	26	0.02	24	0.03
Hooghly	5	0.006	45	0.04	44	0.05	361	0.34	324	0.34	255	0.23	243	0.25	35	0.03	50	0.05	8	0.007	8	0.008
Burdwan	11	0.009	23	0.02	24	0.02	116	0.08	138	0.11	909	0.60	1,046	0.80	195	0.12	236	0.17	28	0.02	28	0.02
Birbhum	1	0.002	..	..	1	0.002	42	0.06	46	0.07	314	0.46	377	0.57	49	0.07	42	0.06	..	..		..
Bankura	9	0.01	30	0.04	31	0.04	64	0.08	78	0.10	178	0.22	178	0.23	102	0.12	103	0.13	2	0.005	5	0.004
Midnapore	101	0.05	21	0.01	28	0.01	181	0.09	198	0.10	348	0.17	433	0.21	62	0.03	54	0.03	5	0.002	1	0.0005
Purulia	..	..	..	..	..	..	30	0.05	20	0.03	109	0.16	90	0.13	78	0.12	66	0.10	7	0.01	7	0.01

TABLE 13.4

Annual Deaths from DYSENTERY, DIARRHŒA and ENTERIC GROUP OF FEVER by Sex, 1951-60

State/District	1951-60				1951				1952				1953				1954				1955	
	Male	Rate Average	Female	Rate Average	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
WEST BENGAL	**94,017**	**0.60**	**90,008**	**0.66**	**11,403**	**0.87**	**10,664**	**0.95**	**9,723**	**0.72**	**9,219**	**0.79**	**10,904**	**0.76**	**10,118**	**0.82**	**8,348**	**0.56**	**8,131**	**0.64**	**9,189**	**0.60**
Darjeeling	2,229	0.77	1,953	0.78	344	1.38	323	1.50	240	0.93	249	1.12	264	0.99	217	0.94	217	0.79	181	0.76	284	1.00
Jalpaiguri	5,139	0.84	4,819	0.93	679	1.33	551	1.31	567	1.07	557	1.26	575	1.04	564	1.21	427	0.74	389	0.80	601	1.00
Cooch Behar	1,658	0.37	1,377	0.35	..	..	..	..	..	..	..	..	177	0.44	178	0.51	221	0.55	197	0.54	231	0.53
West Dinajpur	1,833	0.36	1,315	0.29	147	0.39	106	0.32	119	0.31	91	0.26	148	0.36	99	0.27	163	0.38	90	0.24	128	0.29
Malda	1,294	0.24	1,081	0.20	50	0.11	49	0.10	58	0.12	51	0.11	108	0.21	72	0.15	68	0.13	43	0.08	82	0.15
Murshidabad	2,810	0.28	2,676	0.27	172	0.20	137	0.16	153	0.17	107	0.12	247	0.26	209	0.25	148	0.15	118	0.13	273	0.27
Nadia	3,399	0.37	2,355	0.34	302	0.50	271	0.48	124	0.20	101	0.17	190	0.29	182	0.29	177	0.26	144	0.22	179	0.25
24-Parganas	14,564	0.50	13,556	0.55	1,718	0.66	1,518	0.73	1,462	0.54	1,249	0.58	1,476	0.56	1,357	0.60	1,142	0.42	983	0.42	1,491	0.53
Calcutta	19,112	1.11	20,516	1.96	3,192	2.05	3,077	3.21	2,591	1.66	2,560	2.56	2,647	1.53	2,825	2.77	1,892	1.09	2,166	2.10	1,725	0.99
Howrah	10,134	1.01	10,839	1.33	1,393	1.55	1,502	2.06	1,347	1.46	1,392	1.86	1,336	1.41	1,425	1.86	1,093	1.12	1,289	1.64	1,159	1.17
Hooghly	7,032	0.77	7,122	0.80	906	1.08	906	1.22	795	0.92	796	1.03	895	1.00	903	1.13	705	0.76	776	0.94	782	0.81
Burdwan	6,179	0.40	5,150	0.42	720	0.61	637	0.61	564	0.46	530	0.49	1,214	0.48	603	0.54	536	0.40	463	0.40	547	0.40
Birbhum	1,282	0.20	1,120	0.18	132	0.24	113	0.21	70	0.12	62	0.11	105	0.18	114	0.20	86	0.14	56	0.10	102	0.16
Bankura	5,804	0.77	5,508	0.75	495	0.75	427	0.65	491	0.71	464	0.69	462	0.65	430	0.62	544	0.75	431	0.61	573	0.77
Midnapore	11,288	0.58	10,451	0.56	1,153	0.66	1,047	0.62	1,142	0.64	1,010	0.59	1,060	0.58	940	0.54	929	0.49	805	0.45	1,032	0.53
Purulia	260	0.04	170	0.03	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

State/District	1955		1956				1957				1958				1959				1960			
	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Feamle	Rate
1	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
WEST BENGAL	**9,305**	**0.70**	**9,259**	**0.59**	**9,174**	**0.67**	**10,904**	**0.64**	**10,456**	**0.71**	**8,930**	**0.51**	**8,604**	**0.57**	**6,541**	**0.37**	**6,065**	**0.39**	**8,816**	**0.48**	**8,272**	**0.52**
Darjeeling	233	0.95	242	0.82	222	0.87	201	0.66	177	0.68	207	0.66	171	0.64	96	0.32	76	0.27	134	0.41	104	0.37
Jalpaiguri	601	1.19	456	0.73	415	0.79	412	0.64	380	0.69	403	0.60	366	0.64	504	0.73	497	0.84	515	0.72	499	0.82
Cooch Behar	192	0.50	200	0.44	159	0.40	244	0.51	188	0.45	198	0.40	146	0.36	154	0.30	120	0.27	233	0.44	197	0.42
West Dinajpur	81	0.20	121	0.26	89	0.21	136	0.22	139	0.25	210	0.32	128	0.22	280	0.42	204	0.34	381	0.56	288	0.47
Malda	44	0.08	155	0.28	143	0.27	177	0.31	147	0.27	107	0.18	97	0.17	189	0.32	144	0.25	300	0.49	291	0.49
Murshidabad	274	0.28	761	0.74	866	0.87	350	0.33	325	0.32	207	0.19	176	0.17	248	0.22	249	0.23	251	0.22	215	0.19
Nadia	167	0.25	263	0.35	240	0.34	999	0.39	251	0.34	302	0.38	285	0.38	347	0.42	243	0.31	516	0.60	471	0.58
24-Patganas	1,452	0.60	1,376	0.47	1,288	0.51	1,784	0.59	1,882	0.73	1,419	0.46	1,399	0.52	1,080	0.33	1,015	0.37	1,616	0.49	1,413	0.49
Calcuta	2,053	1.97	1,622	0.92	1,758	1.67	1,580	0.92	1,788	1.68	1,496	0.84	1,658	1.54	877	0.48	979	0.90	1,490	0.82	1,652	1.50
Howrah	1,294	1.61	904	0.89	960	1.17	1,014	0.96	1,155	1.37	1,037	0.97	1,025	1.19	360	0.33	324	0.37	491	0.44	473	0.53
Hooghly	871	1.01	740	0.72	650	0.71	846	0.80	850	1.01	733	0.67	753	0.77	274	0.24	270	0.27	356	0.31	347	0.34
Burdwan	527	0.44	566	0.40	522	0.42	552	0.37	501	0.39	599	0.39	533	0.40	412	0.26	387	0.28	469	0.29	447	0.32
Birbhum	71	0.11	146	0.23	115	0.18	134	0.20	123	0.19	98	0.14	97	0.15	219	0.31	200	0.29	190	0.26	169	0.24
Bankura	532	0.73	671	0.88	712	0.96	899	1.16	935	1.22	668	0.84	627	0.81	418	0.52	457	0.57	583	0.70	493	0.61
Midnapore	913	0.49	1,036	0.52	1,035	0.55	1,503	0.74	1,579	0.81	1,154	0.55	1,078	0.54	1,034	0.48	868	0.43	1,245	0.57	1,176	0.56
Purulia	..	..	..	..	..	..	73	0.11	36	0.06	92	0.14	65	0.10	49	0.07	32	0.05	46	0.07	37	0.06

TABLE 13.5

Annual Deaths from PLAGUE by Sex, 1951-60

State/District	1951–60				1951				1952				1953				1954				1955	
	Male	Rate Average	Female	Rate Average	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
WEST BENGAL	**24**	**0.002**	..	..	**8**	**0.0006**	..	..	**16**	**0.01**	..	..	..	..	..	..	..	..	..	..	..	..
Darjeeling	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Jalpaiguri	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Cooch Behar	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
West Dinajpur	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Malda	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Murshidabad	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Nadia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
24-Parganas	2	0.0007	..	..	2	0.0008	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Calcutta	22	0.001	..	..	6	0.004	..	..	16	0.01	..	..	..	..	..	..	..	..	..	..	..	..
Howrah	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hooghly	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Burdwan	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Birbhum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Bankura	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Midnapore	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Purulia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

State/District	1955		1956				1957				1958				1959				1960			
	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate
1	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
WEST BENGAL	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Darjeeling	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Jalpaiguri	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Cooch Behar	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
West Dinajpur	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Malda	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Murshidabad	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Nadia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
24-Parganas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Calcutta	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Howrah	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hooghly	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Burdwan	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Birbhum	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Bankura	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Midnapore	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Purulia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

TABLE 13.6

Annual Deaths from RESPIRATORY DISEASES other than T. B. by Sex, 1951-58

State/District	1951-58 Male	1951-58 Rate Average	1951-58 Female	1951-58 Rate Average	1951 Male	1951 Rate	1951 Female	1951 Rate	1952 Male	1952 Rate	1952 Female	1952 Rate	1953 Male	1953 Rate	1953 Female	1953 Rate	1954 Male	1954 Rate
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
WEST BENGAL	**105,005**	**0.69**	**67,408**	**0.51**	**14,472**	**1.10**	**9,536**	**0.84**	**13,334**	**0.99**	**8,587**	**0.74**	**13,089**	**0.91**	**8,570**	**0.69**	**12,270**	**0.83**
Darjeeling	2,186	0.76	2,216	0.89	303	1.21	409	1.90	272	1.05	305	1.37	272	1.02	270	1.17	325	1.18
Jalpaiguri	9,090	1.48	6,719	1.30	1,333	2.62	965	2.29	1,276	2.40	978	2.21	1,174	2.11	839	1.81	1,106	1.91
Cooch Behar	2,941	0.66	1,598	0.40	..	..	..	..	..	..	..	..	399	0.99	232	0.66	655	1.79
West Dinajpur	6,872	1.34	4,654	1.01	913	2.43	641	1.92	873	2.25	548	1.58	927	2.28	701	1.93	995	2.35
Malda	1,703	0.31	787	0.15	178	0.37	87	0.19	197	0.40	54	0.11	183	0.36	104	0.21	190	0.36
Murshidabad	1,555	0.15	705	0.07	226	0.26	129	0.15	171	0.18	50	0.06	172	0.18	67	0.07	133	0.14
Nadia	1,826	0.25	760	0.11	235	0.39	124	0.22	174	0.28	72	0.12	165	0.25	68	0.11	165	0.24
24-Parganas	10,613	0.37	5,619	0.23	1,362	0.52	691	0.33	1,225	0.45	660	0.30	1,455	0.55	563	0.25	1,111	0.40
Calcutta	26,424	1.53	21,286	2.03	3,936	2.52	3,126	3.96	3,620	2.31	2,915	2.91	3,211	1.85	2,744	2.69	2,940	1.68
Howrah	10,068	1.00	7,043	0.87	1,407	1.57	1,003	1.38	1,349	1.46	893	1.20	1,234	1.30	958	1.25	1,085	1.11
Hooghly	8,139	0.89	3,902	0.44	1,086	1.30	559	0.76	1,027	1.18	510	0.66	1,022	1.13	483	0.60	971	1.04
Burdwan	7,144	0.51	3,409	0.28	1,125	0.96	587	0.56	1,006	0.82	497	0.46	997	0.78	514	0.46	772	0.58
Birbhum	1,438	0.20	840	0.13	213	0.40	130	0.24	133	0.23	70	0.13	153	0.26	80	0.14	148	0.24
Bankura	4,826	0.64	2,457	0.33	593	0.88	244	0.37	676	0.98	329	0.49	590	0.84	323	0.47	549	0.76
Midnapore	10,084	0.51	5,357	0.29	1,562	0.90	841	0.51	1,335	0.75	706	0.41	1,135	0.62	624	0.36	1,125	0.60
Purulia	96	0.02	56	0.009	..	..	..	..	..	..	.	..	..	..	.	..	..	..

State/District	1954 Female	1954 Rate	1955 Male	1955 Rate	1955 Female	1955 Rate	1956 Male	1956 Rate	1956 Female	1956 Rate	1957 Male	1957 Rate	1957 Female	1957 Rate	1958 Male	1958 Rate	1958 Female	1958 Rate
1	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37
WEST BENGAL	**7,806**	**0.61**	**11,920**	**0.78**	**7,520**	**0.57**	**11,856**	**0.75**	**7,422**	**0.54**	**14,314**	**0.84**	**9,362**	**0.63**	**13,750**	**0.79**	**8,605**	**0.57**
Darjeeling	292	1.22	247	0.93	212	0.86	221	0.75	230	0.91	240	0.79	245	0.93	306	0.98	253	0.94
Jalpaiguri	838	1.73	1,138	1.89	808	1.60	1,009	1.61	769	1.46	1,099	1.70	849	1.55	955	1.42	673	1.18
Cooch Behar	365	1.00	502	1.14	262	0.68	484	1.06	250	0.62	465	0.96	238	0.57	436	0.89	251	0.58
West Dinajpur	737	1.94	865	1.96	558	1.41	613	1.34	426	1.03	756	1.20	469	0.83	930	1.44	574	0.98
Malda	82	0.16	194	0.36	89	0.17	183	0.33	101	0.19	257	0.45	117	0.21	321	0.55	153	0.27
Murshidabad	70	0.07	135	0.14	59	0.06	180	0.18	76	0.08	250	0.24	140	0.14	288	0.27	114	0.12
Nadia	62	0.10	227	0.32	85	0.13	210	0.28	84	0.12	294	0.38	108	0.15	356	0.44	157	0.21
24-Parganas	573	0.45	1,170	0.41	669	0.28	1,294	0.44	689	0.27	1,569	0.52	879	0.34	1,427	0.46	895	0.33
Calcutta	2,411	2.34	2,884	1.65	2,323	2.23	2,821	1.60	2,256	2.14	3,905	2.20	3,089	2.89	3,107	1.74	2,422	2.24
Howrah	677	0.86	1,110	1.12	725	0.91	1,107	1.09	737	0.90	1,341	1.29	1,048	1.25	1,435	0.35	1,002	1.16
Hooghly	443	0.53	926	0.96	453	0.53	961	0.94	460	0.50	1,122	1.06	522	0.55	1,024	0.94	472	0.49
Burdwan	405	0.35	774	0.56	373	0.31	872	0.61	335	0.27	774	0.52	349	0.29	824	0.54	349	0.26
Birbhum	61	0.10	116	0.18	52	0.09	125	0.19	86	0.14	153	0.23	119	0.18	397	0.58	242	0.36
Bankura	231	0.32	561	0.76	270	0.37	574	0.76	341	0.46	662	0.85	390	0.51	621	0.78	329	0.42
Midnapore	559	0.31	1,071	0.55	582	0.32	1,202	0.60	582	0.31	1,390	0.68	789	0.41	1,264	0.61	674	0.34
Purulia	..	..	..	..	..	..	..	..	..	..	37	0.06	11	0.02	59	0.09	45	0.07

TABLE 13.7

Annual Deaths from SUICIDE by Sex, 1951-60

State/District	1951-60				1951				1952				1953				1954				1955	
	Male	Rate Average	Female	Rate Average	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
WEST BENGAL	**7,003**	**0.04**	**6,693**	**0.05**	**602**	**0.05**	**626**	**0.06**	**654**	**0.05**	**617**	**0.05**	**687**	**0.05**	**637**	**0.05**	**755**	**0.05**	**694**	**0.05**	**681**	**0.04**
Darjeeling	143	0.06	57	0.02	19	0.08	4	0.02	21	0.08	4	0.02	14	0.05	6	0.03	13	0.05	10	0.04	17	0.06
Jalpaiguri	275	0.04	128	0.02	13	0.03	9	0.02	18	0.05	7	0.02	19	0.03	15	0.03	29	0.05	12	0.02	23	0.04
Cooch Behar	104	0.02	83	0.02	..	..	..	..	..	..	..	..	6	0.01	7	0.02	11	0.03	4	0.01	10	0.02
West Dinajpur	221	0.04	184	0.04	14	0.04	12	0.04	20	0.05	24	0.07	10	0.02	12	0.03	24	0.06	16	0.04	23	0.05
Malda	205	0.04	238	0.04	12	0.02	36	0.08	23	0.03	26	0.04	13	0.03	17	0.03	24	0.05	19	0.03	18	0.03
Murshidabad	533	0.05	515	0.05	43	0.05	49	0.06	46	0.05	55	0.06	63	0.07	44	0.05	45	0.05	59	0.06	66	0.07
Nadia	473	0.06	652	0.11	43	0.07	71	0.13	33	0.05	57	0.10	54	0.08	68	0.11	52	0.08	66	0.10	38	0.05
24-Parganas	1,326	0.05	1,415	0.06	140	0.05	145	0.07	136	0.05	134	0.06	133	0.05	150	0.07	144	0.05	131	0.06	117	0.04
Calcutta	527	0.03	361	0.03	52	0.03	55	0.06	68	0.04	55	0.05	63	0.04	40	0.04	63	0.04	38	0.04	64	0.04
Howrah	677	0.07	563	0.07	60	0.07	52	0.07	62	0.07	53	0.07	76	0.08	67	0.09	68	0.07	65	0.08	59	0.05
Hooghly	701	0.08	744	0.08	52	0.06	58	0.08	72	0.08	62	0.08	72	0.08	71	0.09	84	0.09	89	0.11	71	0.07
Burdwan	443	0.03	438	0.04	40	0.03	38	0.04	35	0.03	39	0.04	38	0.03	31	0.03	45	0.03	38	0.03	50	0.04
Birbhum	267	0.04	210	0.03	28	0.05	14	0.03	25	0.04	8	0.01	20	0.03	17	0.03	40	0.07	24	0.04	31	0.05
Bankura	392	0.05	387	0.05	38	0.06	39	0.06	39	0.06	40	0.06	42	0.06	48	0.07	41	0.06	43	0.06	28	0.04
Midnapore	682	0.03	686	0.04	48	0.03	44	0.03	56	0.03	53	0.03	64	0.03	44	0.03	72	0.04	80	0.04	66	0.03
Purulia	34	0.005	32	0.005	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

State/District	1955		1956				1957				1958				1959				1960			
	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate
1	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
WEST BENGAL	**672**	**0.05**	**735**	**0.05**	**727**	**0.05**	**789**	**0.05**	**727**	**0.05**	**765**	**0.04**	**739**	**0.05**	**715**	**0.04**	**736**	**0.05**	**620**	**0.03**	**518**	**0.03**
Darjeeling	6	0.02	7	0.02	8	0.03	21	0.07	4	0.04	10	0.03	8	0.03	11	0.04	5	0.02	10	0.03	2	0.007
Jalpaiguri	10	0.02	21	0.03	12	0.02	43	0.07	11	0.02	39	0.06	21	0.04	37	0.05	19	0.03	33	0.05	12	0.02
Cooch Behar	10	0.03	19	0.04	16	0.04	10	0.02	8	0.02	14	0.03	12	0.03	19	0.04	16	0.04	15	0.03	10	0.02
West Dinajpur	20	0.05	26	0.06	12	0.03	23	0.04	20	0.04	24	0.04	23	0.04	36	0.05	29	0.05	21	0.03	16	0.03
Malda	10	0.02	25	0.05	24	0.04	36	0.06	33	0.06	20	0.03	17	0.03	15	0.03	42	0.07	19	0.03	14	0.02
Murshidabad	43	0.04	49	0.05	58	0.06	67	0.06	51	0.05	73	0.07	57	0.05	43	0.04	61	0.06	38	0.03	38	0.03
Nadia	54	0.08	60	0.08	71	0.10	67	0.09	80	0.11	51	0.06	87	0.11	29	0.03	43	0.05	46	0.05	55	0.07
24-Parganas	158	0.07	150	0.05	170	0.07	141	0.05	146	0.06	129	0.04	147	0.05	141	0.04	139	0.05	95	0.03	95	0.03
Calcutta	28	0.03	43	0.02	28	0.03	47	0.03	32	0.03	50	0.03	27	0.02	34	0.02	34	0.03	43	0.02	24	0.02
Howrah	60	0.07	93	0.09	68	0.08	80	0.08	66	0.08	65	0.06	51	0.06	57	0.05	52	0.06	57	0.05	29	0.03
Hooghly	67	0.08	60	0.06	77	0.08	78	0.07	63	0.07	92	0.08	100	0.10	72	0.06	92	0.09	48	0.04	65	0.05
Burdwan	61	0.05	55	0.04	49	0.04	49	0.03	56	0.03	35	0.02	41	0.03	47	0.03	44	0.03	49	0.03	41	0.03
Birbhum	37	0.06	22	0.03	24	0.04	18	0.03	17	0.03	22	0.03	26	0.04	33	0.05	33	0.05	28	0.04	10	0.01
Bankura	34	0.05	28	0.04	29	0.04	38	0.05	43	0.06	50	0.06	41	0.05	48	0.06	32	0.04	40	0.05	38	0.05
Midnapore	74	0.04	77	0.04	81	0.04	63	0.03	87	0.04	79	0.04	72	0.04	80	0.04	86	0.04	77	0.04	65	0.03
Purulia	..	..	..	..	..	..	8	0.01	10	0.02	12	0.02	9	0.01	13	0.02	9	0.01	1	0.001	4	0.006

TABLE 13.8

Annual Deaths from CHILD BIRTH*, 1951-60

State/District	1951-60		1951		1952		1953		1954		1955		1956		1957		1958		1959		1960	
	Female	Rate	Female	Rate	Female	Rate	Female	Rate	Female	Rate	Female	Rate	Female	Rate	Female	Rate	Female	Rate	Female	Rate	Female	Rate
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
WEST BENGAL	**28,180**	**4.49**	**3,182**	**5.88**	**3,268**	**5.67**	**3,329**	**5.66**	**2,982**	**4.93**	**3,047**	**4.50**	**2,795**	**4.10**	**2,393**	**3.69**	**2,359**	**3.59**	**2,632**	**3.55**	**2,193**	**3.30**
Darjeeling	734	6.16	69	5.92	97	7.90	104	9.05	70	6.14	61	4.70	84	6.93	50	3.96	49	3.78	85	6.97	65	5.09
Jalpaiguri	4,461	13.42	520	18.34	565	18.34	578	19.71	500	17.11	489	13.54	443	12.16	364	9.55	371	9.36	338	8.52	293	8.22
Cooch Behar	1,612	10.45	..	..	..	..	224	21.13	229	14.97	228	12.29	232	10.40	189	8.46	191	7.91	192	8.36	127	6.20
West Dinajpur	2,246	9.78	226	14.25	298	15.02	255	14.12	199	11.23	209	10.22	205	9.70	206	8.11	188	6.77	258	6.80	202	6.56
Malda	1,064	4.79	73	3.90	98	4.51	163	6.84	126	6.07	121	4.86	113	5.12	81	3.92	68	3.22	117	4.30	104	4.21
Murshidabad	1,198	2.32	169	3.32	134	2.70	130	2.71	124	2.53	146	2.46	92	1.75	99	2.10	103	2.18	117	1.82	84	1.56
Nadia	1,168	3.61	112	4.72	117	4.62	116	4.63	130	4.37	138	3.89	136	3.82	101	2.91	109	3.21	113	2.61	96	2.49
24-Parganas	3,121	4.11	370	5.42	321	4.44	325	4.38	266	3.54	334	4.15	355	4.58	316	4.17	312	3.88	274	3.28	248	3.21
Calcutta	1,672	2.48	276	4.45	263	4.19	212	3.22	190	2.78	190	2.61	145	1.99	99	1.33	102	1.39	107	1.49	88	1.20
Howrah	641	2.45	77	3.09	58	2.13	70	2.66	59	2.36	46	1.67	60	2.20	65	2.39	48	1.75	83	3.20	75	2.66
Hooghly	1,483	4.15	172	5.60	169	4.95	172	4.74	170	4.54	184	4.84	177	4.75	124	3.30	114	3.19	101	3.02	100	2.93
Burdwan	2,003	3.75	277	5.89	266	5.11	218	4.21	237	4.36	210	3.42	182	2.99	153	2.83	147	2.97	161	2.92	152	2.84
Birbhum	1,245	3.46	193	5.91	173	4.75	165	4.61	120	3.34	123	3.20	83	2.22	89	2.61	90	2.65	116	2.61	93	2.62
Bankura	1,347	3.49	142	4.10	151	3.76	168	4.03	132	3.60	139	3.33	130	3.09	99	2.66	119	3.35	157	3.54	110	3.09
Midnapore	4,065	4.02	506	5.56	558	6.07	429	4.82	430	4.36	429	3.92	358	3.28	326	3.39	308	2.86	380	3.05	341	3.40
Purulia	120	3.13	..	..	..	..	..	..	..	..	..	..	..	..	32	2.87	40	5.33	33	3.07	15	1.65

* Rates have been calculated on per thousand of live and still births.

TABLE 13.9

Annual Deaths from MALARIA by Sex, 1951-60

State/District	1951-60				1951				1952				1953				1954				1955	
	Male	Rate Average	Female	Rate Average	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
WEST BENGAL	**90,495**	**0.58**	**80,400**	**0.59**	**18,893**	**1.44**	**17,401**	**1.54**	**17,108**	**1.26**	**14,402**	**1.23**	**14,778**	**1.03**	**13,724**	**1.11**	**12,541**	**0.85**	**11,098**	**0.87**	**8,037**	**0.53**
Darjeeling	2,960	1.02	2,344	0.94	614	2.46	560	2.60	559	2.16	360	1.61	475	1.78	384	1.66	375	1.36	294	1.23	286	1.00
Jalpaiguri	6,045	0.99	4,202	0.81	1,046	2.06	934	2.22	1,813	3.41	447	1.01	984	1.77	873	1.89	759	1.31	641	1.32	615	1.02
Cooch Behar	1,563	0.35	1,418	0.36	..	..	..	..	..	..	..	..	603	1.49	562	1.61	405	0.96	420	1.15	267	0.61
West Dinajpur	4,757	0.93	4,151	0.90	730	1.94	604	1.81	904	2.33	832	2.41	940	2.32	926	2.55	906	2.14	728	1.92	305	0.69
Malda	9,389	1.71	7,954	1.50	1,185	2.46	1,021	2.19	1,075	2.17	888	1.85	1,413	2.77	1,397	2.83	2,522	4.80	2,032	4.01	1,241	2.30
Murshidabad	7,201	0.71	6,362	0.65	1,894	2.15	1,722	2.01	1,500	1.56	1,258	1.42	1,312	1.40	1,181	1.29	758	0.78	699	0.74	554	0.56
Nadia	10,119	1.39	8,801	1.28	2,298	3.83	2,002	3.55	1,879	2.99	1,675	2.83	1,999	3.04	1,773	2.86	1,380	2.01	1,160	1.79	769	1.07
24-Parganas	9,267	0.32	7,758	0.31	1,925	0.74	1,692	0.82	1,934	0.72	1,608	0.74	1,548	0.59	1,294	0.58	1,116	0.41	939	0.40	869	0.31
Calcutta	2,281	0.13	1,512	0.14	587	0.38	403	0.41	501	0.32	354	0.35	383	0.22	253	0.25	257	0.15	184	0.13	258	0.15
Howrah	2,141	0.21	1,813	0.22	536	0.60	460	0.63	466	0.51	328	0.44	364	0.38	323	0.42	210	0.22	188	0.24	156	0.16
Hooghly	3,835	0.42	3,590	0.41	997	1.19	948	1.28	753	0.87	732	0.95	509	0.57	453	0.57	451	0.48	446	0.54	275	0.29
Burdwan	6,129	0.44	6,086	0.50	1,719	1.46	1,562	1.50	1,675	1.36	1,718	1.59	1,119	0.88	1,184	1.05	609	0.46	566	0.49	354	0.26
Birbhum	4,824	0.77	4,904	0.79	1,836	3.40	1,860	3.5	709	1.25	712	1.29	461	0.79	466	0.81	463	0.82	496	0.79	318	0.51
Bankura	3,548	0.47	3,534	0.48	876	1.30	858	1.30	677	0.97	656	0.97	509	0.72	529	0.76	293	0.40	314	0.44	297	0.40
Midnapore	15,097	0.77	14,965	0.80	2,650	1.53	2,775	1.68	2,663	1.49	2,834	1.66	2,159	1.17	2,126	1.21	2,037	1.08	1,991	1.11	1,473	0.76
Purulia	1,339	..	1,006	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

State/District	1955		1956				1957				1958				1959				1960			
	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate
1	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
WEST BENGAL	**6,773**	**0.51**	**5,803**	**0.37**	**5,045**	**0.37**	**5,648**	**0.33**	**4,974**	**0.34**	**3,669**	**0.21**	**3,296**	**0.22**	**2,375**	**0.13**	**2,255**	**0.14**	**1,643**	**0.09**	**1,432**	**0.09**
Darjeeling	235	0.95	220	0.75	159	0.63	109	0.36	74	0.28	169	0.54	128	0.48	103	0.34	101	0.36	50	0.15	49	0.17
Jalpaiguri	550	1.09	365	0.58	278	0.53	173	0.27	173	0.32	140	0.21	147	0.26	100	0.14	90	0.15	50	0.07	69	0.11
Cooch Behar	166	0.43	109	0.24	103	0.26	87	0.18	72	0.17	52	0.11	44	0.10	22	0.04	32	0.07	18	0.03	19	0.04
West Dinajpur	242	0.61	198	0.43	158	0.38	197	0.31	158	0.28	156	0.24	124	0.21	202	0.03	199	0.33	219	0.32	180	0.29
Malda	993	1.91	723	1.28	555	1.02	665	1.17	562	1.02	345	0.59	322	0.57	136	0.23	133	0.23	84	0.14	51	0.09
Murshidabad	456	0.47	489	0.48	389	0.39	285	0.27	292	0.28	237	0.22	223	0.21	109	0.10	93	0.09	63	0.06	49	0.04
Nadia	627	0.93	538	0.72	520	0.74	657	0.85	537	0.73	347	0.43	316	0.42	140	0.17	107	0.14	112	0.13	84	0.10
24-Parganas	693	0.29	643	0.22	510	0.20	495	0.16	409	0.16	236	0.08	232	0.09	309	0.10	248	0.09	192	0.06	133	0.05
Calcutta	137	0.18	132	0.07	90	0.09	82	0.05	47	0.04	39	0.02	21	0.02	20	0.01	10	0.009	22	0.01	13	0.01
Howarh	133	0.16	134	0.13	135	0.16	115	0.11	106	0.13	61	0.06	58	0.07	49	0.04	41	0.05	50	0.04	41	0.05
Hooghly	285	0.33	260	0.25	221	0.24	205	0.19	187	0.20	183	0.17	144	0.15	124	0.11	103	0.10	78	0.07	71	0.07
Burdwan	355	0.30	219	0.15	236	0.19	156	0.11	160	0.12	136	0.17	128	0.10	78	0.05	116	0.08	64	0.04	61	0.04
Birbhum	345	0.57	307	0.48	301	0.48	370	0.56	354	0.55	219	0.32	218	0.33	112	0.16	121	0.18	29	0.04	31	0.04
Bankura	269	0.37	214	0.28	208	0.28	197	0.25	203	0.27	152	0.19	142	0.18	189	0.23	198	0.25	144	0.17	157	0.19
Midnapore	1,287	0.70	1,252	0.63	1,182	0.62	1,069	0.52	1,032	0.53	742	0.36	732	0.37	618	0.29	615	0.30	434	0.20	391	0.19
Purulia	..	..	..	..	..	..	786	1.20	608	0.95	455	0.69	317	0.49	64	0.10	48	0.07	34	0.05	33	0.05

TABLE 13.10

Annual Deaths from KALA-AZAR by Sex, 1951-60

State/District	1951-60				1951				1952				1953				1954				1955	
	Male	Rate Average	Female	Rate Average	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
WEST BENGAL	**5,070**	**0.03**	**4,149**	**0.03**	**867**	**0.07**	**609**	**0.05**	**614**	**0.05**	**514**	**0.04**	**681**	**0.05**	**500**	**0.04**	**505**	**0.03**	**403**	**0.03**	**007**	**0.03**
Darjeeling	262	0.09	171	0.07	43	0.17	31	0.14	47	0.18	34	0.15	33	0.12	17	0.07	45	0.16	18	0.08	28	0.10
Jalpaiguri	139	0.02	135	0.03	18	0.04	30	0.07	30	0.06	25	0.06	23	0.04	21	0.05	19	0.03	15	0.03	12	0.02
Cooch Behar	77	0.02	80	0.02	..	..	..	..	..	..	..	..	33	0.08	49	0.14	8	0.02	10	0.03	16	0.04
West Dinajpur	1,204	0.23	876	0.20	219	0.58	110	0.33	163	0.42	136	0.39	208	0.51	161	0.44	174	0.41	166	0.44	131	0.29
Malda	292	0.05	190	0.03	35	0.07	19	0.04	20	0.04	17	0.04	26	0.05	20	0.04	48	0.09	28	0.05	27	0.05
Murshidabad	254	0.03	226	0.02	62	0.07	60	0.07	36	0.04	27	0.03	36	0.04	19	0.02	29	0.03	21	0.02	14	0.01
Nadia	149	0.02	117	0.02	33	0.05	31	0.06	27	0.04	17	0.03	25	0.04	16	0.03	7	0.01	9	0.01	13	0.02
24-Parganas	411	0.01	305	0.01	97	0.04	63	0.03	72	0.03	52	0.02	61	0.02	38	0.02	43	0.02	36	0.02	38	0.01
Calcutta	1,173	0.07	1,204	0.11	112	0.07	105	0.11	64	0.04	60	0.06	74	0.04	44	0.04	23	0.01	19	0.02	29	0.02
Howrah	112	0.01	109	0.01	25	0.03	20	0.03	28	0.03	22	0.03	14	0.01	17	0.02	8	0.008	8	0.01	9	0.009
Hooghly	401	0.04	350	0.04	86	0.10	75	0.10	52	0.06	72	0.09	60	0.007	47	0.06	46	0.05	44	0.05	43	0.04
Burdwan	378	0.03	258	0.02	91	0.08	53	0.05	58	0.05	38	0.03	59	0.05	38	0.03	42	0.03	21	0.02	28	0.02
Birbhum	45	0.006	32	0.005	8	0.01	4	0.008	4	0.007	5	0.009	8	0.01	5	0.009	1	0.001	..	..	4	0.006
Bankura	39	0.005	15	0.002	7	0.01	..	..	4	0.006	1	0.001	7	0.01	3	0.004	2	0.003	2	0.003	7	0.009
Midnapore	107	0.005	55	0.003	31	0.02	8	0.005	9	0.005	8	0.005	14	0.008	5	0.003	10	0.005	6	0.003	8	0.004
Purulia	27	0.004	26	0.004	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

State/District	1955		1956				1957				1958				1959				1960			
	Female	Rate	Mele	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate
1	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
WEST BENGAL	**315**	**0.02**	**428**	**0.03**	**389**	**0.03**	**900**	**0.05**	**928**	**0.06**	**294**	**0.02**	**251**	**0.02**	**182**	**0.01**	**122**	**0.008**	**192**	**0.01**	**118**	**0.007**
Darjeeling	20	0.08	23	0.08	25	0.10	25	0.08	13	0.05	8	0.03	8	0.03	4	0.01	3	0.01	6	0.02	2	0.007
Jalpaiguri	8	0.02	15	0.02	15	0.03	..	..	7	0.01	5	0.007	5	0.009	8	0.01	5	0.008	9	0.01	4	0.007
Cooch Behar	5	0.01	8	0.02	10	0.02	3	0.006	2	0.005	2	0.004	1	0.002	2	0.002	2	0.002	5	0.009	1	0.002
West Dinajpur	109	0.25	75	0.16	43	0.10	48	0.08	46	0.08	58	0.09	35	0.06	63	0.09	40	0.07	65	0.09	39	0.07
Malda	15	0.03	29	0.05	20	0.04	39	0.07	23	0.04	33	0.06	22	0.04	11	0.01	12	0.02	24	0.04	14	0.02
Murshidabad	30	0.03	41	0.04	38	0.04	15	0.01	14	0.01	9	0.008	11	0.01	9	0.008	4	0.004	3	0.003	2	0.002
Nadia	14	0.02	13	0.02	9	0.01	14	0.02	8	0.01	8	0.01	7	0.01	6	0.005	3	0.003	3	0.003	3	0.004
24-Parganas	31	0.01	21	0.007	25	0.01	32	0.01	27	0.01	16	0.005	14	0.005	16	0.005	9	0.003	15	0.005	10	0.004
Calcutta	22	0.02	127	0.07	140	0.13	659	0.37	729	0.68	78	0.04	79	0.07	4	0.002	5	0.005	3	0.002	1	0.0009
Howrah	14	0.02	5	0.005	7	0.009	3	0.003	4	0.005	9	0.008	11	0.01	7	0.006	4	0.005	4	0.004	2	0.002
Hooghly	25	0.03	23	0.02	20	0.02	31	0.03	20	0.02	24	0.02	20	0.02	20	0.01	13	0.008	16	0.01	14	0.01
Burdwan	22	0.02	37	0.03	25	0.02	10	0.006	16	0.01	16	0.01	16	0.01	12	0.008	10	0.008	25	0.02	19	0.01
Birbhum	1	0.002	2	0.003	3	0.005	4	0.006	3	0.005	2	0.003	1	0.002	7	0.04	6	0.009	5	0.007	4	0.006
Bankura	3	0.004	3	0.004	2	0.003	2	0.002	..	..	1	0.001	2	0.003	3	..	1	0.001	3	0.004	1	0.001
Midnapore	5	0.003	6	0.003	7	0.004	6	0.003	9	0.005	9	0.004	2	0.002	8	0.004	3	0.001	6	0.003	2	0.001
Purulia	..	..	..	..	..	..	9	0.001	7	0.009	16	0.02	17	0.03	2	0.001	2	0.002	..	..		

TABLE 13.11

Annual Deaths from T. B. OF LUNGS by Sex, 1951-60

State/District	1951-60				1951				1952				1953				1954				1955	
	Male	Rate Average	Female	Rate Average	Male	Rate	Female	Rate	Mal	Rate	Female	Rate	Male	Rate	Femal	Rate	Male	Rate	Female	Rate	Male	Rate
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
WEST BENGAL	**45,673**	**0.29**	**22,384**	**0.16**	**4,992**	**0.38**	**2,845**	**0.25**	**5,420**	**0.40**	**3,000**	**0.26**	**4,954**	**0.35**	**2,636**	**0.21**	**4,746**	**0.37**	**2,311**	**0.16**	**4,414**	**0.29**
Darjeeling	1,631	0.56	1,247	0.50	213	0.85	156	0.72	190	0.73	158	0.71	197	0.74	147	0.64	163	0.59	156	0.65	154	0.54
Jalpaiguri	3,271	0.53	1,889	0.37	445	0.87	271	0.64	463	0.87	251	0.57	409	0.74	232	0.50	323	0.56	178	0.37	286	0.47
Cooch Behar	946	0.21	171	0.04	..	..	..	..	..	..	..	..	89	0.22	17	0.05	161	0.38	25	0.07	103	0.23
West Dinajpur	848	0.17	254	0.06	30	0.08	15	0.04	56	0.14	19	0.05	66	0.16	20	0.06	67	0.16	21	0.06	74	0.17
Malda	504	0.09	128	0.02	32	0.07	8	0.02	30	0.06	22	0.05	52	0.10	9	0.02	83	0.16	15	0.03	52	0.10
Murshidabad	1,120	0.11	250	0.03	99	0.11	16	0.02	120	0.13	31	0.04	89	0.09	20	0.02	105	0.11	20	0.02	93	0.09
Nadia	1,037	0.15	272	0.04	83	0.14	14	0.02	86	0.14	14	0.02	71	0.11	20	0.03	89	0.13	22	0.03	95	0.13
24-Parganas	4,757	0.16	2,316	0.09	547	0.21	279	0.13	635	0.23	286	0.13	501	0.19	283	0.13	458	0.17	245	0.10	475	0.17
Calcutta	12,874	0.74	9,896	0.95	1,449	0.93	1,398	1.41	1,549	0.99	1,475	1.47	1,451	0.84	1,247	1.22	1,287	0.74	992	0.97	1,202	0.69
Howrah	3,629	0.34	1,947	0.23	464	0.52	263	0.36	566	0.61	304	0.41	431	0.46	241	0.31	426	0.44	223	0.34	355	0.36
Hooghly	2,615	0.28	914	0.10	295	0.35	95	0.13	341	0.39	117	0.15	326	0.36	105	0.13	283	0.30	102	0.12	218	0.23
Burdwan	3,220	0.23	907	0.07	352	0.30	88	0.08	366	0.27	102	0.09	387	0.30	93	0.08	317	0.24	109	0.09	331	0.24
Birbhum	1,178	0.19	330	0.05	152	0.28	36	0.07	143	0.25	43	0.08	146	0.25	39	0.07	153	0.25	42	0.07	130	0.21
Bankura	3,182	0.42	803	0.13	336	0.50	118	0.17	385	0.56	99	0.15	350	0.50	80	0.11	333	0.46	64	0.09	336	0.45
Midnapore	4,778	0.24	1,041	0.06	495	0.29	88	0.05	490	0.27	79	0.05	389	0.21	83	0.05	498	0.26	97	0.05	510	0.26
Purulia	83	0.01	19	0.003	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

State/District	1955		1956				1957				1958				1959				1960			
	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate
1	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
WEST BENGAL	**1,968**	**0.15**	**4,578**	**0.29**	**2,045**	**0.15**	**4,747**	**0.28**	**2,240**	**0.15**	**4,506**	**0.26**	**2,127**	**0.14**	**4,067**	**0.23**	**1,714**	**0.11**	**3,249**	**0.18**	**1,498**	**0.09**
Darjeeling	100	0.41	159	0.54	110	0.43	159	0.53	127	0.49	166	0.53	136	0.51	149	0.49	87	0.31	81	0.25	70	0.25
Jalpaiguri	161	0.32	281	0.45	182	0.35	308	0.48	171	0.31	285	0.42	158	0.28	257	0.37	153	0.26	213	0.30	132	0.22
Cooch Behar	19	0.05	117	0.26	26	0.06	145	0.31	35	0.08	160	0.33	22	0.05	133	0.26	22	0.05	38	0.07	5	0.01
West Dinajpur	27	0.07	91	0.20	26	0.06	109	0.17	41	0.07	124	0.19	36	0.06	153	0.23	26	0.04	78	0.11	23	0.04
Malda	5	0.01	51	0.09	8	0.01	49	0.09	11	0.02	58	0.10	16	0.03	62	0.10	24	0.04	35	0.06	10	0.02
Murshidabad	19	0.02	117	0.11	23	0.02	129	0.12	44	0.04	131	0.12	40	0.02	131	0.12	23	0.02	106	0.09	14	0.04
Nadia	31	0.05	117	0.16	19	0.02	129	0.17	38	0.05	134	0.20	57	0.05	141	0.17	27	0.03	92	0.11	30	0.04
24-Parganas	239	0.10	484	0.17	210	0.08	529	0.18	304	0.12	540	0.18	254	0.02	337	0.10	108	0.04	251	0.08	108	0.04
Calcutta	831	0.80	1,185	0.67	838	0.79	1,220	0.69	825	0.77	1,075	0.60	810	0.75	1,187	0.62	768	0.78	1,269	0.70	712	0.65
Howrah	160	0.20	358	0.35	176	0.21	346	0.33	195	0.23	311	0.13	190	0.11	194	0.18	94	0.11	178	0.16	101	0.11
Hooghly	73	0.08	313	0.30	118	0.13	284	0.27	121	0.13	263	0.24	92	0.09	155	0.14	59	0.06	137	0.12	32	0.03
Burdwan	96	0.08	330	0.23	91	0.07	336	0.23	102	0.08	341	0.22	87	0.07	278	0.18	74	0.06	182	0.11	65	0.05
Birbhum	29	0.05	113	0.18	24	0.04	103	0.16	26	0.04	74	0.11	30	0.05	98	0.14	37	0.05	66	0.09	24	0.03
Bankura	75	0.10	323	0.43	69	0.09	310	0.40	78	0.10	324	0.41	70	0.09	327	0.40	95	0.12	158	0.19	55	0.07
Midnapore	103	0.06	539	0.27	125	0.07	584	0.29	117	0.06	490	0.23	126	0.06	422	0.20	109	0.05	361	0.14	114	0.05
Purulia	..	..	..	..	..	..	7	0.01	5	0.008	30	0.05	3	0.005	42	0.06	8	0.01	4	0.006	3	0.005

TABLE 13.12

Annual Deaths from SNAKE BITES by Sex, 1951-60

State/District	1951–60				1951				1952				1953				1954				1955	
	Male	Rate Average	Female	Rate Average	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
WEST BENGAL	**8,387**	**0.05**	**7,097**	**0.05**	**772**	**0.06**	**681**	**0.06**	**807**	**0.06**	**664**	**0.06**	**940**	**0.07**	**771**	**0.06**	**878**	**0.06**	**778**	**0.06**	**905**	**0.06**
Darjeeling	18	0.006	29	0.01	3	0.01	5	0.02	1	0.004	2	0.009	1	0.004	2	0.009	1	0.0004	4	0.02	4	0.01
Jalpaiguri	237	0.04	158	0.03	12	0.02	20	0.05	23	0.04	13	0.007	16	0.03	10	0.02	17	0.03	17	0.04	29	0.05
Cooch Behar	126	0.03	117	0.03	..	..	..	..	..	..	..	..	4	0.01	8	0.02	20	0.05	12	0.03	5	0.01
West Dinajpur	425	0.08	422	0.09	29	0.08	33	0.09	51	0.13	53	0.15	40	0.10	40	0.11	56	0.13	45	0.12	32	0.07
Malda	384	0.07	435	0.08	41	0.09	33	0.07	39	0.08	33	0.07	45	0.09	68	0.14	33	0.06	47	0.09	42	0.08
Murshidabad	648	0.06	847	0.09	78	0.09	96	0.11	67	0.07	84	0.10	83	0.09	89	0.10	82	0.08	121	0.12	79	0.08
Nadia	708	0.09	748	0.11	42	0.07	48	0.09	57	0.09	53	0.09	90	0.14	91	0.15	76	0.11	79	0.12	66	0.09
24-Parganas	1,574	0.05	1,230	0.05	149	0.06	94	0.05	155	0.06	98	0.05	172	0.07	149	0.07	154	0.06	118	0.05	168	0.06
Calcutta	293	0.02	105	0.01	11	0.007	3	3.003	25	0.02	12	0.01	27	0.02	11	0.01	30	0.02	12	0.01	35	0.02
Howrah	264	0.03	192	0.02	31	0.03	23	0.03	26	0.03	18	0.02	37	0.04	16	0.02	18	0.02	16	0.02	34	0.03
Hooghly	613	0.07	412	0.05	51	0.06	40	0.05	60	0.07	34	0.04	61	0.07	47	0.06	63	0.07	46	0.06	62	0.06
Burdwan	741	0.05	594	0.05	71	0.06	72	0.07	71	0.06	60	0.06	103	0.08	75	0.06	81	0.06	66	0.06	89	0.06
Birbhum	243	0.04	247	0.04	20	0.04	34	0.06	21	0.04	23	0.04	33	0.06	24	0.04	33	0.05	28	0.05	32	0.05
Bankura	496	0.07	433	0.06	59	0.09	53	0108	56	0.08	54	0.08	45	0.06	47	0.07	41	0.06	56	0.08	61	0.08
Midnapore	1,586	0.06	1,107	0.06	175	0.10	127	0.08	155	0.09	127	0.07	183	0.10	94	0.05	173	0.09	111	0.06	167	0.09
Purulia	31	0.005	21	0.003	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

State/District	1955		1956				1957				1958				1959				1960			
	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate
1	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
WEST BENGAL	**724**	**0.05**	**870**	**0.06**	**775**	**0.06**	**813**	**0.05**	**683**	**0.05**	**747**	**0.04**	**643**	**0.04**	**806**	**0.05**	**665**	**0.04**	**849**	**0.05**	**713**	**0.04**
Darjeeling	1	0.004	1	0.003	1	0.004	2	0.007	1	0.004	1	0.003	2	0.007	2	0.007	5	0.02	2	0.006	6	0.02
Jalpaiguri	11	0.02	25	0.04	19	0.04	23	0.04	16	0.03	28	0.04	16	0.03	33	0.05	19	0.03	31	0.04	17	0.03
Cooch Behar	4	0.01	19	0.04	14	0.03	26	0.05	10	0.02	18	0.04	21	0.05	12	0.02	18	0.03	22	0.04	30	0.06
West Dinajpur	27	0.07	35	0.08	42	0.10	51	0.08	42	0.07	38	0.06	51	0.09	51	0.08	58	0.10	42	0.06	31	0.05
Malda	45	0.11	38	0.07	50	0.09	32	0.06	43	0.08	24	0.04	30	0.05	52	0.06	43	0.05	38	0.06	43	0.07
Murshidabad	88	0.09	48	0.05	89	0.09	68	0.06	89	0.09	51	0.05	67	0.06	38	0.03	65	0.06	54	0.05	59	0.05
Nadia	71	0.11	72	0.10	70	0.10	88	0.11	96	0.13	66	0.08	77	0.10	76	0.07	46	0.04	75	0.09	117	0.14
24-Parganas	133	0.05	185	0.06	160	0.06	148	0.05	95	0.04	134	0.04	111	0.04	153	0.05	133	0.05	156	0.05	139	0.05
Calcutta	10	0.01	26	0.01	17	0.02	37	0.02	17	0.02	43	0.02	8	0.007	31	0.02	9	0.008	28	0.02	6	0.005
Howrah	27	0.03	32	0.03	16	0.02	11	0.01	20	0.02	19	0.02	16	0.02	26	0.03	18	0.02	30	0.02	22	0.02
Hooghly	41	0.05	84	0.08	44	0.05	61	0.06	51	0.05	61	0.06	35	0.04	45	0.04	29	0.03	65	0.06	45	0.04
Burdwan	69	0.06	63	0.04	61	0.05	64	0.04	51	0.04	72	0.05	46	0.03	55	0.03	40	0.03	72	0.04	54	0.04
Birbhum	42	0.07	19	0.03	28	0.04	15	0.02	17	0.03	15	0.02	15	0.02	29	0.04	24	0.04	26	0.04	12	0.02
Bankura	39	0.05	52	0.07	45	0.06	45	0.06	36	0.05	40	0.05	33	0.04	46	0.06	36	0.05	51	0.06	34	0.04
Midnapore	116	0.06	171	0.09	119	0.06	138	0.07	96	0.05	125	0.06	106	0.05	151	0.07	120	0.06	148	0.07	91	0.04
urulia	..	..	..	..	..	..	4	0.006	3	0.005	12	0.02	9	0.01	6	0.009	2	0.003	9	0.01	7	0.01

TABLE 14

Decennial Births, Deaths, Infant Deaths with their Rates, along with components of Population Growth

Decennium		Population at the beginning of the decennium	Registered						
			Births	Deaths	Infant Deaths	Birth Rates	Death Rates	Infant Death Rates	Rate of Natural Increase
1		2	3	4	5	6	7	8	9
1951-60	T	26,299,980*	6,276,996	2,593,931	533,050	238.67	98.63	84.92	140.04
	U	6,281,642*	1,233,000	635,700	156,542	196.29	101.20	126.96	95.09

* Figures relate to the adjusted population according to 1961 Census areas.
NOTE : Rates have been calculated per 1,000 total population.

TABLE 15

Annual Births, Deaths and Infant Deaths with their Rates during 1947-60

Year	Total Urban	Registered			Rates		
		Total Births	Total Deaths	Total Infant Deaths	Birth	Death	Infant Death
1	2	3	4	5	6	7	8
1947	Total	427,755	387,165	61,954	20.14	18.23	144.84
	Urban	67,542	74,006	14,062	15.81	17.32	208.20
1948	Total	453,564	385,270	61,990	21.32	18.11	136.67
	Urban	77,079	83,056	16,122	18.09	19.50	209.16
1949	Total	488,153	372,559	63,439	22.84	17.43	129.96
	Urban	95,746	75,148	15,314	22.29	17.49	159.94
1950	Total	434,258	358,878	56,374	20.25	16.74	129.82
	Urban	85,128	88,405	17,128	19.87	20.63	201.20
1951	Total	530,874	314,218	58,140	21.94	12.99	109.52
	Urban	105,450	81,465	18,518	18.73	14.47	175.61
1952	Total	565,180	265,446	56,299	23.10	10.85	99.61
	Urban	108,952	67,359	17,085	19.11	11.81	156.81
1953	Total	577,398	260,187	54,302	22.70	10.23	94.05
	Urban	112,787	66,515	16,677	19.45	11.47	147.86
1954	Total	594,095	238,964	51,609	23.06	9.28	86.87
	Urban	117,454	56,744	14,583	20.08	9.70	124.16
1955	Total	666,599	233,343	52,610	25.48	8.92	78.92
	Urban	126,802	56,857	15,156	21.44	9.61	119.52
1956	Total	671,073	233,399	52,122	25.17	8,75	77.67
	Urban	138,536	58,397	15,195	22.52	9.49	109.68
1957	Total	639,138	284,056	54,708	22.37	9.94	85.60
	Urban	135,855	71,442	16,978	21.61	11.36	124.97
1958	Total	648,279	269,799	52,104	22.44	9.34	80.37
	Urban	137,202	63,169	15,493	21.59	9.94	112.92
1959	Total	731,119	236,993	51,035	25.03	8.11	69.80
	Urban	119,613	52,649	13,042	18.63	8.20	109.03
1960	Total	653,241	257,526	50,121	19.01	7.49	76.73
	Urban	130,349	61,103	13,815	18.09	8.48	105.98

NOTE : Infant death rates have been calculated per 1,000 total births where birth and death rates have been calculated per 1,000 estimated mid-year population.

TABLE 16

Deaths (Both Sexes) in different Months in Total State and Urban Areas during 1951-60

Year		January Total	February Total	March Total	April Total	May Total	June Total	July Total	August Total	Septem-ber Total	Octo-ber Total	Novem-ber Total	Decem-ber Total	Grand Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1951	Total	28,392	27,281	31,601	28,940	28,838	24,954	23,560	23,720	22,673	22,646	25,602	26,071	314,218
	Urban	8,300	7,992	9,371	7,476	6,539	5,271	5,493	6,171	5,686	5,874	6,827	6,465	81,465
1952	Total	22,849	21,497	22,599	21,943	21,220	18,455	19,469	22,576	20,976	23,931	24,122	25,809	265,446
	Urban	5,810	4,912	5,222	5,562	5,457	4,796	5,462	6,021	5,580	6,094	6,000	6,443	67,359
1953	Total	21,181	19,358	20,173	20,917	19,905	19,467	21,736	24,144	22,875	22,857	23,561	24,013	260,187
	Urban	5,784	4,746	5,402	5,773	5,742	5,729	6,119	5,920	5,381	5,520	5,220	5,179	66,515
1954	Total	20,943	17,743	18,202	19,674	19,026	17,850	21,391	22,202	21,153	20,098	20,307	20,375	238,964
	Urban	5,310	4,119	4,285	4,864	4,819	4,283	5,289	5,159	4,493	4,521	4,787	4,815	56,744
1955	Total	18,562	17,422	17,757	18,479	19,406	19,080	20,582	21,287	21,200	18,422	19,411	21,735	233,343
	Urban	4,769	4,179	4,293	4,425	5,281	5,038	5,280	4,875	4,399	4,403	4,892	5,023	56,857
1956	Total	18,858	17,986	17,496	18,686	18,581	18,315	19,062	21,227	19,404	19,884	21,051	22,849	233,399
	Urban	4,462	4,303	4,171	4,986	5,241	4,751	4,836	5,117	4,773	4,945	4,994	5,818	58,397
1957	Total	21,649	20,501	21,773	22,143	22,929	22,886	23,229	29,663	26,465	25,649	23,479	23,690	284,056
	Urban	6,491	6,130	6,543	6,946	6,097	6,720	5,635	6,039	5,183	5,462	5,114	5,082	71,442
1958	Total	22,666	23,065	25,092	26,757	24,008	21,818	22,081	23,126	21,776	19,900	19,100	20,410	269,799
	Urban	5,595	5,099	5,406	6,259	5,253	4,637	5,399	5,588	5,177	4,904	4,735	5,117	63,169
1959	Total	19,416	16,379	17,891	18,611	19,022	17,771	20,455	21,967	20,066	20,270	22,625	22,520	236,993
	Urban	3,836	3,264	3,240	4,213	4,370	3,703	4,589	4,358	4,811	4,969	5,342	5,954	52,649
1960	Total	21,140	21,667	18,077	21,692	21,289	19,671	19,802	25,477	21,733	23,555	21,716	21,707	257,526
	Urban	5,581	5,179	4,094	4,972	4,941	4,504	4,875	5,287	5,229	5,522	5,239	5,680	61,103

TABLE 17

Deaths by Causes and their Proportion to Total Deaths in the State and Urban Areas during 1951-58

Year	Total Urban	Cholera	Small-pox	Plague	Dysentery and Diarrhoea	Respiratory diseases	Fever	Others	Total Deaths	Death Rates	Proportion to 1,000 Total Deaths: Cholera	Small-pox	Plague	Dysentery, Diarrhoea	Respiratory diseases	Fever	Others
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1951-58	**Total**	**39,066**	**58,698**	**18**	**130,811**	**229,022**	**861,725**	**780,072**	**2,099,412**	**9.99**	**19**	**28**	**N**	**62**	**109**	**410**	**372**
	Urban	**17,694**	**19,999**	**18**	**53,829**	**101,796**	**66,011**	**262,601**	**521,948**	**10.94**	**34**	**38**	**N**	**103**	**195**	**127**	**503**
1951	Total	5,676	26,888	2	18,494	31,857	130,944	100,357	314,218	12.99	18	86	N	59	101	417	319
	Urban	2,590	10,976	2	9,025	14,703	11,584	32,585	81,465	14.47	32	135	N	111	180	142	400
1952	Total	6,057	3,574	16	16,148	30,311	113,691	95,649	265,446	10.85	23	14	N	61	114	428	360
	Urban	2,354	530	16	7,965	14,479	9,274	32,741	67,359	11.81	35	8	N	118	215	138	486
1953	Total	7,788	513	0	17,360	28,969	111,081	94,476	260,187	10.23	30	2	0	67	111	427	363
	Urban	3,541	263	0	8,285	13,083	8,650	32,693	66,515	11.47	53	4	0	125	197	130	491
1954	Total	2,065	850	0	13,915	27,219	103,432	91,483	238,964	9.28	9	3	0	58	114	433	383
	Urban	1,178	541	0	6,297	11,526	7,401	29,801	56,744	9.70	21	10	0	111	203	130	525
1955	Total	3,962	502	0	15,895	25,838	94,038	93,108	233,343	8.92	17	2	0	68	111	403	399
	Urban	1,908	229	0	5,891	10,969	6,813	31,047	56,857	9.61	33	4	0	104	193	120	546
1956	Total	4,148	1,185	0	15,902	25,771	89,426	96,967	233,399	8.75	18	5	0	68	110	383	416
	Urban	1,706	625	0	5,363	11,160	6,331	33,212	58,397	9.49	29	11	0	92	191	108	569
1957	Total	4,075	10,095	0	17,946	30,663	116,434	104,843	284,056	9.94	14	36	0	63	108	410	369
	Urban	1,467	4,824	0	5,717	13,912	9,438	36,084	71,442	11.36	21	67	0	80	195	132	505
1958	Total	5,295	15,091	0	15,151	28,394	102,679	103,189	269,799	9.34	20	56	0	56	105	381	382
	Urban	2,950	2,011	0	5,286	11,964	6,520	34,438	63,169	9.94	47	32	0	84	189	103	545
1959*	Total	529	40	0	2,969	7,599	1,500	20,789	33,426	11.46	16	1	0	89	227	45	622
	Urban	529	40	0	2,969	7,599	1,500	20,789	33,426	11.46	16	1	0	89	227	45	622
1960*	Total	561	6	0	2,843	7,656	1,414	21,428	33,908	11.75	16	N	0	84	226	42	632
	Urban	561	6	0	2,843	7,656	1,414	21,428	33,908	11.75	16	N	0	84	226	42	632

N Stands for negligible figures.
O Stands for nil entry.
* The figures relate to the district of Calcutta only.

TABLE 17.1

Deaths by Causes and their Proportion to Total Deaths in the State and Urban Areas during 1959-60

Year	Total Urban	Cholera	Small-pox	Plague	Unspecified forms of dysentery	Other diseases or respiratory system	Typhoid fever and paratyphoid fever and other salmonella infetionc	Others	Total Deaths	Death Rates	Proportion to 1,000 Total Deaths: Cholera	Small-pox	Plague	Unspecified forms of dysentery	Other diseases or respiratory system	Typhoid and paratyphoid fever and other salmonella infection	Others
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1959*	Total	1,083	2,252	0	6,963	2,524	3,767	186,978	203,567	7.74	5	11	0	34	12	19	919
	Urban	337	138	0	1,250	186	584	16,728	19,223	11.28	18	7	0	65	10	30	870
1960*	Total	1,409	586	0	9,778	242	4,288	207,315	223,618	7.10	6	3	0	44	1	19	927
	Urban	532	45	0	1,780	56	401	24,381	27,195	6.29	20	2	0	65	2	15	896

N Stands for negligible figures.

O Stands for nil entry.

* The figures relate to all the districts except Calcutta.

TABLE 18

Deaths from Special Causes in Towns during 1951-58

Year	No. of Towns	Their 1951 Population (Census)	Cause of Death: Malaria	Pneumonia	Kala-azar	Deaths from Child Birth	Tuberculosis of Lungs	Enteric group of Fevers	Leprosy	Chicken-pox	Whooping Cough	Suicide	Wounds and accident	Snake-bites	Cancer	Influenza
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1951	79	5,611,679	2,036	5,606	349	577	4,106	1,894	107	112	46	240	1,433	47	809	67
1952	81	5,645,273	1,763	5,127	264	577	4,504	1,369	87	35	32	280	1,312	76	875	47
1953	81	5,645,273	1,360	4,569	242	527	3,935	1,363	82	10	46	263	1,264	83	882	45
1954	81	5,645,273	865	3,696	117	465	3,314	1,012	63	51	34	243	1,325	78	985	31
1955	81	5,645,273	711	3,453	101	479	2,930	901	69	29	34	221	1,331	75	1,034	31
1956	84	5,751,788	483	3,644	36	448	3,047	817	91	130	43	245	1,410	112	1,192	33
1957	87	5,810,560	349	5,187	1,440	368	3,141	779	88	1,292	66	263	1,386	136	1,251	416
1958	87	5,810,560	273	3,859	197	375	2,872	704	72	237	43	237	1,348	112	1,343	73
1959*	..	..	30	2,655	9	107	1,955	290	34	43	16	68	709	40	1,027	45
1960*	..	..	35	2,506	4	88	1,981	299	48	31	20	67	781	34	1,058	31

* The figures relate to Calcutta city only.

TABLE 18.1

Deaths from Special Causes in Towns during 1959-60

Year	No.of Towns	Their 1951 Population (Census)	Cause of Death: Malaria	Pneumonia	Kala-azar	Complications of Pregnancy Child Birth and Puerpeium	Pulmonary T.B. without mention of Occupational diseases of Lungs	Typhoid Fever	Leprosy	Chicken-pox	Whooping Cough	Suicide and Self inflicted injuries	Accidents caused by bites & sitings of venomous animals including snakes	Malignant Neoplasms including Neoplasm of Lymphatic and Haematopoetic Tissues	Influenza	Accidents: all other accidents	Accidents: Motor vehicle accident
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1959*	88	5,835,446	98	1,023	11	319	452	242	27	12	9	106	40	342	30	500	10
1960*	89	5,848,184	97	1,470	17	334	532	401	33	6	6	95	105	534	40	733	8

* Figures relate to all the towns of West Bengal except Calcutta city.

TABLE 19

Deaths from Special Causes in Rural Areas during 1951-58

Year	Their 1951 Population (Census)	Cause of Death: Malaria	Pneumonia	Kala-azar	Deaths from Child Birth	Tuberculosis of Lungs	Enteric Group of Fevers	Leprosy	Chicken-pox	Whooping Cough	Suicide	Wounds and accidents	Snake bites	Cancer	Influenza
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1951	18,657,045	34,258	9,008	1,127	2,605	3,731	1,678	686	1,038	532	988	2,740	1,406	139	222
1952	18,657,045	29,747	7,629	864	2,691	3,916	1,475	583	278	502	991	2,834	1,395	126	272
1953	18,657,045	27,142	7,414	39	2,802	3,655	1,697	624	41	437	1,061	3,084	1,628	153	202
1954	18,657,045	22,774	7,101	791	2,517	3,743	1,567	564	43	438	1,206	3,426	1,578	243	143
1955	18,657,045	14,099	6,406	621	2,568	3,452	1,649	626	28	488	1,132	3,298	1,554	265	182
1956	18,657,045	10,360	5,677	499	2,397	3,576	1,831	600	81	359	1,217	4,137	1,533	263	183
1957	18,657,045	10,273	6,255	388	2,025	3,846	1,972	946	876	460	1,253	3,528	1,360	340	660
1958	18,657,045	6,692	6,236	348	1,984	3,761	1,697	733	2,090	484	1,267	3,856	1,278	423	456

TABLE 19.1

Deaths from Special Causes in Rural Areas during 1959-60

Year	Their 1951 Population (Census)	Cause of Death: Malaria	Pneumonia	Kala-azar	Complications of Pregnancy Child Birth and puerperium	Pulmonary T.B. without mention of Occupational diseases of Lungs	Typhoid Fever	Leprosy	Chicken-pox	Whooping Cough	Suicide and Self Inflicted Injurises	Accidents caused by bites & and stings of venomous animals including Snakes	Malignant Neoplasms including Neoplasms of Lymphatic and Haematopoetic Tissues	Influenza	Accidents: All other accidents	Accidents: Motor vehicle accidents
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1959	18,657,045	4,502	7,661	284	2,206	3,374	3,439	739	365	89	1,277	1,391	573	625	4,374	13
1960	18,657,045	2,943	8,156	289	1,771	2,234	3,868	849	67	87	976	1,423	733	590	4,218	12

TABLE 20

Deaths from Special Causes in Individual Towns having Population 30,000 each during the years 1951-58

Name of Town	Its 1951 Population (Census)	Year	Cause of Death: Malaria	Pneumonia	Kala-azar	Death from Child birth	Tuberculosis of Lungs	Enteric Group of Fevers	Leprosy	Chicken-pox	Whooping Cough	Suicide	Wounds and accidents	Snake bites	Cancer	Influenza
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Calcutta	2,548,677	1951	290	4,031	217	276	2,847	1,185	88	72	28	107	817	14	630	45
		1952	855	3,646	124	263	3,024	789	50	27	10	123	733	37	674	30
		1953	636	3,146	118	212	2,698	829	49	3	20	103	749	38	652	29
		1954	441	2,678	51	190	2,279	636	43	22	19	101	721	42	745	23
		1955	395	2,563	42	190	2,033	531	42	21	15	92	706	45	779	15
		1956	222	2,511	267	145	2,023	483	59	115	15	71	706	43	877	17
		1957	129	3,616	1,388	92	2,045	402	58	1,265	25	79	726	54	927	251
		1958	60	2,531	157	102	1,885	357	46	171	27	77	685	51	983	52
		1959	30	2,655	9	107	1,955	290	34	43	15	68	709	40	1,027	45
		1960	35	2,506	4	88	1,981	299	48	31	20	67	781	34	1,058	31
Howrah	433,630	1951	210	617	16	26	355	180	5	..	1	27	147	..	53	..
		1952	170	573	11	23	464	164	1	..	..	34	183	4	34	..
		1953	94	586	8	29	364	120	9	..	..	33	113	2	53	..
		1954	22	284	2	23	302	69	4	8	..	27	139	1	48	..
		1955	38	196	9	19	236	62	7	1	2	20	128	1	57	..
		1956	59	357	1	14	262	79	13	2	7	42	130	..	75	..
		1957	43	498	1	11	248	84	11	..	8	44	117	..	81	..
		1958	39	429	15	7	262	72	10	17	4	21	56	2	84	..
Tollygunge	149,817	1951	1	1	..	1	6	1	..	..	..	..	2	..	..	..
		1952	1	9	..	1	10	7	..	..	1	2	4	..	1	..
		1953*														
Bhatpara	134,916	1951	13	46	1	29	83	31	..	1	..	7	15	2	..	..
		1952	8	27	3	32	95	22	2	..	1	8	16	1	7	..
		1953	4	33	3	20	82	16	2	..	1	5	12	..	9	..
		1954	6	39	3	15	67	14	..	1	..	5	18	..	9	..
		1955	5	36	1	26	56	18	1	..	..	7	13	..	5	..
		1956	4	50	..	31	70	17	2	..	..	..	..	..	9	..
		1957	2	43	..	27	104	36	..	..	..	2	10	1	4	4
		1958	3	27	4	28	78	21	1	..	..	1	17	..	7	..
Kharagpur	129,636	1951†														
		1952†														
		1953†														
		1954†														
		1955†														
		1956	..	2	..	1	..	..	..	1	..	..	..	..	..	..
		1957	..	6	..	..	1	..	..	1	..	..	..	..	1	1
		1958	..	2	..	..	2	..	..	..	..	..	..	..	..	..

* Tollygunge is merged with Calcutta city since 1953.

† Figures are not available.

TABLE 20—*contd.*

Deaths from Special Causes in Individual Towns having Population 30,000 each during the years 1951-58

Name of Town	Its 1951 Population (Census)	Year	Cause of Death: Malaria	Pneumonia	Kala-azar	Death from Child birth	Tuberculosis of Lungs	Enteric Group Fevers	Leprosy	Chicken-pox	Whooping Cough	Suicide	Wounds and accidents	Snake bites	Cancer	Influenza
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Garden Reach	109,160	1951	11	64	..	4	29	29	1	1	..	2	11	..	1	1
		1952	11	46	1	15	36	17	..	..	..	2	7	..	4	..
		1953	16	37	..	10	29	12	..	..	..	1	11	1	3	..
		1954	5	41	..	12	30	14	..	9	..	..	17	..	2	..
		1955	12	26	3	7	30	19	1	1	..	1	10	..	5	1
		1956	10	33	1	5	14	13	1	..	..	..	9	..	10	1
		1957	7	104	11	1	22	20	..	..	..	..	11	..	4	6
		1958	..	41	1	10	25	9	..	..	..	..	8	..	5	..
South Suburban	104,055	1951	17	104	6	1	51	30	1	1	2	6	12	2	5	..
		1952	12	130	6	2	41	35	1	..	8	7	10	3	2	2
		1953	10	148	4	..	43	28	..	..	..	1	10	1	7	2
		1954	10	123	3	..	32	17	..	2	..	4	14	..	3	..
		1955	4	124	3	3	25	12	1	1	..	2	10	..	5	..
		1956	5	127	3	1	25	16	1	5	..	9	12	2	8	1
		1957	2	135	1	..	21	12	..	2	1	3	12	..	8	20
		1958	4	93	1	5	15	11	1	..	1	3	11	..	7	2
Kamarhati	77,251	1951	15	31	1	12	28	34	..	..	..	5	29	..	8	1
		1952	9	63	5	6	36	12	..	..	1	2	25	1	11	..
		1953	9	39	1	9	29	20	2	..	..	10	3	5	7	..
		1954	2	17	..	12	12	9	..	..	..	5	20	1	8	..
		1955	3	32	1	5	23	16	..	..	..	5	17	2	14	..
		1956	10	58	3	15	44	9	..	..	1	5	45	2	17	1
		1957	1	59	3	9	33	14	..	..	1	4	19	2	6	8
		1958	2	54	1	4	34	20	..	..	..	6	16	..	23	1
Baranagar	77,126	1951	30	67	7	8	51	45	..	1	..	7	17	..	12	1
		1952	28	66	7	5	51	53	1	..	..	5	17	2	17	..
		1953	26	68	7	8	35	31	..	..	..	..	8	..	17	..
		1954	10	76	5	3	39	21	1	..	..	8	14	1	17	..
		1955	4	66	2	4	30	14	1	..	..	2	6	..	19	..
		1956	3	68	8	5	35	25	1	2	..	9	18	..	23	..
		1957	..	98	..	4	46	14	2	..	..	4	10	..	16	3
		1958	1	97	1	6	32	17	2	1	..	5	15	..	25	2
Asansol	76,277	1951	..	..	..	1	8	4	1	..	..	..	3	..	..	..
		1952	..	..	..	..	8	3	..	..	..	..	2	..	..	..
		1953	..	..	..	1	1	..	..	..	..	..	1	..	..	..
		1954	..	1	..	1	..	1	..	..	..	..	..	..	..	..
		1955	1	2	..	1	2	1	..	..	..	..	4	..	..	.
		1956	..	..	..	1	4	1	..	..	..	..	..	..	..	..
		1957	1	..	..	..	3	1	..	..	..	..	..	..	..	
		1958	..	10	..	1	5	3	..	..	..	1	2	..	.	..

TABLE 20—*contd.*

Deaths from Special Causes in Individual Towns having Population 30,000 each during the years 1951-58

Name of Town	Its 1951 Population (Census)	Year	Cause of Death: Malaria	Pneumonia	Kala-azar	Death from Child birth	Tuberculosis of Lungs	Enteric Group of Fevers	Leprosy	Chicken-pox	Whooping Cough	Suicide	Wounds and accidents	Snake bites	Cancer	Influenza
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Burdwan	75,376	1951	69	22	6	9	27	21	..	..	..	7	27	4	6	..
		1952	94	27	13	25	34	15	2	..	..	8	22	1	4	..
		1953	42	20	4	15	42	13	..	..	..	9	30	2	7	..
		1954	17	15	2	6	39	16	2	..	..	6	18	5	9	..
		1955	13	23	1	8	44	12	2	..	..	9	41	7	7	..
		1956	10	19	1	18	63	5	..	..	..	13	51	4	10	..
		1957	8	35	1	4	49	4	..	..	..	5	44	5	12	..
		1958	5	20	1	16	43	7	..	1	..	13	6	1	6	..
Serampore	74,324	1951	6	61	4	12	40	28	2	..	..	4	34	3	14	3
		1952	14	50	5	14	38	7	2	1	1	11	32	1	9	..
		1953	8	53	5	10	44	17	1	..	..	9	26	..	12	..
		1954	7	38	7	13	44	20	1	2	..	7	36	..	16	..
		1955	5	33	2	8	23	15	1	..	..	7	34	..	19	..
		1956	10	34	1	12	24	14	1	..	..	2	3	2	9	..
		1957	..	54	3	8	31	9	3	5	1	1	43	..	17	3
		1958	3	44	..	10	25	10	2	12	..	9	25	1	15	..
Titagar	71,622	1951	..	8	2	14	25	..	..	..	2	..	8	1	2	..
		1952	..	3	1	7	39	..	..	..	..	..	7	1	..	..
		1953	..	7	..	16	58	2	..	..	..	1	10	..	4	..
		1954	..	1	..	15	68	..	..	1	..	3	10	1	4	..
		1955	..	7	..	13	58	..	..	..	..	2	14	1	2	..
		1956	..	5	..	16	56	5	..	..	3	1	19	1	4	..
		1957	..	20	2	8	70	..	..	..	..	5	7	1	3	..
		1958	..	20	..	11	60	3	..	..	..	2	15	..	6	..
Baly	63,138	1951	8	9	..	..	18	12	..	..	..	..	..	1	1	2
		1952	8	18	..	1	17	3	..	..	..	1	..	..	2	..
		1953	13	10	..	..	12	7	..	..	..	1	8	..	1	..
		1954	2	12	..	1	7	6	..	..	..	..	1	..	6	..
		1955	..	4	..	..	9	2	1	..	..	..	1	..	3	..
		1956	1	8	1	..	6	..	..	..	..	4	2	2	2	..
		1957	3	8	..	..	7	3	..	..	..	..	1	..	3	3
		1958	..	14	..	1	6	2	..	..	..	5	1	..	6	..
South Dum-Dum	61,391	1951	..	1	..	1	41	2	..	..	..	..	..	..	2	..
		1952	..	1	1	..	40	1	..	..	..	..	..	..	1	..
		1953	..	..	..	1	37	..	1	..	..	1	..	..	..	..
		1954	..	2	..	..	15	3	..	..	..	..	..	..	..	..
		1955	..	2	..	..	6	1	2	..	..	..	..	..	..	..
		1956	..	..	..	..	12	1	..	..	..	..	..	..	..	..
		1957	..	..	..	1	6	2	..	..	1	..	..	..	1	..
		1958	..	1	..	..	15	..	..	..	..	1	..	..	..	..

TABLE 20—*contd.*

Deaths from Special Causes in Individual Towns having Population 30,000 each during the years 1951-58

Name of Town	Its 1951 Population (Census)	Year	Cause of Death: Malaria	Pneumonia	Kala-azar	Death from Child birth	Tuberculosis of Lungs	Enteric Group of Fevers	Leprosy	Chicken-pox	Whooping Cough	Suicide	Wounds and accidents	Snake bites	Cancer	Influenza
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Hooghly-Chinsura	56,805	1951	31	34	13	21	51	35	2	1	..	6	37	..	7	1
		1952	24	36	8	24	58	28	1	..	..	9	28	1	8	..
		1953	11	31	8	18	32	39	3	..	3	5	21	..	6	..
		1954	17	30	7	20	35	21	..	..	2	4	32	2	18	..
		1955	15	25	7	30	31	26	2	..	2	3	25	..	9	2
		1956	12	29	2	17	26	18	1	..	..	5	33	..	11	..
		1957	12	47	2	23	28	16	2	..	..	11	37	..	14	6
		1958	4	34	2	7	30	10	..	..	..	5	23	4	13	2
Kanchrapara	56,668	1951	2	8	..	..	1	..	..	9	1	..	2	..	2	..
		1952	2	2	..	2	5	3	..	..	..	..	..	..	1	..
		1953	..	6	1	1	2	1	1	..	..	..	2	..	1	..
		1954	..	2	..	1	1	2	..	..	..	..	2	1	..	..
		1955	..	2	..	..	2	3	..	..	..	1	2	..	1	..
		1956	1	6	..	..	5	2	..	..	..	..	1	..	3	..
		1957	1	9	..	..	1	..	..	..	..	..	..	..	..	1
		1958	..	2	..	..	2	..	..	..	..	..	..	1	2	..
Nabadwip	56,298	1951	1	16	2	6	6	37	..	..	..	3	8	1	1	..
		1952	7	12	3	11	8	17	1	..	..	2	7	1	15	..
		1953	5	17	3	16	12	36	1	..	1	2	9	1	13	..
		1954	2	14	1	17	10	17	1	..	..	2	5	3	11	1
		1955	3	10	..	17	12	17	1	2	1	4	16	..	8	1
		1956	3	12	2	15	6	11	..	3	..	7	12	..	8	..
		1957	2	11	1	11	7	6	3	..	..	7	13	1	18	8
		1958	..	22	2	11	1	11	..	2	..	3	15	..	9	..
Baharampur	55,613	1951	7	20	14	8	10	9	1	2	..	9	26	..	4	..
		1952	9	17	10	2	17	16	..	..	2	14	15	2	6	..
		1953	3	16	11	2	10	24	1	..	1	11	20	..	3	3
		1954	8	16	3	1	14	10	2	..	..	5	19	..	7	1
		1955	1	15	3	2	7	21	2	..	..	4	44	..	1	..
		1956	2	18	1	..	11	7	..	..	..	8	37	..	12	..
		1957	..	23	..	2	14	14	..	..	..	4	41	..	5	5
		1958	1	12	..	2	13	12	1	..	..	9	45	..	11	1
Naihati	55,313	1951	12	23	1	6	34	21	..	1	..	5	3	..	1	..
		1952	8	16	1	7	39	9	1	..	..	1	2	..	2	1
		1953	6	12	2	6	42	7	..	..	..	4	4	..	1	1
		1954	..	5	..	2	30	..	..	..	1	2	1	..	1	..
		1955	8	5	..	4	19	11	1	1	..	2	8	..	3	..
		1956	3	10	..	2	21	6	2	2	..	..	..	..	4	..
		1957	2	10	1	3	21	1	..	..	8	..	2	..	2	6
		1958	..	3	..	3	19	..	2	1	..	..	2	..	4	..

TABLE 20—*contd.*

Deaths from Special Causes in Individual Towns having Population 30,000 each during the years 1951-58

Name of Town	Its 1951 Population (Census)	Year	Cause of Death: Malaria	Pneumonia	Kala-azar	Death from Child birth	Tuberculosis of Lungs	Enteric Group of Fevers	Leprosy	Chicken-pox	Whooping Cough	Suicide	Wounds and accidents	Snake bites	Cancer	Influenza
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Krishnanagar	50,042	1951	15	14	5	11	21	8	..	..	..	..	9	1	3	..
		1952	18	8	7	15	24	6	..	..	..	..	11	2	..	..
		1953	1	9	5	16	9	7	1	..	..	1	10	3	2	..
		1954	6	7	2	14	11	5	..	..	..	2	14	3	1	..
		1955	1	7	1	16	7	7	..	..	..	..	21	3	4	..
		1956	..	7	1	10	11	2	..	..	1	..	32	2	3	1
		1957	..	7	..	6	11	3	..	..	..	..	26	9	10	4
		1958	..	5	..	12	9	3	..	1	..	..	28	11	3	..
Chandannagar	49,909	1951	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		1952	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		1953	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		1954	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		1955	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		1956	3	49	3	21	39	10	1	..	..	16	15	..	4	7
		1957	3	61	..	18	44	23	..	3	..	13	18	19	6	8
		1958	27	58	..	8	30	11	..	5	..	21	24	15	8	3
Panihati	49,514	1951	..	6	..	..	1	2	..	1	..	..	2	..	2	..
		1952	..	2	..	..	1	..	..	..	..	..	..	..	1	..
		1953	..	5	..	..	1	..	..	..	..	..	..	..	6	..
		1954	..	5	..	..	3	..	..	..	..	..	5	..	3	..
		1955	..	1	1	..	4	..	..	..	..	1	2	..	1	..
		1956	1	9	1	1	11	2	..	1	3	1	11	..	6	..
		1957	1	23	2	1	11	..	..	5	..	2	14	..	3	2
		1958	..	14	..	..	7	1	..	..	..	..	5	..	..	..
Bankura	49,369	1951	..	3	..	4	4	5	..	..	..	1	7	..	7	..
		1952	1	5	..	..	5	4	..	..	..	..	10	..	2	..
		1953	2	2	..	4	4	8	1	..	..	1	6	..	2	..
		1954	1	4	..	1	3	3	1	..	..	..	9	..	5	1
		1955	1	6	..	..	4	4	..	1	..	2	8	..	4	..
		1956	..	4	..	8	8	1	..	..	..	..	12	..	2	1
		1957	1	7	..	3	4	2	..	..	..	..	6	1	1	6
		1958	..	5	..	3	5	2	..	..	..	2	7	..	2	..
Midnapur	45,476	1951	19	30	16	10	10	14	5	..	..	2	22	3	6	..
		1952	23	24	7	23	14	11	2	1	..	4	20	3	2	..
		1953	17	21	4	16	6	9	1	..	..	4	23	1	9	..
		1954	13	24	2	13	8	..	..	1	..	3	17	..	5	..
		1955	6	23	2	8	9	5	..	..	..	4	19	1	14	..
		1956	3	12	5	11	17	3	..	..	..	2	23	5	6	..
		1957	2	21	1	10	7	7	..	..	3	5	37	2	11	2
		1958	1	20	1	7	11	1	..	..	..	4	47	5	11	..

TABLE 20—*contd.*

Deaths from Special Causes in Individual Towns having Population 30,000 each during years 1951-58

Name of Town	Its 1951 Population (Census)	Year	Cause of Death													
			Malaria	Pneumonia	Kala-azar	Death from Child birth	Tuberculosis of Lungs	Enteric Group of Fevers	Leprosy	Chicken-pox	Whooping Cough	Suicide	Wounds and accidents	Snake bites	Cancer	Influenza
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Barrackpur	42,639	1951	3	11	2	5	11	4	..	..	..	2	8	1	..	..
		1952	3	11	1	..	14	15	..	..	..	4	12	1	2	..
		1953	1	5	1	8	12	12	..	..	..	..	21	2	4	..
		1954	3	7	1	5	12	13	..	..	3	..	10	..	8	1
		1955	1	16	2	5	11	13	..	..	3	4	11	..	5	1
		1956	1	5	..	1	15	6	..	..	5	..	1	7	8	..
		1957	..	8	..	3	21	13	..	..	4	4	13	1	3	2
		1958	1	10	..	7	16	8	..	1	..	5	8	..	8	..
Santipur	42,413	1951	..	3	..	..	4	3	..	..	..	2	2	..	..	..
		1952	1	6	..	1	13	3	2	..	..	4	2	1	3	..
		1953	4	4	..	1	5	1	1	..	..	5	4	1	2	..
		1954	3	5	..	1	7	6	1	..	..	3	5	..	2	..
		1955	..	1	..	2	2	5	..	..	..	2	..	1	3	..
		1956	3	7	..	1	8	2	1	..	..	2	3	..	3	2
		1957	..	8	..	2	13	2	..	..	..	5	1	1	6	1
		1958	1	8	..	3	5	3	..	..	..	3	5	..	7	..
Jalpaiguri	41,259	1951	49	18	4	4	24	12	..	..	..	..	24	..	6	1
		1952	42	14	4	4	27	16	4	..	..	5	18	3	5	..
		1953	39	12	3	10	25	9	..	1	..	5	25	..	5	..
		1954	14	9	..	8	23	..	1	..	..	1	16	..	1	..
		1955	9	11	2	15	29	9	..	..	..	2	28	..	6	..
		1956	9	6	..	10	22	2	..	..	1	2	15	..	14	..
		1957	4	15	..	6	15	10	..	1	2	2	19	1	12	3
		1958	1	5	..	16	21	7	..	..	..	5	14	1	6	..
Bhadreswar	36,292	1951	..	19	1	3	25	1	..	..	..	..	2	..	1	..
		1952	1	9	..	1	31	1	..	..	..	1	2	..	2	..
		1953	2	4	1	..	21	3	3	..	..	..	1	..	4	..
		1954	1	5	..	1	17	2	2	..	..	1	1	..	..	..
		1955	..	8	1	..	10	2	..	..	..	3	4	..	3	..
		1956	..	8	..	1	8	3	1	..	..	..	..	2	3	..
		1957	1	7	..	1	16	..	1	..	..	..	3	..	2	6
		1958	1	3	..	1	5	1	..	1	..	2	1	1	3	..
Basirhat	34,823	1951	7	16	..	14	6	10	..	..	..	..	2	..	1	..
		1952	5	6	..	5	5	5	..	..	..	1	2	1	..	.
		1953	9	5	1	2	..	6	..	..	..	7	5	3	..	1
		1954	2	7	2	3	5	3	..	..	..	1	3	..	..	..
		1955	6	7	2	5	3	4	..	..	..	..	1	1	..	1
		1956	1	3	1	5	8	1	..	..	..	1	3	2	3	..
		1957	..	..	..	3	5	1	..	..	..	..	1	2	4	6
		1958	..	3	..	3	2	1	..	5	..	..	3	..	..	..

TABLE 20—*contd.*

Deaths from Special Causes in Individual Towns having Population 30,000 each during the years 1951-58

Name of Town	Its 1951 Population (Census)	Year	Cause of Death: Malaria	Pneumonia	Kala-azar	Death from Child birth	Tuberculosis of Lungs	Enteric Group of Fevers	Leprosy	Chicken-pox	Whooping Cough	Suicide	Wounds and accidents	Snake bites	Cancer	Influenza
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Halisahar	34,666	1951	3	10	1	1	6	8	..	3	..	..	2	1	..	..
		1952	2	13	..	..	9	1	..	..	..	..	2	..	..	..
		1953	1	9	..	..	6	3	..	..	..	6	..	..	..	1
		1954	..	2	..	..	6	..	..	..	..	..	..	..	..	..
		1955	..	4	..	1	3	3	..	..	1	1	3	..	1	..
		1956	..	1	..	..	2	..	..	..	..	..	..	..	..	..
		1957	..	3	..	3	1	..	..	..	..	1	..	1	..	..
		1958	..	2	..	..	5	2	2	3	..	..	..	..	..	..
Darjeeling	33,605	1951	10	25	..	3	40	1	..	1	1	3	12	..	1	..
		1952	20	15	2	3	31	3	..	..	1	1	6	..	2	..
		1953	15	28	..	..	35	1	..	..	..	3	5	..	2	..
		1954	2	9	1	3	28	..	..	..	..	..	10	..	..	..
		1955	2	12	..	..	25	..	..	..	..	3	7	..	..	..
		1956	1	9	..	..	8	..	..	..	..	..	4	..	..	1
		1957	2	21	..	1	18	1	..	..	..	2	11	..	..	..
		1958	..	24	..	..	15	..	..	..	..	..	14	1	..	..
Cooch Behar	33,242	1951	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		1952	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		1953	2	1	..	2	1	2	..	..	..	..	..	..	..	..
		1954	3	13	..	4	5	2	..	..	..	..	5	1	3	..
		1955	4	9	..	1	1	4	..	..	..	..	3	..	3	..
		1956	4	3	..	5	..	..	..	..	..	..	7	..	2	..
		1957	..	2	..	6	1	3	..	..	..	..	5	..	2	..
		1958	..	6	..	8	3	..	..	..	..	..	7	..	4	..
Siliguri	32,480	1951	42	2	1	4	5	4	..	..	..	..	12	1	..	..
		1952	18	..	..	5	7	2	..	..	..	1	7	..	..	1
		1953	24	6	..	10	4	2	..	..	..	1	5	..	..	..
		1954	13	4	1	6	3	..	..	..	..	2	17	1	..	..
		1955	3	1	..	5	11	1	..	..	..	..	15	..	..	..
		1956	5	..	..	4	8	..	..	..	..	..	15	..	..	..
		1957	1	10	..	5	14	6	..	..	..	1	15	..	..	..
		1958	..	13	..	5	13	..	..	..	..	1	12	..	..	..
Budge-Budge	32,196	1951	11	23	1	..	7	10	..	..	..	5	14	1	2	1
		1952	7	13	..	..	13	11	..	..	..	..	7	..	2	3
		1953	7	17	2	..	13	12	..	6	1	..	8	..	3	..
		1954	21	24	..	..	15	6	..	..	1	4	8	..	3	..
		1955	2	20	..	..	16	19	..	..	..	2	10	..	9	1
		1956	5	22	1	..	8	6	..	..	1	5	8	..	6	1
		1957	1	19	1	..	10	2	..	..	2	8	7	..	2	12
		1958	1	36	..	1	15	4	1	..	..	5	10	..	4	..

TABLE 20—*concld.*

Deaths from Special Causes in Individual Towns having Population 30,000 each during the years 1951-58

Name of Town	Its 1951 Population (Census)	Year	Cause of Death: Malaria	Pneumonia	Kala-azar	Death from Child birth	Tuberculosis of Lungs	Enteric Group of Fevers	Leprosy	Chicken-pox	Whooping Cough	Suicide	Wounds and accidents	Snake bites	Cancer	Influenza
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
North Barrackpur	32,173	1951	2	9	..	..	4	4	..	..	..	..	1	..	4	..
		1952	1	6	1	..	5	8	..	..	..	..	5	..	7	..
		1953	..	6	..	..	3	3	..	..	..	1	1	..	1	..
		1954	2	4	..	..	3	3	..	..	..	2	..	1	4	..
		1955	..	3	..	..	6	4	..	..	..	2	4	..	3	..
		1956	..	3	..	..	1	..	..	..	..	1	2	..	4	..
		1957	1	2	..	1	3	1	..	..	..	1	3	..	3	4
		1958	..	3	..	..	4	4	..	1	..	..	2	..	6	1
Chanpdani	31,543	1951	2	15	1	3	9	5	..	..	..	..	5	1	2	..
		1952	1	5	1	2	17	5	1	..	..	..	3	..	1	..
		1953	4	7	..	7	11	10	..	..	..	..	4	..	1	..
		1954	3	7	..	3	11	2	..	..	..	1	6	..	1	..
		1955	..	12	..	1	1	1	1	..	..	1	6	..	2	..
		1956	1	6	..	3	9	..	..	..	..	1	5	..	3	..
		1957	..	1	..	1	3	3	..	1	..	1	2	..	3	4
		1958	..	8	..	10	6	..	..	..	1	..	..	..	..	..
Kulti	31,363	1951*														
		1952*														
		1953*														
		1954*														
		1955*														
		1956*														
		1957*														
		1958*														
English Bazar	30,663	1951	8	4	..	2	3	1	..	..	..	1	7	..	1	..
		1952	2	5	2	7	2	..	..	..	..	2	10	..	1	..
		1953	12	..	1	1	..	..	..	..	2	..	1	1	..	..
		1954	4	3	..	8	13	4	..	..	..	2	25	1	2	..
		1955	2	2	..	7	5	5	..	..	..	1	14	2	1	..
		1956	1	3	..	3	2	2	..	..	..	..	5	..	1	..
		1957	1	5	1	5	6	2	..	..	..	..	13	..	..	..
		1958	..	8	..	4	6	..	..	2	..	..	17	..	1	..
Bansbaria	30,622	1951	8	7	..	5	4	..	..	..	..	..	4	1	2	..
		1952	3	8	1	5	7	..	..	3	..	..	5	..	7	1
		1953	3	6	..	3	8	..	..	..	1	..	2	2	5	..
		1954	1	8	..	3	6	..	..	..	..	2	5	1	2	..
		1955	..	1	..	6	3	..	..	..	..	1	4	..	4	..
		1956	3	8	1	5	11	..	..	..	..	3	1	1	..	..
		1957	3	4	..	1	5	..	..	7	..	1	4	2	2	..
		1958	2	9	..	2	7	..	..	..	..	1	2	1	5	..

* Figures are not available.

TABLE 20.1

Death from Special Causes in Individual Towns having Population 30,000 each during the years 1959-60

Name of Town	Its 1951 Population (Census)	Year	Cause of Death: Malaria	Pneumonia	Kala-azar	Complication of Pregnancy Child Birth and Puerperium	Pulmonary T.B. without mention of Occupational Diseases of Lungs	Typhoid fever	Leprosy	Chicken-pox	Whooping Cough	Suicide and Self-inflicted injuries	Accidents caused by bites and stings of venomous animals including Snakes	Malignant Neoplasms including Neoplasms of Lymphatic and Haematopoetic Tissues	Influenza	Accidents: All other accidents	Accidents: Motor vehicle accidents
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Howrah	433,630	1959	23	410	1	26	107	48	6	1	3	19	3	81	9	55	2
		1960	27	658	3	21	180	90	13	..	2	28	8	119	3	98	1
Bhatpara	134,916	1959	..	18	..	9	..	3	1	..	..	..	1	2	..	1	..
		1960	..	29	..	15	17	15	1	..	..	1	..	9	..	12	..
Kharagpur	129,636	1959	2	3	..	..	1	..	2	..	..	..	1	1	1	2	..
		1960	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Garden Reach	109,160	1959	..	24	1	12	5	12	..	..	..	1	..	8	..	8	..
		1960	2	31	..	8	13	7	..	..	..	2	1	14	..	9	..
South Suburban	104,055	1959	..	72	..	..	4	5	..	..	..	..	1	1	3	7	..
		1960	2	55	..	..	9	11	..	..	..	4	1	6	..	7	1
Kamarhati	77,251	1959	..	21	..	..	..	2	..	..	..	1	..	8	..	5	1
		1960	..	77	..	..	..	19	..	..	..	1	..	20	..	26	..
Baranagar	77,126	1959	1	71	..	2	25	5	2	1	..	5	..	11	..	15	..
		1960	..	68	..	4	30	9	1	..	..	2	..	19	2	15	..
Asansol	76,277	1959	..	..	..	..	..	1	..	..	..	1	..	4	..	5	..
		1960	..	1	..	..	..	1	..	..	..	..	..	1	..	3	..
Burdwan	75,376	1959	..	13	1	22	40	6	1	..	..	12	3	27	..	43	2
		1960	3	29	1	30	65	14	..	..	..	6	14	33	2	49	..
Serampore	74,324	1959	2	15	..	5	16	12	..	1	..	4	..	11	..	14	..
		1960	..	28	..	10	3	2	..	..	..	2	1	6	..	38	..
Titagarh	71,622	1959	..	4	..	8	14	..	..	..	..	..	..	1	..	2	..
		1960	2	11	..	10	13	3	..	..	..	3	..	3	..	9	..

TABLE 20.1—*contd.*

Death from Special Causes in Individual Towns having Population 30,000 each during the years 1959-60

Name of Town	Its 1951 Population (Census)	Year	Cause of Death: Malaria	Pneumonia	Kala-azar	Complication of Pregnancy Child Birth and Puerperium	Pulmonary T.B. without mention of Occupational Diseases of Lungs	Typhoid fever	Leprosy	Chicken-pox	Whooping Cough	Suicide and Self-inflicted injuries	Accidents caused by bites and stings of venomus animals including Snakes	Malignant Neoplasms including Neoplasms of Lymphatic and Haematopoetic Tissues	Influenza	Accidents: All other accidents	Accidents: Motor vehicle accidents
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Baly	63,138	1959	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
		1960	..	36	..	4	..	13	..	..	1	1	..	12	..	18	1
South Dum-Dum	61,391	1959	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..
		1960	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..
Hooghly-Chinsura	56,805	1959	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
		1960	1	31	1	3	1	8	1	..	..	1	4	10	2	9	..
Kanchrapara	56,668	1959	..	3	..	..	1	1	..	..	..	..	..	1	..	..	..
		1960	..	2	..	..	3	..	..	..	..	..	..	1	..	..	..
Nabadwip	56,298	1959	..	3	..	2	1	4	..	2	..	3	..	1	..	4	..
		1960	1	12	1	9	11	21	..	..	..	3	1	11	..	13	..
Baharampur	55,613	1959	1	..	..	10	20	8	..	..	1	7	1	31	..	32	..
		1960	..	5	1	10	..	5	..	..	..	4	..	13	1	38	.
Naihati	55,313	1959	1	7	1	2	8	1	..	..	..	..	..	9	1	4	..
		1960	..	3	..	..	4	..	..	..	..	..	..	7	..	..	1
Krishnanagar	50,042	1959	1	8	1	22	6	4	..	1	..	1	1	5	1	26	..
		1960	1	5	1	15	5	2	..	2	..	..	12	5	..	38	2
Chandannagar	49,909	1959	*	*	*	*	*	*	*	*	*	*	*	*	*	*	..
		1960	..	19	..	4	5	9	2	..	..	..	..	24	2	19	..
Panihati	49,514	1959	1	21	1	2	3	14	..	..	..	3	1	11	1	12	1
		1960	1	27	1	7	..	13	..	..	..	..	..	19	5	22	..
Bankura	49,369	1959	..	..	..	5	1	2	1	..	..	..	..	7	..	3	..
		1960	..	6	..	1	..	2	..	..	..	..	1	6	..	6	..

TABLE 20.1—*contd.*

Death from Special Causes in Individual Towns having Population 30,000 each during the years 1959-60

Name of Town	Its 1951 Population (Census	Year	Cause of Death: Malaria	Pneumonia	Kala-azar	Complication of Pregnancy Child Birth and Puerperium	Pulmonary T.B. without mention of Occupational Diseases of Lungs	Typhoid fever	Leprosy	Chickenpox	Whooping Cough	Suicide and Self-inflicted injuries	Accidents caused by bites and stings of venomous animals including Snakes	Malignant Neoplasms including Neoplasms of Lymphatic and Haematopoetic Tissues	Influenza	Accidents: All other accidents	Accidents: Motor vehicle accidents
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Midnapur	45,476	1959	4	3	..	8	2	4	..	1	..	1	5	4	..	26	1
		1960	2	4	..	7	6	10	2	..	..	1	4	14	1	9	1
Barrackpur	42,639	1959	1	25	..	8	13	3	1	..	..	2	1	3	1	9	..
		1960	..	13	..	1	1	4	1	..	..	..	1	17	2	11	..
Santipur	42,413	1959	2	4	..	1	4	5	2	..	..	6	1	9	..	5	..
		1960	1	10	..	1	7	9	3	..	..	2	3	4	..	4	1
Jalpaiguri	41,258	1959	5	13	..	31	14	10	..	..	..	..	4	4	..	25	1
		1960	4	14	1	25	3	7	..	..	..	2	1	4	..	20	..
Bhadreswar	36,292	1959	..	14	..	..	7	2	..	..	..	..	..	5	..	..	..
		1960	..	4	..	..	..	3	..	..	..	..	..	8	..	5	..
Basirhat	34,823	1959	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
		1960	2	3	..	8	3	2	..	1	..	1	..	1	1	6	..
Halisahar	34,666	1959	..	1	..	..	3	..	..	..	..	..	..	..	..	..	..
		1960	1	1	..	..	..	..	..	..	..	..	..	2	..	..	..
Darjeeling	33,605	1959	2	26	..	13	12	4	..	..	..	1	..	1	..	13	..
		1960	1	9	..	8	6	2	..	2	..	1	..	6	3	15	..
Cooch Behar	33,242	1959	2	24	..	12	9	7	..	1	..	1	..	5	..	5	..
		1960	1	11	..	23	9	2	..	..	..	..	..	14	..	23	..
Siliguri	32,480	1959	2	10	..	6	10	..	..	..	..	..	1	1	..	17	..
		1960	1	24	..	9	5	4	..	..	..	..	..	1	..	13	..
Budge-Budge	32,196	1959	1	31	1	2	6	12	..	..	1	7	1	16	1	18	..
		1960	..	38	2	5	5	15	..	..	1	..	3	28	6	18	..

TABLE 20.1—*concld.*

Death from Special Causes in Individual Towns having Population 30,000 each during the years 1959-60

Name of Town	Its 1951 Population (Census)	Year	Cause of Death: Malaria	Pneumonia	Kala-azar	Complication of Pregnancy Child Birth and Puerperium	Pulmonary T.B. without mention of Occupational Diseases of Lungs	Typhoid fever	Leprosy	Chicken-pox	Whooping Cough	Suicide and Self-inflicted injuries	Accidents caused by bites and stings of venomous animals including Snakes	Malignant Neoplasms including Neoplasms of Lymphatic and Haematopoetic Tissues	Influenza	Accidents: All other accidents	Accidents: Motor vehicle accidents
* 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
North Barrackpur	32,173	1959	..	4	..	..	4	1	..	1	..	..	..	1	..	44	..
		1960	..	..	..	..	3	1	..	..	..	..	1	5	..	1	1
Chanpdani	31,543	1959	1	13	..	1	7	3	..	..	..	..	..	8	..	2	*
		1960	..	1	1	..	3	2	..	..	..	...	17	2	..	2	..
Kulti	31,363	1959	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
		1960	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
English Bazar	30,663	1959	..	7	..	5	1	1	..	..	1	1	2	2	..	10	1
		1960	2	9	..	8	3	3	1	..	..	..	1	5	..	19	..
Bansbaria	30,622	1959	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
		1960	1	1	..	2	..	2	1	..	..	2	1	6	1	2	..

* Figures are not available.

TABLE 21

Annual Deaths (Both Sexes) from Cholera in different months in the State (All Areas) during 1951-60

Year	Area	January	February	March	April	May	June	July	August	September	October	November	December	Total		
														Male	Female	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1951	Total	438	497	764	957	870	567	431	258	104	150	223	417	2,890	2,786	5,676
1952	Total	425	657	840	1,209	948	386	376	233	124	215	362	282	3,009	3,048	6,057
1953	Total	350	391	687	972	1,063	1,675	1,225	510	214	204	290	207	3,856	3,932	7,788
1954	Total	53	44	96	486	630	319	195	71	37	38	37	59	1,037	1,028	2,065
1955	Total	88	24	49	209	873	1,017	830	250	111	103	217	191	1,995	1,967	3,962
1956	Total	186	134	191	516	887	612	354	265	124	315	304	260	1,949	2,199	4,148
1957	Total	335	472	229	343	494	351	497	534	362	164	105	189	1,939	2,136	4,075
1958	Total	401	319	378	1,435	860	493	644	465	172	78	26	24	2,728	2,567	5,295
1959	Total	27	22	20	62	254	309	335	172	99	100	112	100	773	839	1,612
1960	Total	95	67	56	189	315	239	305	189	100	142	149	124	967	1,003	1,970

TABLE 22

Annual Deaths (Both Sexes) from Small-pox in different months in the State (All Areas) during 1951-60

Year	Area	January	February	March	April	May	June	July	August	September	October	November	December	Total		
														Male	Female	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1951	Total	2,809	3,654	5,773	4,771	4,230	2,872	1,221	621	253	202	165	317	13,208	13,680	26,888
1952	Total	358	427	840	770	633	268	94	47	26	30	41	40	1,766	1,808	3,574
1953	Total	48	76	79	92	54	36	24	30	15	3	3	53	282	231	513
1954	Total	104	144	161	119	105	62	45	33	36	11	9	21	420	430	850
1955	Total	39	24	144	60	54	41	38	48	11	9	15	19	256	246	502
1956	Total	32	31	99	87	144	104	95	83	73	54	75	308	582	603	1,185
1957	Total	787	1,096	1,411	1,943	1,423	851	501	412	203	169	359	940	5,018	5,077	10,095
1958	Total	1,340	2,004	2,662	3,151	2,511	1,640	719	335	295	131	120	183	7,307	7,784	15,091
1959	Total	343	265	489	470	322	125	69	41	14	13	29	112	1,131	1,161	2,292
1960	Total	34	75	84	163	121	41	20	21	3	3	7	20	306	286	592

TABLE 23

Annual Deaths (Both Sexes) from Plague in different months in the State (All Areas) during 1951-60

Year*	Area	January	February	March	April	May	June	July	August	September	October	November	December	Total		
														Male	Female	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1951	Total	..	..	..	6	1	..	..	1	..	..	..	..	8	..	8
1952*	Total	..	2	5	4	5	..	..	..	..	..	..	..	16	..	16

* As there is no entry the years 1953-60 have been omitted.

TABLE

Annual Births, Deaths and Infant Deaths in Districts

District	Total Urban	1951			1952			1953			1954		
		Births	Deaths	Infant Deaths	Births	Deaths	Infant Deaths	Births	Deaths	Infant Deaths	Births	Deaths	Infant Deaths
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Darjeeling	Total	11,237	8,296	1,088	11,863	6,960	1,114	11,078	6,698	1,076	11,023	6,550	1,078
	Urban	1,648	1,188	147	1,713	1,066	152	1,784	1,102	148	1,915	1,094	140
Jalpaiguri	Total	27,268	16,031	2,886	29,574	15,293	3,208	28,126	15,152	2,939	28,051	12,723	2,319
	Urban	835	497	6	976	461	6	915	464	2	957	335	6
Cooch Behar	Total	*	*	*	*	*	*	10,287	5,380	1,100	14,923	7,377	1,558
	Urban	*	*	*	*	*	*	732	160	46	1,485	267	52
West Dinajpur	Total	15,325	13,020	1,852	19,131	10,674	1,970	17,450	10,450	2,107	17,163	10,097	1,799
	Urban	*	*	*	206	72	4	407	151	22	574	135	23
Malda	Total	18,372	12,164	1,958	21,352	9,253	1,697	23,416	10,171	2,059	20,393	9,284	1,628
	Urban	912	261	57	618	148	27	1,471	242	50	910	215	34
Murshidabad	Total	49,864	21,646	4,605	48,668	17,038	4,074	47,207	17,159	3,633	48,177	15,796	3,615
	Urban	3,237	1,383	206	2,960	1,086	101	2,139	1,089	152	2,367	1,042	173
Nadia	Total	23,540	14,078	2,455	25,102	10,275	2,076	24,815	9,906	1,866	29,495	8,900	1,991
	Urban	3,572	1,875	148	4,122	1,187	133	3,971	1,277	159	4,025	1,195	116
24-Parganas	Total	67,624	40,439	5,841	72,722	36,507	5,616	73,413	34,640	5,374	74,385	30,192	5,309
	Urban	14,669	11,122	2,170	16,040	9,473	2,070	14,403	9,285	2,067	15,015	8,306	1,931
Calcutta	Urban	58,846	47,493	11,947	59,641	38,422	10,887	62,631	38,045	10,096	65,405	32,114	8,943
Howrah	Total	24,477	20,292	3,956	26,800	16,478	3,565	25,697	16,247	3,838	24,367	13,385	3,129
	Urban	8,705	10,127	2,744	9,326	8,668	2,549	9,445	8,433	2,767	8,887	6,582	2,179
Hooghly	Total	31,425	16,280	2,719	33,936	14,125	2,730	36,028	13,865	3,012	37,166	12,358	2,572
	Urban	6,947	3,921	737	7,265	3,646	793	8,492	3,359	852	8,899	3,023	663
Burdwan	Total	46,467	25,223	4,744	50,536	21,856	5,093	51,328	20,915	4,611	53,815	18,986	4,627
	Urban	2,387	1,618	162	2,296	1,337	149	2,129	1,221	129	2,196	1,001	118
Birbhum	Total	31,780	18,766	3,723	35,631	13,353	3,747	36,016	12,194	3,343	35,284	12,708	3,437
	Urban	448	241	34	659	428	69	713	244	26	981	198	17
Bankura	Total	34,381	17,450	3,187	39,044	15,203	3,406	41,435	15,038	3,126	36,392	13,816	2,815
	Urban	1,030	539	61	964	350	35	1,128	398	35	1,024	361	45
Midnapore	Total	90,268	43,040	7,179	91,180	40,009	7,116	88,471	34,327	6,122	98,056	34,678	6,789
	Urban	2,214	1,200	99	2,166	1,015	110	2,427	1,045	126	2,814	876	143
Purulia	Total	*	*	*	*	*	*	*	*	*	*	*	*
	Urban	*	*	*	*	*	*	*	*	*	*	*	*

* Figures are not available.

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and their Urban Areas during 1951-60

1955			1956			1957			1958			1959			1960		
Births	Deaths	Infant Deaths	Births	Deaths	Infant Deaths	Births	Deaths	Infant Deaths	Births	Deaths	Infant Deaths	Births	Deaths	Infant Deaths	Births	Deaths	Infant Deaths
15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
12,576	5,752	880	12,119	5,057	769	12,273	5,095	886	12,666	5,256	1,010	11,877	4,739	729	12,380	5,060	785
2,483	1,070	185	2,529	820	129	2,766	1,092	203	3,192	1,128	221	3,130	1.242	207	2,835	1,166	153
34,826	12,467	2,652	36,437	11,353	2,600	36,816	11,203	2,357	38,349	10,674	2,477	38,423	11,774	2,659	34,566	11,780	2,424
1,225	365	1	1,451	349	4	1,438	395	4	1,520	427	2	1,587	416	3	1,645	467	17
18,261	6,614	1,497	22,317	6,573	1,829	21,970	6,834	1,719	23,735	6,621	1,727	22,589	6,797	1,860	20,127	7,091	1,616
1,922	230	73	2,272	151	44	2,167	154	33	2,349	224	46	2,166	403	99	2,379	281	22
19,850	7,807	1,622	21,128	7,310	1,695	24,809	9,596	1,970	27,272	12,220	2,229	37,382	10,889	2,756	30,205	11,285	2,742
658	135	25	752	148	32	780	130	16	569	120	19	747	120	22	1,138	135	14
24,464	7,160	1,372	22,051	8,181	1,632	20,303	9,513	1,562	20,823	9,733	1,756	26,806	8,288	1,755	24,369	9,854	1,932
1,300	169	41	1,192	213	40	1,108	228	38	1,260	361	56	1,100	168	32	1,208	282	48
58,551	16,022	3,897	52,529	16,855	3,617	46,674	20,995	3,615	46,610	24,494	4,360	63,335	17,396	4,080	53,040	16,938	3,363
3,257	960	150	4,525	1,227	224	4,067	1,576	259	4,475	1,307	217	4,970	1,256	193	4,691	1,014	137
35,195	8,849	2,272	35,589	8,954	2,102	34,455	10,332	1,991	33,747	9,723	2,019	42,475	10,475	2,591	38,410	12,514	2,561
5,447	1,278	208	5,920	1,576	184	5,605	1,664	183	6,175	1,510	178	5,835	1,146	137	6,730	1,694	144
79,761	30,312	5,654	77,491	29,477	5,139	75,007	37,748	5,848	79,695	33,908	5,155	83,046	28,112	4,825	76,394	33,021	5,152
14,798	8,131	1,968	15,741	7,889	1,824	14,999	9,950	2,052	15,305	8,762	1,816	12,181	5,778	1,274	14,678	8,395	1,721
69,702	32,417	9,271	72,825	33,079	9,374	72,097	40,027	10,349	71,255	34,207	9,216	69,636	33,426	9,072	70,841	33,908	8,716
26,915	13,724	3,230	27,285	13,032	3,179	26,519	17,847	3,882	26,675	15,724	3,462	25,363	11,631	2,420	27,480	13,617	2,827
9,158	6,535	2,239	9,606	6,501	2,237	8,672	8,691	2,628	8,962	7,743	2,470	5,351	4,647	1,398	8,009	6,844	1,842
37,753	12,377	2,572	41,832	11,892	2,337	37,261	13,706	2,383	35,428	12,649	2,152	33,199	9,723	1,581	33,562	12,516	1,886
8,780	3,027	683	12,055	3,635	776	11,957	4,057	827	11,633	3,931	860	3,321	1,227	251	6,148	3,494	528
60,746	18,730	4,800	60,864	18,093	4,622	53,731	20,035	4,127	49,139	21,227	4,049	54,797	16,561	3,536	53,118	18,568	3,916
2,249	1,001	103	3,012	1,110	88	2,972	1,234	109	2,937	1,322	114	2,832	1,175	117	3,661	1,507	194
37,810	12,028	3,081	37,421	12,421	3,027	33,412	13,996	2,919	33,321	14,960	3,207	43,683	13,470	3,267	34,950	13,165	2,900
1,295	285	49	1,521	288	62	1,659	312	62	1,903	303	67	2,025	180	28	1,419	153	17
41,437	14,831	2,966	42,026	15,496	3,020	36,943	18,369	3,085	35,220	15,801	2,443	43,941	14,187	2,687	35,201	15,772	2,594
1,032	333	50	1,421	394	40	1,276	453	54	1,282	437	49	1,592	430	54	1,718	373	30
108,752	34,253	6,844	109,159	35,626	7,180	95,742	42,669	7,628	106,899	37,457	6,619	123,588	34,621	6,977	99,526	37,732	6,505
3,496	921	110	3,714	1,017	137	3,699	1,148	150	3,841	1,129	144	2,439	656	138	2,826	1,154	226
*	*	*	*	*	*	11,126	6,091	387	7,445	5,145	223	10,679	4,904	240	9,072	4,705	202
*	*	*	*	*	*	593	331	11	544	258	18	701	379	17	423	236	6

TABLE

Annual Birth, Death and Infant Death Rates in

District	Total Urban	1951			1952			1953			1954		
		Births	Deaths	Infant Deaths	Births	Deaths	Infant Deaths	Births	Deaths	Infant Deaths	Births	Deaths	Infant Deaths
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Darjeeling	Total	25.22	18.62	96.82	26.39	15.49	93.91	24.37	14.73	97.13	24.02	14.27	97.80
	Urban	17.43	12.56	89.20	18.02	11.21	88.73	18.64	11.51	82.96	19.84	11.33	73.11
Jalpaiguri	Total	29.73	17.48	105.84	31.80	16.44	108.47	29.79	16.05	104.49	29.31	13.30	82.67
	Urban	20.22	12.03	7.19	23.37	11.04	6.15	21.65	10.98	2.19	22.42	7.85	6.27
Cooch Behar	Total	*	*	*	*	*	*	15.17	7.93	106.93	21.77	10.76	104.40
	Urban	*	*	*	*	*	*	13.97	3.05	62.84	27.85	5.01	35.02
West Dinajpur	Total	21.24	18.04	120.85	26.30	14.67	102.97	23.73	14.21	120.74	23.12	13.60	104.82
	Urban	..	..	..	6.10	2.13	19.42	12.00	4.45	54.05	16.72	3.93	40.07
Malda	Total	19.58	12.96	106.58	22.54	9.77	79.48	24.37	10.58	87.93	20.96	9.54	79.83
	Urban	25.75	7.37	62.50	17.12	4.10	43.69	39.74	6.54	33.99	24.12	5.70	37.36
Murshidabad	Total	28.96	12.57	92.35	27.77	9.72	83.71	26.45	9.61	76.96	26.54	8.70	75.04
	Urban	23.94	10.23	63.64	21.56	7.91	34.12	15.40	7.84	71.06	16.92	7.45	73.09
Nadia	Total	20.54	12.28	104.29	21.65	8.86	82.70	21.13	8.43	75.20	24.77	7.48	67.50
	Urban	18.20	9.55	41.33	20.73	5.97	32.27	19.67	6.33	40.04	19.70	5.85	28.82
24-Parganas	Total	14.64	8.76	86.37	15.64	7.85	77.23	15.67	7.39	73.20	16.26	6.60	71.37
	Urban	11.40	8.64	147.93	12.41	7.33	129.05	11.09	7.15	143.51	13.02	7.20	128.60
Calcutta	Urban	23.09	18.63	203.02	23.22	14.96	182.54	24.17	14.68	161.20	23.62	11.60	136.73
Howrah	Total	15.18	12.59	161.62	16.54	10.17	133.02	15.77	9.97	149.36	14.86	8.16	128.41
	Urban	17.53	20.39	315.22	18.80	17.48	273.32	19.00	16.96	292.96	17.83	13.20	245.19
Hooghly	Total	20.16	10.45	86.52	21.54	8.97	80.45	22.57	8.69	83.60	22.96	7.63	69.20
	Urban	20.11	11.35	106.09	20.83	10.45	109.15	24.07	9.52	100.33	24.82	8.43	74.50
Burdwan	Total	21.14	11.47	102.09	22.73	9.83	100.78	22.77	9.28	89.83	23.56	8.31	85.98
	Urban	10.92	7.40	67.87	10.46	6.09	64.90	9.65	5.54	60.59	9.91	4.52	53.73
Birbhum	Total	29.66	17.51	117.15	32.73	12.26	105.16	32.84	11.12	92.82	31.49	11.34	97.41
	Urban	9.31	5.01	75.89	13.65	8.86	104.70	14.65	5.02	36.47	19.89	4.01	17.33
Bankura	Total	25.95	13.17	92.70	28.97	11.28	87.23	30.21	10.97	75.44	26.08	9.90	77.35
	Urban	12.01	6.29	59.22	11.16	4.05	36.31	12.97	4.57	31.03	11.67	4.12	43.45
Midnapore	Total	26.74	12.75	79.53	26.58	11.66	78.04	25.44	9.87	69.20	27.73	9.81	69.24
	Urban	22.61	12.26	44.72	21.85	11.24	50.78	24.21	10.42	51.92	27.62	8.60	50.82
Purulia	Total	*	*	*	*	*	*	*	*	*	*	*	*
	Urban	*	*	*	*	*	*	*	*	*	*	*	*

* Figures are not available.

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Districts and their Urban Areas during 1951-60

1955			1956			1957			1958			1959			1960		
Births	Deaths	Infant Deaths	Births	Deaths	Infant Deaths	Births	Deaths	Infant Deaths	Births	Deaths	Infant Deaths	Births	Deaths	Infant Deaths	Births	Deaths	Infant Deaths
15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
27.09	12.39	69.97	25.71	10.71	63.45	25.63	10.64	72.19	26.07	10.82	79.74	24.17	9.64	61.38	20.20	8.26	63.41
25.45	10.97	74.51	25.50	8.27	51.01	27.41	10.82	73.39	31.08	10.98	69.24	30.14	11.96	66.13	20.20	8.31	53.97
35.69	12.78	76.15	36.43	11.35	71.36	35.90	10.93	64.02	36.46	10.15	64.59	35.89	11.00	69.20	25.98	8.85	70.13
28.20	8.40	0.82	32.64	7.85	2.76	31.58	8.67	2.78	32.59	9.16	1.32	20.81	5.45	1.89	21.41	6.08	10.33
26.29	9.52	81.98	31.52	9.28	81.96	30.31	9.43	78.24	32.06	8.94	72.76	30.13	9.07	82.34	20.20	7.12	80.29
35.10	4.20	37.98	40.10	2.67	19.37	36.83	2.62	15.23	38.63	3.68	19.58	33.53	6.24	45.71	57.52	6.79	9.25
26.44	10.40	81.71	27.62	9.56	80.23	23.36	9.04	79.41	25.34	11.35	81.73	34.39	10.02	73.73	23.09	8.63	90.78
18.92	3.88	37.99	21.28	4.19	42.55	21.64	3.61	20.51	15.54	3.28	33.39	20.15	3.24	29.45	19.76	2.34	12.30
24.80	7.26	56.08	21.98	8.15	74.01	19.99	9.36	76.93	20.34	9.51	84.33	25.88	8.00	65.47	20.28	8.20	79.28
33.61	4.37	31.54	30.00	5.36	33.58	27.25	5.61	34.30	30.44	8.72	44.44	26.01	3.97	29.09	24.10	5.62	39.74
31.62	8.65	66.56	27.76	8.91	68.86	24.24	10.90	77.45	24.03	12.63	93.54	32.15	8.83	64.42	23.53	7.51	63.40
22.99	6.78	46.05	31.32	8.49	49.50	27.57	10.68	63.68	29.91	8.73	48.49	32.75	8.28	38.83	28.97	6.26	29.20
28.98	7.29	64.55	28.67	7.21	59.06	27.18	8.15	57.79	26.18	7.54	58.83	32.68	8.00	60.57	22.90	7.46	66.68
26.22	6.15	38.19	27.89	7.42	31.08	25.91	7.69	32.65	28.06	6.86	28.83	26.11	5.13	23.48	25.16	6.33	21.40
17.25	6.55	70.89	16.58	6.31	66.32	15.90	8.00	77.79	16.77	7.14	64.68	17.33	5.87	58.10	12.39	5.35	67.44
12.75	7.01	132.99	13.13	6.58	115.88	12.46	8.26	136.81	12.66	7.25	118.65	10.02	4.75	104.59	8.97	5.13	117.25
24.85	11.56	133.01	25.60	11.63	128.72	25.04	13.90	143.54	24.46	11.74	129.34	23.89	11.47	130.28	24.57	11.76	123.04
16.29	8.31	120.01	16.37	7.82	116.51	15.81	10.64	146.39	15.83	9.33	129.78	14.96	6.86	95.41	13.64	6.76	102.87
18.27	13.04	244.49	19.03	12.88	232.88	17.16	17.20	303.04	17.72	15.31	275.61	10.56	9.17	261.26	13.16	11.25	229.99
22.95	7.52	68.13	24.20	6.88	55.87	21.22	7.81	63.95	19.94	7.12	60.74	18.44	5.40	47.62	15.31	5.71	56.19
24.11	8.31	77.79	28.23	8.51	64.37	27.49	9.33	69.16	26.27	8.88	73.94	7.39	2.73	75.58	11.45	6.51	85.88
26.14	8.06	79.02	25.72	7.65	75.94	22.32	8.32	76.81	20.20	8.72	82.40	22.22	6.72	64.53	17.56	6.14	73.72
10.09	4.49	45.80	13.42	4.95	29.22	13.18	5.45	36.68	12.90	5.81	38.82	12.37	5.13	41.31	12.63	5.20	52.99
33.04	10.51	81.49	31.99	10.62	80.89	27.98	11.72	87.36	27.55	12.37	96.25	35.54	10.96	74.79	24.57	9.26	82.98
25.81	5.68	37.84	29.66	5.62	40.76	31.51	5.93	37.37	35.27	5.62	35.21	36.93	3.28	13.83	21.91	2.36	11.98
29.15	10.43	71.58	29.04	10.71	71.86	25.09	12.48	83.51	25.69	10.63	69.36	29.10	9.40	61.15	21.41	9.59	73.69
11.67	3.76	48.45	15.91	4.41	27.15	14.13	5.02	42.32	14.10	4.81	38.22	17.35	4.69	33.92	16.04	3.48	17.46
30.15	9.50	62.93	29.66	9.68	65.78	25.56	11.39	79.67	28.14	9.86	61.92	32.03	8.97	56.45	23.24	8.81	65.36
33.55	8.84	31.46	20.60	5.64	36.89	20.23	6.28	40.55	20.72	6.09	37.49	12.91	3.47	56.58	13.06	5.33	79.97
*	*	*	*	*	*	9.13	5.00	34.78	6.09	4.21	29.95	8.69	3.99	22.47	6.74	3.50	22.27
*	*	*	*	*	*	8.93	4.99	18.55	8.17	3.87	33.09	10.36	5.60	24.25	6.22	3.47	14.18

TABLE

Infant Deaths by Age and Sex in Districts and their

District	Total Urban	Within 1st 24 hours after birth			After 24 hours to the end of the 1st week			From the beginning of the 2nd week to the end of the 1st month			Total		
		Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
1	2	3	4	5	6	7	8	9	10	11	12	13	14
													YEAR
Darjeeling	Total	40	24	16	150	74	76	280	158	122	470	256	214
	Urban	7	4	3	47	22	25	31	20	11	85	46	39
Jalpaiguri	Total	238	146	92	734	413	321	616	346	270	1,588	905	683
	Urban	2	1	1	2	1	1	1	1	..	5	3	2
Cooch Behar	Total	*	*	*	*	*	*	*	*	*	*	*	*
	Urban	*	*	*	*	*	*	*	*	*	*	*	*
West Dinajpur	Total	140	77	63	390	203	187	380	212	168	910	492	418
	Urban	..	..	..	..	..	..	..	..	..	..	..	..
Malda	Total	89	55	34	433	240	193	357	208	149	879	503	376
	Urban	4	3	1	30	16	14	3	2	1	37	21	16
Murshidabad	Total	305	168	137	931	535	396	1,177	656	521	2,413	1,359	1,054
	Urban	58	30	28	19	16	3	14	11	3	91	57	34
Nadia	Total	133	75	58	631	361	270	499	290	209	1,263	726	537
	Urban	15	7	8	56	28	28	17	11	6	88	46	42
24-Parganas	Total	274	159	115	1,030	591	409	1,117	636	481	2,391	1,386	1,005
	Urban	113	69	44	392	237	155	410	226	184	915	532	383
Calcutta	Urban	1,074	646	428	2,287	1,316	971	2,057	1,095	962	5,418	3,057	2,361
Howrah	Total	127	69	58	922	533	389	595	343	252	1,644	945	699
	Urban	1	..	1	629	357	272	384	223	161	1,014	580	434
Hooghly	Total	285	178	107	635	358	277	533	302	231	1,453	838	615
	Urban	86	54	32	134	72	62	111	51	60	331	177	154
Burdwan	Total	450	260	190	1,393	790	603	1,169	660	509	3,012	1,710	1,302
	Urban	3	2	1	44	29	15	28	16	12	75	47	28
Birbhum	Total	429	255	174	912	529	383	1,036	623	413	2,377	1,407	970
	Urban	5	4	1	15	8	7	..	..	..	20	12	8
Bankura	Total	506	300	206	763	393	370	751	429	322	2,020	1122	898
	Urban	5	4	1	10	3	7	10	5	5	25	12	13
Midnapore	Total	317	173	144	1,323	764	559	1,604	847	757	3,244	1,784	1,460
	Urban	22	14	8	22	12	10	21	9	12	65	35	30
Purulia	Total	*	*	*	*	*	*	*	*	*	*	*	*
	Urban	*	*	*	*	*	*	*	*	*	*	*	*

* Figures are not available.

26.1

Urban Areas during the Decennium 1951-60.

During the 2nd & 3rd months			During the 4th to 6th months			During the 7th to 12th months			Total			Grand total (Under 1 year)		
Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
1951														
173	104	69	203	111	92	242	112	130	618	327	291	1,088	583	505
17	13	4	12	9	3	33	15	18	62	37	25	147	83	64
494	261	233	371	189	182	433	227	206	1,298	677	621	2,886	1,582	1,304
..	..	..	..	..	..	1	1	..	1	1	..	6	4	2
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
351	211	140	307	169	138	284	156	128	942	536	406	1,852	1,028	824
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
305	169	136	349	166	183	425	213	212	1,079	548	531	1,958	1,051	907
9	8	1	4	1	3	7	3	4	20	12	8	57	33	24
778	395	383	659	343	316	755	394	361	2,192	1,132	1,060	4,605	2,491	2,114
30	18	12	27	16	11	58	36	22	115	70	45	206	127	79
455	258	197	354	188	166	383	199	184	1,192	645	547	2,455	1,371	1,084
8	5	3	31	19	12	21	10	11	60	34	26	148	80	68
1,148	635	513	1,172	664	508	1,130	566	564	3,450	1,865	1,585	5,841	3,251	2,590
337	178	159	424	221	203	494	233	261	1,255	632	623	2,170	1,164	1,006
1,984	1,007	977	1,851	928	923	2,694	1,328	1,366	6,529	3,263	3,266	11,947	6,320	5,627
199	108	91	1,198	605	593	915	466	449	2,312	1,179	1,133	3,956	2,124	1,832
10	4	6	1,007	512	495	713	351	362	1,730	867	863	2,744	1,447	1,297
468	277	191	380	196	184	418	204	214	1,266	677	589	2,719	1,515	1,204
112	66	46	131	68	63	163	71	92	406	205	201	737	382	355
714	383	331	497	266	231	521	283	238	1,732	932	800	4,744	2,642	2,102
18	9	9	34	18	16	35	20	15	87	47	40	162	94	68
541	303	238	436	241	195	369	208	161	1,346	752	594	3,723	2,159	1,564
5	4	1	6	4	2	3	3	..	14	11	3	34	23	11
482	256	226	330	187	143	355	186	169	1,167	629	538	3,187	1,751	1,436
9	6	3	8	4	4	19	12	7	36	22	14	61	34	27
1,754	902	852	1,251	681	570	930	451	479	3,935	2,034	1,901	7,179	3,818	3,361
12	8	4	9	3	6	13	8	5	34	19	15	99	54	45
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

TABLE

Infant Deaths by Age and Sex in Districts and their

District	Total Urban	Within 1st 24 hours after birth			After 24 hours to the end of the 1st week			From the beginning of the 2nd week to the end of the 1st month			Total		
		Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
1	2	3	4	5	6	7	8	9	10	11	12	13	14
													YEAR
Darjeeling	Total	61	32	29	157	89	68	253	148	105	471	269	202
	Urban	14	5	9	41	22	19	25	16	9	80	43	37
Jalpaiguri	Total	268	137	131	705	385	320	767	431	336	1,740	953	787
	Urban	1	..	1	2	2	..	..	..	..	3	2	1
Cooch Behar	Total	*	*	*	*	*	*	*	*	*	*	*	*
	Urban	*	*	*	*	*	*	*	*	*	*	*	*
West Dinajpur	Total	153	99	54	482	264	218	501	266	235	1,136	629	507
	Urban	..	..	..	..	..	..	1	..	1	1	..	1
Malda	Total	96	55	41	467	272	195	381	229	152	944	556	388
	Urban	9	8	1	10	8	2	2	..	2	21	16	5
Murshidabad	Total	299	174	125	836	466	370	1,096	613	483	2,231	1,253	978
	Urban	47	28	19	9	7	2	7	3	4	63	38	25
Nadia	Total	151	79	72	604	337	267	510	295	215	1,265	711	554
	Urban	34	23	11	56	27	29	19	10	9	109	60	49
24-Parganas	Total	247	155	92	1,021	614	407	1,113	653	460	2,381	1,422	959
	Urban	125	77	48	441	277	164	425	261	164	991	615	376
Calcutta	Urban	1,095	637	458	2,476	1,420	1,056	2,001	1,066	935	5,572	3,123	2,449
Howrah	Total	92	58	34	1,013	597	416	568	323	245	1,673	978	695
	Urban	..	..	..	702	409	293	358	200	158	1,060	609	451
Hooghly	Total	307	192	115	636	368	268	553	319	234	1,496	879	617
	Urban	96	70	26	137	81	56	140	77	63	373	228	145
Burdwan	Total	488	272	216	1,471	816	655	1,366	768	598	3,325	1,856	1,469
	Urban	9	6	3	42	26	16	29	21	8	80	53	27
Birbhum	Total	402	244	158	1,034	577	457	1,058	576	482	2,494	1,397	1,097
	Urban	11	7	4	18	8	10	5	4	1	34	19	15
Bankura	Total	461	263	198	793	454	339	893	496	397	2,147	1,213	934
	Urban	3	2	1	4	4	..	12	6	6	19	12	7
Midnapore	Total	313	183	130	1,158	652	506	1,620	894	726	3,091	1,729	1,362
	Urban	30	19	11	27	12	15	15	9	6	72	40	32
Purulia	Total	*	*	*	*	*	*	*	*	*	*	*	*
	Urban	*	*	*	*	*	*	*	*	*	*	*	*

* Figures are not available.

26.2

Urban Areas during the Decennium 1951-60

Druing the 2nd & 3rd months			During the 4th to 6th months			During the 7th to 12th months			Total			Grand total (Under 1 year)		
Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
1952														
230	122	108	189	100	89	224	117	107	643	339	304	1,114	608	506
22	7	15	21	14	7	29	15	14	72	36	36	152	79	73
631	326	305	371	187	184	466	213	253	1,468	726	742	3,208	1,679	1,529
1	1	..	1	1	..	1	1	..	3	3	..	6	5	1
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
371	214	157	242	126	116	221	118	103	834	458	376	1,970	1,087	883
2	2	..	1	1	..	..	..	..	3	3	..	4	3	1
254	155	99	228	110	118	271	154	117	753	419	334	1,697	975	722
1	..	1	2	1	1	3	1	2	6	2	4	27	18	9
705	394	311	532	281	251	606	309	297	1,843	984	859	4,074	2,237	1,837
17	14	3	8	6	2	13	7	6	38	27	11	101	65	36
351	181	170	235	126	109	225	123	102	811	430	381	2,076	1,141	935
3	..	3	11	5	6	10	7	3	24	12	12	133	72	61
1,205	690	515	1,040	564	476	990	556	434	3,235	1,810	1,425	5,616	3,232	2,384
386	214	172	306	152	154	387	206	181	1,079	572	507	2,070	1,187	883
1,827	971	856	1,450	775	675	2,038	975	1,063	5,315	2,721	2,594	10,887	5,844	5,043
204	110	94	942	482	460	746	361	385	1,892	953	939	3,565	1,931	1,634
60	33	27	804	405	399	625	294	331	1,489	732	757	2,549	1,341	1,208
459	273	186	364	202	162	411	214	197	1,234	689	545	2,730	1,568	1,162
124	77	47	111	50	61	185	91	94	420	218	202	793	446	347
724	392	332	556	288	268	488	261	227	1,768	941	827	5,093	2,797	2,296
22	10	12	30	18	12	17	7	10	69	35	34	149	88	61
563	312	251	360	179	181	330	189	141	1,253	680	573	3,747	2,077	1,670
5	3	2	12	5	7	18	12	6	35	20	15	69	39	30
520	291	229	337	182	155	402	184	218	1,259	657	602	3,406	1,870	1,536
4	1	3	6	2	4	6	4	2	16	7	9	35	19	16
1,755	965	790	1,274	671	603	996	521	475	4,025	2,157	1,868	7,116	3,886	3,230
14	4	10	16	7	9	8	5	3	38	16	22	110	56	54
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

TABLE

Infant Deaths by Age and Sex in Districts and their

District	Total Urban	Within 1st 24 hours after birth			After 24 hours to the end of the 1st week			From the beginning of the 2nd week to the end of the 1st month			Total		
		Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
1	2	3	4	5	6	7	8	9	10	11	12	13	14
													YEAR
Darjeeling	Total	56	33	23	120	67	53	315	167	148	491	267	224
	Urban	12	7	5	35	17	18	34	18	16	81	42	39
Jalpaiguri	Total	253	155	98	713	402	311	672	367	305	1,638	924	714
	Urban	..	..	..	..	..	..	..	..	..	..	..	..
Cooch Behar	Total	201	123	78	318	164	154	249	153	96	768	440	328
	Urban	..	..	..	39	23	16	3	3	..	42	26	16
West Dinajpur	Toal	164	86	78	534	297	237	456	256	200	1,154	639	515
	Urban	3	3	..	12	9	3	4	3	1	19	15	4
Malda	Total	117	62	55	525	276	249	412	231	181	1,054	569	485
	Urban	16	7	9	22	10	12	2	1	1	40	18	22
Murshidabad	Total	251	151	100	801	488	313	858	515	343	1,910	1,154	756
	Urban	49	29	20	14	7	7	22	11	11	85	47	38
Nadia	Total	140	75	65	486	271	215	411	251	160	1,037	597	440
	Urban	20	9	11	48	24	24	14	10	4	82	43	39
24-Parganas	Total	204	130	74	874	518	356	1,102	618	484	2,180	1,266	914
	Urban	103	68	35	375	240	135	386	215	171	864	523	341
Calcutta	Urban	960	541	419	2,081	1,238	843	1,717	974	743	4,758	2,753	2,005
Howrah	Total	133	81	52	1,045	639	406	599	323	276	1,777	1,043	734
	Urban	..	..	..	788	474	314	410	220	190	1,198	694	504
Hooghly	Total	301	171	130	640	367	273	542	312	230	1,483	850	633
	Urban	105	63	42	133	84	49	125	80	45	363	227	136
Burdwan	Total	365	200	165	1,270	693	577	1,254	681	573	2,889	1,574	1,315
	Urban	3	2	1	37	23	14	30	15	15	70	40	30
Birbhum	Total	310	175	135	946	557	389	981	556	425	2,237	1,288	949
	Urban	..	..	..	19	14	5	5	5	..	24	19	5
Bankura	Total	325	186	139	728	397	331	834	460	374	1,887	1,043	844
	Urban	2	2	..	15	7	8	7	5	2	24	14	10
Midnapore	Total	221	127	94	882	516	366	1,362	788	574	2,465	1,431	1,034
	Urban	32	12	20	33	15	18	23	12	11	88	39	49
Purulia	Total	*	*	*	*	*	*	*	*	*	*	*	*
	Urban	*	*	*	*	*	*	*	*	*	*	*	*

* Figures are not available.

26.3

Urban Areas during the Decennium 1951-60

During the 2nd & 3rd months			During the 4th to 6th months			During the 7th to 12th months			Total			Grand total (Under 1 year)		
Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
1953														
158	91	67	208	111	97	219	112	107	585	314	271	1,076	581	495
22	13	9	14	5	9	31	15	16	67	33	34	148	75	73
542	285	257	376	199	177	383	194	189	1,301	678	623	2,939	1,602.	1,337
..	..	..	1	..	1	1	1	..	2	1	1	2	1	1
154	91	63	82	32	50	96	39	57	332	162	170	1,100	602	498
1	..	1	..	..	..	3	1	2	4	1	3	46	27	19
379	207	172	268	144	124	306	166	140	953	517	436	2,107	1,156	951
..	..	..	..	..	..	3	1	2	3	1	2	22	16	6
244	129	115	276	129	147	485	260	225	1,005	518	487	2,059	1,087	972
2	2	..	4	4	..	4	1	3	10	7	3	50	25	25
583	325	258	514	260	254	626	324	302	1,723	909	814	3,633	2,063	1,570
18	13	5	16	6	10	33	15	18	67	34	33	152	81	71
343	199	144	246	133	113	240	133	107	829	465	364	1,866	1,062	804
28	17	11	16	9	7	33	17	16	77	43	34	159	86	73
1,138	624	514	1,017	566	451	1,039	551	488	3,194	1,741	1,453	5,374	3,007	2,367
353	182	171	385	203	182	465	242	223	1203	627	576	2,067	1,150	917
1,716	879	837	1,463	775	688	2,159	1,049	1,110	5,338	2,703	2,635	10,096	5,456	4,640
172	87	85	1,008	517	491	881	427	454	2,061	1,031	1,030	3,838	2,074	1,764
10	4	6	851	432	419	708	332	376	1,569	768	801	2,767	1,462	1,305
467	251	216	512	272	240	550	287	263	1,529	810	719	3,012	1,660	1,352
111	52	59	142	69	73	236	105	131	489	226	263	852	453	399
668	372	296	512	267	245	542	263	279	1,722	902	820	4,611	2,476	2,135
14	7	7	22	11	11	23	8	15	59	26	33	129	66	63
452	237	215	327	189	138	327	170	157	1106	596	510	3,343	1,884	1,459
1	1	..	..	..	..	1	..	1	2	1	1	26	20	6
451	249	202	355	194	161	433	234	199	1,239	677	562	3,126	1,720	1,406
2	..	2	5	2	3	4	2	2	11	4	7	35	18	17
1,542	851	691	1,117	606	511	998	556	442	3,657	2,013	1,644	6,122	3,444	2,678
16	9	7	14	3	11	8	5	3	38	17	21	126	56	70
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

TABLE

Infant Deaths by Age and Sex in Districts and their

District	Total Urban	Within 1st 24 hours after birth			After 24 hours to the end of the 1st week			From the beginning of the 2nd week to the end of the 1st month			Total		
		Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
1	2	3	4	5	6	7	8	9	10	11	12	13	14
													YEAR
Darjeeling	Total	56	25	31	104	57	47	310	185	125	470	267	203
	Urban	13	5	8	33	15	18	35	13	22	81	33	48
Jalpaiguri	Total	225	132	93	637	385	252	616	329	287	1,478	846	632
	Urban	1	..	1	..	..	..	1	1	..	2	1	1
Cooch Behar	Total	231	132	99	357	198	159	405	241	164	993	571	422
	Urban	18	9	9	20	12	8	6	5	1	44	26	18
West Dinajpur	Total	117	71	46	414	242	172	398	221	177	929	534	395
	Urban	4	2	2	8	4	4	5	1	4	17	7	10
Malda	Total	70	47	23	396	217	179	368	208	160	834	472	362
	Urban	6	4	2	17	8	9	2	1	1	25	13	12
Murshidabad	Total	240	136	104	834	456	378	932	529	403	2,006	1,121	885
	Urban	87	52	35	22	11	11	11	8	3	120	71	49
Nadia	Total	170	96	74	548	327	221	483	269	214	1,201	692	509
	Urban	32	17	15	40	25	15	14	11	3	86	53	33
24-Parganas	Total	262	161	101	977	556	421	998	574	424	2,237	1,291	946
	Urban	114	65	49	408	233	175	346	187	159	868	485	383
Calcutta	Urban	1,010	558	452	1,896	1,091	805	1,621	853	768	4,527	2,502	2,025
Howrah	Total	97	62	35	921	547	374	547	305	242	1,565	914	651
	Urban	..	..	..	681	409	272	348	200	148	1,029	609	420
Hooghly	Total	224	120	104	571	320	251	489	288	201	1,284	728	556
	Urban	100	60	40	115	63	52	102	61	41	317	184	133
Burdwan	Total	398	232	166	1,249	699	550	1,183	653	530	2,830	1,584	1,246
	Urban	4	3	1	47	28	19	11	1	10	62	32	30
Birbhum	Total	237	141	96	901	528	373	991	546	445	2,129	1,215	914
	Urban	8	6	2	5	5	..	1	1	..	14	12	2
Bankura	Total	266	155	111	669	359	310	681	393	288	1,616	907	709
	Urban	7	5	2	10	8	2	8	4	4	25	17	8
Midnapore	Total	240	139	101	957	545	412	1,501	862	639	2,698	1,546	1,152
	Urban	24	7	17	39	19	20	26	15	11	89	41	48
Purulia	Total	*	*	*	*	*	*	*	*	*	*	*	*
	Urban	*	*	*	*	*	*	*	*	*	*	*	*

* Figures are not available.

26.4

Urban Areas during the Decennium 1951-60

During the 2nd & 3rd months			During the 4th to 6th months			During the 7th to 12th months			Total			Grand total (Under 1 year)		
Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
1954														
174	101	73	177	94	83	257	138	119	608	333	275	1,078	600	478
14	10	4	16	11	5	29	19	10	59	40	19	140	73	67
414	233	181	210	123	87	217	112	105	841	468	373	2,319	1,314	1,005
2	..	2	1	1	...	1	1	..	4	2	2	62	3	3
240	140	100	156	93	63	169	90	79	565	323	242	1,558	894	664
2	1	1	2	2	..	4	1	3	8	4	4	52	30	22
365	218	147	276	155	121	229	128	101	870	501	369	1,799	1,035	764
..	..	..	4	3	1	2	2	..	6	5	1	23	12	11
242	143	99	203	108	95	349	190	159	794	441	353	1,628	913	715
1	1	..	2	..	2	6	3	3	9	4	5	34	17	17
602	341	261	450	244	206	557	290	267	1,609	875	734	3,615	1,996	1,619
8	3	5	12	7	5	33	15	18	53	25	28	173	96	77
295	157	138	240	115	125	255	137	118	790	409	381	1,991	1,101	890
7	2	5	8	2	6	16	5	10	30	9	21	116	62	54
1,105	632	473	988	541	447	979	531	448	3,072	1,704	1,368	5,309	2,995	2,314
338	183	155	331	153	178	394	202	192	1,063	538	525	1,931	1,023	908
1,430	758	672	1,260	647	613	1,726	841	885	4,416	2,246	2,170	8,943	4,748	4,195
142	78	64	798	410	388	624	326	298	1,564	814	750	3,129	1,728	1,401
12	3	9	678	342	336	460	230	230	1,150	575	575	2,179	1,184	995
459	241	218	372	214	158	457	231	226	1,288	686	602	2,572	1,414	1,158
112	62	50	95	55	40	139	61	78	346	178	168	663	362	301
721	420	301	502	271	231	574	304	270	1,797	995	802	4,627	2,579	2,048
11	6	5	25	16	9	20	11	9	56	33	23	118	65	53
509	276	233	401	215	186	398	213	185	1,308	704	604	3,437	1,919	1,518
1	..	1	..	..	..	2	2	..	3	2	1	17	14	3
408	219	189	375	207	168	416	239	177	1,199	665	534	2,815	1,572	1,243
1	..	1	8	4	4	11	9	2	20	13	7	45	30	15
1,702	940	762	1,273	687	586	1,116	594	522	4,091	2,221	1,870	6,789	3,767	3,022
10	4	6	15	8	7	29	18	11	54	30	24	143	71	72
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

TABLE

Infant Deaths by Age and Sex in Districts and their

District	Total Urban	Within 1st 24 hours after birth			After 24 hours to the end of the 1st week			From the beginning of the 2nd week to the end of the 1st month			Total		
		Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
1	2	3	4	5	6	7	8	9	10	11	12	13	14
													YEAR
Darjeeling	Total	46	24	22	159	93	66	221	136	85	426	253	173
	Urban	16	8	8	71	43	28	28	12	16	115	63	52
Jalpaiguri	Total	233	131	102	604	325	279	685	368	317	1,522	824	698
	Urban	..	..	..	..	..	..	..	..	..	..	..	..
Cooch Behar	Total	211	135	76	359	198	161	365	213	152	935	546	389
	Urban	32	15	17	32	17	15	1	..	1	65	32	33
West Dinajpur	Total	102	59	43	393	222	171	407	225	182	902	506	396
	Urban	7	7	..	10	8	2	3	..	3	20	15	5
Malda	Total	78	45	33	419	230	189	348	197	151	845	472	373
	Urban	13	8	5	21	12	9	2	2	..	36	22	14
Murshidabad	Total	263	144	119	913	501	412	1,095	641	454	2,271	1,286	985
	Urban	84	46	38	33	17	16	7	3	4	124	66	58
Nadia	Total	220	128	92	603	342	261	553	342	211	1,376	812	564
	Urban	61	36	25	76	47	29	25	16	9	162	99	63
24-Parganas	Total	308	167	141	990	590	400	1,139	643	496	2,437	1,400	1,037
	Urban	129	73	56	419	261	158	400	230	170	948	564	384
Calcutta	Urban	919	546	373	2,119	1,279	840	1,697	957	740	4,735	2,782	1,953
Howrah	Total	76	38	38	948	565	383	625	349	276	1,649	952	697
	Urban	1	..	1	664	399	265	425	238	187	1,090	637	453
Hooghly	Total	241	139	102	554	341	213	526	330	196	1,321	810	511
	Urban	83	54	29	130	85	45	117	70	47	330	209	121
Burdwan	Total	340	204	136	1,365	773	592	1,213	676	537	2,918	1,653	1,265
	Urban	3	1	2	40	18	22	16	6	10	59	25	34
Birbhum	Total	234	127	107	882	490	392	860	484	376	1,976	1,101	875
	Urban	17	9	8	23	13	10	4	1	3	44	23	21
Bankura	Total	250	149	101	725	418	307	721	411	310	1,696	978	718
	Urban	4	4	..	9	5	4	5	2	3	18	11	7
Midnapore	Total	219	119	100	1,015	563	452	1,502	833	669	2,736	1,515	1,221
	Urban	20	13	7	26	17	9	16	6	10	62	36	26
Purulia	Total	*	*	*	*	*	*	*	*	*	*	*	*
	Urban	*	*	*	*	*	*	*	*	*	*	*	*

* Figures are not available.

26.5

Urban Areas during the Decennium 1951-60

During the 2nd & 3rd months			During the 4th to 6th months			During the 7th to 12th months			Total			Grand total (Under 1 year)		
Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
1955														
158	96	62	148	80	68	148	87	61	454	263	191	880	516	364
26	18	8	20	12	8	24	17	7	70	47	23	185	110	75
531	286	245	272	157	115	327	177	150	1,130	620	510	2,652	1,444	1,208
1	1	..	..	..	..	..	..	..	1	1	..	1	1	..
224	124	100	154	91	63	184	103	81	562	318	244	1,497	864	633
4	2	2	1	...	1	3	2	1	8	4	4	73	36	37
314	178	136	242	145	97	164	92	72	720	415	305	1,622	921	701
..	..	..	2	..	2	3	2	1	5	2	3	25	17	8
196	118	78	163	105	58	168	104	64	527	327	200	1,372	799	573
2	1	1	..	..	..	3	1	2	5	2	3	41	24	17
628	340	288	450	250	200	548	299	249	1,626	889	737	3,897	2,175	1,722
4	3	1	2	1	1	20	12	8	26	16	10	150	82	68
381	218	163	264	149	115	251	132	119	896	499	397	2,272	1,311	961
16	4	12	14	11	3	16	9	7	46	24	22	208	123	85
1,193	665	528	973	535	438	1,051	566	485	3,217	1,766	1,451	5,654	3,166	2,488
316	174	142	279	147	132	425	218	207	1,020	539	481	1,968	1,103	865
1,540	784	756	1,190	604	586	1,806	868	938	4,536	2,256	2,280	9,271	5,038	4,233
149	75	74	843	429	414	589	286	303	1,581	790	791	3,230	1,742	1,488
1	1	..	697	350	347	451	210	241	1,149	561	588	2,239	1,198	1,041
395	226	169	400	213	187	456	240	216	1,251	679	572	2,572	1,489	1,083
106	60	46	106	55	51	141	68	73	353	183	170	683	392	291
770	436	334	565	311	254	547	276	271	1,882	1,023	859	4,800	2,676	2,124
9	5	4	18	5	13	17	8	9	44	18	26	103	43	60
466	257	209	331	182	149	308	163	145	1,105	602	503	3,081	1,703	1,378
1	1	..	2	2	..	2	..	2	5	3	2	49	26	23
508	280	228	340	170	170	422	222	200	1,270	672	598	2,966	1,650	1,316
9	8	1	8	5	3	15	5	10	32	18	14	50	29	21
1,813	1,000	813	1,245	683	562	1,050	539	511	4,108	2,222	1,886	6,844	3,737	3,107
25	11	14	11	7	4	12	3	9	48	21	27	110	57	53
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

TABLE

Infant Deaths by Age and Sex in Districts and their

District	Total Urban	Within 1st 24 hours after birth			After 24 hours to the end of the 1st week			From the beginning of the 2nd week to the end of the 1st month			Total		
		Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
1	2	3	4	5	6	7	8	9	10	11	12	13	14
													YEAR
Darjeeling	Total	52	25	27	136	82	54	212	118	94	400	225	175
	Urban	21	10	11	46	27	19	23	12	11	90	49	41
Jalpaiguri	Total	221	125	96	714	416	298	676	398	278	1,611	939	672
	Urban	..	..	..	1	1	..	..	..	..	1	1	..
Cooch Behar	Total	241	125	116	426	239	187	487	273	214	1,154	637	517
	Urban	19	9	10	16	8	8	2	1	1	37	18	19
West Dinajpur	Total	129	77	52	364	203	161	406	226	180	899	506	393
	Urban	14	8	6	12	5	7	3	3	..	29	16	13
Malda	Total	72	38	34	394	230	164	346	200	146	812	468	344
	Urban	18	8	10	15	10	5	1	1	..	34	19	15
Murshidabad	Total	249	142	107	842	504	338	957	558	399	2,048	1,204	844
	Urban	106	64	42	23	15	8	24	16	8	153	95	58
Nadia	Total	159	84	75	579	352	227	492	296	196	1,230	732	498
	Urban	49	25	24	60	40	20	17	9	8	126	74	52
24-Parganas	Total	260	152	108	994	555	439	1,035	584	451	2,289	1,291	998
	Urban	124	76	48	369	206	163	371	218	153	864	500	364
Calcutta	Urban	941	522	419	2,336	1,309	1,027	1,689	916	773	4,966	2,747	2,219
Howrah	Total	93	62	31	973	545	428	635	352	283	1,701	959	742
	Urban	..	..	..	678	388	290	459	247	212	1,137	635	502
Hooghly	Total	279	162	117	550	317	233	469	253	216	1,298	732	566
	Urban	151	89	62	156	81	75	133	69	64	440	239	201
Burdwan	Total	326	179	147	1,303	744	559	1,218	690	528	2,847	1,613	1,234
	Urban	2	..	2	40	27	13	12	8	4	54	35	19
Birbhum	Total	212	117	95	774	447	327	833	467	366	1,819	1,031	788
	Urban	36	18	18	21	10	11	3	3	..	60	31	29
Bankura	Total	290	169	121	714	400	314	783	437	346	1,787	1,006	781
	Urban	5	5	..	10	7	3	4	1	3	19	13	6
Midnapore	Total	268	161	107	985	522	463	1,664	939	725	2,917	1,622	1,295
	Urban	25	17	8	43	26	17	21	15	6	89	58	31
Purulia	Total	*	*	*	*	*	*	*	*	*	*	*	*
	Urban	*	*	*	*	*	*	*	*	*	*	*	*

* Figures are not available.

26.6

Urban Areas during the Decennium 1951-60

During the 2nd & 3rd months			During the 4th to 6th months			During the 7th to 12th months			Total			Grand total (Under 1 year)		
Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
1956														
139	82	57	77	48	29	153	71	82	369	201	168	769	426	343
13	10	3	8	6	2	18	9	9	39	25	14	129	74	55
415	222	193	237	130	107	537	181	156	989	533	456	2,600	1,472	1,128
1	1	..	..	..	..	2	..	2	3	1	2	4	2	2
313	188	125	183	107	76	179	96	83	675	391	284	1,829	1,028	801
1	..	1	4	1	3	2	1	1	7	2	5	44	20	24
352	213	139	229	134	95	215	121	94	796	468	328	1,695	974	721
1	1	..	2	1	1	..	..	..	3	2	1	32	18	14
252	153	99	237	135	102	331	184	147	820	472	348	1,632	940	692
1	1	.	1	..	1	4	2	2	6	3	3	40	22	18
610	326	284	447	245	202	512	248	264	1,569	819	750	3,617	3,023	1,594
24	10	14	13	6	7	34	13	21	71	29	42	224	124	100
348	202	146	252	141	111	272	147	125	872	490	382	2,102	1,222	880
18	9	9	9	3	6	31	15	16	58	27	31	184	101	83
1,096	611	485	900	504	396	854	451	403	2,850	1,566	1,284	5,139	2,857	2,282
341	177	164	266	126	140	353	175	178	960	478	482	1,824	978	846
1,503	820	683	1,159	564	595	1,746	830	916	4,408	2,214	2,194	9,374	4,961	4,413
144	72	72	809	407	402	525	244	281	1,478	723	755	3,179	1,682	1,497
5	3	2	680	338	342	415	182	233	1,100	523	577	2,237	1,158	1,079
397	233	164	306	180	126	336	184	152	1,039	597	442	2,337	1,329	1,008
116	65	51	104	56	48	116	63	53	336	184	152	776	423	353
706	385	321	540	294	246	529	267	262	1,775	946	829	4,622	2,559	2,063
14	8	6	10	4	6	10	4	6	34	16	18	88	51	37
478	248	230	379	197	182	351	187	164	1,208	632	576	3,027	1,663	1,364
2	..	2	..	..	..	..	..	..	2	..	2	62	31	31
462	257	205	380	203	177	391	191	200	1,233	651	582	3,020	1,657	1,363
5	2	3	7	4	3	9	4	5	21	10	11	40	23	17
1,873	1,082	791	1,304	714	590	1,086	567	519	4,263	2,363	1,900	7,180	3,985	3,195
14	9	5	16	7	9	18	9	9	48	25	23	137	83	54
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

TABLE

Infant Deaths by Age and Sex in Districts and their

District	Total Urban	Within 1st 24 hours after birth			After 24 hours to the end of the 1st week.			From the beginning of the 2nd week to the end of the 1st month			Total		
		Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
1	2	3	4	5	6	7	8	9	10	11	12	13	14
													YEAR
Darjeeling	Total	89	47	42	159	96	63	198	99	99	446	242	204
	Urban	49	25	24	59	37	22	36	22	14	144	84	60
Jalpaiguri	Total	228	121	107	624	334	290	598	326	272	1,450	781	669
	Urban	..	..	..	..	..	..	1	1	..	1	1	..
Cooch Behar	Total	202	117	85	399	331	168	423	258	165	1,024	606	418
	Urban	14	8	6	14	9	5	1	..	1	29	17	12
West Dinajpur	Total	143	78	65	394	199	195	381	224	157	918	501	417
	Urban	6	6	..	5	2	3	..	..	..	11	8	3
Malda	Total	74	39	35	307	168	139	287	169	118	668	376	292
	Urban	13	5	8	17	10	7	3	2	1	33	17	16
Murshidabad	Total	195	103	92	591	331	260	725	401	324	1,511	835	676
	Urban	95	49	46	24	8	16	21	13	8	140	70	70
Nadia	Total	121	69	52	466	253	213	416	231	185	1,003	553	450
	Urban	43	25	18	62	36	26	13	7	6	118	68	50
24-Parganas	Total	281	167	114	780	457	323	1,014	568	446	2,075	1,192	883
	Urban	140	84	56	307	191	116	390	218	172	837	493	344
Calcutta	Urban	862	511	351	1,899	1,092	807	1,663	936	727	4,424	2,539	1,885
Howrah	Total	131	77	54	852	498	354	604	316	288	1,587	891	696
	Urban	2	1	1	577	338	239	384	202	182	963	541	422
Hooghly	Total	234	127	107	448	248	200	456	254	202	1,138	629	509
	Urban	125	66	59	150	79	71	142	77	65	417	222	195
Burdwan	Total	254	148	106	855	479	376	1,041	590	451	2,150	1,217	933
	Urban	4	4	..	30	19	11	13	7	6	47	30	17
Birbhum	Total	200	108	92	675	377	298	730	405	325	1,605	890	715
	Urban	28	19	9	24	14	10	2	1	1	54	34	20
Bankura	Total	223	134	89	640	366	274	688	370	318	1,551	870	681
	Urban	7	5	2	9	2	7	3	2	1	19	9	10
Midnapore	Total	260	149	111	767	444	323	1,428	810	618	2,455	1,403	1,052
	Urban	31	18	13	46	22	24	21	12	9	98	52	46
Purulia	Total	13	7	6	37	23	14	73	40	33	123	70	53
	Urban	1	1	..	2	1	1	..	..	..	3	2	1

26.7

Urban Areas during the Decennium 1951-60

During the 2nd & 3rd months			During the 4th to 6th months			During the 7th to 12th months			Total			Grand total (Under 1 year)		
Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
1957														
150	94	56	114	54	60	176	84	92	440	232	208	886	474	412
24	15	9	13	9	4	22	12	10	59	36	23	203	120	83
368	203	165	231	123	108	308	166	142	907	492	415	2,357	1,273	1,084
..	..	..	2	1	1	1	1	..	3	2	1	4	3	1
252	149	103	217	127	90	226	130	96	695	406	289	1,719	1,012	707
1	1	..	..	..	..	3	2	1	4	3	1	33	20	13
414	242	172	307	176	131	331	199	132	1,052	617	435	1,970	1,118	852
1	..	1	1	1	..	3	2	1	5	3	2	16	11	5
208	*110*	*98*	265	*135*	*130*	*421*	*233*	*188*	*894*	*478*	*416*	*1,562*	*854*	*708*
1	1	..	1	..	1	3	2	1	5	3	2	38	20	18
599	342	257	660	338	322	845	417	428	2,104	1,097	1,007	3,615	1,932	1,683
21	7	14	27	17	10	71	33	38	119	57	62	259	127	132
347	209	138	289	147	142	352	189	163	988	545	443	1,991	1,098	893
12	6	6	26	12	14	27	12	15	65	30	35	183	98	85
1,258	675	583	1,251	653	598	1,264	670	594	3,773	1,998	1,775	5,848	3,190	2,658
353	176	177	348	159	189	514	246	268	1,215	581	634	2,052	1,074	*978*
1,732	937	795	1,633	840	793	2,560	1,234	1,326	5,925	3,011	2,914	10,349	5,550	4,799
220	103	117	1,050	524	526	1,025	449	576	2,295	1,076	1,219	3,882	1,967	1,915
7	1	6	860	418	442	798	332	466	1,665	751	914	2,628	1,292	1,336
346	182	164	440	234	206	459	252	207	1,245	668	577	2,383	1,297	1,086
126	64	62	131	70	61	153	80	73	410	214	196	827	436	391
647	349	298	664	355	309	666	358	308	1,977	1,062	915	4,127	2,279	1,848
16	9	7	28	15	13	18	14	4	62	38	24	109	68	41
448	227	221	409	225	184	457	229	228	1,314	681	633	2,919	1,571	1,348
1	1	..	2	2	..	5	3	2	8	6	2	62	40	22
491	267	224	483	255	228	560	299	261	1,534	821	713	3,085	1,691	1,394
11	6	5	10	5	5	14	9	5	35	20	15	54	29	25
1,916	1,056	860	1,625	894	731	1,632	897	735	5,173	2,847	2,326	7,628	4,250	3,378
14	5	9	12	9	3	26	15	11	52	29	23	150	81	69
74	39	35	86	49	37	104	45	59	264	133	131	387	203	184
3	2	1	2	1	1	3	3	..	8	6	2	11	8	3

TABLE

Infant Deaths by Age and Sex in Districts and their

District	Total Urban	Within 1st 24 hours after birth			After 24 hours to the end of the 1st week			From the beginning of the 2nd week to the end of the 1st month			Total		
		Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
1	2	3	4	5	6	7	8	9	10	11	12	13	14
													YEAR
Darjeeling	Total	107	62	45	171	98	73	177	96	81	455	256	199
	Urban	47	29	18	56	32	24	38	16	22	141	77	64
Jalpaiguri	Total	191	115	76	624	347	277	643	359	284	1,458	821	637
	Urban	..	..	..	..	..	..	..	..	..	..	..	..
Cooch Behar	Total	242	156	86	380	231	149	425	261	164	1,047	648	399
	Urban	19	10	9	18	10	8	3	2	1	40	22	18
West Dinajpur	Total	133	73	60	398	226	172	513	283	230	1,044	582	462
	Urban	11	6	5	2	1	1	..	..	..	13	7	6
Malda	Total	77	45	32	309	169	140	290	177	113	676	391	285
	Urban	18	11	7	13	3	10	2	2	..	33	16	17
Murshidabad	Total	227	140	87	554	301	253	869	503	366	1,650	944	706
	Urban	100	62	38	21	14	7	18	9	9	139	85	54
Nadia	Total	137	65	72	427	255	172	431	247	184	995	567	428
	Urban	38	18	20	35	22	13	20	14	6	93	54	39
24-Parganas	Total	220	128	92	768	456	312	954	544	410	1,942	1,128	814
	Urban	94	51	43	344	204	140	323	153	170	761	408	353
Calcutta	Urban	893	520	373	1,796	1,057	739	1,783	956	827	4,472	2,533	1,939
Howrah	Total	84	51	33	873	498	375	575	306	269	1,532	855	677
	Urban	..	..	..	649	372	277	405	216	189	1,054	588	466
Hooghly	Total	206	119	87	414	236	178	368	216	152	988	571	417
	Urban	100	57	43	156	84	72	119	72	47	375	213	162
Burdwan	Total	253	149	104	771	438	333	994	547	447	2,018	1,134	884
	Urban	3	2	1	50	31	19	14	7	7	67	40	27
Birbhum	Total	197	112	85	684	387	297	80	445	355	1,681	944	737
	Urban	19	9	10	36	22	14	6	4	2	61	35	26
Bankura	Total	179	93	86	582	330	252	564	332	232	1,325	755	570
	Urban	5	4	1	14	7	7	6	4	2	25	15	10
Midnapore	Total	214	115	99	706	389	317	1,332	770	562	2,252	1,274	978
	Urban	47	25	22	29	21	8	20	12	8	96	58	38
Purulia	Total	19	11	8	28	11	17	42	23	19	89	45	44
	Urban	..	..	..	2	1	1	6	4	2	8	5	3

26.8

Urban Areas during the Decennium, 1951-60

During the 2nd & 3rd months			During the 4th to 6th months			During the 7th to 12th months			Total			Grand total (Under 1 year)		
Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
1958														
189	109	80	128	66	62	238	129	109	555	304	251	1,010	560	450
28	13	15	17	7	10	35	16	19	80	36	44	221	113	108
416	214	202	254	150	104	349	196	153	1,019	560	459	2,477	1,381	1,096
..	..	..	..	..	..	2	1	1	2	1	1	2	1	1
321	219	102	191	105	86	168	107	61	680	431	249	1,727	1,079	648
2	2	..	3	2	1	1	1	..	6	5	1	46	27	19
486	277	209	344	191	153	355	201	154	1,185	669	516	2,229	1,251	978
1	1	..	4	..	4	1	1	..	6	2	4	19	9	10
294	142	152	294	168	126	492	244	248	1,080	554	526	1,756	945	811
3	1	2	10	4	6	10	7	3	23	12	11	56	28	28
768	409	359	849	418	431	1,093	571	522	2,710	1,398	1,312	4,360	2,342	2,018
17	7	10	23	14	9	38	21	17	78	42	36	217	127	90
348	191	157	285	144	141	391	207	184	1,024	542	482	2,019	1,109	910
23	13	10	23	7	16	39	19	20	85	39	46	178	93	85
1,134	623	511	1,004	530	474	1,075	572	503	3,213	1,725	1,488	5,155	2,853	2,302
318	180	138	286	140	146	451	213	238	1,055	533	522	1,816	941	875
1,581	831	750	1,284	647	637	1,879	911	968	4,744	2,389	2,355	9,216	4,922	4,294
172	99	73	975	499	476	783	408	375	1,930	1,006	924	3,462	1,861	1,601
1	1	..	822	414	408	593	300	293	1,416	715	701	2,470	1,303	1,167
371	203	168	354	203	151	439	238	201	11,64	644	520	2,152	1,215	937
165	95	70	136	82	54	184	102	82	485	279	206	860	492	368
714	394	320	638	356	282	679	338	341	2,031	1,088	943	4,049	2,222	1,827
9	4	5	17	5	12	21	13	8	47	22	25	114	62	52
557	292	265	492	246	246	477	248	229	1,526	786	740	3,207	1,730	1,477
2	2	..	1	1	..	3	1	2	6	4	2	67	39	28
394	211	183	385	195	190	339	168	171	1,118	574	544	2,443	1,329	1,114
5	4	1	11	4	7	8	4	4	24	12	12	49	27	22
1,762	957	805	1,323	718	605	1,282	701	581	4,367	2,376	1,991	6,619	3,650	2,969
13	6	7	6	4	2	29	14	15	48	24	24	144	82	62
51	33	18	38	17	21	45	24	21	134	74	60	223	119	104
2	2	..	..	..	..	8	5	3	10	7	3	18	12	6

TABLE

Infant Deaths by Age and Sex in Districts and their

District	Total Urban	Within 1st 24 hours after birth			After 24 hours to the end of the 1st week			From the beginning of the 2nd week to the end of the 1st month			Total		
		Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
1	2	3	4	5	6	7	8	9	10	11	12	13	14
													YEAR
Darjeeling	Total	53	28	25	174	101	73	141	70	71	368	199	169
	Urban	33	20	13	70	38	32	26	12	14	129	70	59
Jalpaiguri	Total	170	99	71	603	345	258	618	350	268	1,391	794	597
	Urban	..	..	..	..	..	..	..	..	..	..	..	..
Cooch Behar	Total	136	76	60	418	244	174	433	272	161	987	592	395
	Urban	3	2	1	17	9	8	16	11	5	36	22	14
West Dinajpur	Total	173	103	70	606	330	276	601	360	241	1,380	793	587
	Urban	8	6	2	10	4	6	..	..	..	18	10	8
Malda	Total	119	69	50	418	247	171	359	213	146	896	529	367
	Urban	10	4	6	6	3	3	6	5	1	22	12	10
Murshidabad	Total	167	107	60	858	482	376	988	602	386	2,013	1,191	822
	Urban	39	28	11	52	25	27	26	18	8	117	71	46
Nadia	Total	138	74	64	592	339	253	586	354	232	1,316	767	549
	Urban	16	10	6	37	20	17	15	8	7	68	38	30
24-Parganas	Total	160	97	63	825	479	346	887	506	381	1,872	1,082	790
	Urban	59	35	24	280	163	117	234	135	99	573	333	240
Calcutta	Urban	801	479	322	1,974	1,171	803	1,890	1,081	809	4,665	2,731	1,934
Howrah	Total	256	144	112	594	337	257	494	277	217	1,344	758	586
	Urban	160	91	69	323	185	138	292	158	134	775	434	341
Hooghly	Total	88	50	38	380	223	157	320	177	143	788	450	338
	Urban	22	10	12	55	26	29	59	35	24	136	71	65
Burdwan	Total	195	121	74	817	458	359	1,011	586	425	2,023	1,165	858
	Urban	15	7	8	33	19	14	19	12	7	67	38	29
Birbhum	Total	217	129	88	762	422	340	819	454	365	1,798	1,005	793
	Urban	4	2	2	19	14	5	2	1	1	25	17	8
Bankura	Total	193	111	82	621	354	267	639	362	277	1,453	827	626
	Urban	1	1	..	8	4	4	6	3	3	15	8	7
Midnapore	Total	165	100	65	928	542	386	1,263	677	586	2,356	1,319	1,037
	Urban	22	14	8	66	40	26	17	8	9	105	62	43
Purulia	Total	10	6	4	29	19	10	37	18	19	76	43	33
	Urban	..	..	..	2	..	2	3	2	1	5	2	3

26.9

Urban Areas during the Decennium 1951-60

During the 2nd & 3rd months			During the 4th to 6th months			During the 7th to 12th months			Total			Grand total (Under 1 year)		
Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
1959														
81	48	33	94	53	41	186	89	97	361	190	171	729	389	340
15	7	8	13	10	3	50	27	23	78	44	34	207	114	93
499	289	210	272	153	119	497	292	205	1,268	734	534	2,659	1,528	1,131
..	..	..	2	..	2	1	1	..	3	1	2	3	1	2
381	228	153	182	98	84	310	183	127	873	509	364	1,860	1,101	759
30	20	10	8	4	4	25	18	7	63	42	21	99	64	35
497	284	213	366	207	159	513	298	215	1,376	789	587	2,756	1,582	1,174
1	1	..	3	2	1	..	..	..	4	3	1	22	13	9
253	151	102	168	95	73	438	239	199	859	485	374	1,755	1,014	741
2	2	..	3	2	1	5	4	1	10	8	2	32	20	12
645	355	290	542	282	260	880	450	430	2,067	1,087	980	4,080	2,278	1,802
11	7	4	24	16	8	41	24	17	76	47	29	193	118	75
429	255	174	347	175	172	499	268	231	1,275	698	577	2,591	1,465	1,126
21	11	10	13	6	7	35	17	18	69	34	35	137	72	65
1,018	566	452	852	467	385	1,083	577	506	2,953	1,610	1,343	4,825	2,692	2,133
236	127	109	188	98	90	277	125	152	701	350	351	1,274	683	591
1,456	783	673	1,143	618	525	1,808	927	881	4,407	2,328	2,079	9,072	5,059	4,013
384	191	193	237	112	125	455	225	230	1,076	528	548	2,420	1,286	1,134
230	112	118	118	61	57	275	120	155	623	293	330	1,398	727	671
284	150	134	197	96	101	312	157	155	793	403	390	1,581	853	728
46	23	23	31	14	17	38	19	19	115	56	59	251	127	124
498	270	228	461	253	208	554	278	276	1,513	801	712	3,536	1,966	1,570
16	10	6	20	11	9	14	6	8	50	27	23	117	65	52
510	281	229	410	240	170	549	286	263	1,469	807	662	3,267	1,812	1,455
..	..	..	..	..	..	3	3	..	3	3	..	28	20	8
445	246	199	350	189	161	439	206	233	1,234	641	593	2,687	1,468	1,219
11	7	4	10	4	6	18	9	9	39	20	19	54	28	26
1,841	952	889	1,353	741	612	1,427	801	626	4,621	2,494	2,127	6,977	3,813	3,164
10	4	6	13	9	4	10	7	3	33	20	13	138	82	56
43	26	17	34	15	19	87	45	42	164	86	78	240	129	111
4	2	2	1	1	..	7	4	3	12	7	5	17	9	8

TABLE

Infant Deaths by Age and Sex in Districts and their

District	Total Urban	Within 1st 24 hours after birth			After 24 hours to the end of the 1st week			From the beginning of the 2nd week to the end of the 1st month			Total		
		Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
1	2	3	4	5	6	7	8	9	10	11	12	13	14
													YEAR
Darjeeling	Total	10	7	3	165	91	74	170	86	84	345	184	161
	Urban	4	4	..	36	20	16	33	19	14	73	43	30
Jalpaiguri	Total	133	72	61	600	335	265	566	294	272	1,299	701	598
	Urban	5	3	2	3	2	1	2	1	1	10	6	4
Cooch Behar	Total	74	40	34	353	229	124	303	172	131	730	441	289
	Urban	..	..	..	2	2	..	1	..	1	3	2	1
West Dinajpur	Total	52	39	13	513	291	222	491	291	200	1,056	621	435
	Urban	..	..	..	3	2	1	1	1	..	4	3	1
Malda	Total	47	29	18	458	255	203	348	189	159	853	473	380
	Urban	11	5	6	22	14	8	4	2	2	37	21	16
Murshidabad	Total	54	27	27	819	494	325	699	408	291	1,572	929	643
	Urban	4	4	..	85	55	30	11	8	3	100	67	33
Nadia	Total	60	36	24	562	315	247	508	296	212	1,130	647	483
	Urban	11	5	6	55	32	23	17	11	6	83	48	35
24-Parganas	Total	101	58	43	932	532	400	803	446	357	1,836	1,036	800
	Urban	59	34	25	387	232	155	317	174	143	763	440	323
Calcutta	Urban	757	457	300	1,806	1,090	716	1,806	971	835	4,369	2,518	1,851
Howrah	Total	231	150	81	689	369	320	538	298	240	1,458	817	641
	Urban	207	132	75	393	191	202	353	180	173	953	503	450
Hooghly	Total	46	23	23	511	270	241	338	191	147	895	484	411
	Urban	15	8	7	179	88	91	95	43	52	289	139	150
Burdwan	Total	183	110	73	954	540	414	923	514	409	2,060	1,164	896
	Urban	23	15	8	91	55	36	27	18	9	141	88	53
Birbhum	Total	85	43	42	586	296	290	675	389	286	1,346	728	618
	Urban	..	..	..	3	1	2	5	3	2	8	4	4
Bankura	Total	121	72	49	553	323	230	559	339	220	1,233	734	499
	Urban	..	..	..	5	5	..	5	5	..	10	10	..
Midnapore	Total	79	48	31	853	476	377	897	494	403	1,829	1,018	811
	Urban	13	8	5	51	22	29	28	13	15	92	43	49
Purulia	Total	..	..	..	26	16	10	33	17	16	59	33	26
	Urban	..	..	..	1	..	1	1	1	..	2	1	1

26.10

Urban Areas during the Decennium 1951-60

During the 2nd & 3rd months			During the 4th to 6th months			During 7th to 12th months			Total			Grand total (Under 1 year)		
Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
1960														
115	65	50	128	83	45	197	99	98	440	247	193	785	431	354
21	13	8	19	13	6	40	29	11	80	55	25	153	98	55
429	226	203	283	141	142	413	216	197	1,125	583	542	2,424	1,284	1,140
1	1	..	..	..	..	6	3	3	7	4	3	17	10	7
347	205	142	281	158	123	258	147	111	886	510	376	1,616	951	665
3	2	1	2	1	1	14	9	5	19	12	7	22	14	8
588	305	283	492	269	223	606	331	275	1,686	905	781	2,742	1,526	1,216
1	..	1	..	..	..	9	3	6	10	3	7	14	6	8
326	192	134	255	150	105	498	274	224	1,079	616	463	1,932	1,089	843
2	1	1	3	3	..	6	4	2	11	8	3	48	29	19
641	361	280	465	258	207	685	368	317	1,791	987	804	3,363	1,916	1,447
8	4	4	15	10	5	14	7	7	37	21	16	137	88	49
464	248	216	436	230	206	531	291	240	1,431	769	662	2,561	1,416	1,145
14	9	5	14	9	5	33	14	19	61	32	29	144	80	64
1,144	611	533	961	510	451	1,211	634	577	3,316	1,755	1,561	5,152	2,791	2,361
266	128	138	231	106	125	461	221	240	958	455	503	1,721	895	826
1,400	701	699	1,204	580	624	1,743	847	896	4,347	2,128	2,219	8,716	4,646	4,070
424	207	217	397	191	206	548	269	279	1,369	667	702	2,827	1,484	1,343
269	126	143	257	116	141	363	179	184	889	421	468	1,842	924	918
305	152	153	311	149	162	375	170	205	991	471	520	1,886	955	931
74	42	32	50	22	28	115	40	75	239	104	135	528	243	285
619	341	278	540	299	241	697	378	319	1,856	1,018	838	3,916	2,182	1,734
15	9	6	14	9	5	24	18	6	53	36	17	194	124	70
491	273	218	480	254	226	583	284	299	1,554	811	743	2,900	1,539	1,361
4	1	3	3	1	2	2	1	1	9	3	6	17	7	10
487	270	217	384	186	198	490	241	249	1,361	697	664	2,594	1,431	1,163
6	5	1	6	1	5	8	4	4	20	10	10	30	20	10
1,716	924	792	1,390	734	656	1,570	848	722	4,676	2,506	2,170	6,505	3,524	2,981
34	14	20	42	18	24	58	25	33	134	57	77	226	100	126
39	23	16	42	24	18	62	34	28	143	81	62	202	114	88
1	1	..	..	..	..	3	1	2	4	2	2	6	3	3

TABLE

Infant Deaths by Age and Sex in Towns of

District	Town	Within 1st 24 hours after birth			After 24 hours to the end of the 1st week			From the beginning of the 2nd week to the end of the 1st month			Total		
		Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
1	2	3	4	5	6	7	8	9	10	11	12	13	14
													YEAR
Darjeeling	Darjeeling	5	2	3	26	13	13	9	6	3	40	21	19
	Kurseong	..	..	..	12	4	8	12	7	5	24	11	13
	Kalimpong	1	1	..	8	4	4	6	3	3	15	8	7
	Siliguri	1	1	..	1	1	..	4	4	..	6	6	..
Jalpaiguri	Jalpaiguri	2	1	1	2	1	1	1	1	..	5	3	2
Cooch Behar		*	*	*	*	*	*	*	*	*	*	*	*
West Dinajpur		*	*	*	*	*	*	*	*	*	*	*	*
Malda	English Bazar	4	3	1	23	11	12	2	2	..	29	16	13
	Old Malda	..	..	..	7	5	2	1	..	1	8	5	3
Murshidabad	Baharampur	55	28	27	6	6	..	7	6	1	68	40	28
	Murshidabad	1	..	1	4	3	1	5	4	1	10	7	3
	Kandi	1	1	..	3	3	..	1	1	..	5	5	..
	Jiaganj-Azimganj	..	..	..	5	3	2	..	..	..	5	3	2
	Jangipur	1	1	..	1	1	..	1	..	1	3	2	1
	Dhulian	..	..	..	..	..	..	..	..	..	..	..	..
Nadia	Krishnanagar	6	3	3	18	8	10	..	..	..	24	11	13
	Nabadwip	8	3	5	30	15	15	..	..	..	38	18	20
	Ranaghat	..	..	..	..	..	..	2	2	..	2	2	..
	Birnagar	..	..	..	..	..	..	1	1	..	1	1	..
	Santipur	..	..	..	6	4	2	13	7	6	19	11	8
	Chakdaha	1	1	..	2	1	1	1	1	..	4	3	1
24-Parganas	Tollygunge	1	..	1	2	1	1	3	..	3	6	1	5
	South Suburban	21	10	11	50	27	23	56	30	26	127	67	60
	Garden Reach	11	9	2	53	35	18	40	20	20	104	64	40
	Budge-Budge	5	2	3	9	4	5	4	2	2	18	8	10
	Baruipur	..	..	..	..	..	..	2	1	1	2	1	1
	Rajpur	..	..	..	3	3	..	1	1	..	4	4	..
	Jaynagar Majilpur	..	..	..	..	..	..	1	1	..	1	1	..
	Dum-Dum	2	1	1	2	2	..	1	1	..	5	4	1
	North Dum-Dum	..	..	..	..	..	..	..	..	..	..	..	..
	South Dum-Dum	..	..	..	2	..	2	1	1	..	3	1	2
	Khardaha	..	..	..	..	..	..	..	..	..	..	..	..
	Panihati	..	..	..	2	..	2	1	1	..	3	1	2
	Garulia	3	2	1	6	2	4	2	..	2	11	4	7
	North Barrackpur	1	..	1	3	2	1	..	..	..	4	2	2
	Barrackpur Cantonment	..	..	..	7	5	2	17	9	8	24	14	10
	Titagar	..	..	..	31	24	7	42	37	5	73	61	12
	Naihati	8	5	3	5	2	3	8	4	4	21	11	10
	Bhatpara	21	14	7	136	84	52	128	66	62	285	164	121
	Halisahar	4	4	..	2	1	1	..	..	..	6	5	1
	Kanchrapara	..	..	..	..	..	..	1	..	1	1	..	1
	Baranagar	25	16	9	48	29	19	73	38	35	146	83	63
	Kamarhati	8	5	3	14	8	6	18	9	9	40	22	18
	Barasat	..	..	..	6	4	2	1	..	1	7	4	3
	Gobardanga	..	..	..	..	..	..	..	..	..	..	..	..
	Basirhat	2	1	1	6	2	4	6	2	4	14	5	9
	Taki	..	..	..	2	2	..	4	3	1	6	5	1
	Baduria	1	..	1	3	..	3	..	..	..	4	..	4
Calcutta	Calcutta	1,074	646	428	2,287	1,316	971	2,057	1,095	962	5,418	3,057	2,361

* Figures are not available.

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West Bengal during the Decennium 1951-60

During the 2nd & 3rd months			During the 4th to 6th months			During the 7th to 12th months			Total			Grand total (Under 1 year)		
Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
1951														
8	8	..	4	4	..	16	9	7	28	21	7	68	42	26
6	4	2	8	5	3	12	4	8	26	13	13	50	24	26
..	..	..	..	..	..	5	2	3	5	2	3	20	10	10
3	1	2	..	..	..	..	..	..	3	1	2	9	7	2
..	..	..	..	..	..	1	1	..	1	1	..	6	4	2
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
6	5	1	3	1	2	6	2	4	15	8	7	44	24	20
3	3	..	1	..	1	1	1	..	5	4	1	13	9	4
18	11	7	19	10	9	37	24	13	74	45	29	142	85	57
3	2	1	..	..	..	6	3	3	9	5	4	19	12	7
..	..	..	..	..	..	..	..	..	..	..	..	5	5	..
2	1	1	..	..	..	2	1	1	4	2	2	9	5	4
6	3	3	8	6	2	9	6	3	23	15	8	26	17	9
1	1	..	..	..	..	4	2	2	5	3	2	5	3	2
1	1	..	5	4	1	3	2	1	9	7	2	33	18	15
..	..	..	2	2	..	..	..	..	2	2	..	40	20	20
..	..	..	2	1	1	1	..	1	3	1	2	5	3	2
..	..	..	1	1	..	..	..	..	1	1	..	2	2	..
4	2	2	18	9	9	13	7	6	35	18	17	54	29	25
3	2	1	3	2	1	4	1	3	10	5	5	14	8	6
1	1	..	3	..	3	1	..	1	5	1	4	11	2	9
26	14	12	91	42	49	66	28	38	183	84	99	310	151	159
28	17	11	35	20	15	45	25	20	108	62	46	212	126	86
11	5	6	6	2	4	5	3	2	22	10	12	40	18	22
..	..	..	..	..	..	2	1	1	2	1	1	4	2	2
6	1	5	3	2	1	1	..	1	10	3	7	14	7	7
1	..	1	..	..	..	1	..	1	2	..	2	3	1	2
1	..	1	..	..	..	1	1	..	2	1	1	7	5	2
..	..	..	1	1	..	..	..	..	1	1	..	1	1	..
1	..	1	..	..	..	2	1	1	3	1	2	6	2	4
..	..	..	..	..	..	2	1	1	2	1	1	2	1	1
4	2	2	8	3	5	2	1	1	14	6	8	17	7	10
9	5	4	4	1	3	8	3	5	21	9	12	32	13	19
1	1	..	5	4	1	7	2	5	13	7	6	17	9	8
5	4	1	37	19	18	30	17	13	72	40	32	96	54	42
40	24	16	33	22	11	57	33	24	130	79	51	203	140	63
11	5	6	16	10	6	13	2	11	40	17	23	61	28	33
92	47	45	81	44	37	120	51	69	293	142	151	578	306	272
1	1	..	..	..	..	9	4	5	10	5	5	16	10	6
..	..	..	1	..	1	2	2	..	3	2	1	4	2	2
73	35	38	61	28	33	67	32	35	201	95	106	347	178	169
21	14	7	29	18	11	37	17	20	87	49	38	127	71	56
..	..	..	..	..	..	2	1	1	2	1	1	9	5	4
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3	1	2	7	2	5	11	6	5	21	9	12	35	14	21
1	..	1	3	3	..	3	2	1	7	5	2	13	10	3
1	1	..	..	..	..	..	..	..	1	1	..	5	1	4
1,984	1,007	977	1,851	928	923	2,694	1,328	1,366	6,529	3,263	3,266	11,947	6,320	5,627

TABLE

Infant Deaths by Age and Sex in Towns of

District	Town	Within 1st 24 hours after birth			After 24 hours to the end of the 1st week			From the beginning of the 2nd week to the end of the 1st month			Total		
		Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
1	2	3	4	5	6	7	8	9	10	11	12	13	14
													YEAR
Howrah	Howrah	..	..	..	629	357	272	375	215	160	1,004	572	432
	Baly	1	..	1	..	..	..	9	8	1	10	8	2
Hooghly	Hooghly-Chinsura	22	15	7	32	17	15	31	15	16	85	47	38
	Bansbaria	3	2	1	2	..	2	5	4	1	10	6	4
	Arambagh	..	..	..	..	..	..	2	1	1	2	1	1
	Serampore	49	32	17	68	44	24	48	17	31	165	93	72
	Baidyabati	..	..	..	11	4	7	7	4	3	18	8	10
	Rishra	..	..	..	1	..	1	4	2	2	5	2	3
	Uttarpara	2	..	2	..	..	..	2	2	..	4	2	2
	Kotrang	..	..	..	..	..	..	..	..	..	..	..	..
	Bhadreswar	7	3	4	15	5	10	4	1	3	26	9	17
	Chanpdani	3	2	1	1	1	..	5	4	1	9	7	2
	Konnagar	..	..	..	4	1	3	3	1	2	7	2	5
Burdwan	Burdwan	..	..	..	..	..	..	..	..	..	..	..	..
	Kalna	1	..	1	32	22	10	18	10	8	51	32	19
	Katwa	1	1	..	3	2	1	..	..	..	4	3	1
	Dainhat	..	..	..	..	..	..	1	..	1	1	..	1
	Raniganj	1	1	..	2	..	2	7	4	3	10	5	5
	Asansol	..	..	..	7	5	2	2	2	..	9	7	2
Birbhum	Suri	1	1	..	12	7	5	..	..	..	13	8	5
	Bolpur	4	3	1	2	1	1	..	..	..	6	4	2
	Rampurhat	..	..	..	1	..	1	..	..	..	1	..	1
Bankura	Bankura	3	2	1	4	..	4	5	3	2	12	5	7
	Bishnupur	..	..	..	2	2	..	3	1	2	5	3	2
	Sonamukhi	2	2	..	4	1	3	2	1	1	8	4	4
Midnapore	Midnapur	14	8	6	12	5	7	11	3	8	37	16	21
	Ghatal	4	2	2	5	4	1	2	1	1	11	7	4
	Kharar	1	1	..	..	..	..	..	..	..	1	1	..
	Chandrakona	2	2	..	1	1	..	3	1	2	6	4	2
	Ramjibanpur	1	1	..	2	..	2	3	3	..	6	4	2
	Kshirpai	..	..	..	2	2	..	2	1	1	4	3	1
	Tamluk	..	..	..	..	..	..	..	..	..	..	..	..
		*	*	*	*	*	*	*	*	*	*	*	*
Purulia													**YEAR**
Darjeeling	Darjeeling	2	..	2	25	15	10	5	3	2	32	18	14
	Kurseong	3	2	1	8	3	5	12	7	5	23	12	11
	Kalimpong	9	3	6	8	4	4	3	1	2	20	8	12
	Siliguri	..	..	..	..	..	..	5	5	..	5	5	..
Jalpaiguri	Jalpaiguri	1	..	1	2	2	..	..	..	..	3	2	1
		*	*	*	*	*	*	*	*	*	*	*	*
Cooch Behar													
West Dinajpur	Balurghat	..	..	..	..	..	..	1	..	1	1	..	1
	Rayganj	..	..	..	..	..	..	..	..	..	..	..	..
Malda	English Bazar	9	8	1	9	8	1	2	..	2	20	16	4
	Old Malda	..	..	..	1	..	1	..	..	..	1	..	1

*Figures are not available.

27—*contd.*

West Bengal during the Decennium 1951-60

During the 2nd & 3rd months			During the 4th to 6th months			During the 7th to 12th months			Total			Grand total (Under 1 year)		
Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
1951— *contd.*														
..	..	..	1,000	510	490	703	345	358	1,703	855	848	2,707	1,427	1,280
10	4	6	7	2	5	10	6	4	27	12	15	37	20	17
30	14	16	29	13	16	25	13	12	84	40	44	169	87	82
3	2	1	1	..	1	6	5	1	10	7	3	20	13	7
..	..	..	4	2	2	8	3	5	12	5	7	14	6	8
52	30	22	58	30	28	70	30	40	180	90	90	345	183	162
10	7	3	12	5	7	13	5	8	35	17	18	53	25	28
3	2	1	4	1	3	4	3	1	11	6	5	16	8	8
..	..	..	..	..	..	7	1	6	7	1	6	11	3	8
2	1	1	1	1	..	4	1	3	7	3	4	7	3	4
8	7	1	9	8	1	12	4	8	29	19	10	55	28	27
4	3	1	10	7	3	10	4	6	24	14	10	33	21	12
..	..	..	3	1	2	4	2	2	7	3	4	14	5	9
1	1	..	..	..	..	1	1	..	2	2	..	2	2	..
10	5	5	18	10	8	11	5	6	39	20	19	90	52	38
1	1	..	3	1	2	5	2	3	9	4	5	13	7	6
1	..	1	1	1	..	1	1	..	3	2	1	4	2	2
4	2	2	3	2	1	5	3	2	12	7	5	22	12	10
1	..	1	9	4	5	12	8	4	22	12	10	31	19	12
1	1	..	1	1	..	2	2	..	4	4	..	17	12	5
3	2	1	5	3	2	1	1	..	9	6	3	15	10	5
1	1	..	..	..	..	..	..	..	1	1	..	2	1	1
6	4	2	4	2	2	11	6	5	21	12	9	33	17	16
..	..	..	3	1	2	4	3	1	7	4	3	12	7	5
3	2	1	1	1	..	4	3	1	8	6	2	16	10	6
4	2	2	3	1	2	3	2	1	10	5	5	47	21	26
3	2	1	1	1	..	..	..	..	4	3	1	15	10	5
..	..	..	..	..	..	2	1	1	2	1	1	3	2	1
1	1	..	2	1	1	2	1	1	5	3	2	11	7	4
3	2	1	1	..	1	3	2	1	7	4	3	13	8	5
..	..	..	..	..	..	1	..	1	1	..	1	5	3	2
1	1	..	2	..	2	2	2	..	5	3	2	5	3	2
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
1952														
12	4	8	10	7	3	15	9	6	37	20	17	69	38	31
9	3	6	8	5	3	4	1	3	21	9	12	44	21	23
1	..	1	2	2	..	9	5	4	12	7	5	32	15	17
..	..	..	1	..	1	1	..	1	2	..	2	7	5	2
1	1	..	1	1	..	1	1	..	3	3	..	6	5	1
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	2	..	1	1	..	..	..	..	3	3	..	4	3	1
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1	..	1	2	1	1	1	..	1	4	1	3	24	17	7
..	..	..	..	..	..	2	1	1	2	1	1	3	1	2

TABLE

Infant Deaths by Age and Sex in Towns of

District	Town	Within 1st 24 hours after birth			After 24 hours to the end of the 1st week			From the beginning of the 2nd week to the end of the 1st month			Total		
		Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
1	2	3	4	5	6	7	8	9	10	11	12	13	14
													YEAR
Murshidabad	Baharampur	46	28	18	4	3	1	2	1	1	52	32	20
	Murshidabad	..	..	..	1	1	..	1	1	..	2	2	..
	Kandi	1	..	1	..	..	..	2	..	2	3	..	3
	Jiaganj-Azimganj	..	..	..	1	..	1	2	1	1	3	1	2
	Jangipur	..	..	..	1	1	..	..	..	..	1	1	..
	Dhulian	..	..	..	2	2	..	..	..	..	2	2	..
Nadia	Krishnanagar	9	4	5	23	13	10	3	1	2	35	18	17
	Nabadwip	22	16	6	18	7	11	3	..	3	43	23	20
	Ranaghat	1	1	..	..	..	..	2	1	1	3	2	1
	Birnagar	..	..	..	..	..	..	..	..	..	..	..	..
	Santipur	1	1	..	14	7	7	10	8	2	25	16	9
	Chakdaha	1	1	..	1	..	1	1	..	1	3	1	2
24-Parganas	Tollygunge	2	2	..	1	1	..	..	..	..	3	3	..
	South Suburban	14	8	6	59	25	34	59	31	28	132	64	68
	Garden Reach	11	6	5	42	26	16	56	30	26	109	62	47
	Budge-Budge	1	1	..	5	3	2	2	2	..	8	6	2
	Baruipur	..	..	..	1	1	..	1	1	..	2	2	..
	Rajpur	..	..	..	1	1	..	1	1	..	2	2	..
	Jaynagar Majilpur	5	3	2	..	..	..	..	..	..	5	3	2
	Dum-Dum	3	2	1	3	2	1	4	3	1	10	7	3
	North Dum-Dum	..	..	..	..	..	..	..	..	..	..	..	..
	South Dum-Dum	..	..	..	..	..	..	..	..	..	..	..	..
	Khardaha	1	1	..	..	..	..	2	1	1	3	2	1
	Panihati	..	..	..	1	1	..	1	..	1	2	1	1
	Garulia	5	1	4	4	3	1	2	..	2	11	4	7
	North Barrackpur	..	..	..	2	1	1	..	..	..	2	1	1
	Barrackpur Cantonment	3	2	1	21	15	6	21	12	9	45	29	16
	Titagar	1	1	..	29	27	2	35	32	3	65	60	5
	Naihati	1	1	..	1	1	..	3	2	1	5	4	1
	Bhatpara	34	20	14	187	115	72	144	90	54	365	225	140
	Halisahar	1	1	..	2	1	1	3	..	3	6	2	4
	Kanchrapara	2	1	1	1	..	1	..	..	..	3	1	2
	Baranagar	34	22	12	65	41	24	74	44	30	173	107	66
	Kamarhati	3	2	1	9	7	2	11	6	5	23	15	8
	Barasat	1	1	..	3	3	..	1	1	..	5	5	..
	Gobardanga	..	..	..	..	..	..	..	..	..	..	..	..
	Basirhat	2	2	..	3	2	1	3	3	..	8	7	1
	Taki	1	..	1	1	1	..	1	1	..	3	2	1
	Baduria	..	..	..	..	..	..	1	1	..	1	1	..
Calcutta	Calcutta	1,095	637	458	2,476	1,420	1,056	2,001	1,066	935	5,572	3,123	2,449
Howrah	Howrah	..	..	..	700	407	293	351	196	155	1,051	603	448
	Baly	..	..	..	2	2	..	7	4	3	9	6	3
Hooghly	Hooghly-Chinsura	29	24	5	31	17	14	22	14	8	82	55	27
	Bansbaria	..	..	..	2	..	2	4	3	1	6	3	3
	Arambagh	..	..	..	2	2	..	2	2	..	4	4	..
	Serampore	60	41	19	74	45	29	80	39	41	214	125	89
	Baidyabati	..	..	..	13	8	5	11	5	6	24	13	11
	Rishra	1	1	..	2	..	2	1	1	..	4	2	2
	Uttarpara	..	..	..	1	..	1	4	3	1	5	3	2
	Kotrang	1	1	..	2	..	2	5	4	1	8	5	3
	Bhadreswar	3	1	2	9	9	..	6	1	5	18	11	7
	Chanpdani	..	..	..	1	..	1	4	4	..	5	4	1
	Konnagar	2	2	..	..	..	..	1	1	..	3	3	..

27—*contd.*

West Bengal during the Decennium 1951-60

During the 2nd & 3rd months			During the 4th to 6th months			During the 7th to 12th months			Total			Grand total (Under 1 year)		
Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
1952—*contd.*														
3	3	..	3	2	1	4	1	3	10	6	4	62	38	24
6	5	1	1	1	..	3	1	2	10	7	3	12	9	3
..	..	..	..	..	..	2	2	..	2	2	..	5	2	3
2	2	..	1	1	..	1	1	..	4	4	..	7	5	2
6	4	2	3	2	1	2	1	1	11	7	4	12	8	4
..	..	..	..	..	..	1	1	..	1	1	..	3	3	..
..	..	..	..	..	..	2	1	1	2	1	1	37	19	18
..	..	..	..	..	..	..	..	..	..	..	..	43	23	20
1	..	1	1	..	1	2	2	..	4	2	2	7	4	3
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2	..	2	10	5	5	5	4	1	17	9	8	42	25	17
..	..	..	..	..	..	1	..	1	1	..	1	4	1	3
1	1	..	3	1	2	4	1	3	8	3	5	11	6	5
84	48	36	51	25	26	63	31	32	198	104	94	330	168	162
35	22	13	27	10	17	33	20	13	95	52	43	204	114	90
6	4	2	11	7	4	6	4	2	23	15	8	31	21	10
1	..	1	..	..	..	..	..	..	1	..	1	3	2	1
2	1	1	2	2	..	2	2	..	6	5	1	8	7	1
1	1	..	..	..	..	..	..	..	1	1	..	6	4	2
..	..	..	1	1	..	..	..	..	1	1	..	11	8	3
..	..	..	..	..	..	1	1	..	1	1	..	1	1	..
3	1	2	..	..	..	4	2	2	7	3	4	7	3	4
..	..	..	2	1	1	4	1	3	6	2	4	9	4	5
..	..	..	1	1	..	3	2	1	4	3	1	6	4	2
5	3	2	5	2	3	8	3	5	18	8	10	29	12	17
4	1	3	6	3	3	5	2	3	15	6	9	17	7	10
6	4	2	17	10	7	12	7	5	35	21	14	80	50	30
31	15	16	33	20	13	30	19	11	94	54	40	159	114	45
3	2	1	5	2	3	5	3	2	13	7	6	18	11	7
97	55	42	75	33	42	100	54	46	272	142	130	637	367	270
3	3	..	..	..	..	1	1	..	4	4	..	10	6	4
1	..	1	1	..	1	2	1	1	4	1	3	7	2	5
74	42	32	45	23	22	59	30	29	178	95	83	351	202	149
24	8	16	20	11	9	31	14	17	75	33	42	98	48	50
2	1	1	..	..	..	3	2	1	5	3	2	10	8	2
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	9	3	6	9	3	6	17	10	7
2	1	1	..	..	..	1	..	1	3	1	2	6	3	3
1	1	..	2	1	1	2	2	..	5	4	1	6	5	1
1,827	971	856	1,450	775	675	2,038	975	1,063	5,315	2,721	2,594	10,887	5,844	5,043
49	27	22	794	398	396	619	290	329	1,462	715	747	2,513	1,318	1,195
11	6	5	10	7	3	6	4	2	27	17	10	36	23	13
22	15	7	26	12	14	43	26	17	91	53	38	173	108	65
5	2	3	6	1	5	14	7	7	25	10	15	31	13	18
2	2	..	4	1	3	5	2	3	11	5	6	15	9	6
68	36	32	58	28	30	82	39	43	208	103	105	422	228	194
3	3	..	6	2	4	13	5	8	22	10	12	46	23	23
3	2	1	..	..	..	3	2	1	6	4	2	10	6	4
4	2	2	4	3	1	6	4	2	14	9	5	19	12	7
2	2	..	..	..	..	3	1	2	5	3	2	13	8	5
12	10	2	4	3	1	11	3	8	27	16	11	45	27	18
2	2	..	2	..	2	3	2	1	7	4	3	12	8	4
1	1	..	1	..	1	2	..	2	4	1	3	7	4	3

TABLE

Infant Deaths by Age and Sex in Towns of

District	Town	Within 1st 24 hours after birth			After 24 hours to the end of the 1st week			From the beginning of the 2nd week to the end of the 1st month			Total		
		Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
1	2	3	4	5	6	7	8	9	10	11	12	13	14
													YEAR
Burdwan	Burdwan	..	..	..	..	..	..	..	..	..	..	..	..
	Kalna	..	..	..	24	17	7	20	16	4	44	33	11
	Katwa	..	..	..	9	6	3	2	1	1	11	7	4
	Dainhat	..	..	..	..	..	..	..	..	..	..	..	..
	Raniganj	..	..	..	7	1	6	4	2	2	11	3	8
	Asansol	9	6	3	2	2	..	3	2	1	14	10	4
Birbhum	Suri	11	7	4	6	5	1	..	..	..	17	12	5
	Bolpur	..	..	..	10	2	8	1	1	..	11	3	8
	Rampurhat	..	..	..	2	1	1	4	3	1	6	4	2
Bankura	Bankura	3	2	1	1	1	..	5	3	2	9	6	3
	Bishnupur	..	..	..	1	1	..	3	2	1	4	3	1
	Sonamukhi	..	..	..	2	2	..	4	1	3	6	3	3
Midnapore	Midnapur	21	11	10	18	10	8	1	1	..	40	22	18
	Ghatal	4	4	..	1	..	1	2	2	..	7	6	1
	Kharar	2	1	1	..	..	..	..	..	..	2	1	1
	Chandrakona	..	..	..	2	1	1	2	1	1	4	2	2
	Ramjibanpur	3	3	..	3	..	3	6	2	4	12	5	7
	Kshirpai	..	..	..	3	1	2	2	2	..	5	3	2
	Tamluk	..	..	..	..	..	..	2	1	1	2	1	1
Purulia		*	*	*	*	*	*	*	*	*	*	*	*
													YEAR
Darjeeling	Darjeeling	3	1	2	24	10	14	11	7	4	38	18	20
	Kurseong	2	1	1	8	5	3	5	3	2	15	9	6
	Kalimpong	3	3	..	3	2	1	10	3	7	16	8	8
	Siliguri	4	2	2	..	..	..	8	5	3	12	7	5
Jalpaiguri	Jalpaiguri	..	..	..	..	..	..	..	..	..	..	..	..
Cooch Behar	Cooch Behar	..	..	..	39	23	16	3	3	..	42	26	16
West Dinajpur	Balurghat	3	3	..	12	9	3	4	3	1	19	15	4
	Rayganj	..	..	..	..	..	..	..	..	..	..	..	..
Malda	English Bazar	16	7	9	22	10	12	2	1	1	40	18	22
	Old Malda	..	..	..	..	..	..	..	..	..	..	..	..
Murshidabad	Baharampur	40	23	17	2	1	1	11	6	5	53	30	23
	Murshidabad	7	5	2	3	3	..	5	1	4	15	9	6
	Kandi	1	..	1	1	..	1	3	1	2	5	1	4
	Jiaganj-Azimganj	..	..	..	1	..	1	..	..	..	1	..	1
	Jangipur	..	..	..	4	1	3	2	2	..	6	3	3
	Dhulian	1	1	..	3	2	1	1	1	..	5	4	1
Nadia	Krishnanagar	4	1	3	17	5	12	1	1	..	22	7	15
	Nabadwip	12	4	8	24	14	10	5	3	2	41	21	20
	Ranaghat	..	..	..	..	..	..	..	..	..	..	..	..
	Birnagar	..	..	..	..	..	..	..	..	..	..	..	..
	Santipur	4	4	..	7	5	2	6	4	2	17	13	4
	Chakdaha	..	..	..	..	..	..	2	2	..	2	2	..

* Figures are not available.

27—*contd.*

West Bengal during the Decennium 1951-60

During the 2nd & 3rd months			During the 4th to 6th months			During the 7th to 12th months			Total			Grand total (Under 1 year)		
Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
1952—*concld.*														
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
14	5	9	16	8	8	5	2	3	35	15	20	79	48	31
2	1	1	..	..	..	..	..	..	2	1	1	13	8	5
..	..	..	..	..	..	5	..	5	5	..	5	5	..	5
4	3	1	2	..	2	5	4	1	11	7	4	22	10	12
2	1	1	12	10	2	2	1	1	16	12	4	30	22	8
1	..	1	1	..	1	4	3	1	6	3	3	23	15	8
2	1	1	..	..	..	2	..	2	4	1	3	15	4	11
2	2	..	11	5	6	12	9	3	25	16	9	31	20	11
1	..	1	3	1	2	3	3	..	7	4	3	16	10	6
1	1	..	1	1	..	2	1	1	4	3	1	8	6	2
2	..	2	2	..	2	1	..	1	5	..	5	11	3	8
4	1	3	3	2	1	1	1	..	8	4	4	48	26	22
3	2	1	8	5	3	2	1	1	13	8	5	20	14	6
1	..	1	..	..	..	..	..	..	1	..	1	3	1	2
2	1	1	1	..	1	..	..	..	3	1	2	7	3	4
2	..	2	2	..	2	1	1	..	5	1	4	17	6	11
1	..	1	2	..	2	2	1	1	5	1	4	10	4	6
1	..	1	..	..	..	2	1	1	3	1	2	5	2	3
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
1953														
6	3	3	5	1	4	14	7	7	25	11	14	63	29	34
15	9	6	2	..	2	12	4	8	29	13	16	44	22	22
1	1	..	3	1	2	4	3	1	8	5	3	24	13	11
..	..	..	4	3	1	1	1	..	5	4	1	17	11	6
..	..	..	1	..	1	1	1	..	2	1	1	2	1	1
1	..	1	..	..	..	3	1	2	4	1	3	46	27	19
..	..	..	..	..	..	2	1	1	2	1	1	21	16	5
..	..	..	..	..	..	1	..	1	1	..	1	1	..	1
2	2	..	3	3	..	2	1	1	7	6	1	47	24	23
..	..	..	1	1	..	2	..	2	3	1	2	3	1	2
8	3	5	9	3	6	25	10	15	42	16	26	95	46	49
5	5	..	4	2	2	5	4	1	14	11	3	29	20	9
..	..	..	2	1	1	1	..	1	3	1	2	8	2	6
1	1	..	1	..	1	2	1	1	4	2	2	5	2	3
3	3	..	..	..	..	..	..	..	3	3	..	9	6	3
1	1	..	..	..	..	..	..	..	1	1	..	6	5	1
1	..	1	..	..	..	6	4	2	7	4	3	29	11	18
17	11	6	10	7	3	14	9	5	41	27	14	82	48	34
..	..	..	1	..	1	..	..	..	1	..	1	1	..	1
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
8	5	3	2	1	1	12	3	9	22	9	13	39	22	17
2	1	1	3	1	2	1	1	..	6	3	3	8	5	3

TABLE

Infant Deaths by Age and Sex in Towns of

District	Town	Within 1st 24 hours after birth			After 24 hours to the end of the 1st week			From the beginning of the 2nd week to the end of the 1st month			Total		
		Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
1	2	3	4	5	6	7	8	9	10	11	12	13	14
													YEAR
24-Parganas	South Suburban	11	8	3	47	30	17	44	21	23	102	59	43
	Garden Reach	9	5	4	48	35	13	22	15	7	79	55	24
	Budge-Budge	..	..	..	7	3	4	7	2	5	14	5	9
	Baruipur	..	..	..	..	..	..	1	1	..	1	1	..
	Rajpur	1	1	..	..	..	..	3	1	2	4	2	2
	Jaynagar Majilpur	1	1	..	1	..	1	..	..	..	2	1	1
	Dum-Dum	3	3	..	2	..	2	1	1	..	6	4	2
	North Dum-Dum	..	..	..	..	..	..	1	..	1	1	..	1
	South Dum-Dum	2	2	..	..	..	..	1	1	..	3	3	..
	Khardaha	..	..	..	..	..	..	..	..	..	..	..	..
	Panihati	..	..	..	2	1	1	2	..	2	4	1	3
	Garulia	4	2	2	6	5	1	4	3	1	14	10	4
	North Barrackpur	..	..	..	1	..	1	1	..	1	2	..	2
	Barrackpur	..	..	..	18	14	4	12	7	5	30	21	9
	Titagar	..	..	..	42	31	11	53	38	15	95	69	26
	Naihati	..	..	..	2	1	1	4	3	1	6	4	2
	Bhatpara	35	23	12	118	81	37	141	80	61	294	184	110
	Halisahar	..	..	..	1	..	1	5	3	2	6	3	3
	Kanchrapara	1	..	1	5	4	1	1	..	1	7	4	3
	Baranagar	32	20	12	50	24	26	66	31	35	148	75	73
	Kamarhati	1	1	..	10	3	7	11	4	7	22	8	14
	Barasat	..	..	..	3	3	..	..	..	..	3	3	..
	Gobardanga	..	..	..	4	2	2	1	..	1	5	2	3
	Basirhat	3	2	1	5	3	2	2	2	..	10	7	3
	Taki	..	..	..	2	..	2	2	2	..	4	2	2
	Baduria	..	..	..	1	..	1	1	..	1	2	..	2
Calcutta	Calcutta	960	541	419	2,081	1,238	843	1,717	974	743	4,758	2,753	2,005
Howrah	Howrah	..	..	..	785	472	313	399	213	186	1,184	685	499
	Baly	..	..	..	3	2	1	11	7	4	14	9	5
Hooghly	Hooghly-Chinsura	31	23	8	41	25	16	32	20	12	104	68	36
	Bansbaria	2	1	1	2	..	2	2	2	..	6	3	3
	Arambagh	3	2	1	1	1	..	2	2	..	6	5	1
	Serampore	54	29	25	69	44	25	62	43	19	185	116	69
	Baidyabati	4	1	3	6	4	2	9	3	6	19	8	11
	Rishra	1	..	1	4	3	1	7	5	2	12	8	4
	Uttarpara	..	..	..	1	..	1	1	..	1	2	..	2
	Kotrang	1	1	..	1	1	..	..	..	..	2	2	..
	Bhadreswar	6	4	2	7	5	2	2	1	1	15	10	5
	Chanpdani	2	1	1	1	1	..	5	3	2	8	5	3
	Konnagar	1	1	..	..	..	..	3	1	2	4	2	2
Burdwan	Burdwan	..	..	..	..	..	..	..	..	..	..	..	..
	Kalna	..	..	..	24	16	8	25	13	12	49	29	20
	Katwa	3	2	1	5	2	3	..	..	..	8	4	4
	Dainhat	..	..	..	..	..	..	1	..	1	1	..	1
	Raniganj	..	..	..	8	5	3	4	2	2	12	7	5
	Asansol	..	..	..	..	..	..	..	..	..	..	..	..
Birbhum	Suri	..	..	..	17	12	5	1	1	..	18	13	5
	Bolpur	..	..	..	..	..	..	3	3	..	3	3	..
	Rampurhat	..	..	..	2	2	..	1	1	..	3	3	..
Bankura	Bankura	1	1	..	7	2	5	2	2	..	10	5	5
	Bishnupur	1	1	..	1	1	..	2	1	1	4	3	1
	Sonamukhi	..	..	..	7	4	3	3	2	1	10	6	4

27—*contd.*

West Bengal during the Decennium 1951-60

During the 2nd & 3rd months			During the 4th to 6th months			During the 7th to 12th months			Total			Grand total (Under 1 year)		
Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
1953—*contd.*														
69	28	41	65	33	32	71	37	34	205	98	107	307	157	150
40	24	16	33	22	11	49	25	24	122	71	51	201	126	75
..	..	..	14	9	5	18	13	5	32	22	10	46	27	19
..	..	..	..	..	..	2	2	..	2	2	..	3	3	..
3	2	1	2	1	1	2	2	..	7	5	2	11	7	4
..	..	..	..	..	..	..	..	..	..	..	..	2	1	1
2	1	1	1	..	1	3	..	3	6	1	5	12	5	7
..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
..	..	..	..	..	..	..	..	..	..	..	..	3	3	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2	..	2	4	1	3	1	1	..	7	2	5	11	3	8
3	..	3	3	..	3	9	3	6	15	3	12	29	13	16
5	2	3	3	3	..	3	1	2	11	6	5	13	6	7
1	1	..	24	12	12	22	14	8	47	27	20	77	48	29
40	27	13	37	22	15	64	34	30	141	83	58	236	152	84
6	3	3	2	1	1	7	6	1	15	10	5	21	14	7
87	43	44	82	40	42	91	46	45	260	129	131	554	313	241
..	..	..	10	6	4	5	3	2	15	9	6	21	12	9
..	..	..	..	..	..	1	..	1	1	..	1	8	4	4
71	38	33	67	34	33	66	29	37	204	101	103	352	176	176
20	10	10	30	14	16	45	25	20	95	49	46	117	57	60
..	..	..	..	..	..	1	..	1	1	..	1	4	3	1
..	..	..	1	..	1	..	..	..	1	..	1	6	2	4
2	1	1	6	4	2	4	..	4	12	9	3	22	16	6
2	2	..	1	1	..	1	1	..	4	4	..	8	6	2
..	..	..	..	..	..	..	..	..	..	..	..	2	..	2
1,716	879	837	1,463	775	688	2,159	1,049	1,110	5,338	2,703	2,635	10,096	5,456	4,640
..	..	..	843	428	415	698	326	372	1,541	754	787	2,725	1,439	1,286
10	4	6	8	4	4	10	6	4	28	14	14	42	23	19
22	10	12	34	13	21	79	38	41	135	61	74	239	129	110
9	8	1	3	1	2	4	4	..	16	13	3	22	16	6
..	..	..	3	1	2	3	1	2	6	2	4	12	7	5
22	22	..	66	36	30	88	37	51	176	95	81	361	211	150
39	2	37	11	7	4	22	8	14	72	17	55	91	25	66
5	2	3	..	..	..	7	4	3	12	6	6	24	14	10
1	1	..	1	1	..	3	..	3	5	2	3	7	2	5
2	2	..	5	4	1	6	2	4	13	8	5	15	10	5
3	3	..	9	4	5	13	3	10	25	10	15	40	20	20
4	1	3	3	1	2	8	6	2	15	8	7	23	13	10
4	1	3	7	1	6	3	2	1	14	4	10	18	6	12
..	..	..	1	1	..	..	..	..	1	1	..	1	1	..
9	3	6	16	7	9	15	6	9	40	16	24	89	45	44
2	2	..	..	..	..	..	..	..	2	2	..	10	6	4
..	..	..	1	..	1	..	..	..	1	..	1	2	..	2
3	2	1	4	3	1	4	1	3	11	6	5	23	13	10
..	..	..	..	..	..	4	1	3	4	1	3	4	1	3
1	1	..	..	..	..	1	..	1	2	1	1	20	14	6
..	..	..	..	..	..	..	..	..	..	..	..	3	3	..
..	..	..	..	..	..	..	..	..	..	..	..	3	3	..
..	..	..	1	1	..	1	1	..	2	2	..	12	7	5
1	..	1	3	1	2	1	1	..	5	2	3	9	5	4
1	..	1	1	..	1	2	..	2	4	..	4	14	6	8

TABLE

Infant Deaths by Age and Sex in Towns of

District	Town	Within 1st 24 hours after birth			After 24 hours to the end of the 1st week			From the beginning of the 2nd week to the end of the 1st month			Total		
		Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
1	2	3	4	5	6	7	8	9	10	11	12	13	14
													YEAR
Midnapore	Midnapur	18	6	12	20	5	15	8	4	4	46	15	31
	Ghatal	3	1	2	3	2	1	3	1	2	9	4	5
	Kharar	..	..	..	..	..	..	..	..	..	..	..	..
	Chandrakona	2	1	1	5	4	1	4	1	3	11	6	5
	Ramjibanpur	8	4	4	..	..	..	3	3	..	11	7	4
	Kshirpai	1	..	1	5	4	1	4	2	2	10	6	4
	Tamluk	..	..	..	..	..	..	1	1	..	1	1	..
Purulia		*	*	*	*	*	*	*	*	*	*	*	*
													YEAR
Darjeeling	Darjeeling	3	3	..	24	10	14	12	5	7	39	18	21
	Kurseong	6	..	6	..	..	..	8	3	5	14	3	11
	Kalimpong	3	1	2	7	4	3	6	1	5	16	6	10
	Siliguri	1	1	..	2	1	1	9	4	5	12	6	6
Jalpaiguri	Jalpaiguri	1	..	1	..	..	..	1	1	..	2	1	1
Cooch Behar	Cooch Behar	18	9	9	20	12	8	6	5	1	44	26	18
West Dinajpur	Balurghat	3	2	1	5	2	3	4	1	3	12	5	7
	Rayganj	1	..	1	3	2	1	1	..	1	5	2	3
Malda	English Bazar	6	4	2	16	8	8	..	..	..	22	12	10
	Old Malda	..	..	..	1	..	1	2	1	1	3	1	2
Murshidabad	Baharampur	80	49	31	9	3	6	8	7	1	97	59	38
	Murshidabad	4	1	3	5	3	2	1	..	1	10	4	6
	Kandi	..	..	..	2	2	..	1	1	..	3	3	..
	Jiaganj-Azimganj	2	1	1	..	..	..	..	..	..	2	1	1
	Jangipur	1	1	..	2	1	1	..	..	..	3	2	1
	Dhulian	..	..	..	4	2	2	1	..	1	5	2	3
Nadia	Krishnanagar	11	6	5	7	2	5	1	1	..	19	9	10
	Nabadwip	17	8	9	23	17	6	3	2	1	43	27	16
	Ranaghat	..	..	..	..	..	..	..	..	..	..	..	..
	Birnagar	..	..	..	..	..	..	..	..	..	..	..	..
	Santipur	3	3	..	8	4	4	10	8	2	21	15	6
	Chakdaha	1	..	1	2	2	..	..	..	..	3	2	1
24-Parganas	South Suburban	17	8	9	41	25	16	49	29	20	107	62	45
	Garden Reach	7	4	3	56	36	20	35	19	16	98	59	39
	Budge-Budge	..	..	..	11	7	4	3	1	2	14	8	6
	Baruipur	..	..	..	2	1	1	3	1	2	5	2	3
	Rajpur	..	..	..	2	..	2	5	3	2	7	3	4
	Jaynagar Majilpur	3	2	1	3	1	2	1	..	1	7	3	4
	Dum-Dum	..	..	..	1	..	1	2	1	1	3	1	2
	North Dum-Dum	..	..	..	..	..	..	1	1	..	1	1	..
	South Dum-Dum	4	3	1	1	1	..	1	..	1	6	4	2
	Khardaha	..	..	..	..	..	..	..	..	..	..	..	..
	Panihati	..	..	..	3	2	1	2	1	1	5	3	2
	Garulia	3	1	2	2	1	1	3	2	1	8	4	4
	North Barrackpur	1	...	1	1	1	..	1	1	..	3	2	1
	Barrackpur	18	11	7	29	15	14	26	14	12	73	40	33
	Titagar	..	..	..	38	29	9	46	33	13	84	62	22
	Naihati	..	..	..	2	2	..	2	2	..	4	4	..
	Bhatpara	20	11	9	134	73	61	92	50	42	246	134	112
	Halisahar	1	1	..	5	3	2	..	..	..	6	4	2
	Kanchrapara	..	..	..	6	4	2	1	..	1	7	4	3

* Figures are notavailable.

27—*contd.*

West Bengal during the Decennium 1951-60

During the 2nd & 3rd months			During the 4th to 6th months			During the 7th to 12th months			Total			Grand total (Under 1 year)		
Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
1953—*concld.*														
5	3	2	..	..	..	..	..	..	5	3	2	51	18	33
2	2	..	2	..	2	1	1	..	5	3	2	14	7	7
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4	1	3	3	1	2	4	3	1	11	5	6	22	11	11
..	..	..	4	..	4	..	..	..	4	..	4	15	7	8
..	..	..	3	1	2	1	..	1	4	1	3	14	7	7
5	3	2	2	1	1	2	1	1	9	5	4	10	6	4
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
1954														
8	6	2	7	3	4	14	9	5	29	18	11	68	36	32
1	..	1	2	1	1	8	4	4	11	5	6	25	8	17
2	1	1	3	3	..	7	6	1	12	10	2	28	16	12
3	3	..	4	4	..	..	..	..	7	7	..	19	13	6
2	..	2	1	1	..	1	1	..	4	2	2	6	3	3
2	1	1	2	2	..	4	1	3	8	4	4	52	30	22
..	..	..	2	2	..	1	1	..	3	3	..	15	8	7
..	..	..	2	1	1	1	1	..	3	2	1	8	4	4
1	1	..	2	..	2	4	2	2	7	3	4	29	15	14
..	..	..	..	..	..	2	1	1	2	1	1	5	2	3
5	2	3	6	3	3	22	11	11	33	16	17	130	75	55
..	..	..	2	..	2	2	2	..	4	2	2	14	6	8
..	..	..	2	2	..	3	..	3	5	2	3	8	5	3
..	..	..	1	1	..	2	1	1	3	2	1	5	3	2
1	1	..	1	1	..	3	..	3	5	2	3	8	4	4
2	..	2	..	..	..	1	1	..	3	1	2	8	3	5
1	..	1	..	..	..	1	1	..	2	1	1	21	10	11
1	..	1	2	1	1	5	2	3	8	3	5	51	30	21
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5	2	3	6	1	5	8	1	7	19	4	15	40	19	21
..	..	..	..	..	..	1	1	..	1	1	..	4	3	1
46	23	23	54	24	30	60	30	30	160	77	83	267	139	128
38	22	16	29	10	19	27	19	8	94	51	43	192	110	82
..	..	..	24	12	12	10	3	7	34	15	19	48	23	25
3	2	1	..	..	..	..	..	..	3	2	1	8	4	4
2	1	1	1	1	..	..	..	..	3	2	1	10	5	5
..	..	..	..	..	..	..	..	..	..	..	..	7	3	4
5	3	2	2	..	2	..	..	..	7	3	4	10	4	6
..	..	..	..	..	..	..	..	..	..	..	..	1	1	..
..	..	..	..	..	..	2	1	1	2	1	1	8	5	3
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3	3	..	..	..	..	11	6	5	14	9	5	19	12	7
7	2	5	10	6	4	7	4	3	24	12	12	32	16	16
2	1	1	1	..	1	1	1	..	4	2	2	7	4	3
13	7	6	20	9	11	27	14	13	60	30	30	133	70	63
54	32	22	43	22	21	60	27	33	157	81	76	241	143	98
3	3	..	3	2	1	4	3	1	10	8	2	14	12	2
69	36	33	58	29	29	90	47	43	217	112	105	463	246	217
3	3	..	5	2	3	2	1	1	10	6	4	16	10	6
3	1	2	1	..	1	1	1	..	5	2	3	12	6	6

TABLE

Infant Deaths by Age and Sex in Towns of

District	Town	Within 1st 24 hours after birth			After 24 hours to the end of the 1st week			From the beginning of the 2nd week to the end of the 1st month			Total		
		Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
1	2	3	4	5	6	7	8	9	10	11	12	13	14
													YEAR
24-Parganas —*contd.*	Baranagar	37	22	15	51	24	27	54	23	31	142	69	73
	Kamarhati	..	..	..	8	1	7	8	4	4	16	5	11
	Barasat	..	..	..	2	1	1	4	..	4	6	1	5
	Gobardanga	..	..	..	..	..	..	..	..	..	..	..	..
	Basirhat	..	..	..	4	2	2	5	2	3	9	4	5
	Taki	3	2	1	4	3	1	1	..	1	8	5	3
	Baduria	..	..	..	2	1	1	1	..	1	3	1	2
Calcutta	Calcutta	1,010	558	452	1,896	1,091	805	1,621	853	768	4,527	2,502	2,025
Howrah	Howrah	..	..	..	677	405	272	336	194	142	1,013	599	414
	Baly	..	..	..	4	4	..	12	6	6	16	10	6
Hooghly	Hooghly-Chinsura	27	15	12	32	16	16	23	9	14	82	40	42
	Bansbaria	3	3	..	..	..	..	3	3	..	6	6	..
	Arambagh	5	2	3	1	1	..	2	1	1	8	4	4
	Serampore	51	32	19	64	35	29	58	38	20	173	105	68
	Baidyabati	..	..	..	4	3	1	7	3	4	11	6	5
	Rishra	2	2	..	3	3	..	2	1	1	7	6	1
	Uttarpara	1	1	..	1	1	..	1	1	..	3	3	..
	Kotrang	1	..	1	2	1	1	..	..	..	3	1	2
	Bhadreswar	6	3	3	7	3	4	4	4	..	17	10	7
	Chanpdani	3	2	1	..	..	..	1	1	..	4	3	1
	Konnagar	1	..	1	1	..	1	1	..	1	3	..	3
Burdwan	Burdwan	..	..	..	..	..	..	..	..	..	..	..	..
	Kalna	..	..	..	32	19	13	7	..	7	39	19	20
	Katwa	4	3	1	7	5	2	1	..	1	12	8	4
	Dainhat	..	..	..	..	..	..	..	..	..	..	..	..
	Raniganj	..	..	..	8	4	4	3	1	2	11	5	6
	Asansol	..	..	..	..	..	..	..	..	..	..	..	..
Birbhum	Suri	7	5	2	3	3	..	1	1	..	11	9	2
	Bolpur	1	1	..	2	2	..	..	..	..	3	3	..
	Rampurhat	..	..	..	..	..	..	..	..	..	..	..	..
Bankura	Bankura	1	..	1	4	2	2	2	..	2	7	2	5
	Bishnupur	..	..	..	6	6	..	..	..	..	6	6	..
	Sonamukhi	6	5	1	..	..	..	6	4	2	12	9	3
Midnapore	Midnapur	15	4	11	24	12	12	5	1	4	44	17	27
	Ghatal	2	1	1	4	2	2	7	3	4	13	6	7
	Kharar	..	..	..	..	..	..	1	..	1	1	..	1
	Chandrakona	6	1	5	3	..	3	5	4	1	14	5	9
	Ramjibanpur	..	..	..	7	4	3	4	4	..	11	8	3
	Kshirpai	..	..	..	1	1	..	3	2	1	4	3	1
	Tamluk	1	1	..	..	..	..	1	1	..	2	2	..
Purulia		*	*	*	*	*	*	*	*	*	*	*	*
													YEAR
Darjeeling	Darjeeling	3	2	1	45	27	18	10	6	4	58	35	23
	Kurseong	..	..	..	6	4	2	11	5	6	17	9	8
	Kalimpong	8	4	4	15	8	7	6	1	5	29	13	16
	Siliguri	5	2	3	5	4	1	1	..	1	11	6	5
Jalpaiguri	Jalpaiguri	..	..	..	..	..	..	..	..	..	..	..	..

Figures are not available.

27—*contd.*

West Bengal during the Decennium 1951-60

During the 2nd & 3rd months			During the 4th to 6th months			During the 7th to 12th months			Total			Grand total (Under 1 year)		
Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
1954—*contd.*														
66	32	34	43	19	24	40	22	18	149	73	76	291	142	149
11	7	4	27	13	14	43	19	24	81	39	42	97	44	53
..	..	..	1	..	1	..	..	..	1	..	1	7	1	6
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
8	4	4	5	2	3	6	1	5	19	7	12	28	11	17
..	..	..	4	2	2	3	3	..	7	5	2	15	10	5
2	1	1	..	..	..	..	..	..	2	1	1	5	2	3
1,430	758	672	1,260	647	613	1,726	841	885	4,416	2,246	2,170	8,943	4,748	4,195
..	..	..	674	339	335	459	229	230	1,133	568	565	2,146	1,167	979
12	3	9	4	3	1	1	1	..	17	7	10	33	17	16
32	18	14	33	17	16	49	24	25	114	59	55	196	99	97
..	..	..	..	..	..	3	..	3	3	..	3	9	6	3
..	..	..	2	..	2	3	1	2	5	1	4	13	5	8
62	35	27	44	29	15	68	27	41	174	91	83	347	196	151
6	3	3	5	2	3	4	2	2	15	7	8	26	13	13
3	..	3	2	1	1	..	..	..	5	1	4	12	7	5
..	..	..	2	1	1	1	1	..	3	2	1	6	5	1
1	1	..	..	..	..	3	..	3	4	1	3	7	2	5
5	2	3	7	5	2	6	4	2	18	11	7	35	21	14
1	1	..	..	..	..	1	1	..	2	2	..	6	5	1
2	2	..	..	..	..	1	1	..	3	3	..	6	3	3
..	..	..	..	..	..	1	1	..	1	1	..	1	1	..
7	3	4	16	11	5	12	8	4	35	22	13	74	41	33
1	1	..	1	1	..	..	..	..	2	2	..	14	10	4
2	1	1	..	..	..	1	..	1	3	1	2	3	1	2
1	1	..	3	1	2	2	..	2	6	2	4	17	7	10
..	..	..	5	3	2	4	2	2	9	5	4	9	5	4
..	..	..	..	..	..	1	1	..	1	1	..	12	10	2
1	..	1	..	..	..	..	..	..	1	..	1	4	3	1
..	..	..	..	..	..	1	1	..	1	1	..	1	1	..
..	..	..	2	1	1	5	3	2	7	4	3	14	6	8
..	..	..	5	2	3	5	5	..	10	7	3	16	13	3
1	..	1	1	1	..	1	1	..	3	2	1	15	11	4
..	..	..	6	4	2	7	4	3	13	8	5	57	25	32
5	1	4	4	2	2	4	1	3	13	4	9	26	10	16
..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
2	1	1	..	..	..	5	3	2	7	4	3	21	9	12
3	2	1	..	..	..	5	3	2	8	5	3	19	13	6
..	..	.	5	2	3	4	3	1	9	5	4	13	8	5
..	..	..	..	..	..	4	4	..	4	4	..	6	6	..
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
1955														
11	7	4	12	8	4	14	8	6	37	23	14	95	58	37
10	8	2	3	1	2	2	2	..	15	11	4	32	20	12
4	2	2	2	2	..	5	4	1	11	8	3	40	21	19
1	1	..	3	1	2	3	3	..	7	5	2	18	11	7
1	1	..	..	..	..	..	..	..	1	1	..	1	1	..

TABLE

Infant Deaths by Age and Sex in Towns of

District	Town	Within 1st 24 hours after birth			After 24 hours to the end of the 1st week			From the beginning of the 2nd week to the end of the 1st month			Total		
		Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
1	2	3	4	5	6	7	8	9	10	11	12	13	14
													YEAR
Cooch Behar	Cooch Behar	32	15	17	32	17	15	1	..	1	65	32	33
West Dinajpur	Balurghat	7	7	..	9	7	2	2	..	2	18	14	4
	Rayganj	..	..	..	1	1	..	1	..	1	2	1	1
Malda	English Bazar	13	8	5	19	10	9	2	2	..	34	20	14
	Old Malda	..	..	..	2	2	..	..	..	..	2	2	..
Murshidabad	Baharampur	84	46	38	24	12	12	3	2	1	111	60	51
	Murshidabad	..	..	..	6	5	1	..	..	..	6	5	1
	Jiaganj-Azimganj	..	..	..	..	..	..	1	1	..	1	1	..
	Kandi	..	..	..	..	..	..	2	..	2	2	..	2
	Jangipur	..	..	..	..	..	..	..	..	..	..	..	..
	Dhulian	..	..	..	3	..	3	1	..	1	4	..	4
Nadia	Krishnanagar	38	23	15	2	1	1	..	..	..	40	24	16
	Nabadwip	12	8	4	47	31	16	10	7	3	69	46	23
	Ranaghat	..	..	..	..	..	..	1	1	..	1	1	..
	Birnagar	..	..	..	..	..	..	..	..	..	..	..	..
	Santipur	10	5	5	13	4	9	12	7	5	35	16	19
	Chakdaha	1	..	1	14	11	3	2	1	1	17	12	5
24-Parganas	South Suburban	13	6	7	31	18	13	50	34	16	94	58	36
	Garden Reach	6	5	1	46	29	17	43	25	18	95	59	36
	Budge-Budge	..	..	..	10	7	3	6	2	4	16	9	7
	Baruipur	..	..	..	..	..	..	..	..	..	..	..	..
	Rajpur	..	..	..	2	1	1	1	1	..	3	2	1
	Jaynagar Majilpur	..	..	..	2	1	1	..	..	..	2	1	1
	Dum-Dum	2	..	2	..	..	..	1	1	..	3	1	2
	North Dum-Dum	1	1	..	1	1	..	2	2	..	4	4	..
	South Dum Dum	7	4	3	1	..	1	..	..	..	8	4	4
	Khardaha	..	..	..	..	..	..	..	..	..	..	..	..
	Panihati	..	..	..	1	1	..	1	..	1	2	1	1
	Garulia	2	1	1	2	1	1	..	..	..	4	2	2
	North Barrackpur	..	..	..	2	1	1	2	1	1	4	2	2
	Barrackpur	31	14	17	32	21	11	41	16	25	104	51	53
	Titagar	1	..	1	43	25	18	42	28	14	86	53	33
	Naihati	2	1	1	1	..	1	1	1	..	4	2	2
	Bhatpara	34	22	12	134	91	43	108	66	42	276	179	97
	Halisahar	..	..	..	1	1	..	2	1	1	3	2	1
	Kanchrapara	..	..	..	5	1	4	..	..	..	5	1	4
	Baranagar	27	17	10	65	38	27	73	37	36	165	92	73
	Kamarhati	..	..	..	14	10	4	23	14	9	37	24	13
	Barasat	..	..	..	..	..	..	2	1	1	2	1	1
	Gobardanga	..	..	..	3	2	1	..	..	..	3	2	1
	Basirhat	3	2	1	7	3	4	1	..	1	11	5	6
	Taki	..	..	..	10	6	4	..	..	..	10	6	4
	Baduria	..	..	..	6	3	3	1	..	1	7	3	4
Calcutta	Calcutta	919	546	373	2,119	1,279	840	1,697	957	740	4,735	2,782	1,953
Howrah	Howrah	..	..	..	659	395	264	418	236	182	1,077	631	446
	Baly	1	..	1	5	4	1	7	2	5	13	6	7
Hooghly	Hooghly-Chinsura	21	12	9	27	19	8	24	15	9	72	46	26
	Bansbaria	1	..	1	1	1	..	1	..	1	3	1	2
	Arambagh	8	6	2	4	4	..	5	2	3	17	12	5
	Serampore	41	28	13	82	53	29	68	38	30	191	119	72
	Baidyabati	2	2	..	7	4	3	6	6	..	15	12	3
	Rishra	3	3	..	1	..	1	..	..	..	4	3	1
	Uttarpara	2	1	1	1	..	1	1	1	..	4	2	2
	Kotrang	1	..	1	1	1	..	1	1	..	3	2	1

27—contd.

West Bengal during the Decennium 1951-60

During the 2nd & 3rd months			During the 4th to 6th months			During the 7th to 12th months			Total			Grand total (Under 1 year)		
Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
1955—*contd.*														
4	2	2	1	..	1	3	2	1	8	4	4	73	36	37
..	..	..	1	..	1	1	1	..	2	1	1	20	15	5
..	..	..	1	..	1	2	1	1	3	1	2	5	2	3
1	1	..	..	..	..	3	1	2	4	2	2	38	22	16
1	..	1	..	..	..	..	..	..	1	..	1	3	2	1
1	..	1	1	1	..	17	10	7	19	11	8	130	71	59
1	1	..	1	..	1	3	2	1	5	3	2	11	8	3
..	..	..	..	..	..	..	..	..	..	..	..	1	1	..
..	..	..	..	..	..	..	..	..	..	..	..	2	..	2
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2	2	..	..	..	..	..	..	..	2	2	..	6	2	4
..	..	..	2	2	...	3	2	1	5	4	1	45	28	17
9	1	8	5	4	1	5	2	3	19	7	12	88	53	35
4	2	2	..	..	..	2	1	1	6	3	3	7	4	3
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3	1	2	4	3	1	6	4	2	13	8	5	48	24	24
..	..	..	3	2	1	..	..	..	3	2	1	20	14	6
50	25	25	47	25	22	57	33	24	154	83	71	248	141	107
36	23	13	24	11	13	32	18	14	92	52	40	187	111	76
..	..	..	14	9	5	13	7	6	27	16	11	43	25	18
..	..	..	1	..	1	..	..	..	1	..	1	1	..	1
2	2	..	..	..	..	3	3	..	5	5	..	8	7	1
1	1	..	1	..	1	..	..	..	2	1	1	4	2	2
1	1	..	3	1	2	..	..	..	4	2	2	7	3	4
3	1	2	..	..	..	2	1	1	5	2	3	9	6	3
1	1	..	..	..	..	3	2	1	4	3	1	12	7	5
..	..	..	..	..	..	1	1	..	1	1	..	1	1	..
..	..	..	1	1	..	5	3	2	6	4	2	8	5	3
5	3	2	1	..	1	..	..	..	6	3	3	10	5	5
..	..	..	5	2	3	1	..	1	6	2	4	10	4	6
27	14	13	37	20	17	34	16	18	98	50	48	202	101	101
33	16	17	19	8	11	49	22	27	101	46	55	187	99	88
3	2	1	2	..	2	4	1	3	9	3	6	13	5	8
73	45	28	52	32	20	107	51	56	232	128	104	508	307	201
2	1	1	..	..	...	5	1	4	7	2	5	10	4	6
1	..	1	1	..	1	6	5	1	8	5	3	13	6	7
49	25	24	46	26	20	48	24	24	143	75	68	308	167	141
23	13	10	19	8	11	45	24	21	87	45	42	124	69	55
..	..	..	..	..	..	..	..	..	..	..	..	2	1	1
1	..	1	1	..	1	1	1	..	3	1	2	6	3	3
4	..	4	4	3	1	8	4	4	16	7	9	27	12	15
1	1	..	1	1	..	1	1	..	3	3	..	13	9	4
..	..	..	..	..	..	..	..	..	..	..	..	7	3	4
1,540	784	756	1,190	604	586	1,806	868	938	4,536	2,256	2,280	9,271	5,038	4,233
..	..	..	687	345	42	444	207	237	1,131	552	579	2,208	1,183	1,025
1	1	..	10	5	35	7	3	4	18	9	9	31	15	16
24	14	10	27	16	11	39	16	23	90	46	44	162	92	70
5	3	2	2	2	..	1	1	..	8	6	2	11	7	4
4	4	..	3	3	..	5	3	2	12	10	2	29	22	7
51	30	21	58	25	33	72	33	39	181	88	93	372	207	165
1	..	1	5	4	1	5	4	1	11	8	3	26	20	6
5	2	3	1	1	..	1	1	..	7	4	3	11	7	4
..	...	..	1	..	1	1	..	1	2	..	2	6	2	4
4	1	3	1	..	1	2	1	1	7	2	5	10	4	6

TABLE

Infant Deaths by Age and Sex in Towns of

District	Town	Within 1st 24 hours after birth			After 24 hours to the end of the 1st week			From the beginning of the 2nd week to the end of the 1st month			Total		
		Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
1	2	3	4	5	6	7	8	9	10	11	12	13	14
													YEAR
Hooghly—*contd.*	Bhadreswar	3	2	1	4	3	1	5	4	1	12	9	3
	Chanpdani	..	..	..	1	..	1	..	..	..	1	..	1
	Konnagar	1	..	1	1	..	1	6	3	3	8	3	5
Burdwan	Burdwan	2	..	2	..	..	..	..	..	..	2	..	2
	Kalna	1	1	..	27	12	15	15	6	9	43	19	24
	Katwa	..	..	..	8	5	3	..	..	..	8	5	3
	Dainhat	..	..	..	..	..	..	..	..	..	..	..	..
	Raniganj	..	..	..	5	1	4	1	..	1	6	1	5
	Asansol	..	..	..	..	..	..	..	..	..	..	..	..
Birbhum	Suri	8	4	4	20	12	8	2	..	2	30	16	14
	Bolpur	8	4	4	3	1	2	..	..	..	11	5	6
	Rampurhat	1	1	..	..	..	..	2	1	1	3	2	1
Bankura	Bankura	3	3	..	3	2	1	1	1	..	7	6	1
	Bishnupur	..	..	..	3	2	1	2	..	2	5	2	3
	Sonamukhi	1	1	..	3	1	2	2	1	1	6	3	3
Midnapore	Midnapur	9	5	4	8	7	1	2	1	1	19	13	6
	Ghatal	2	1	1	2	..	2	4	1	3	8	2	6
	Kharar	..	..	..	..	..	..	..	..	..	..	..	..
	Chandrakona	6	5	1	7	3	4	4	3	1	17	11	6
	Ramjibanpur	..	..	..	2	2	..	2	1	1	4	3	1
	Kshirpai	3	2	1	6	4	2	4	..	4	13	6	7
	Tamluk	..	..	..	1	1	..	..	..	..	1	1	..
Purulia		*	*	*	*	*	*	*	*	*	*	*	*
													YEAR
Darjeeling	Darjeeling	1	1	..	15	9	6	5	2	3	21	12	9
	Kurseong	4	2	2	7	3	4	11	6	5	22	11	11
	Kalimpong	5	3	2	14	8	6	6	3	3	25	14	11
	Siliguri	11	4	7	10	7	3	1	1	..	22	12	10
Jalpaiguri	Jalpaiguri	..	..	..	1	1	..	..	..	..	1	1	..
Cooch Behar	Cooch Behar	19	9	10	16	8	8	2	1	1	37	18	19
West Dinajpur	Balurghat	13	7	6	12	5	7	3	3	..	28	15	13
	Rayganj	1	1	..	..	..	..	..	..	..	1	1	..
Malda	English Bazar	18	8	10	14	9	5	1	1	..	33	18	15
	Old Malda	..	..	..	1	1	..	..	..	..	1	1	..
Murshidabad	Baharampur	97	58	39	5	4	1	17	12	5	119	74	45
	Murshidabad	8	5	3	6	4	2	3	2	1	17	11	6
	Jiaganj-Azimganj	..	..	..	7	5	2	1	..	1	8	5	3
	Kandi	1	1	..	..	..	..	1	1	..	2	2	..
	Jangipur	..	..	..	3	2	1	1	..	1	4	2	2
	Dhulian	..	..	..	2	..	2	1	1	..	3	1	2
Nadia	Krishnanagar	10	5	5	4	2	2	..	..	..	14	7	7
	Nabadwip	17	9	8	44	33	11	12	6	6	73	48	25
	Ranaghat	4	2	2	..	..	..	1	..	1	5	2	3
	Birnagar	..	..	..	..	..	..	..	..	..	..	..	..
	Santipur	11	4	7	5	2	3	4	3	1	20	9	11
	Chakdaha	7	5	2	7	3	4	..	..	..	14	8	6

*Figures are not available.

27—*contd.*

West Bengal during the Decennium 1951-60

During the 2nd & 3rd months			Durind the 4th to 6th months			During the 7th to 12th months			Total			Grand total (Under 1 year)		
Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
1955—*concld.*														
8	4	4	2	1	1	6	4	2	16	9	7	28	18	10
2	1	1	3	..	3	4	2	2	9	3	6	10	3	7
2	1	1	3	3	..	5	3	2	10	7	3	18	10	8
1	..	1	..	..	..	..	..	..	1	..	1	3	..	3
6	4	2	14	2	12	10	5	5	30	11	19	73	30	43
..	..	..	..	..	..	1	1	..	1	1	..	9	6	3
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2	1	1	4	3	1	6	2	4	12	6	6	18	7	11
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1	1	..	1	1	..	1	..	1	3	2	1	33	18	15
..	..	..	..	..	..	..	..	..	..	..	..	11	5	6
..	..	..	1	1	..	1	..	1	2	1	1	5	3	2
1	1	..	2	1	1	6	1	5	9	3	6	16	9	7
1	1	..	3	1	2	4	2	2	8	4	4	13	6	7
7	6	1	3	3	..	5	2	3	15	11	4	21	14	7
4	3	1	9	6	3	5	1	4	18	10	8	37	23	14
10	6	4	..	..	..	3	1	2	13	7	6	21	9	12
1	..	1	..	..	..	..	..	..	1	..	1	1	..	1
2	..	2	1	1	..	1	..	1	4	1	3	21	12	9
1	..	1	..	..	..	..	..	..	1	..	1	5	3	2
5	1	4	..	..	..	..	..	..	5	1	4	18	7	11
2	1	1	1	..	1	3	1	2	6	2	4	7	3	4
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
1956														
3	3	..	1	..	1	8	3	5	12	6	6	33	18	15
5	4	1	5	5	..	6	3	3	16	12	4	38	23	15
5	3	2	1	1	..	4	3	1	10	7	3	35	21	14
..	..	..	1	..	1	..	..	..	1	..	1	23	12	11
1	1	..	..	..	..	2	..	2	3	1	2	4	2	2
1	..	1	4	1	3	2	1	1	7	2	5	44	20	24
1	1	..	..	..	..	..	..	..	1	1	..	29	16	13
..	..	..	2	1	1	..	..	..	2	1	1	3	2	1
1	1	..	1	..	1	4	2	2	6	3	3	39	21	18
..	..	..	..	..	..	..	..	..	..	..	..	1	1	..
11	4	7	10	5	5	23	9	14	44	18	26	163	92	71
3	1	2	2	1	1	4	2	2	9	4	5	26	15	11
4	2	2	1	..	1	4	2	2	9	4	5	17	9	8
..	..	..	..	..	..	1	..	1	1	..	1	3	2	1
5	3	2	..	..	..	..	..	..	5	3	2	9	5	4
1	..	1	..	..	..	2	..	2	3	..	3	6	1	5
6	4	2	1	1	..	7	6	1	14	11	3	28	18	10
8	3	5	3	..	3	14	5	9	25	8	17	98	56	42
..	..	..	1	1	..	1	1	..	2	2	..	7	4	3
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4	2	2	4	1	3	8	3	5	16	6	10	36	15	21
..	..	..	..	..	..	1	..	1	1	..	1	15	8	7

TABLE

Infant Deaths by Age and Sex in Towns of

District	Town	Within 1st 24 hours after birth			After 24 hours to the end of the 1st week			From the beginning of the 2nd week to the end of the 1st month			Total		
		Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
1	2	3	4	5	6	7	8	9	10	11	12	13	14
													YEAR
24-Pargana	South Suburban	20	13	7	32	18	14	70	41	29	122	72	50
	Garden Reach	7	5	2	35	22	13	22	13	9	64	40	24
	Budge-Budge	4	3	1	3	..	3	3	2	1	10	5	5
	Baruipur	..	..	..	..	..	..	1	..	1	1	..	1
	Rajpur	..	..	..	..	..	..	..	..	..	..	..	..
	Jaynagar Majilpur	..	..	..	4	4	..	..	..	..	4	4	..
	Dum Dum	..	..	..	1	1	..	..	..	..	1	1	..
	North Dum-Dum	..	..	..	..	..	..	2	1	1	2	1	1
	South Dum-Dum	..	..	..	1	..	1	..	..	..	1	..	1
	Khardaha	..	..	..	..	..	..	..	..	..	..	..	..
	Panihati	10	6	4	14	6	8	10	5	5	34	17	17
	Garulia	3	2	1	6	3	3	1	..	1	10	5	5
	North Barrackpur	..	..	..	1	1	..	2	1	1	3	2	1
	Barrackpur Cantonment	10	6	4	14	9	5	9	7	2	33	22	11
	Titagar	3	3	..	43	23	20	33	25	8	79	51	28
	Naihati	..	..	..	2	..	2	1	..	1	3	..	3
	Bhatpara	18	10	8	138	75	63	123	67	56	279	152	127
	Halisahar	3	2	1	3	2	1	..	..	..	6	4	2
	Kanchrapara	2	2	..	5	1	4	1	1	..	8	4	4
	Baranagar	31	17	14	34	22	12	61	33	28	126	72	54
	Kamarhati	5	5	..	15	10	5	28	19	9	48	34	14
	Barasat	..	..	..	4	..	4	1	1	..	5	1	4
	Gobardanga	..	..	..	..	..	..	..	..	..	..	..	..
	Bangaon	4	1	3	2	1	1	..	..	..	6	2	4
	Basirhat	3	1	2	..	..	..	1	..	1	4	1	3
	Taki	..	..	..	5	2	3	..	..	..	5	2	3
	Baduria	1	..	1	7	6	1	2	2	..	10	8	2
Calcutta	Calcutta	941	522	419	2,336	1,309	1,027	1,689	916	773	4,966	2,747	2,219
Howrah	Howrah	..	..	..	677	388	289	458	246	212	1,135	634	501
	Baly	..	..	..	1	..	1	1	1	..	2	1	1
Hooghly	Hooghly-Chinsura	23	15	8	34	19	15	24	15	9	81	49	32
	Bansbaria	..	..	..	2	1	1	1	1	..	3	2	1
	Arambagh	7	5	2	5	1	4	3	2	1	15	8	7
	Serampore	64	31	33	65	30	35	55	26	29	184	87	97
	Baidyabati	4	..	4	4	2	2	4	2	2	12	4	8
	Rishra	..	..	..	1	..	1	2	..	2	3	..	3
	Uttarpara	..	..	..	..	..	..	1	1	..	1	1	..
	Kotrang	..	..	..	..	..	..	3	2	1	3	2	1
	Bhadreswar	4	3	1	3	1	2	6	3	3	13	7	6
	Chanpdani	..	..	..	..	..	..	..	..	..	..	..	..
	Konnagar	1	1	..	2	1	1	1	..	1	4	2	2
	Chandannagar	48	34	14	40	26	14	33	17	16	121	77	44
Burdwan	Burdwan	..	..	..	..	..	..	..	..	..	..	..	..
	Kalna	..	..	..	17	9	8	9	5	4	26	14	12
	Katwa	1	..	1	20	15	5	2	2	..	23	17	6
	Dainhat	..	..	..	..	..	..	..	..	..	..	..	..
	Raniganj	1	..	1	3	3	..	1	1	..	5	4	1
	Asansol	..	..	..	..	..	..	..	..	..	..	..	..
Birbhum	Suri	17	6	11	21	10	11	1	1	..	39	17	22
	Bolpur	19	12	7	..	..	..	1	1	..	20	13	7
	Rampurhat	..	..	..	..	..	..	1	1	..	1	1	..
Bankura	Bankura	2	2	..	1	1	..	..	..	..	3	3	..
	Bishnupur	..	..	..	5	3	2	1	1	..	6	4	2
	Sonamukhi	3	3	..	4	3	1	3	..	3	10	6	4

27—*contd.*

West Bengal during the Decennium 1951-60

During the 2nd & 3rd months			During the 4th to 6th months			During the 7th to 12th months			Total			Grand total (Under 1 year)		
Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
1956—*contd.*														
66	34	32	51	25	26	35	14	21	152	73	79	274	145	129
27	11	16	24	8	16	32	20	12	83	39	44	147	79	68
3	3	..	6	4	2	4	1	3	13	8	5	23	13	10
2	1	1	..	..	..	1	1	..	3	2	1	4	2	2
1	1	..	1	..	1	1	1	..	3	2	1	3	2	1
..	..	..	..	..	..	6	1	5	6	1	5	10	5	5
1	..	1	..	..	..	1	1	..	2	1	1	3	2	1
1	1	..	..	..	..	..	..	..	1	1	..	3	2	1
..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
1	1	..	..	..	..	..	..	..	1	1	..	1	1	..
11	2	9	9	2	7	29	12	17	49	16	33	83	33	50
..	..	..	3	2	1	5	4	1	8	6	2	18	11	7
2	2	..	2	..	2	2	2	..	6	4	2	9	6	3
7	4	3	9	6	3	12	7	5	28	17	11	61	39	22
31	14	17	19	10	9	46	21	25	96	45	51	175	96	79
4	2	2	..	..	..	5	2	3	9	4	5	12	4	8
80	44	36	55	27	28	68	31	37	203	102	101	482	254	228
..	..	..	1	1	..	1	..	1	2	1	1	8	5	3
1	..	1	..	..	..	4	1	3	5	1	4	13	5	8
63	31	32	46	18	28	38	20	18	147	69	78	273	141	132
36	24	12	32	19	13	51	27	24	119	70	49	167	104	63
..	..	..	..	..	..	..	..	..	..	..	..	5	1	4
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1	..	1	4	2	2	4	4	..	9	6	3	15	8	7
1	1	..	3	2	1	5	3	2	9	6	3	13	7	6
..	..	..	1	..	1	1	..	1	2	..	2	7	2	5
2	1	1	..	..	..	2	2	..	4	3	1	14	11	3
1,503	820	683	1,159	564	595	1,746	830	916	4,408	2,214	2,194	9,374	4,961	4,413
..	..	..	673	334	339	409	180	229	1,082	514	568	2,217	1,148	1,069
5	3	2	7	4	3	6	2	4	18	9	9	20	10	10
23	13	10	27	15	12	26	16	10	76	44	32	157	93	64
..	..	..	3	1	2	4	3	1	7	4	3	10	6	4
5	4	1	3	..	3	8	7	1	16	11	5	31	19	12
55	28	27	30	13	17	43	19	24	128	60	68	312	147	165
6	3	3	4	..	4	4	2	2	14	5	9	26	9	17
1	1	..	1	1	..	1	1	..	3	3	..	6	3	3
..	..	..	..	..	..	1	..	1	1	..	1	2	1	1
3	1	2	..	..	..	1	..	1	4	1	3	7	3	4
4	3	1	1	1	..	1	..	1	6	4	2	19	11	8
1	1	..	..	..	..	2	1	1	3	2	1	3	2	1
..	..	..	1	1	..	3	1	2	4	2	2	8	4	4
18	11	7	34	20	14	22	13	9	74	44	30	195	121	74
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
11	5	6	6	2	4	5	3	2	22	10	12	48	24	24
..	..	..	..	..	..	2	..	2	2	..	2	25	17	8
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3	3	..	4	2	2	2	1	1	9	6	3	14	10	4
..	..	..	..	..	..	1	..	1	1	..	1	1	..	1
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2	..	2	..	..	..	..	..	..	2	..	2	39	17	22
..	..	..	..	..	..	..	..	..	..	..	..	22	13	9
..	..	..	..	..	..	..	..	..	..	..	..	1	1	..
1	1	..	2	1	1	5	4	1	8	6	2	11	9	2
1	..	1	3	2	1	3	..	3	7	2	5	13	6	7
3	1	2	2	1	1	1	..	1	6	2	4	16	8	8

TABLE

Infant Deaths by Age and Sex in Towns of

District	Town	Within 1st 24 hours after birth			After 24 hours to the end of the 1st week			From the beginning of the 2nd week to the end of the 1st month			Total		
		Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
1	2	3	4	5	6	7	8	9	10	11	12	13	14
													YEAR
Midnapore	Midnapur	19	16	3	30	18	12	7	3	4	56	37	19
	Ghatal	..	..	..	5	3	2	6	5	1	11	8	3
	Kharar	..	..	..	..	..	..	..	..	..	..	..	..
	Chandrakona	1	..	1	4	2	2	3	2	1	8	4	4
	Ramjibanpur	..	..	..	2	1	1	1	1	..	3	2	1
	Kshirpai	1	1	..	2	2	..	1	1	..	4	4	..
	Tamluk	1	..	1	..	..	..	1	1	..	2	1	1
	Kharagpur	3	..	3	..	..	..	2	2	..	5	2	3
Purulia	Purulia	..	..	..	..	..	..	..	..	..	..	..	..
													YEAR
Darjeeling	Darjeeling	7	5	2	28	18	10	13	8	5	48	31	17
	Kurseong	..	..	..	10	5	5	12	8	4	22	13	9
	Kalimpong	11	4	7	12	6	6	11	6	5	34	16	18
	Siliguri	31	16	15	9	8	1	..	..	..	40	24	16
Jalpaiguri	Jalpaiguri	..	..	..	..	..	..	1	1	..	1	1	..
Cooch Behar	Cooch Behar	14	8	6	14	9	5	1	..	1	29	17	12
West Dinajpur	Balurghat	6	6	..	5	2	3	..	..	..	11	8	3
	Rayganj	..	..	..	..	..	..	..	..	..	..	..	..
Malda	English Bazar	13	5	8	16	10	6	3	2	1	32	17	15
	Old Malda	..	..	..	1	..	1	..	..	..	1	..	1
Murshidabad	Baharampur	86	43	43	8	2	6	15	11	4	109	56	53
	Murshidabad	6	4	2	5	..	5	1	..	1	12	4	8
	Jiaganj-Azimganj	1	1	..	6	5	1	4	1	3	11	7	4
	Kandi	1	..	1	2	..	2	..	..	..	3	..	3
	Jangipur	1	1	..	2	1	1	1	1	..	4	3	1
	Dhulian	..	..	..	1	..	1	..	..	..	1	..	1
Nadia	Krishnanagar	7	4	3	17	8	9	3	1	2	27	13	14
	Nabadwip	10	5	5	31	20	11	2	2	..	43	27	16
	Ranaghat	1	1	..	..	..	..	1	1	..	2	2	..
	Birnagar	..	..	..	..	..	..	..	..	..	..	..	..
	Santipur	20	13	7	8	4	4	6	2	4	34	19	15
	Chakdaha	5	2	3	6	4	2	1	1	..	12	7	5
24-Parganas	South Suburban	17	9	8	28	15	13	60	27	33	105	51	54
	Garden Reach	8	5	3	32	25	7	24	14	10	64	44	20
	Budge-Budge	2	2	..	3	2	1	5	2	3	10	6	4
	Baruipur	..	..	..	..	..	..	1	1	..	1	1	..
	Rajpur	1	..	1	..	..	..	..	..	..	1	..	1
	Jaynagar Majilpur	4	3	1	5	3	2	1	1	..	10	7	3
	Dum-Dum	..	..	..	..	..	..	1	..	1	1	..	1
	North Dum-Dum	..	..	..	2	2	..	..	..	..	2	2	..
	South Dum-Dum	..	..	..	2	2	..	3	..	3	5	2	3
	Khardaha	..	..	..	..	..	..	..	..	..	..	..	..
	Panihati	18	6	12	10	3	7	9	4	5	37	13	24
	Garulia	1	1	..	4	4	..	4	3	1	9	8	1
	North Barrackpur	..	..	..	..	..	..	2	1	1	2	1	1
	Barrackpur Cantonment	18	9	9	16	8	8	31	21	10	65	38	27
	Titagar	2	2	..	21	10	11	50	28	22	73	40	33
	Naihati	..	..	..	1	1	..	..	..	..	1	1	..
	Bhatpara	29	21	8	109	76	33	87	51	36	225	148	77
	Halisahar	1	..	1	2	2	..	1	1	..	4	3	1

27—*contd.*

West Bengal during the Decennium in 1951-60

During the 2nd & 3rd months			During the 4th to 6th months			During the 7th to 12th months			Total			Grand total (Under 1 year)		
Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
1956—*concld.*														
2	1	1	6	3	3	4	2	2	12	6	6	68	43	25
1	1	..	..	..	..	4	2	2	5	3	2	16	11	5
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4	2	2	2	2	..	1	..	1	7	4	3	15	8	7
3	3	..	3	2	1	2	1	1	8	6	2	11	8	3
3	1	2	3	..	3	4	3	1	10	4	6	14	8	6
..	..	..	1	..	1	1	..	1	2	..	2	4	1	3
1	1	..	1	..	1	2	1	1	4	2	2	9	4	5
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1957														
6	5	1	10	6	4	10	5	5	26	16	10	74	47	27
8	3	5	1	1	..	3	1	2	12	5	7	34	18	16
7	5	2	2	2	..	3	3	..	12	10	2	46	26	20
3	2	1	..	..	..	6	3	3	9	5	4	49	29	20
..	..	..	2	1	1	1	1	..	3	2	1	4	3	1
1	1	..	..	..	..	3	2	1	4	3	1	33	20	13
1	..	1	1	1	..	2	1	1	4	2	2	15	10	5
..	..	..	..	..	..	1	1	..	1	1	..	1	1	..
1	1	..	1	..	1	3	2	1	5	3	2	37	20	17
..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
9	4	5	16	10	6	49	23	26	74	37	37	183	93	90
4	2	2	4	1	3	3	1	2	11	4	7	23	8	15
1	..	1	4	3	1	14	6	8	19	9	10	30	16	14
..	..	..	..	..	..	..	..	..	..	..	..	3	..	3
2	1	1	3	3	..	5	3	2	10	7	3	14	10	4
5	..	5	..	..	..	..	..	..	5	..	5	6	..	6
1	1	..	2	..	2	..	..	..	3	1	2	30	14	16
4	2	2	2	..	2	10	4	6	16	6	10	59	33	26
1	..	1	14	9	5	1	1	..	16	10	6	18	12	6
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4	1	3	5	1	4	12	6	6	21	8	13	55	27	28
2	2	..	3	2	1	4	1	3	9	5	4	21	12	9
61	29	32	64	29	35	54	32	22	179	90	89	284	141	143
23	10	13	17	7	10	53	25	28	93	42	51	157	86	71
2	1	1	5	4	1	5	3	2	12	8	4	22	14	8
..	..	..	1	1	..	3	2	1	4	3	1	5	4	1
..	..	..	4	4	..	4	3	1	8	7	1	9	7	2
1	1	..	3	1	2	2	1	1	6	3	3	16	10	6
2	..	2	..	..	..	1	1	..	3	1	2	4	1	3
..	..	..	..	..	..	2	2	..	2	2	..	4	4	..
2	1	1	..	..	..	..	..	..	2	1	1	7	3	4
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
18	7	11	36	13	23	44	21	23	98	41	57	135	54	81
..	..	..	1	..	1	4	2	2	5	2	3	14	10	4
1	1	..	1	..	1	5	1	4	7	2	5	9	3	6
15	7	8	20	5	15	20	4	16	55	16	39	120	54	66
63	36	27	26	8	18	58	29	29	147	73	74	220	113	107
2	..	2	3	..	3	3	2	1	8	2	6	9	3	6
66	36	30	61	28	33	110	59	51	237	123	114	462	271	191
2	2	..	..	..	..	1	..	1	3	2	1	7	5	2

TABLE

Infant Deaths by Age and Sex in Towns of

District	Town	Within 1st 24 hours after birth			After 24 hours to the end of the 1st week			From the beginning of the 2nd week to the end of the 1st month			Total		
		Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
1	2	3	4	5	6	7	8	9	10	11	12	13	14
													YEAR
24-Parganas—*contd.*	Kanchrapara	5	4	1	5	2	3	..	..	..	10	6	4
	Baranagar	27	15	12	33	18	15	75	40	35	135	73	62
	Kamarhati	..	..	..	18	12	6	26	16	10	44	28	16
	Barasat	3	3	..	..	..	..	5	5	..	8	8	..
	Gobardanga	..	..	..	..	..	..	..	..	..	..	..	..
	Bangaon	1	1	..	7	4	3	2	1	1	10	6	4
	Basirhat	1	1	..	3	1	2	2	1	1	6	3	3
	Taki	2	2	..	4	..	4	1	1	..	7	3	4
	Baduria	..	..	..	2	1	1	..	..	..	2	1	1
Calcutta	Calcutta	862	511	351	1,899	1,092	807	1,663	936	727	4,424	2,539	1,885
Howrah	Howrah	..	..	..	575	337	238	383	201	182	958	538	420
	Baly	2	1	1	2	1	1	1	1	..	5	3	2
Hooghly	Hooghly-Chinsura	20	10	10	20	12	8	27	10	17	67	32	35
	Bansbaria	1	..	1	1	..	1	1	..	1	3	..	3
	Arambagh	6	3	3	3	3	..	3	1	2	12	7	5
	Serampore	51	27	24	56	30	26	51	33	18	158	90	68
	Baidyabati	2	1	1	5	3	2	4	2	2	11	6	5
	Rishra	..	..	..	5	2	3	..	..	..	5	2	3
	Uttarpara	..	..	..	..	..	..	1	..	1	1	..	1
	Kotrang	2	1	1	1	1	..	1	..	1	4	2	2
	Bhadreswar	2	1	1	3	2	1	3	3	..	8	6	2
	Chanpdani	4	4	..	2	1	1	1	1	..	7	6	1
	Konnagar	..	..	..	1	..	1	1	..	1	2	..	2
	Chandannagar	37	19	18	53	25	28	49	27	22	139	71	68
Burdwan	Burdwan	..	..	..	..	..	..	..	..	..	..	..	..
	Kalna	..	..	..	16	8	8	10	4	6	26	12	14
	Katwa	4	4	..	12	9	3	..	..	..	16	13	3
	Dainhat	..	..	..	..	..	..	..	..	..	..	..	..
	Raniganj	..	..	..	2	2	..	3	3	..	5	5	..
	Asansol	..	..	..	..	..	..	..	..	..	..	..	..
Birbhum	Suri	16	9	7	20	10	10	2	1	1	38	20	18
	Bolpur	10	8	2	3	3	..	..	..	..	13	11	2
	Rampurhat	2	2	..	1	1	..	..	..	..	3	3	..
Bankura	Bankura	5	3	2	2	..	2	..	..	..	7	3	4
	Bishnupur	..	..	..	2	1	1	1	1	..	3	2	1
	Sonamukhi	2	2	..	5	1	4	2	1	1	9	4	5
Midnapore	Midnapur	22	14	8	30	15	15	4	1	3	56	30	26
	Ghatal	..	..	..	..	..	..	3	1	2	3	1	2
	Kharar	..	..	..	..	..	..	..	..	..	..	..	..
	Chandrakona	5	3	2	7	4	3	3	2	1	15	9	6
	Ramjibanpur	2	1	1	3	1	2	6	4	2	11	6	5
	Kshirpai	1	..	1	4	2	2	3	2	1	8	4	4
	Tamluk	..	..	..	..	..	..	1	1	..	1	1	..
	Kharagpur	1	..	1	2	..	2	1	1	..	4	1	3
Purulia	Purulia	1	1	..	1	..	1	..	..	..	2	1	1
	Jhalda	..	..	..	1	1	..	..	..	..	1	1	..
	Raghunathpur	..	..	..	..	..	..	..	..	..	..	..	..
													YEAR
Darjeeling	Darjeeling	4	2	2	30	19	11	19	8	11	53	29	24
	Kurseong	3	3	..	12	5	7	11	5	6	26	13	13
	Kalimpong	7	7	..	11	5	6	8	3	5	26	15	11
	Siliguri	33	17	16	3	3	..	..	..	..	36	20	16

27—*contd.*

West Bengal during the Decennium 1951-60

During the 2nd & 3rd months			During the 4th to 6th months			During the 7th to 12th months			Total			Grand total (Under 1 year)		
Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
1957—*contd.*														
..	..	..	4	3	1	3	2	1	7	5	2	17	11	6
57	25	32	52	34	18	44	22	22	153	81	72	288	154	134
26	14	12	35	16	19	77	26	51	138	56	82	182	84	98
..	..	..	..	..	..	1	..	1	1	..	1	9	8	1
..	..	..	..	..	..	1	..	1	1	..	1	1	..	1
10	4	6	11	5	6	17	9	8	38	18	20	48	24	24
2	2	..	2	..	2	1	..	1	5	2	3	11	5	6
..	..	..	..	..	..	..	..	..	..	..	..	7	3	4
..	..	..	2	1	1	1	..	1	3	1	2	5	2	3
1,732	937	795	1,633	840	793	2,560	1,234	1,326	5,925	3,011	2,914	10,349	5,550	4,799
..	..	..	860	418	442	796	330	466	1,656	748	908	2,614	1,286	1,328
7	1	6	..	..	..	2	2	..	9	3	6	14	6	8
25	11	14	27	11	16	35	12	23	87	34	53	154	66	88
2	1	1	1	..	1	4	3	1	7	4	3	10	4	6
2	1	1	3	3	..	..	..	..	5	4	1	17	11	6
58	28	30	51	29	22	63	32	31	172	89	83	330	179	151
7	4	3	5	3	2	9	7	2	21	14	7	32	20	12
..	..	..	2	1	1	2	1	1	4	2	2	9	4	5
3	1	2	4	3	1	1	..	1	8	4	4	9	4	5
1	..	1	3	3	..	1	1	..	5	4	1	9	6	3
..	..	..	4	3	1	2	1	1	6	4	2	14	10	4
3	2	1	1	1	..	2	2	..	6	5	1	13	11	2
1	1	..	..	..	..	..	..	..	1	1	..	3	1	2
24	15	9	30	13	17	34	21	13	88	49	39	227	120	107
..	..	..	..	..	..	6	5	1	6	5	1	6	5	1
12	6	6	25	13	12	6	5	1	43	24	19	69	36	33
..	..	..	..	..	..	1	..	1	1	..	1	17	13	4
..	..	..	..	..	..	1	..	1	1	..	1	1	..	1
3	2	1	2	1	1	4	4	..	9	7	2	14	12	2
1	1	..	1	1	..	..	..	..	2	2	..	2	2	..
1	1	..	1	1	..	2	2	..	4	4	..	42	24	18
..	..	..	1	1	..	..	..	..	1	1	..	14	12	2
..	..	..	..	..	..	3	1	2	3	1	2	6	4	2
1	..	1	1	..	1	3	2	1	5	2	3	12	5	7
5	5	..	2	1	1	4	3	1	11	9	2	14	11	3
5	1	4	7	4	3	7	4	3	19	9	10	28	13	15
3	2	1	2	2	..	9	8	1	14	12	2	70	42	28
3	1	2	5	3	2	3	1	2	11	5	6	14	6	8
..	..	..	1	1	..	..	..	..	1	1	..	1	1	..
2	..	2	2	1	1	3	1	2	7	2	5	22	11	11
1	..	1	1	1	..	2	2	..	4	3	1	15	9	6
2	..	2	..	..	..	5	3	2	7	3	4	15	7	8
2	2	..	..	..	..	2	..	2	4	2	2	5	3	2
1	..	1	1	1	..	2	..	2	4	1	3	8	2	6
2	2	..	1	..	1	1	1	..	4	3	1	6	4	2
1	..	1	..	..	..	..	..	..	1	..	1	2	1	1
..	..	..	1	1	..	2	2	..	3	3	..	3	3	..
1958														
14	5	9	10	3	7	16	6	10	40	14	26	93	43	50
10	6	4	3	2	1	4	3	1	17	11	6	43	24	19
3	1	2	3	1	2	6	2	4	12	4	8	38	19	19
1	1	..	1	1	..	9	5	4	11	7	4	47	27	20

TABLE

Infant Deaths by Age and Sex in Towns of

District	Town	Within 1st 24 hours after birth			After 24 hours to the end of the 1st week			From the beginning of the 2nd week to the end of the 1st month			Total		
		Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
1	2	3	4	5	6	7	8	9	10	11	12	13	14
													YEAR
Jalpaiguri	Jalpaiguri	..	..	..	..	..	..	..	..	..	..	..	..
Cooch Behar	Cooch Behar	19	10	9	18	10	8	3	2	1	40	22	18
West Dinajpur	Balurghat	11	6	5	2	1	1	..	..	..	13	7	6
	Rayganj	..	..	..	..	..	..	..	..	..	..	..	..
Malda	English Bazar	18	11	7	13	3	10	2	2	..	33	16	17
	Old Malda	..	..	..	..	..	..	..	..	..	..	..	..
Murshidabad	Baharampur	89	55	34	14	9	5	9	4	5	112	68	44
	Murshidabad	10	6	4	..	..	..	2	1	1	12	7	5
	Jiaganj-Azimganj	..	..	..	1	1	..	2	..	2	3	1	2
	Kandi	1	1	..	..	..	..	2	1	1	3	2	1
	Jangipur	..	..	..	5	3	2	3	3	..	8	6	2
	Dhulian	..	..	..	1	1	..	..	..	..	1	1	..
Nadia	Krishnanagar	3	2	1	8	4	4	..	..	..	11	6	5
	Nabadwip	13	9	4	20	12	8	6	4	2	39	25	14
	Ranaghat	..	..	..	..	..	..	5	3	2	5	3	2
	Birnagar	..	..	..	..	..	..	..	..	..	..	..	..
	Santipur	11	4	7	3	3	..	8	6	2	22	13	9
	Chakdaha	11	3	8	4	3	1	1	1	..	16	7	9
24-Parganas	South Suburban	8	3	5	26	13	13	49	17	32	83	33	50
	Garden Reach	5	2	3	36	23	13	36	18	18	77	43	34
	Budge-Budge	12	8	4	9	3	6	5	1	4	26	12	14
	Baruipur	..	..	..	..	..	..	..	..	..	..	..	..
	Rajpur	..	..	..	1	1	..	..	..	..	1	1	..
	Jaynagar Majilpur	..	..	..	..	..	..	1	..	1	1	..	1
	Dum-Dum	..	..	..	1	..	1	..	..	..	1	..	1
	North Dum-Dum	..	..	..	..	..	..	2	2	..	2	2	..
	South Dum-Dum	..	..	..	1	..	1	..	..	..	1	..	1
	Khardaha	..	..	..	..	..	..	..	..	..	..	..	..
	Panihati	3	1	2	1	..	1	4	3	1	8	4	4
	Garulia	1	..	1	4	4	..	3	2	1	8	6	2
	North Barrackpur	..	..	..	1	..	1	1	..	1	2	..	2
	Barrackpur Cantonment	4	3	1	11	7	4	14	8	6	29	18	11
	Titagar	..	..	..	27	13	14	39	23	16	66	36	30
	Naihati	4	1	3	9	9	..	3	1	2	16	11	5
	Bhatpara	14	6	8	130	75	55	85	45	40	229	126	103
	Halisahar	2	2	..	2	1	1	..	..	..	4	3	1
	Kanchrapara	2	2	..	9	6	3	2	..	2	13	8	5
	Baranagar	24	12	12	39	27	12	51	20	31	114	59	55
	Kamarhati	..	..	..	4	2	2	12	5	7	16	7	9
	Barasat	..	..	..	6	5	1	1	1	..	7	6	1
	Gobardanga	1	1	..	..	..	..	..	..	..	1	1	..
	Bangaon	10	7	3	11	6	5	10	4	6	31	17	14
	Basirhat	1	1	..	5	5	..	4	2	2	10	8	2
	Taki	3	2	1	11	4	7	1	1	..	15	7	8
	Baduria	..	..	..	..	..	..	..	..	..	..	..	..
Calcutta	Calcutta	893	520	373	1,796	1,057	739	1,783	956	827	4,472	2,533	1,939
Howrah	Howrah	..	..	..	637	365	272	394	209	185	1,031	574	457
	Baly	..	..	..	12	7	5	11	7	4	23	14	9
Hooghly	Hooghly-Chinsura	16	11	5	30	14	16	21	12	9	67	37	30
	Bansbaria	..	..	..	1	..	1	4	3	1	5	3	2
	Arambagh	9	7	2	6	3	3	7	6	1	22	16	6

27—*contd.*

West Bengal during the Decennium 1951-60

During the 2nd & 3rd months			During the 4th to 6th months			During the 7th to 12th months			Total			Grand total (Under 1 year)		
Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
1958—*contd.*														
..	..	..	..	..	..	2	1	1	2	1	1	2	1	1
2	2	..	3	2	1	1	1	..	6	5	1	46	27	19
..	..	..	4	..	4	1	1	..	5	1	4	18	8	10
1	1	..	..	..	..	..	..	..	1	1	..	1	1	..
3	1	2	9	4	5	10	7	3	22	12	10	55	28	27
..	..	..	1	..	1	..	..	..	1	..	1	1	..	1
9	3	6	11	5	6	20	13	7	40	21	19	152	89	63
..	..	..	2	1	1	6	2	4	8	3	5	20	10	10
3	2	1	6	5	1	4	3	1	13	10	3	16	11	5
..	..	..	2	2	..	1	..	1	3	2	1	6	4	2
3	1	2	1	..	1	6	2	4	10	3	7	18	9	9
2	1	1	1	1	..	1	1	..	4	3	1	5	4	1
..	..	..	2	..	2	6	2	4	8	2	6	19	8	11
4	2	2	6	1	5	5	3	2	15	6	9	54	31	23
6	3	3	10	5	5	13	7	6	29	15	14	34	18	16
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
8	5	3	4	1	3	12	6	6	24	12	12	46	25	21
5	3	2	1	..	1	3	1	2	9	4	5	25	11	14
57	32	25	50	27	23	67	34	33	174	93	81	257	126	131
32	21	11	22	10	12	24	9	15	78	40	38	155	83	72
6	3	3	10	7	3	11	9	2	27	19	8	53	31	22
1	1	..	..	..	..	4	2	2	5	3	2	5	3	2
4	2	2	..	..	..	4	3	1	8	5	3	9	6	3
..	..	..	1	..	1	2	1	1	3	1	2	4	1	3
1	1	..	..	..	..	..	..	..	1	1	..	2	1	1
..	..	..	..	..	..	..	..	..	..	..	..	2	2	..
1	..	1	1	..	1	1	..	1	3	..	3	4	..	4
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
7	5	2	6	3	3	10	5	5	23	13	10	31	17	14
6	2	4	2	1	1	3	2	1	11	5	6	19	11	8
..	..	..	3	1	2	1	..	1	4	1	3	6	1	5
11	6	5	14	7	7	17	10	7	42	23	19	71	41	30
25	15	10	27	13	14	54	27	27	106	55	51	172	91	81
2	1	1	4	2	2	5	1	4	11	4	7	27	15	12
76	40	36	64	26	38	114	59	55	254	125	129	483	251	232
..	..	..	4	2	2	1	..	1	5	2	3	9	5	4
..	..	..	..	..	..	2	..	2	2	..	2	15	8	7
52	28	24	55	26	29	79	31	48	186	85	101	300	144	156
23	16	7	10	8	2	29	10	19	62	34	28	78	41	37
1	1	..	..	..	..	..	..	..	1	1	..	8	7	1
2	1	1	1	1	..	3	1	2	6	3	3	7	4	3
8	3	5	11	5	6	13	5	8	32	13	19	63	30	33
2	2	..	1	1	..	5	3	2	8	6	2	18	14	4
..	..	..	..	..	..	2	1	1	2	1	1	17	8	9
1	..	1	..	..	..	..	..	..	1	..	1	1	..	1
1,581	831	750	1,284	647	637	1,879	911	968	4,744	2,389	2,355	9,216	4,922	4,294
..	..	..	820	413	407	586	297	289	1,406	710	696	2,437	1,284	1,153
1	1	..	2	1	1	7	3	4	10	5	5	33	19	14
27	11	16	28	20	8	40	24	16	95	55	40	162	92	70
1	..	1	1	1	..	1	..	1	3	1	2	8	4	4
9	5	4	5	3	2	8	5	3	22	13	9	44	29	15

TABLE

Infant Deaths by Age and Sex in Towns of

District	Town	Within 1st 24 hours after birth			After 24 hours to the end of the 1st week			From the beginning of the 2nd week to the end of the 1st month			Total		
		Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
1	2	3	4	5	6	7	8	9	10	11	12	13	14
													YEAR
Hooghly—*contd.*	Serampore	37	22	15	59	34	25	44	28	16	140	84	56
	Baidyabati	1	..	1	2	2	..	..	..	..	3	2	1
	Rishra	..	..	..	..	..	..	1	..	1	1	..	1
	Uttarpara	..	..	..	1	..	1	..	..	..	1	..	1
	Kotrang	..	..	..	2	1	1	1	1	..	3	2	1
	Bhadreswar	1	..	1	2	1	1	2	1	1	5	2	3
	Chanpdani	..	..	..	3	2	1	2	2	..	5	4	1
	Konnagar	3	2	1	..	..	..	1	1	..	4	3	1
	Chandannagar	33	15	18	50	27	23	36	18	18	119	60	59
Burdwan	Burdwan	..	..	..	..	..	..	..	..	..	..	..	..
	Kalna	1	1	..	26	18	8	14	7	7	41	26	15
	Katwa	2	1	1	23	13	10	..	..	..	25	14	11
	Dainhat	..	..	..	..	..	..	..	..	..	..	..	..
	Raniganj	..	..	..	..	..	..	..	..	..	..	..	..
	Asansol	..	..	..	1	..	1	..	..	..	1	..	1
Birbhum	Suri	5	3	2	24	14	10	6	4	2	35	21	14
	Bolepur	9	5	4	10	7	3	..	..	..	19	12	7
	Rampurhat	5	1	4	2	1	1	..	..	..	7	2	5
Bankura	Bankura	4	3	1	3	1	2	1	1	..	8	5	3
	Bishnupur	..	..	..	8	3	5	1	..	1	9	3	6
	Sonamukhi	1	1	..	3	3	..	4	3	1	8	7	1
Midnapore	Midnapur	37	19	18	14	10	4	5	3	2	56	32	24
	Ghatal	..	..	..	..	..	..	..	..	..	..	..	..
	Kharar	..	..	..	..	..	..	..	..	..	..	..	..
	Chandrakona	5	4	1	8	7	1	7	4	3	20	15	5
	Ramjibanpur	3	1	2	..	..	..	3	2	1	6	3	3
	Kshirpai	2	1	1	6	4	2	4	3	1	12	8	4
	Tamluk	..	..	..	1	..	1	1	..	1	2	..	2
	Kharagpur	..	..	..	..	..	..	..	..	..	..	..	..
Purulia	Purulia	..	..	..	..	..	..	2	1	1	2	1	1
	Jhalda	..	..	..	2	1	1	4	3	1	6	4	2
	Raghunathpur	..	..	..	..	..	..	..	..	..	..	..	..
													YEAR
Darjeeling	Darjeeling	14	8	6	31	12	19	13	7	6	58	27	31
	Kalimpong	5	4	1	9	4	5	4	2	2	18	10	8
	Kurseong	4	2	2	7	5	2	8	3	5	19	10	9
	Siliguri	10	6	4	23	17	6	1	..	1	34	23	11
Jalpaiguri	Jalpaiguri	..	..	..	..	..	..	..	..	..	..	..	..
	Alipurduar	..	..	..	..	..	..	..	..	..	..	..	..
Cooch Behar	Cooch Behar	3	2	1	17	9	8	16	11	5	36	22	14
West Dinajpur	Balurghat	8	6	2	10	4	6	..	..	..	18	10	8
	Rayganj	..	..	..	..	..	..	..	..	..	..	..	..
Malda	English Bazar	10	4	6	6	3	3	2	1	1	18	8	10
	Old Malda	..	..	..	..	..	..	4	4	..	4	4	..
Murshidabad	Baharampur	32	25	7	39	18	21	16	11	5	87	54	33
	Murshidabad	5	2	3	9	5	4	3	2	1	17	9	8
	Jiaganj-Azimganj	2	1	1	1	1	..	6	4	2	9	6	3
	Kandi	..	..	..	..	..	..	..	..	..	..	..	..
	Jangipur	..	..	..	1	..	1	..	..	..	1	..	1
	Dhulian	..	..	..	2	1	1	1	1	..	3	2	1

27—*contd.*

West Bengal during the Decennium in 1951-60

During the 2nd & 3rd months			During the 4th to 6th months			During the 7th to 12th months			Total			Grand total (Under 1 year)		
Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
1958—*concld.*														
62	43	19	49	26	23	62	26	36	173	95	78	313	179	134
6	2	4	1	1	..	6	3	3	13	6	7	16	8	8
1	..	1	1	..	1	2	2	..	4	2	2	5	2	3
3	2	1	..	..	..	3	..	3	6	2	4	7	2	5
1	1	..	1	1	..	1	..	1	3	2	1	6	4	2
2	..	2	8	2	6	7	3	4	17	5	12	22	7	15
1	1	..	3	3	..	1	1	..	5	5	..	10	9	1
5	4	1	3	3	..	..	..	..	8	7	1	12	10	2
47	26	21	36	22	14	53	38	15	136	86	50	255	146	109
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
7	3	4	13	5	8	14	11	3	34	19	15	75	45	30
..	..	..	..	..	..	..	..	..	..	..	..	25	14	11
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1	..	1	3	..	3	4	2	2	8	2	6	8	2	6
1	1	..	1	..	1	3	..	3	5	1	4	6	1	5
2	2	..	1	1	..	2	1	1	5	4	1	40	25	15
..	..	..	..	..	..	..	..	..	..	..	..	19	12	7
..	..	..	..	..	..	1	..	1	1	..	1	8	2	6
2	1	1	1	1	..	1	1	..	4	3	1	12	8	4
1	1	..	8	2	6	3	3	..	12	6	6	21	9	12
2	2	..	2	1	1	4	..	4	8	3	5	16	10	6
..	..	..	2	..	2	9	4	5	11	4	7	67	36	31
4	1	3	1	1	..	7	4	3	12	6	6	12	6	6
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1	1	..	1	1	..	3	1	2	5	3	2	25	18	7
5	2	3	1	1	..	4	3	1	10	6	4	16	9	7
1	1	..	1	1	..	4	..	4	6	2	4	18	10	8
1	1	..	..	..	..	1	1	..	2	2	..	4	2	2
1	..	1	..	..	..	1	1	..	2	1	1	2	1	1
2	2	..	..	..	..	7	4	3	9	6	3	11	7	4
..	..	..	..	..	..	1	1	..	1	1	..	7	5	2
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1959														
11	6	5	8	6	2	24	14	10	43	26	17	101	53	48
2	..	2	..	..	..	12	6	6	14	6	8	32	16	16
1	..	1	4	3	1	10	5	5	15	8	7	34	18	16
1	1	..	1	1	..	4	2	2	6	4	2	40	27	13
..	..	..	2	..	2	1	1	..	3	1	2	3	1	2
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
30	20	10	8	4	4	25	18	7	63	42	21	99	64	35
1	1	..	2	2	..	..	..	..	3	3	..	21	13	8
..	..	..	1	..	1	..	..	..	1	..	1	1	..	1
1	1	..	3	2	1	4	3	1	8	6	2	26	14	12
1	1	..	..	..	..	1	1	..	2	2	..	6	6	..
6	4	2	10	6	4	21	11	10	37	21	16	124	75	49
2	1	1	3	2	1	..	..	..	5	3	2	22	12	10
2	1	1	7	5	2	16	10	6	25	16	9	34	22	12
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	1	1	..	..	..	..	1	1	..	2	1	1
1	1	..	3	2	1	4	3	1	8	6	2	11	8	3

TABLE

Infant Deaths by Age and Sex in Towns of

District	Town	Within 1st 24 hours after birth			After 24 hours to the end of the 1st week			From the beginning of the 2nd week to the end of the 1st month			Total		
		Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
1	2	3	4	5	6	7	8	9	10	11	12	13	14
													YEAR
Nadia	Krishnanagar	..	..	..	4	2	2	3	2	1	7	4	3
	Nabadwip	6	4	2	7	6	1	..	..	..	13	10	3
	Ranaghat	..	..	..	3	2	1	5	4	1	8	6	2
	Birnagar	..	..	..	..	..	..	..	..	..	..	..	..
	Santipur	7	5	2	14	5	9	4	1	3	25	11	14
	Chakdaha	3	1	2	9	5	4	3	1	2	15	7	8
24-Parganas	South Suburban	10	4	6	35	19	16	29	18	11	74	41	33
	Garden Reach	9	8	1	43	26	17	30	19	11	82	53	29
	Budge-Budge	2	1	1	10	5	5	12	9	3	24	15	9
	Baruipur	..	..	..	..	..	..	..	..	..	..	..	..
	Rajpur	..	..	..	..	..	..	..	..	..	..	..	..
	Jaynagar Majilpur	2	1	1	..	..	..	..	..	..	2	1	1
	Dum-Dum	..	..	..	..	..	..	1	..	1	1	..	1
	North Dum-Dum	..	..	..	..	..	..	..	..	..	..	..	..
	South Dum-Dum	..	..	..	..	..	..	..	..	..	..	..	..
	Khardaha	..	..	..	..	..	..	..	..	..	..	..	..
	Panihati	2	1	1	35	22	13	26	14	12	63	37	26
	Barrackpur	2	1	1	20	15	5	39	24	15	61	40	21
	Titagar	1	..	..	19	11	8	5	5	..	24	16	8
	Naihati	4	4	..	1	..	1	3	2	1	8	6	2
	Bhatpara	6	3	3	55	28	27	32	13	19	93	44	49
	Halisahar	..	..	..	1	1	..	..	..	..	1	1	..
	Kanchrapara	2	2	..	3	2	1	2	..	2	7	4	3
	Garulia	..	..	..	..	..	..	..	..	..	..	..	..
	North Barrackpur	..	..	..	2	1	1	1	1	..	3	2	1
	Baranagar	18	10	8	41	23	18	44	21	23	103	54	49
	Kamarhati	..	..	..	3	2	1	4	3	1	7	5	2
	Barasat	..	..	..	..	..	..	..	..	..	..	..	..
	Gobardanga	..	..	..	..	..	..	1	1	..	1	1	..
	Bangaon	2	..	2	8	7	1	4	4	..	14	11	3
	Basirhat	..	..	..	..	..	..	..	..	..	..	..	..
	Taki	..	..	..	2	..	2	1	1	..	3	1	2
	Baduria	..	..	..	2	1	1	..	..	..	2	1	1
Calcutta	Calcutta	801	479	322	1,974	1,171	803	1,890	1,081	809	4,665	2,731	1,934
Howrah	Howrah	160	91	69	323	185	138	292	158	134	775	434	341
	Bally	..	..	..	..	..	..	..	..	..	..	..	..
Hooghly	Hooghly-Chinsura	..	..	..	..	..	..	..	..	..	..	..	..
	Bansbaria	..	..	..	..	..	..	..	..	..	..	..	..
	Serampore	13	7	6	50	24	26	51	31	20	114	62	52
	Baidyabati	..	..	..	..	..	..	..	..	..	..	..	..
	Rishra	..	..	..	..	..	..	..	..	..	..	..	..
	Uttarpara	1	..	1	1	..	1	1	..	1	3	..	3
	Kotrang	..	..	..	..	..	..	..	..	..	..	..	..
	Konnagar	..	..	..	1	..	1	..	..	..	1	..	1
	Bhadreswar	3	1	2	2	1	1	1	..	1	6	2	4
	Chanpdani	..	..	..	1	1	..	4	4	..	5	5	..
	Chandannagar	..	..	..	..	..	..	..	..	..	..	..	..
	Arambagh	5	2	3	..	..	..	2	..	2	7	2	5
Burdwan	Burdwan	..	..	..	..	..	..	..	..	..	..	..	..
	Kalna	9	2	7	9	5	4	11	6	5	29	13	16
	Katwa	5	4	1	20	12	8	3	3	..	28	19	9
	Dainhat	..	..	..	..	..	..	..	..	..	..	..	..
	Asansol	1	1	..	4	2	2	4	2	2	4	2	2
	Raniganj	1	1	..	4	2	2	1	1	..	6	4	2

27—*contd.*

West Bengal during the Decennium 1951-60

During the 2nd & 3rd months			During the 4th to 6th months			During the 7th to 12th months			Total			Grand total (Under 1 year)		
Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
1959—*contd.*														
4	2	2	1	..	1	3	1	2	8	3	5	15	7	8
1	1	..	4	3	1	7	5	2	12	9	3	25	19	6
5	4	1	1	..	1	10	5	5	16	9	7	24	15	9
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
11	4	7	6	3	3	9	2	7	26	9	17	51	20	31
..	..	..	1	..	1	6	4	2	7	4	3	22	11	11
37	18	19	23	14	9	22	7	15	82	39	43	156	80	76
23	16	7	25	16	9	38	19	19	86	51	35	168	104	64
3	..	3	6	2	4	10	4	6	19	6	13	43	21	22
1	1	..	..	..	..	2	1	1	3	2	1	3	2	1
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	2	1	1
1	1	..	1	..	1	3	1	2	5	2	3	6	2	4
..	..	..	..	..	..	1	1	..	1	1	..	1	1	..
1	1	..	..	..	..	..	..	..	1	1	..	1	1	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
30	15	15	29	14	15	69	39	30	128	68	60	191	105	86
37	17	20	12	10	2	35	10	25	84	37	47	145	77	68
13	8	5	17	10	7	15	8	7	45	26	19	69	42	27
4	3	1	4	2	2	2	2	..	10	7	3	18	13	5
22	14	8	19	6	13	14	4	10	55	24	31	148	68	80
..	..	..	..	..	..	2	1	1	2	1	1	3	2	1
..	..	..	..	..	..	1	1	..	1	1	..	8	5	3
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	2	1	1	2	1	1	5	3	2
40	19	21	31	15	16	42	15	27	113	49	64	216	103	113
10	6	4	4	3	1	6	1	5	20	10	10	27	15	12
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	1	1	..
14	8	6	16	5	11	13	10	3	43	23	20	57	34	23
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	1	1	..	..	..	..	1	1	..	4	2	2
..	..	..	..	..	..	..	..	..	..	..	..	2	1	1
1,456	783	673	1,143	618	525	1,808	927	881	4,407	2,328	2,079	9,072	5,059	4,013
230	112	118	118	61	57	275	120	155	623	293	330	1,398	727	671
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
35	16	19	19	7	12	23	13	10	77	36	41	191	98	93
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1	..	1	2	1	1	4	2	2	7	3	4	10	3	7
..	..	..	..	..	..	2	2	..	2	2	..	2	2	..
..	..	..	1	1	..	1	..	1	2	1	1	3	1	2
3	2	1	6	3	3	3	1	2	12	6	6	18	8	10
5	4	1	3	2	1	1	..	1	9	6	3	14	11	3
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2	1	1	..	..	..	4	1	3	6	2	4	13	4	9
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
10	8	2	14	10	4	8	3	5	32	21	11	61	34	27
3	1	2	5	1	4	2	..	2	10	2	8	38	21	17
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3	1	2	1	..	1	4	3	1	8	4	4	12	6	6
..	..	..	..	..	..	..	..	..	..	..	..	6	4	2

TABLE

Infant Deaths by Age and Sex in Towns of

District	Town	Within 1st 24 hours after birth			After 24 hours to the end of the 1st week			From the beginning of the 2nd week to the end of the 1st month			Total		
		Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
1	2	3	4	5	6	7	8	9	10	11	12	13	14
													YEAR
Birbhum	Suri	1	..	1	6	5	1	2	1	1	9	6	3
	Bolpur	2	2	..	12	9	3	..	..	..	14	11	3
	Rampurhat	1	..	1	1	..	1	..	..	..	2	..	2
Bankura	Bankura	..	..	..	3	1	2	3	2	1	6	3	3
	Bishnupur	..	..	..	2	2	..	..	..	..	2	2	..
	Sonamukhi	1	1	..	3	1	2	3	1	2	7	3	4
Midnapore	Midnapur	4	2	2	52	32	20	8	4	4	64	38	26
	Kharagpur	..	..	..	1	..	1	..	..	..	1	..	1
	Ghatal	..	..	..	..	..	..	2	..	2	2	..	2
	Kharar	..	..	..	..	..	..	..	..	..	..	..	..
	Chandrakona	16	10	6	7	3	4	3	1	2	26	14	12
	Ramjibanpur	..	..	..	..	..	..	..	..	..	..	..	..
	Kshirpai	2	2	..	5	4	1	3	2	1	10	8	2
	Tamluk	..	..	..	1	1	..	1	1	..	2	2	..
Purulia	Purulia	..	..	..	..	..	..	1	..	1	1	..	1
	Raghunathpur	..	..	..	..	..	..	..	..	..	..	..	..
	Jhalda	..	..	..	2	..	2	2	2	..	4	2	2
													YEAR
Darjeeling	Darjeeling	1	1	..	23	11	12	13	10	3	37	22	15
	Kalimpong	2	2	..	7	6	1	9	4	5	18	12	6
	Kurseong	1	1	..	4	2	2	6	3	3	11	6	5
	Siliguri	..	..	..	2	1	1	5	2	3	7	3	4
Jalpaiguri	Jalpaiguri	2	..	2	3	2	1	2	1	1	7	3	4
	Alipurduar	3	3	..	..	..	..	..	..	..	3	3	..
Cooch Behar	Cooch Behar	..	..	..	2	2	..	1	..	1	3	2	1
West Dinajpur	Balurghat	..	..	..	3	2	1	..	..	..	3	2	1
	Rayganj	..	..	..	..	..	..	1	1	..	1	1	..
Malda	English Bazar	11	5	6	22	14	8	4	2	2	37	21	16
	Old Malda	..	..	..	..	..	..	..	..	..	..	..	..
Murshidabad	Baharampur	1	1	..	72	49	23	6	5	1	79	55	24
	Murshidabad	3	3	..	3	1	2	1	1	..	7	5	2
	Jiaganj-Azimganj	..	..	..	4	2	2	4	2	2	8	4	4
	Kandi	..	..	..	..	..	..	..	..	..	..	..	..
	Jangipur	..	..	..	5	2	3	..	..	..	5	2	3
	Dhulian	..	..	..	1	1	..	..	..	..	1	1	..
Nadia	Krishnanagar	..	..	..	4	2	2	6	5	1	10	7	3
	Nabadwip	1	1	..	28	20	8	1	1	..	30	22	8
	Ranaghat	..	..	..	1	1	..	3	1	2	4	2	2
	Birnagar	..	..	..	..	..	..	..	..	..	..	..	..
	Santipur	1	..	1	12	4	8	4	2	2	17	6	11
	Chakdaha	9	4	5	10	5	5	3	2	1	22	11	11
24-Parganas	South Suburban	3	1	2	34	20	14	30	14	16	67	35	32
	Garden Reach	5	2	3	35	21	14	34	22	12	74	45	29
	Budge-Budge	6	2	4	11	10	1	11	6	5	28	18	10
	Baruipur	..	..	..	..	..	..	..	..	..	..	..	..
	Rajpur	..	..	..	2	1	1	4	3	1	6	4	2
	Jaynagar Majilpur	1	..	1	1	..	1	..	..	..	2	..	2
	Dum-Dum	..	..	..	..	..	..	..	..	..	..	..	..
	North Dum-Dum	..	..	..	..	..	..	..	..	..	..	..	..
	South Dum-Dum	..	..	..	..	..	..	1	1	..	1	1	..

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West Bengal during the Decennium 1951-60

During the 2nd & 3rd months			During the 4th to 6th months			During the 7th to 12th months			Total			Grand total (Under 1 year)		
Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
1959—*concld.*														
..	..	..	..	..	..	..	..	..	..	..	..	9	6	3
..	..	..	..	..	..	2	2	..	2	2	..	16	13	3
..	..	..	..	..	..	1	1	..	1	1	..	3	1	2
2	2	..	1	..	1	1	..	1	4	2	2	10	5	5
4	3	1	5	2	3	6	2	4	15	7	8	17	9	8
5	2	3	4	2	2	11	7	4	20	11	9	27	14	13
2	1	1	3	3	..	5	4	1	10	8	2	74	46	28
2	1	1	..	..	..	..	..	..	2	1	1	3	1	2
1	..	1	1	..	1	..	..	..	2	..	2	4	..	4
1	1	..	..	..	..	..	..	..	1	1	..	1	1	..
1	1	..	4	2	2	2	1	1	7	4	3	33	18	15
..	..	..	1	..	1	1	1	..	2	1	1	2	1	1
3	..	3	..	..	..	..	..	..	3	..	3	13	8	5
..	..	..	4	4	..	2	1	1	6	5	1	8	7	1
..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
..	..	..	1	1	..	2	2	..	3	3	..	3	3	..
4	2	2	..	..	..	5	2	3	9	4	5	13	6	7
1960														
10	7	3	6	4	2	20	15	5	36	26	10	73	48	25
6	5	1	5	4	1	13	10	3	24	19	5	42	31	11
2	..	2	5	3	2	4	2	2	11	5	6	22	11	11
3	1	2	3	2	1	3	2	1	9	5	4	16	8	8
1	1	..	..	..	..	3	2	1	4	3	1	11	6	5
..	..	..	..	..	..	3	1	2	3	1	2	6	4	2
3	2	1	2	1	1	14	9	5	19	12	7	22	14	8
1	..	1	..	..	..	9	3	6	10	3	7	13	5	8
..	..	..	..	..	..	..	..	..	..	..	..	1	1	..
2	1	1	3	3	..	5	3	2	10	7	3	47	28	19
..	..	..	..	..	..	1	1	..	1	1	..	1	1	..
6	3	3	8	4	4	4	3	1	18	10	8	97	65	32
1	1	..	..	..	..	2	1	1	3	2	1	10	7	3
1	..	1	5	4	1	4	..	4	10	4	6	18	8	10
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	2	2	..	1	..	1	3	2	1	8	4	4
..	..	..	..	..	..	3	3	..	3	3	..	4	4	..
..	..	..	1	1	..	1	1	..	2	2	..	12	9	3
3	3	..	3	3	..	13	6	7	19	12	7	49	34	15
1	1	..	3	1	2	5	2	3	9	4	5	13	6	7
..	..	..	..	..	..	1	..	1	1	..	1	1	..	1
9	4	5	6	4	2	13	5	8	28	13	15	45	19	26
1	1	..	1	..	1	..	..	..	2	1	1	24	12	12
38	23	15	31	14	17	56	26	30	125	63	62	192	98	94
31	15	16	21	11	10	21	10	11	73	36	37	147	81	66
6	4	2	10	4	6	17	7	10	33	15	18	61	33	28
1	1	..	..	..	..	1	..	1	2	1	1	2	1	1
5	3	2	2	1	1	6	3	3	13	7	6	19	11	8
..	..	..	1	..	1	..	..	..	1	..	1	3	..	3
..	..	..	2	..	2	..	..	..	2	..	2	2	..	2
..	..	..	2	1	1	1	..	1	3	1	2	3	1	2
..	..	..	..	..	..	..	..	..	..	..	..	1	1	..

TABLE

Infant Deaths by Age and Sex in Towns of

District	Town	Within 1st 24 hours after birth			After 24 hours to the end of the 1st week			From the beginning of the 2nd week to the end of the 1st month			Total		
		Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
1	2	3	4	5	6	7	8	9	10	11	12	13	14
													YEAR
24-Parganas —*contd.*	Khardaha	..	..	..	..	..	..	..	..	..	..	..	..
	Panihati	3	1	2	29	19	10	27	13	14	59	33	26
	Barrackpur	2	2	..	2	2	..	12	6	6	16	10	6
	Titagar	3	1	2	42	23	19	20	10	10	65	34	31
	Naihati	..	..	..	5	4	1	5	4	1	10	8	2
	Bhatpara	13	10	3	113	67	46	94	52	42	220	129	91
	Halisahar	..	..	..	1	1	..	..	..	..	1	1	..
	Kanchrapara	..	..	..	6	2	4	..	..	..	6	2	4
	Garulia	..	..	..	5	4	1	1	..	1	6	4	2
	North Barrackpur	..	..	..	..	..	..	..	..	..	..	..	..
	Baranagar	19	14	5	41	25	16	43	25	18	103	64	39
	Kamarhati	..	..	..	5	2	3	9	4	5	14	6	8
	Barasat	..	..	..	..	..	..	..	..	..	..	..	..
	Gobardanga	..	..	..	1	..	1	..	..	..	1	..	1
	Bangaon	..	..	..	12	7	5	12	6	6	24	13	11
	Basirhat	1	..	1	18	14	4	4	4	..	23	18	5
	Taki	3	1	2	14	5	9	9	3	6	26	9	17
	Baduria	..	..	..	10	5	5	1	1	..	11	6	5
Calcutta	Calcutta	757	457	300	1,806	1,090	716	1,806	971	835	4,369	2,518	1,851
Howrah	Howrah	206	132	74	373	181	192	327	169	158	906	482	424
	Baly	1	..	1	20	10	10	26	11	15	47	21	26
Hooghly	Hooghly-Chinsura	..	..	..	38	17	21	19	4	15	57	21	36
	Bansbaria	..	..	..	1	..	1	1	..	1	2	..	2
	Serampore	7	5	2	106	51	55	55	30	25	168	86	82
	Baidyabati	..	..	..	1	1	..	2	2	..	3	3	..
	Rishra	..	..	..	..	..	..	..	..	..	..	..	..
	Uttarpara	..	..	..	..	..	..	..	..	..	..	..	..
	Kotrang	..	..	..	..	..	..	2	1	1	2	1	1
	Konnagar	..	..	..	..	..	..	..	..	..	..	..	..
	Bhadreswar	..	..	..	2	1	1	2	1	1	4	2	2
	Chanpdani	..	..	..	..	..	..	3	2	1	3	2	1
	Chandannagar	8	3	5	30	17	13	11	3	8	49	23	26
	Arambagh	..	..	..	1	1	..	..	..	..	1	1	..
Burdwan	Burdwan	17	11	6	56	34	22	21	15	6	94	60	34
	Kalna	..	..	..	12	6	6	5	2	3	17	8	9
	Katwa	6	4	2	19	13	6	1	1	..	26	18	8
	Dainhat	..	..	..	..	..	..	..	..	..	..	..	..
	Asansol	..	..	..	2	1	1	..	..	..	2	1	1
	Raniganj	..	..	..	2	1	1	..	..	..	2	1	1
Birbhum	Suri	..	..	..	..	..	..	1	..	1	1	..	1
	Bolpur	..	..	..	..	..	..	..	..	..	..	..	..
	Rampurhat	..	..	..	3	1	2	4	3	1	7	4	3
Bankura	Bankura	..	..	..	1	1	..	1	1	..	2	2	..
	Bishnupur	..	..	..	..	..	..	2	2	..	2	2	..
	Sonamukhi	..	..	..	4	4	..	2	2	..	6	6	..
Midnapore	Midnapur	5	3	2	22	9	13	8	5	3	35	17	18
	Kharagpur	..	..	..	..	..	..	..	..	..	..	..	..
	Ghatal	..	..	..	1	..	1	4	2	2	5	2	3
	Kharar	..	..	..	..	..	..	..	..	..	..	..	..
	Chandrakona	6	3	3	13	6	7	3	2	1	22	11	11
	Ramjibanpur	..	..	..	1	1	..	4	2	2	5	3	2
	Kshirpai	2	2	..	5	2	3	5	1	4	12	5	7
	Tamluk	..	..	..	1	..	1	2	..	2	3	..	3
	Contai	..	..	..	8	4	4	2	1	1	10	5	5

27—*contd.*

West Bengal during the Decennium 1951-60

During the 2nd & 3rd months			During the 4th to 6th months			During the 7th to 12th months			Total			Grand total (Under 1 year)		
Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
1960—*contd.*														
..	..	..	2	1	1	..	..	..	2	1	1	2	1	1
26	9	17	15	6	9	78	35	43	119	50	69	178	83	95
2	2	..	3	2	1	9	6	3	14	10	4	30	20	10
28	14	14	18	6	12	38	16	22	84	36	48	149	70	79
2	2	..	1	1	..	4	2	2	7	5	2	17	13	4
57	22	35	49	23	26	81	45	36	187	90	97	407	219	188
2	1	1	..	..	..	1	1	..	3	2	1	4	3	1
..	..	..	..	..	..	..	..	..	..	..	..	6	2	4
1	1	..	1	1	..	4	2	2	6	4	2	12	8	4
..	..	..	1	..	1	..	..	..	1	..	1	1	..	1
44	18	26	36	18	18	76	33	43	156	69	87	259	133	126
12	6	6	14	4	10	37	19	18	63	29	34	77	35	42
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
7	5	2	11	6	5	14	8	6	32	19	13	56	32	24
..	..	..	4	2	2	6	3	3	10	5	5	33	23	10
4	2	2	7	5	2	8	4	4	19	11	8	45	20	25
..	..	..	..	..	..	3	1	2	3	1	2	14	7	7
1,400	701	699	1,204	580	624	1,743	847	896	4,347	2,128	2,219	8,716	4,646	4,070
250	118	132	235	103	132	327	161	166	812	382	430	1,718	864	854
19	8	11	22	13	9	36	18	18	77	39	38	124	60	64
17	8	9	10	6	4	25	8	17	52	22	30	109	43	66
..	..	..	..	..	..	2	1	1	2	1	1	4	1	3
39	25	14	25	8	17	47	15	32	111	48	63	279	134	145
2	2	..	1	1	..	3	1	2	6	4	2	9	7	2
..	..	..	1	1	..	3	1	2	4	2	2	4	2	2
1	..	1	..	..	..	2	..	2	3	..	3	3	..	3
..	..	..	1	1	..	..	..	.	1	1	..	3	2	1
..	..	..	..	..	..	1	..	1	1	..	1	1	..	1
2	1	1	1	..	1	5	2	3	8	3	5	12	5	7
3	2	1	1	..	1	1	..	1	5	2	3	8	4	4
6	3	3	8	5	3	26	12	14	40	20	20	89	43	46
4	1	3	2	..	2	..	..	..	6	1	5	7	2	5
7	4	3	5	1	4	13	10	3	25	15	10	119	75	44
5	2	3	7	6	1	10	7	3	22	15	7	39	23	16
..	..	..	..	..	..	1	1	..	1	1	..	27	19	8
..	..	..	..	..	..	..	..	..	..	..	..	..	..	.
..	..	..	..	..	..	..	..	..	..	..	..	2	1	1
3	3	..	2	2	..	..	..	..	5	5	..	7	6	1
1	..	1	..	..	..	1	1	..	2	1	1	3	1	2
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3	1	2	3	1	2	1	..	1	7	2	5	14	6	8
..	..	..	3	1	2	4	3	1	7	4	3	9	6	3
3	2	1	1	..	1	..	..	..	4	2	2	6	4	2
3	3	..	2	..	2	4	1	3	9	4	5	15	10	5
18	9	9	20	7	13	36	12	24	74	28	46	109	45	64
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5	2	3	7	2	5	6	4	2	18	8	10	23	10	13
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3	1	2	2	1	1	6	3	3	11	5	6	33	16	17
1	..	1	3	2	1	2	..	2	6	2	4	11	5	6
2	1	1	5	3	2	2	1	1	9	5	4	21	10	11
5	1	4	4	2	2	2	2	..	11	5	6	14	5	9
..	..	..	1	1	..	4	3	1	5	4	1	15	9	6

TABLE

Infant Deaths by Age and Sex in Towns of

District	Town	Within 1st 24 hours after birth			After 24 hours to the end of the 1st week			From the beginning of the 2nd week to the end of the 1st month			Total		
		Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
1	2	3	4	5	6	7	8	9	10	11	12	13	14
													YEAR
Purulia	Purulia	..	..	..	..	..	..	1	1	..	1	1	..
	Raghunathpur	..	..	..	1	..	1	..	..	..	1	..	1
	Jhalda	..	..	..	..	..	..	..	..	..	..	..	..

27—*concld.*

West Bengal during the Decennium 1951-60

During the 2nd & 3rd months			During the 4th to 6th months			During the 7th to 12th months			Total			Grand total (Under 1 year		
Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
1960—*concld.*														
1	1	..	..	..	..	2	1	1	3	2	1	4	3	1
..	..	..	..	..	..	1	..	1	1	..	1	2	..	2
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

TABLE 28

Annual Births by Religion with Rates during 1951-60

Year	Total Urban	Religions					Rates per 1,000 Persons				
		Hindus	Muslims	Buddhists	Christians	Others	Hindus	Muslims	Buddhists	Christians	Others
1	2	3	4	5	6	7	8	9	10	11	12
1951	Total	417,038	102,240	1,836	2,233	7,527	21.9	21.6	22.5	12.8	45.5
	Urban	..	..	..	..	..	..	..	..	..	..
1952	Total	447,909	107,541	2,004	2,620	5,106	23.3	22.4	24.4	14.9	30.4
	Urban	..	..	..	..	..	..	..	..	..	..
1953	Total	461,862	106,971	1,774	2,489	4,302	23.1	21.2	21.4	14.0	25.1
	Urban	..	..	..	..	..	..	..	..	..	..
1954	Total	471,531	113,229	1,910	2,497	4,928	23.3	22.2	22.9	14.0	28.4
	Urban	..	..	..	..	..	..	..	..	..	..
1955	Total	524,177	132,336	2,024	2,721	5,341	25.5	25.5	24.0	15.1	30.2
	Urban	..	..	..	..	..	..	..	..	..	..
1956	Total	536,571	124,651	1,908	2,631	5,312	25.6	23.7	21.9	13.8	29.1
	Urban	..	..	..	..	..	..	..	..	..	..
1957	Total	512,434	117,374	1,773	2,869	4,688	22.7	21.3	20.5	14.6	25.2
	Urban	..	..	..	..	..	..	..	..	..	..
1958	Total	520,723	119,330	1,626	2,545	4,055	22.8	21.5	18.6	12.8	21.6
	Urban	..	..	..	..	..	..	..	..	..	..
1959	Total	580,105	142,917	1,446	3,409	3,242	25.1	25.5	16.2	17.1	17.2
	Urban	109,882	7,722	388	1,197	424	..	..	..	..	..
1960	Total	523,314	122,802	1,487	3,194	2,444	19.3	18.2	14.9	13.7	11.0
	Urban	119,165	9,415	76	1,154	539	..	..	..	..	..

NOTES :

(i) The religionwise birth for Urban area is not available from the year 1951 to 1958.
(ii) The estimated mid-year population (religionwise) for Urban area is not available.
(iii) Rates have been calculated on per 1,000 estimated mid-year population. (religionwise)

TABLE 29

Annual Deaths by Religion with Rates during 1951-60

Year	Total Urban	Religions					Rate per 1,000 Persons				
		Hindus	Muslims	Buddhists	Christians	Others	Hindus	Muslims	Buddhists	Christians	Others
1	2	3	4	5	6	7	8	9	10	11	12
1951	Total	242,827	64,076	1,479	1,461	4,375	12.8	13.5	18.1	8.4	26.4
	Urban	..	..	..	..	..	..	..	..	..	..
1952	Total	206,432	53,870	1,297	1,425	2,422	10.7	11.2	15.8	8.1	14.4
	Urban	..	..	..	..	..	..	..	..	..	..
1953	Total	203,136	52,610	1,182	1,298	1,961	10.2	10.4	14.2	7.3	11.4
	Urban	..	..	..	..	..	..	..	..	..	..
1954	Total	187,369	46,851	1,233	1,014	2,497	9.2	9.2	14.7	5.7	14.4
	Urban	..	..	..	..	..	..	..	..	..	..
1955	Total	185,131	43,992	1,049	1,020	2,151	9.0	8.3	12.4	5.7	12.2
	Urban	..	..	..	..	..	..	..	..	..	..
1956	Total	183,655	45,863	896	982	2,003	8.8	8.7	10.5	5.4	11.1
	Urban	..	..	..	..	..	..	..	..	..	..
1957	Total	221,568	58,144	868	1,108	2,368	9.8	10.6	10.0	5.6	12.7
	Urban	..	..	..	..	..	..	..	..	..	..
1958	Total	207,323	57,995	911	1,002	2,568	9.1	10.4	10.4	5.1	13.7
	Urban	..	..	..	..	..	..	..	..	..	..
1959	Total	186,714	47,184	748	1,223	1,124	8.1	8.4	8.4	6.1	6.0
	Urban	44,547	7,132	258	672	40	..	..	..	..	..
1960	Total	205,815	48,766	748	1,168	1,029	7.6	7.2	7.5	5.0	4.6
	Urban	52,187	8,039	212	635	30	..	..	..	..	..

NOTES :

(i) The religionwise death for Urban area is not available from the year 1951 to 1958.
(ii) The estimated mid-year population (religionwise) for Urban area is not availale.

TABLE 30

Annual Infant Deaths by Religion with Rates during 1951-60

Year	Total Urban	Religions					Rates per 1,000 of Live Births				
		Hindus	Muslims	Buddhists	Christians	Others	Hindus	Muslims	Buddhists	Christians	Others
1	2	3	4	5	6	7	8	9	10	11	12
1951	Total	45,249	12,000	169	250	472	108.5	117.4	92.0	112.0	62.7
	Urban	..	..	..	..	..	..	..	..	..	..
1952	Total	44,031	11,603	127	226	312	98.3	107.9	63.4	86.3	61.1
	Urban	..	..	..	..	..	..	..	..	..	..
1953	Total	42,950	10,833	116	198	205	93.0	101.3	65.4	79.6	47.7
	Urban	..	..	..	..	..	..	..	..	..	..
1954	Total	40,545	10,501	154	165	244	86.0	92.7	80.6	66.1	49.5
	Urban	..	..	..	..	..	..	..	..	..	..
1955	Total	41,503	10,581	156	168	202	79.2	80.0	77.1	61.7	37.8
	Urban	..	..	..	..	..	..	..	..	..	..
1956	Total	41,064	10,544	109	168	237	76.5	84.6	57.1	63.9	44.6
	Urban	..	..	..	..	..	..	..	..	..	..
1957	Total	42,754	11,414	101	175	264	83.4	97.2	57.0	61.0	56.3
	Urban	..	..	..	..	..	..	..	..	..	..
1958	Total	39,965	11,615	123	168	233	76.7	97.3	75.6	66.0	57.5
	Urban	..	..	..	..	..	..	..	..	..	..
1959	Total	39,292	11,286	98	259	100	67.7	79.0	67.8	76.0	30.8
	Urban	10,855	1,994	37	145	11	98.8	258.2	95.4	121.1	25.9
1960	Total	38,969	10,700	113	215	124	74.5	74.9	76.0	67.3	50.7
	Urban	11,538	2,130	24	118	5	96.8	226.2	315.8	102.3	9.3

NOTES :

(i) The religionwise death for Urban area is not available from the year 1951 to 1958.

(ii) The estimated mid-year population (religionwise) for Urban area is not available.

TABLE

Deaths by Age and Sex in Districts and their

District	Total Urban	Under one year			1 to 4 years			5 to 9 years			10 to 14 years			15 to 19 years		
		Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
																YEAR
Darjeeling	Total	1,088	583	505	1,183	592	591	657	332	325	456	234	222	423	191	232
	Urban	147	83	64	114	50	64	65	38	27	55	23	32	81	45	36
Jalpaiguri	Total	2,886	1,582	1,304	2,083	1,087	996	863	466	397	546	309	237	944	315	629
	Urban	6	4	2	28	17	11	18	11	7	27	20	7	33	19	14
Cooch Behar	Total	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Urban	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
West Dinajpur	Total	1,852	1,028	824	2,115	1,111	1,004	1,242	690	552	687	424	263	721	361	360
	Urban	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Malda	Total	1,958	1,051	907	2,497	1,306	1,191	981	507	474	472	239	233	555	274	281
	Urban	57	33	24	24	7	17	11	6	5	4	3	1	12	8	4
Murshidabad	Total	4,605	2,491	2,114	4,122	2,105	2,017	1,475	787	688	850	453	397	1,000	385	615
	Urban	206	127	79	148	76	72	104	61	43	55	35	20	88	38	50
Nadia	Total	2,455	1,371	1,084	1,816	952	864	1,095	561	534	510	256	254	642	266	376
	Urban	148	80	68	128	74	54	120	70	50	70	33	37	64	24	40
24-Parganas	Total	5,841	3,251	2,590	6,442	3,237	3,205	2,922	1,493	1,429	1,461	790	671	1,824	749	1,075
	Urban	2,170	1,164	1,006	2,135	1,023	1,112	719	361	358	357	191	166	375	168	207
Calcutta	Urban	11,947	6,320	5,627	8,175	3,988	4,187	2,433	1,193	1,240	1,221	636	585	2,022	865	1,157
Howrah	Total	3,956	2,124	1,832	3,397	1,630	1,767	1,254	640	614	631	353	278	874	383	491
	Urban	2,744	1,447	1,297	1,905	859	1,046	539	263	276	268	135	133	425	198	227
Hooghly	Total	2,719	1,515	1,204	1,891	951	940	1,054	544	510	613	322	291	874	374	500
	Urban	737	382	355	489	247	242	229	117	112	158	84	74	211	98	113
Burdwan	Total	4,744	2,642	2,102	2,659	1,332	1,327	1,521	787	734	933	487	446	1,122	474	648
	Urban	162	94	68	176	92	84	125	67	58	59	31	28	74	30	44
Birbhum	Total	3,723	2,159	1,564	1,751	929	822	1,080	574	506	741	403	338	1,015	455	560
	Urban	34	23	11	17	9	8	14	7	7	10	6	4	13	5	8
Bankura	Total	3,187	1,751	1,436	1,548	735	813	843	449	394	564	304	260	818	378	440
	Urban	61	34	27	86	42	44	31	21	10	20	10	10	29	8	21
Midnapore	Total	7,179	3,818	3,361	4,753	2,426	2,327	2,162	1,090	1,072	1,122	645	477	1,755	727	1,028
	Urban	99	54	45	97	46	51	54	28	26	35	19	16	70	32	38
Purulia	Total	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Urban	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

* Figures are not available

31

Urban Areas during the Decennium 1951-60

20 to 29 years			30 to 39 years			40 to 49 years			50 to 59 years			60+			Total of all ages		
Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
1951																	
1,080	453	627	842	408	434	700	384	316	609	339	270	1,258	693	565	8,296	4,207	4,089
249	144	105	131	85	46	115	64	51	89	48	41	142	78	64	1,188	658	530
2,377	851	1,526	1,905	928	977	1,362	876	486	1,154	758	396	1,911	1,168	743	16,031	8,340	7,691
104	69	35	76	47	29	57	41	16	42	30	12	106	60	46	497	318	179
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
1,602	743	859	1,495	755	740	1,181	630	551	954	503	451	1,171	679	492	13,020	6,924	6,096
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
1,252	643	609	1,209	672	537	990	601	389	852	465	387	1,398	769	629	12,164	6,527	5,637
26	14	12	30	13	17	34	24	10	30	22	8	33	15	18	261	145	116
1,956	889	1,067	1,666	839	827	1,604	921	683	1,637	951	686	2,731	1,495	1,236	21,646	11,316	10,330
168	81	87	116	68	48	119	80	39	124	78	46	255	122	133	1,383	766	617
1,511	677	834	1,376	719	657	1,259	736	523	1,249	730	519	2,165	1,196	969	14,078	7,464	6,614
190	87	103	190	84	106	204	112	92	234	131	103	527	264	263	1,875	959	916
4,190	1,820	2,370	3,576	1,889	1,687	3,188	1,964	1,224	3,247	2,001	1,246	7,748	4,343	3,405	40,439	21,537	18,902
1,012	486	526	841	474	367	757	461	296	836	525	311	1,920	1,048	872	11,122	5,901	5,221
4,522	2,329	2,193	3,638	2,097	1,541	3,313	2,153	1,160	3,678	2,280	1,398	6,544	3,408	3,136	47,493	25,269	22,224
2,034	967	1,067	1,638	927	711	1,547	944	603	1,769	1,051	718	3,192	1,701	1,491	20,292	10,720	9,572
1,013	505	508	712	424	288	669	420	249	700	413	287	1,152	575	577	10,127	5,239	4,888
1,603	723	880	1,499	821	678	1,525	964	561	1,583	906	677	2,919	1,573	1,346	16,280	8,693	7,587
398	196	202	337	191	146	343	214	129	348	207	141	671	341	330	3,921	2,077	1,844
2,668	1,125	1,543	2,419	1,276	1,143	2,493	1,519	974	2,573	1,508	1,065	4,091	2,243	1,848	25,223	13,393	11,830
190	75	115	188	103	85	177	113	64	153	95	58	314	167	147	1,618	867	751
1,973	843	1,130	1,759	845	914	1,886	1,034	852	2,000	1,061	939	2,838	1,393	1,445	18,766	9,696	9,070
42	29	13	28	14	14	32	19	13	17	12	5	34	18	16	241	142	99
1,825	800	1,025	1,659	911	748	1,772	1,058	714	1,869	1,114	755	3,365	1,696	1,669	17,450	9,196	8,254
56	35	21	62	39	23	40	27	13	57	41	16	97	50	47	539	307	232
4,058	1,680	2,378	4,073	2,046	2,027	4,141	2,395	1,746	4,701	2,610	2,091	9,096	4,696	4,400	43,040	22,133	20,907
136	62	74	162	87	75	123	65	58	142	95	47	282	147	135	1,200	635	565
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

TABLE

Deaths by Age and Sex in Districts and their

District	Total Urban	Under one year			1 to 4 years			5 to 9 years			10 to 14 years			15 to 19 years		
		Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
																YEAR
Darjeeling	Total	1,114	608	506	886	468	418	473	247	226	335	180	155	419	212	207
	Urban	152	79	73	99	49	50	48	28	20	39	22	17	79	46	33
Jalpaiguri	Total	3,208	1,679	1,529	2,022	1,053	969	763	402	361	474	245	229	687	150	537
	Urban	6	5	1	16	9	7	20	13	7	21	13	8	17	8	9
Cooch Behar	Total	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Urban	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
West Dinajpur	Total	1,970	1,087	883	1,465	760	705	790	424	366	364	216	148	567	240	327
	Urban	4	3	1	8	3	5	1	..	1	2	..	2	4	2	2
Malda	Total	1,697	975	722	1,410	759	651	547	291	256	314	183	131	416	177	239
	Urban	27	18	9	7	4	3	8	3	5	5	3	2	13	3	10
Murshidabad	Total	4,074	2,237	1,837	2,870	1,506	1,364	1,003	523	480	609	317	292	774	299	475
	Urban	101	65	36	114	56	58	44	25	19	43	24	19	62	25	37
Nadia	Total	2,076	1,141	935	1,046	521	525	635	312	323	368	199	169	583	286	297
	Urban	133	72	61	38	22	16	28	15	13	39	21	18	59	22	37
24-Parganas	Total	5,616	3,232	2,384	5,109	2,559	2,550	2,172	1,135	1,037	1,110	638	472	1,614	633	981
	Urban	2,070	1,187	883	1,420	667	753	407	218	189	239	116	123	332	112	220
Calcutta	Urban	10,887	5,844	5,043	4,651	2,239	2,412	1,317	665	652	880	463	417	1,455	611	844
Howrah	Total	3,565	1,931	1,634	2,013	1,009	1,004	766	396	370	423	236	187	725	293	432
	Urban	2,549	1,341	1,208	1,189	565	624	350	171	179	229	124	105	396	177	219
Hooghly	Total	2,730	1,568	1,162	1,240	653	587	692	343	349	547	303	244	770	317	453
	Urban	793	446	347	370	190	180	203	98	105	159	91	68	173	78	95
Burdwan	Total	5,093	2,797	2,296	2,142	1,083	1,059	1,036	567	469	646	352	294	861	344	517
	Urban	149	88	61	87	49	38	80	41	39	38	22	16	71	27	44
Birbhum	Total	3,747	2,077	1,670	1,297	632	665	568	311	257	414	210	204	647	255	392
	Urban	69	39	30	65	30	35	30	17	13	15	6	9	35	18	17
Bankura	Total	3,406	1,870	1,536	1,221	585	636	611	298	313	417	234	183	729	309	420
	Urban	35	19	16	19	12	7	8	4	4	6	5	1	16	9	7
Midnapore	Total	7,116	3,886	3,230	4,425	2,204	2,221	1,858	967	891	953	546	407	1,527	556	971
	Urban	110	56	54	45	18	27	33	16	17	44	26	18	64	25	39
Purulia	Total	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Urban	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

*Figures are not available

31—*contd.*

Urban Areas during the Decennium 1951-60

20 to 29 years			30 to 39 years			40 to 49 years			50 to 59 years			60+			Total of all ages		
Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
1952																	
942	417	525	723	356	367	548	297	251	534	312	222	986	523	463	6,960	3,620	3,340
217	131	86	124	74	50	94	59	35	82	51	31	132	74	58	1,066	613	453
2,301	795	1,506	1,799	911	888	1,262	821	441	1,093	711	382	1,684	1,074	610	15,293	7,841	7,452
112	70	42	70	49	21	54	39	15	48	33	15	97	58	39	461	297	164
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
1,352	547	805	1,211	611	600	994	553	441	870	508	362	1,091	684	407	10,674	5,630	5,044
9	5	4	8	4	4	7	5	2	12	9	3	17	10	7	72	41	31
1,030	534	496	938	526	412	786	487	299	792	453	339	1,323	745	578	9,253	5,130	4,123
21	11	10	12	9	3	19	12	7	15	12	3	21	12	9	148	87	61
1,620	745	875	1,434	780	654	1,223	793	430	1,286	768	518	2,145	1,190	955	17,038	9,158	7,880
139	73	66	127	83	44	120	73	47	139	101	38	197	108	89	1,086	633	453
1,200	518	682	964	519	445	960	561	399	918	550	368	1,525	835	690	10,275	5,442	4,833
130	73	57	103	57	46	147	80	67	164	101	63	346	197	149	1,187	660	527
3,794	1,622	2,172	3,507	1,886	1,621	3,078	1,926	1,152	3,225	2,039	1,186	7,282	4,160	3,122	36,507	19,830	16,677
861	373	488	822	430	392	749	470	279	795	538	257	1,778	981	797	9,473	5,092	4,381
3,800	1,912	1,888	3,125	1,810	1,315	2,983	1,883	1,100	3,356	2,083	1,273	5,968	3,153	2,815	38,422	20,663	17,759
1,561	729	832	1,487	841	646	1,375	900	475	1,582	972	610	2,981	1,635	1,346	16,478	8,942	7,536
840	401	439	720	417	303	620	412	208	693	436	257	1,082	535	547	8,668	4,579	4,089
1,397	625	772	1,384	780	604	1,299	792	507	1,435	893	542	2,631	1,422	1,209	14,125	7,696	6,429
312	158	154	328	174	154	308	189	119	362	207	155	638	350	288	3,646	1,981	1,665
2,138	960	1,178	2,108	1,101	1,007	2,134	1,318	816	2,198	1,322	876	3,500	1,913	1,587	21,856	11,757	10,099
146	66	80	158	87	71	167	112	55	153	98	55	288	155	133	1,337	745	592
1,254	548	706	1,206	609	597	1,236	742	494	1,270	731	539	1,714	917	797	13,353	7,032	6,321
56	27	29	49	27	22	32	21	11	35	20	15	42	23	19	428	228	200
1,543	717	826	1,430	790	640	1,517	997	520	1,565	966	599	2,764	1,488	1,276	15,203	8,254	6,949
38	18	20	42	24	18	51	35	16	36	28	8	99	60	39	350	214	136
3,734	1,521	2,213	3,742	1,897	1,845	3,793	2,183	1,610	4,439	2,504	1,935	8,422	4,410	4,012	40,009	20,674	19,335
109	57	52	136	74	62	101	61	40	126	77	49	247	131	116	1,015	541	474
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

TABLE

Deaths by Age and Sex in Districts and their

District	Total Urban	Under one year			1 to 4 years			5 to 9 years			10 to 14 years			15 to 19 years		
		Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
																YEAR
Darjeeling	Total	1,076	581	495	810	428	382	506	268	238	324	152	172	387	187	200
	Urban	148	75	73	121	57	64	57	37	20	39	17	22	75	38	37
Jalpaiguri	Total	2,939	1,602	1,337	2,082	1,064	1,018	735	392	343	456	263	193	890	270	620
	Urban	2	1	1	16	7	9	22	11	11	19	15	4	23	8	15
Cooch Behar	Total	1,100	602	498	643	333	310	334	180	154	148	84	64	291	69	222
	Urban	46	27	19	..	..	..	2	..	2	3	1	2	7	..	7
West Dinajpur	Total	2,107	1,156	951	1,448	750	698	767	395	372	353	208	145	482	180	302
	Urban	22	16	6	9	7	2	2	2	..	4	2	2	13	8	5
Malda	Total	2,059	1,087	972	2,040	1,079	961	628	336	292	293	158	135	441	167	274
	Urban	50	25	25	14	10	4	8	6	2	5	1	4	23	10	13
Murshidabad	Total	3,633	2,063	1,570	3,217	1,675	1,542	1,112	564	548	552	299	253	720	277	443
	Urban	152	81	71	144	64	80	58	43	15	31	17	14	49	27	22
Nadia	Total	1,866	1,062	804	1,062	554	508	495	243	252	302	161	141	509	189	320
	Urban	159	86	73	105	57	48	43	21	22	36	16	20	51	11	40
24-Parganas	Total	5,374	3,007	2,367	4,963	2,529	2,434	1,921	1,020	901	1,021	565	456	1,334	498	836
	Urban	2,067	1,150	917	1,539	724	815	465	239	226	240	119	121	259	91	168
Calcutta	Urban	10,096	5,456	4,640	5,688	2,741	2,947	1,342	664	678	787	402	385	1,389	574	815
Howrah	Total	3,838	2,074	1,764	2,104	969	1,135	672	333	339	361	182	179	622	248	374
	Urban	2,767	1,462	1,305	1,197	517	680	303	149	154	166	77	89	347	139	208
Hooghly	Total	3,012	1,660	1,352	1,447	716	731	543	291	252	347	175	172	584	226	358
	Urban	852	453	399	387	179	208	107	59	48	75	33	42	92	43	49
Burdwan	Total	4,611	2,476	2,135	2,042	995	1,047	866	420	446	564	301	263	855	317	538
	Urban	129	66	63	85	50	35	63	36	27	39	23	16	51	20	31
Birbhum	Total	3,343	1,884	1,459	1,528	750	778	445	230	215	323	171	152	529	194	335
	Urban	26	20	6	14	5	9	8	4	4	16	7	9	18	8	10
Bankura	Total	3,126	1,720	1,406	1,249	642	607	549	272	277	403	228	175	697	301	396
	Urban	35	18	17	22	12	10	15	6	9	8	2	6	17	6	11
Midnapore	Total	6,122	3,444	2,678	4,037	2,091	1,946	1,369	705	664	848	485	363	1,295	566	789
	Urban	126	56	70	47	24	23	36	20	16	25	17	8	57	23	34
Purulia	Total	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Urban	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

* Figures are not available

31—*contd.*

Urban Areas during the Decennium 1951-60

20 to 29 years			30 to 39 years			40 to 49 years			50 to 59 years			60 +			Total of all ages		
Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
1953																	
869	400	469	714	336	378	521	295	226	483	274	209	1,008	567	441	6,698	3,488	3,210
199	122	77	128	78	50	97	60	37	92	53	39	146	89	57	1,102	626	476
2,263	765	1,498	1,731	852	879	1,309	822	487	1,101	750	351	1,646	1,011	635	15,152	7,791	7,361
103	49	54	81	55	26	48	33	15	50	33	17	100	55	45	464	267	197
779	270	509	608	315	293	456	262	194	423	252	171	598	375	223	5,380	2,742	2,638
21	11	10	22	8	14	9	7	2	30	15	15	20	11	9	160	80	80
1,216	483	733	1,074	530	544	986	596	390	836	488	348	1,181	698	483	10,450	5,484	4,966
30	19	11	13	8	5	17	15	2	15	12	3	26	11	15	151	100	51
996	442	554	910	491	419	807	470	337	695	380	315	1,302	683	619	10,171	5,293	4,878
30	17	13	41	26	15	34	26	8	13	10	3	24	14	10	242	145	97
1,518	677	841	1,259	638	621	1,208	738	470	1,354	779	575	2,586	1,433	1,153	17,159	9,143	8,016
86	58	28	113	64	49	105	72	33	114	59	55	237	120	117	1,089	605	484
1,137	465	672	943	509	434	940	573	367	938	553	385	1,714	972	742	9,906	5,281	4,625
118	41	77	116	62	54	112	65	47	156	84	72	381	181	200	1,277	624	653
3,454	1,437	2,017	3,090	1,720	1,370	2,886	1,850	1,036	3,056	1,950	1,106	7,541	4,292	3,249	34,640	18,868	15,772
808	329	479	708	372	336	673	435	238	682	442	240	1,844	961	883	9,285	4,862	4,423
3,367	1,642	1,725	2,991	1,727	1,264	2,926	1,927	999	3,200	2,062	1,138	6,259	3,322	2,937	38,045	20,517	17,528
1,428	643	785	1,285	729	556	1,291	802	489	1,531	932	599	3,115	1,730	1,385	16,247	8,642	7,605
723	313	410	598	343	255	570	362	208	608	351	257	1,154	607	547	8,433	4,320	4,113
1,231	568	663	1,261	694	567	1,176	715	461	1,463	879	584	2,801	1,544	1,257	13,865	7,468	6,397
297	142	155	311	175	136	261	149	112	314	187	127	663	329	334	3,359	1,749	1,610
1,953	867	1,086	1,896	1,001	895	2,129	1,303	826	2,232	1,363	869	3,767	2,019	1,748	20,915	11,062	9,853
138	59	79	122	73	49	133	79	54	172	126	46	289	158	131	1,221	690	531
1,079	430	649	1,042	513	529	1,042	594	448	1,209	691	518	1,654	895	759	12,194	6,352	5,842
32	12	20	33	15	18	33	22	11	27	20	7	37	24	13	244	137	107
1,456	636	820	1,411	779	632	1,519	923	596	1,720	965	755	2,908	1,508	1,400	15,038	7,974	7,064
52	18	34	42	24	18	52	40	12	48	34	14	107	56	51	398	216	182
3,165	1,282	1,883	3,066	1,589	1,477	3,284	1,912	1,372	3,977	2,217	1,760	7,164	3,718	3,446	34,327	17,949	16,378
116	46	70	105	56	49	143	87	56	121	78	43	269	141	128	1,045	548	497
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

TABLE

Deaths by Age and Sex in Districts and their

District	Total Urban	Under one year			1 to 4 years			5 to 9 years			10 to 14 years			15 to 19 years		
		Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
																YEAR
Darjeeling	Total	1,078	600	478	789	406	383	440	226	214	308	167	141	348	163	158
	Urban	140	73	67	108	54	54	51	21	30	41	21	20	55	29	26
Jalpaiguri	Total	2,319	1,314	1,005	1,354	691	663	608	311	297	379	203	176	750	233	517
	Urban	6	3	3	15	8	7	16	11	5	14	9	5	16	7	9
Cooch Behar	Total	1,558	894	664	601	316	285	315	163	152	203	119	84	409	147	262
	Urban	52	30	22	18	8	10	10	6	4	5	3	2	19	7	12
West Dinajpur	Total	1,799	1,035	764	1,191	631	560	636	372	264	417	246	171	526	238	288
	Urban	23	12	11	11	4	7	4	1	3	3	2	1	14	5	9
Malda	Total	1,628	913	715	1,678	877	801	585	303	282	294	162	132	343	154	189
	Urban	34	17	17	10	6	4	8	6	2	12	7	5	23	9	14
Murshidabad	Total	3,615	1,996	1,619	2,858	1,451	1,407	700	363	337	424	239	185	590	226	364
	Urban	173	96	77	100	48	52	37	24	13	25	15	10	55	15	40
Nadia	Total	1,991	1,101	890	999	548	451	399	227	172	244	145	99	402	142	260
	Urban	116	62	54	87	47	40	29	14	15	32	19	13	35	10	25
24-Parganas	Total	5,309	2,995	2,314	4,667	2,345	2,322	1,359	739	620	763	415	348	1,020	378	642
	Urban	1,931	1,023	908	1,460	673	787	340	182	158	197	95	102	215	73	142
Calcutta	Urban	8,943	4,748	4,195	4,421	2,128	2,293	994	490	504	584	295	289	1,056	455	601
Howrah	Total	3,129	1,728	1,401	1,709	795	914	439	213	226	242	112	130	529	191	338
	Urban	2,179	1,184	995	895	378	517	187	88	99	114	60	54	271	95	176
Hooghly	Total	2,572	1,414	1,158	1,312	600	712	431	237	194	360	205	155	545	217	328
	Urban	663	362	301	334	146	188	99	51	48	88	48	40	129	50	79
Burdwan	Total	4,627	2,579	2,048	2,056	1,016	1,040	658	379	279	475	256	219	732	281	451
	Urban	118	65	53	85	44	41	41	25	16	38	23	15	49	19	30
Birbhum	Total	3,437	1,919	1,518	2,004	1,032	972	409	197	212	265	152	113	489	178	311
	Urban	17	14	3	15	10	5	8	8	..	4	1	3	10	2	8
Bankura	Total	2,815	1,572	1,243	1,236	638	598	486	233	253	301	161	140	578	214	364
	Urban	45	30	15	20	14	6	8	4	4	2	..	2	16	9	7
Midnapore	Total	6,789	3,767	3,022	4,271	2,211	2,060	1,193	631	562	696	386	310	1,193	447	746
	Urban	143	71	72	60	41	19	21	13	8	13	4	9	50	27	23
Purulia	Total	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Urban	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

* Figures are not available

31—*contd.*

Urban Areas during the Decennium 1951-60

20 to 29 years			30 to 39 years			40 to 49 years			50 to 59 years			60+			Total of all ages		
Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
1954																	
787	352	435	701	343	358	571	300	271	482	259	223	1,046	565	481	6,550	3,381	3,169
198	112	86	150	87	63	119	73	46	91	55	36	141	78	63	1,094	603	491
2,051	694	1,357	1,547	804	743	1,151	727	424	1,002	645	357	1,562	973	589	12,723	6,595	6,128
66	32	34	51	33	18	32	26	6	36	27	9	83	47	36	335	203	132
1,070	390	680	878	480	398	739	478	261	620	410	210	984	601	383	7,377	3,998	3,379
44	22	22	33	23	10	29	22	7	29	20	9	28	15	13	267	156	111
1,189	514	675	1,140	600	540	985	574	411	942	522	420	1,272	746	526	10,097	5,478	4,619
14	9	5	12	8	4	11	8	3	9	8	1	34	13	21	135	70	65
892	414	478	826	469	357	761	485	276	790	457	333	1,487	877	610	9,284	5,111	4,173
19	19	..	32	21	11	29	14	15	20	13	7	28	14	14	215	126	89
1,271	588	683	1,177	628	549	1,195	707	488	1,260	727	533	2,706	1,442	1,264	15,796	8,367	7,429
120	62	58	96	56	40	105	73	32	102	71	31	229	113	116	1,042	573	469
802	324	478	738	396	342	797	496	301	782	468	314	1,756	1,010	746	8,910	4,857	4,053
100	41	59	97	47	50	121	72	49	140	84	56	438	237	201	1,195	633	562
2,502	1,054	1,448	2,280	1,161	1,119	2,247	1,398	849	2,710	1,652	1,058	7,322	4,104	3,218	30,179	16,241	13,938
661	285	376	567	282	285	508	315	193	654	430	224	1,773	943	830	8,306	4,301	4,005
2,903	1,435	1,468	2,342	1,374	968	2,527	1,702	825	2,794	1,809	985	5,550	2,837	2 713	32,114	17,273	14,841
1,167	520	647	985	574	411	1,034	624	410	1,325	832	493	2,826	1,528	1,298	13,385	7,117	6,268
571	248	323	454	268	186	435	271	164	539	352	187	937	468	469	6,582	3,412	3,170
1,065	466	599	1,026	590	436	1,058	642	416	1,214	741	473	2,775	1,540	1,235	12,358	6,652	5,706
251	124	127	241	122	119	246	148	98	280	179	101	692	377	315	3,023	1,607	1,416
1,686	721	965	1,613	849	764	1,824	1,113	711	1,922	1,138	784	3,393	1,801	1,592	18,986	10,133	8,853
119	60	59	95	60	35	119	63	56	118	81	37	219	120	99	1,001	560	441
976	384	592	957	487	470	1,042	602	440	1,288	715	573	1,844	940	904	12,711	6,606	6,105
38	17	21	28	16	12	35	26	9	20	16	4	23	15	8	198	125	73
1,227	538	689	1,270	704	566	1,287	807	480	1,704	1,020	684	2,912	1,557	1,355	13,816	7,444	6,372
30	19	11	54	29	25	42	28	14	53	39	14	91	65	26	361	237	124
2,703	1,120	1,583	2,850	1,382	1,468	3,112	1,815	1,297	4,049	2,245	1,804	7,822	4,197	3,625	34,678	18,201	16,477
108	55	53	87	48	39	96	65	31	95	60	35	203	113	90	876	497	379
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

TABLE

Deaths by Age and Sex in Districts and their

District	Total Urban	Under one year			1 to 4 years			5 to 9 years			10 to 14 years			15 to 19 years		
		Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
																YEAR
Darjeeling	Total	880	516	364	640	325	315	442	227	215	252	119	133	264	117	147
	Urban	185	110	75	81	37	44	51	22	29	42	16	26	40	18	22
Jalpaiguri	Total	2,652	1,444	1,208	1,494	729	765	550	287	263	425	256	169	704	238	466
	Urban	1	1	..	14	8	6	14	8	6	7	4	3	24	11	13
Cooch Behar	Total	1,497	864	633	554	315	239	295	171	124	217	123	94	393	146	247
	Urban	73	36	37	13	9	4	3	1	2	8	5	3	8	1	7
West Dinajpur	Total	1,622	921	701	839	442	397	415	256	159	310	199	111	433	190	243
	Urban	25	17	8	7	2	5	2	2	..	6	4	2	10	2	8
Malda	Total	1,372	799	573	1,245	680	565	346	194	152	233	138	95	295	129	166
	Urban	41	24	17	10	8	2	5	4	1	4	3	1	11	5	6
Murshidabad	Total	3,897	2,175	1,722	3,022	1,559	1,463	756	404	352	454	241	213	638	250	388
	Urban	150	82	68	68	33	35	52	26	26	61	34	27	87	38	49
Nadia	Total	2,272	1,311	961	1,067	557	510	380	189	191	255	130	125	347	124	223
	Urban	208	123	85	78	40	38	53	27	26	28	14	14	44	17	27
24-Parganas	Total	5,654	3,166	2,488	4,831	2,396	2,435	1,461	749	712	720	406	314	1,015	371	644
	Urban	1,968	1,103	865	1,441	642	799	334	159	175	164	90	74	188	70	118
Calcutta	Urban	9,271	5,038	4,233	4,652	2,217	2,435	1,004	505	499	548	292	256	1,016	509	507
Howrah	Total	3,230	1,742	1,488	1,922	953	969	537	279	258	240	114	126	420	165	255
	Urban	2,239	1,198	1,041	942	452	490	225	124	101	89	41	48	202	85	117
Hooghly	Total	2,572	1,489	1,083	1,396	708	688	496	246	250	296	149	147	520	188	332
	Urban	683	392	291	354	175	179	122	55	67	81	32	49	112	47	65
Burdwan	Total	4,800	2,676	2,124	2,180	1,042	1,138	648	349	299	423	214	209	691	239	452
	Urban	103	43	60	93	48	45	40	17	23	27	18	9	47	11	36
Birbhum	Total	3,081	1,703	1,378	1,863	952	911	365	195	170	236	120	116	433	158	275
	Urban	49	26	23	29	18	11	6	5	1	7	3	4	24	4	20
Bankura	Total	2,966	1,650	1,316	1,554	779	775	507	252	255	337	175	162	623	230	393
	Urban	50	29	21	17	11	6	11	6	5	10	4	6	16	6	10
Midnapore	Total	6,844	3,737	3,107	4,530	2,461	2,069	1,154	601	553	625	360	265	1,025	379	646
	Urban	110	57	53	43	22	21	27	20	7	29	17	12	65	16	49
Purulia	Total	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Urban	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

*Figures are not available

31—*contd.*

Urban Areas during the Decennium 1951-60

20 to 29 years			30 to 39 years			40 to 49 years			50 to 59 years			60+			Total of all ages		
Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
1955																	
650	296	354	590	297	293	516	289	227	557	319	238	961	525	436	5,752	3,030	2,722
186	97	89	122	74	48	108	70	38	105	66	39	150	95	55	1,070	605	465
1,907	681	1,226	1,322	681	641	1,043	684	359	973	626	347	1,397	875	522	12,467	6,501	5,966
63	35	28	58	35	23	48	35	13	50	33	17	86	43	43	365	213	152
923	343	580	749	424	325	625	421	204	558	355	203	803	529	274	6,614	3,691	2,923
27	13	14	33	23	10	23	21	2	14	11	3	28	16	12	230	136	94
903	377	526	842	440	402	786	475	311	689	414	275	968	603	365	7,807	4,317	3,490
21	7	14	13	7	6	17	13	4	11	10	1	23	14	9	135	78	57
711	339	372	643	372	271	542	323	219	509	300	209	1,264	738	526	7,160	4,012	3,148
26	18	8	28	22	6	10	8	2	7	2	5	27	18	9	169	112	57
1,176	504	672	1,098	601	497	1,071	637	434	1,263	736	527	2,647	1,417	1,230	16,022	8,524	7,498
151	75	76	104	59	45	66	34	32	89	53	36	132	81	51	960	515	445
768	318	450	611	327	284	671	413	258	729	448	281	1,749	1,022	727	8,849	4,839	4,010
113	42	71	108	57	51	95	49	46	138	77	61	413	207	206	1,278	653	625
2,455	982	1,473	2,128	1,134	994	2,235	1,409	826	2,470	1,485	985	7,343	4,069	3,274	30,312	16,167	14,145
630	257	373	518	270	248	532	350	182	619	409	210	1,737	885	852	8,131	4,235	3,896
2,654	1,415	1,239	2,300	1,363	937	2,441	1,639	802	2,777	1,828	949	5,754	3,050	2,704	32,417	17,856	14,561
1,031	476	555	926	528	398	1,074	676	398	1,329	854	475	3,015	1,636	1,379	13,724	7,423	6,301
516	262	254	380	228	152	419	265	154	499	331	168	1,024	541	483	6,535	3,527	3,008
965	438	527	951	504	447	1,059	666	393	1,258	750	508	2,864	1,523	1,341	12,377	6,661	5,716
216	102	114	205	100	105	250	154	96	281	166	115	723	371	352	3,027	1,594	1,433
1,531	656	875	1,512	792	720	1,584	997	587	1,843	1,110	733	3,518	1,917	1,601	18,730	9,992	8,738
101	56	45	106	63	43	116	81	35	120	77	43	248	135	113	1,001	549	452
934	378	556	876	439	437	1,004	597	407	1,274	681	593	1,962	1,045	917	12,028	6,268	5,760
43	18	25	36	26	10	32	20	12	26	18	8	33	19	14	285	157	128
1,237	558	679	1,294	693	601	1,351	866	485	1,638	939	699	3,324	1,672	1,652	14,831	7,814	7,017
40	27	13	30	20	10	48	31	17	33	25	8	78	43	35	333	202	131
2,474	1,033	1,441	2,802	1,344	1,458	2,943	1,751	1,192	3,794	2,142	1,652	8,062	4,240	3,822	34,253	18,048	16,205
93	42	51	102	46	56	101	64	37	129	89	40	222	124	98	921	497	424
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

TABLE

Deaths by Age and Sex in Districts and their

District	Total Urban	Under one year			1 to 4 years			5 to 9 years			10 to 14 years			15 to 19 years		
		Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
																YEAR
Darjeeling	Total	769	426	343	585	299	286	345	184	161	234	123	111	250	128	122
	Urban	129	74	55	74	30	44	34	15	19	19	11	8	34	22	12
Jalpaiguri	Total	2,600	1,472	1,128	1,281	654	627	469	239	230	286	146	140	644	191	453
	Urban	4	2	2	11	5	6	11	4	7	10	6	4	18	4	14
Cooch Behar	Total	1,829	1,028	801	517	277	240	227	122	105	157	88	69	333	116	217
	Urban	44	20	24	13	6	7	6	3	3	1	..	1	6	2	4
West Dinajpur	Total	1,695	974	721	732	417	315	379	238	141	280	165	115	376	161	215
	Urban	32	18	14	7	3	4	3	2	1	7	4	3	10	1	9
Malda	Total	1,632	940	692	1,600	868	732	531	280	251	230	133	97	286	122	164
	Urban	40	22	18	22	9	13	3	2	1	4	3	1	15	7	8
Murshidabad	Total	3,617	2,023	1,594	3,590	1,780	1,810	1,031	534	497	395	220	175	578	246	332
	Urban	224	124	100	129	70	59	60	36	24	33	17	16	51	18	33
Nadia	Total	2,102	1,222	880	1,064	559	505	393	199	194	194	105	89	374	127	247
	Urban	184	101	83	146	67	79	65	27	38	24	11	13	60	20	40
24-Parganas	Total	5,139	2,857	2,282	3,876	1,942	1,934	1,431	766	665	641	379	262	1,073	427	646
	Urban	1,824	978	846	1,058	465	593	351	175	176	163	86	77	212	89	123
Calcutta	Urban	9,374	4,961	4,413	4,445	2,122	2,323	1,056	568	488	516	272	244	921	457	464
Howrah	Total	3,179	1,682	1,497	1,612	762	850	423	209	214	195	104	91	419	184	235
	Urban	2,237	1,158	1,079	878	391	487	204	92	112	84	40	44	220	104	116
Hooghly	Total	2,337	1,329	1,008	1,114	545	569	396	223	173	293	176	117	466	180	286
	Urban	776	423	353	329	151	178	131	72	59	108	66	42	148	67	81
Burdwan	Total	4,622	2,559	2,063	2,004	958	1,046	582	285	297	371	189	182	627	215	412
	Urban	88	51	37	61	29	32	35	20	15	23	16	7	60	19	41
Birbhum	Total	3,027	1,663	1,364	2,035	1,046	989	437	245	192	350	203	147	433	153	280
	Urban	62	31	31	17	8	9	1	1	..	5	3	2	22	6	16
Bankura	Total	3,020	1,657	1,363	1,746	840	906	534	267	267	339	189	150	611	248	363
	Urban	40	23	17	40	16	24	12	7	5	5	2	3	23	8	15
Midnapore	Total	7,180	3,985	3,195	4,844	2,524	2,320	1,102	579	523	582	332	250	1,071	390	681
	Urban	137	83	54	77	46	31	30	18	12	36	26	10	63	18	45
Purulia	Total	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Urban	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

*Figures are not available

31—*contd.*

Urban Areas during the Decennium 1951-60

20 to 29 years			30 to 39 years			40 to 49 years			50 to 59 years			60 +			Total of all ages		
Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
1956																	
569	252	317	518	246	272	501	278	223	455	260	195	831	462	369	5,057	2,658	2,399
146	74	72	110	60	50	83	49	34	87	55	32	104	62	42	820	452	368
1,766	586	1,180	1,163	553	610	992	628	364	855	543	312	1,297	809	488	11,353	5,821	5,532
64	28	36	55	32	23	38	27	11	48	31	17	90	51	39	349	190	159
879	312	567	677	368	309	562	361	201	542	345	197	850	538	312	6,573	3,555	3,018
33	12	21	14	9	5	14	11	3	6	6	..	14	10	4	151	79	72
820	345	475	726	352	374	689	405	284	624	360	264	989	602	387	7,310	4,019	3,291
19	10	9	25	17	8	10	8	2	10	9	1	25	14	11	148	86	62
716	322	394	714	383	331	589	347	242	586	354	232	1,297	745	552	8,181	4,494	3,687
35	14	21	25	16	9	20	15	5	26	18	8	23	13	10	213	119	94
1,341	516	825	1,142	610	532	1,052	651	401	1,271	751	520	2,838	1,529	1,309	16,855	8,860	7,995
138	66	72	114	65	49	111	78	33	124	88	36	243	118	125	1,227	680	547
739	320	419	620	332	288	670	414	256	763	461	302	2,035	1,182	853	8,954	4,921	4,033
113	46	67	111	50	61	157	96	61	176	110	66	540	285	255	1,576	813	763
2,455	965	1,490	2,202	1,156	1,046	2,250	1,397	853	2,630	1,625	1,005	7,780	4,361	3,419	29,477	15,875	13,602
591	221	370	549	293	256	534	338	196	630	408	222	1,977	1,067	910	7,889	4,120	3,769
2,674	1,402	1,272	2,233	1,322	911	2,674	1,685	989	2,940	1,862	1,078	6,246	3,319	2,927	33,079	17,970	15,109
1,050	499	551	895	499	396	970	624	346	1,313	829	484	2,976	1,657	1,319	13,032	7,049	5,983
566	296	270	388	220	168	423	279	144	480	314	166	1,021	529	492	6,501	3,423	3,078
952	390	562	979	534	445	958	608	350	1,321	831	490	3,076	1,703	1,373	11,892	6,519	5,373
305	119	186	322	167	155	275	174	101	377	227	150	864	449	415	3,635	1,915	1,720
1,408	605	803	1,371	719	652	1,536	942	594	1,748	1,079	669	3,824	2,024	1,800	18,093	9,575	8,518
150	78	72	131	75	56	146	108	38	123	92	31	293	149	144	1,110	637	473
937	391	546	899	429	470	1,031	595	436	1,269	722	547	2,003	1,068	935	12,421	6,515	5,906
55	29	26	37	23	14	30	22	8	25	22	3	34	24	10	288	169	119
1,190	497	693	1,271	664	607	1,395	886	509	1,679	970	709	3,711	1,871	1,840	15,496	8,089	7,407
41	18	23	39	19	20	41	26	15	40	29	11	113	71	42	394	219	175
2,301	927	1,374	2,705	1,315	1,390	2,877	1,642	1,235	3,862	2,192	1,670	9,102	4,724	4,378	35,626	18,610	17,016
129	59	70	129	64	65	98	62	36	122	75	47	196	116	80	1,017	567	450
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

TABLE

Deaths by Age and Sex in Districts and their

District	Total Urban	Under one year			1 to 4 years			5 to 9 years			10 to 14 years			15 to 19 years		
		Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
																YEAR
Darjeeling	Total	886	474	412	630	327	303	328	171	157	142	74	68	233	107	126
	Urban	203	120	83	120	62	58	55	26	29	29	15	14	38	20	18
Jalpaiguri	Total	2,357	1,273	1,084	1,225	644	581	452	222	230	271	143	128	539	186	353
	Urban	4	3	1	14	5	9	18	11	7	3	2	1	11	6	5
Cooch Behar	Total	1,719	1,012	707	671	376	295	208	111	97	139	86	53	308	115	193
	Urban	33	20	13	14	10	4	6	3	3	5	3	2	7	2	5
West Dinajpur	Total	1,970	1,118	852	1,262	687	575	477	269	208	258	141	117	401	168	233
	Urban	16	11	5	12	7	5	4	3	1	2	2	..	5	1	4
Malda	Total	1,562	854	708	2,346	1,305	1,041	509	281	228	224	126	98	255	118	137
	Urban	38	20	18	16	10	6	7	6	1	7	3	4	11	..	11
Murshidabad	Total	3,615	1,932	1,683	5,333	2,732	2,601	1,322	704	618	501	262	239	654	257	397
	Urban	259	127	132	230	118	112	92	54	38	48	22	26	68	22	46
Nadia	Total	1,991	1,098	893	1,475	813	662	409	224	185	212	119	93	352	116	236
	Urban	183	98	85	137	75	62	53	24	29	32	17	15	42	13	29
24-Parganas	Total	5,848	3,190	2,658	6,690	3,343	3,347	2,358	1,231	1,127	924	496	428	1,101	443	658
	Urban	2,052	1,074	978	2,016	941	1,075	558	306	252	224	116	108	179	72	107
Calcutta	Urban	10,349	5,550	4,799	7,338	3,487	3,851	1,730	894	836	615	317	298	1,099	614	485
Howrah	Total	3,882	1,967	1,915	3,211	1,503	1,708	940	463	477	311	163	148	557	262	295
	Urban	2,628	1,292	1,336	1,716	778	938	406	198	208	128	61	67	254	134	120
Hooghly	Total	2,383	1,297	1,086	1,795	942	853	603	309	294	398	218	180	523	228	295
	Urban	827	436	391	450	232	218	213	99	114	182	104	78	194	97	97
Burdwan	Total	4,127	2,279	1,848	2,684	1,358	1,326	752	409	343	399	200	199	600	242	358
	Urban	109	68	41	118	65	53	53	29	24	20	10	10	61	21	40
Birbhum	Total	2,919	1,571	1,348	2,647	1,309	1,338	475	246	229	271	156	115	385	152	233
	Urban	62	40	22	26	14	12	16	8	8	13	6	7	22	3	19
Bankura	Total	3,085	1,691	1,394	2,292	1,073	1,219	696	346	350	356	196	160	586	234	352
	Urban	54	29	25	37	14	23	14	9	5	6	4	2	13	5	8
Midnapore	Total	7,628	4,250	3,378	6,614	3,347	3,267	1,717	849	868	785	405	380	1,244	434	810
	Urban	150	81	69	80	41	39	33	18	15	26	13	13	71	21	50
Purulia	Total	387	203	184	408	228	180	361	221	140	233	133	100	368	197	171
	Urban	11	8	3	37	19	18	24	8	16	9	6	3	9	4	5

31—*contd.*

Urban Areas during the Decennium 1951-60

20 to 29 years			30 to 39 years			40 to 49 years			50 to 59 years			60 +			Total of all ages		
Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
1957																	
596	247	349	455	224	231	438	261	177	481	241	240	906	482	424	5,095	2,608	2,487
150	73	77	112	63	49	115	81	34	119	69	50	151	92	59	1,092	621	471
1,570	516	1,054	1,214	601	613	1,019	604	415	924	605	319	1,632	1,027	605	11,203	5,821	5,382
54	24	30	49	29	20	55	34	21	42	29	13	145	80	65	395	223	172
759	266	493	752	376	376	619	403	216	614	381	233	1,045	684	361	6,834	3,810	3,024
20	3	17	26	18	8	15	13	2	13	10	3	15	12	3	154	94	60
966	395	574	951	469	482	878	527	351	899	520	379	1,531	908	623	9,596	5,202	4,394
20	7	13	14	10	4	13	8	5	17	12	5	27	18	9	130	79	51
695	329	366	661	379	282	694	447	247	736	434	302	1,831	963	868	9,513	5,236	4,277
35	22	13	32	23	9	23	20	3	27	22	5	32	19	13	228	145	83
1,403	628	775	1,233	660	573	1,377	861	516	1,569	912	657	3,988	2,146	1,842	20,995	11,094	9,901
147	74	73	121	71	50	135	87	48	119	76	43	357	195	162	1,576	846	730
837	353	484	743	407	336	786	489	297	932	572	360	2,595	1,518	1,077	10,332	5,709	4,623
122	54	68	130	66	64	159	94	65	191	113	78	615	339	276	1,664	893	771
2,909	1,172	1,737	2,619	1,313	1,306	2,652	1,614	1,038	3,083	1,919	1,164	9,564	5,272	4,292	37,748	19,993	17,755
739	327	412	623	307	316	639	372	267	736	476	260	2,184	1,184	1,000	9,950	5,175	4,775
2,976	1,637	1,339	2,542	1,585	957	2,792	1,872	920	3,345	2,278	1,067	7,241	3,932	3,309	40,027	22,166	17,861
1,371	635	736	1,139	631	508	1,166	763	403	1,482	930	552	3,788	2,099	1,689	17,847	9,416	8,431
667	342	325	507	311	196	468	319	149	585	378	207	1,332	694	638	8,691	4,507	4,184
1,057	476	581	1,023	534	489	1,105	688	417	1,423	909	514	3,396	1,873	1,523	13,706	7,474	6,232
342	170	172	313	164	149	303	190	113	414	272	142	819	446	373	4,057	2,210	1,847
1,448	651	797	1,425	719	706	1,686	1,010	676	2,177	1,360	817	4,737	2,484	2,253	20,035	10,712	9,323
122	62	60	116	61	55	123	80	43	159	114	45	353	173	180	1,234	683	551
945	352	593	1,017	503	514	1,179	682	497	1,487	824	663	2,671	1,417	1,254	13,996	7,212	6,784
46	24	22	34	19	15	31	24	7	18	11	7	44	34	10	312	183	129
1,361	584	777	1,331	718	613	1,668	1,021	647	2,125	1,212	913	4,869	2,377	2,492	18,369	9,452	8,917
40	24	16	31	21	10	56	39	17	60	50	10	142	68	74	453	263	190
2,749	1,080	1,669	2,889	1,367	1,522	3,368	1,987	1,381	4,476	2,497	1,979	11,199	5,835	5,364	42,669	22,051	20,618
118	51	67	130	70	60	119	89	30	122	75	47	299	156	143	1,148	615	533
569	289	280	700	407	293	857	492	363	985	566	419	1,223	753	470	6,091	3,491	2,600
19	6	13	35	19	16	58	32	26	49	25	24	80	47	33	331	174	157

TABLE

Deaths by Age and Sex in Districts and their

District	Total Urban	Under one year			1 to 4 years			5 to 9 years			10 to 14 years			15 to 19 years		
		Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
																YEAR
Darjeeling	Total	1,010	560	450	743	392	351	333	183	150	187	93	94	192	83	109
	Urban	221	113	108	125	64	61	52	27	25	36	24	12	52	22	30
Jalpaiguri	Total	2,477	1,381	1,096	1,328	678	650	394	190	204	238	138	100	501	157	344
	Urban	2	1	1	20	12	8	15	9	6	12	8	4	21	9	12
Cooch Behar	Total	1,727	1,079	648	668	373	295	257	152	105	146	74	72	242	86	156
	Urban	46	27	19	12	10	2	5	3	2	4	1	3	13	4	9
West Dinajpur	Total	2,229	1,251	978	1,954	1,048	906	720	373	347	396	239	157	472	233	239
	Urban	19	9	10	13	9	4	3	1	2	5	2	3	10	3	7
Malda	Total	1,756	945	811	2,503	1,307	1,196	584	309	275	296	171	125	310	121	189
	Urban	56	28	28	77	47	30	20	8	12	7	2	5	20	8	12
Murshidabad	Total	4,360	2,342	2,018	6,903	3,499	3,404	1,825	922	903	767	349	418	780	287	493
	Urban	217	127	90	152	86	66	67	35	32	34	22	12	61	24	37
Nadia	Total	2,019	1,109	910	1,396	713	683	459	223	236	257	136	121	311	103	208
	Urban	178	93	85	120	67	53	61	34	27	42	21	21	50	20	30
24-Parganas	Total	5,155	2,853	2,302	5,559	2,801	2,758	2,298	1,186	1,112	873	475	398	1,085	424	661
	Urban	1,816	941	875	1,461	702	759	462	235	227	194	93	101	194	71	123
Calcutta	Urban	9,216	4,922	4,294	4,496	2,176	2,320	1,314	663	651	583	356	227	935	463	472
Howrah	Total	3,462	1,861	1,601	2,437	1,159	1,278	746	357	389	324	169	155	462	204	258
	Urban	2,470	1,303	1,167	1,256	570	686	299	133	166	139	78	61	214	114	100
Hooghly	Total	2,152	1,215	937	1,519	740	779	570	292	278	384	203	181	514	236	278
	Urban	860	492	368	391	198	193	239	113	126	174	92	82	189	112	77
Burdwan	Total	4,049	2,222	1,827	3,080	1,531	1,549	1,031	503	528	474	259	215	617	235	382
	Urban	114	62	52	150	65	85	71	40	31	34	16	18	63	26	37
Birbhum	Total	3,207	1,730	1,477	2,951	1,429	1,522	650	331	319	317	153	164	463	175	288
	Urban	67	39	28	21	12	9	8	2	6	14	5	9	37	19	18
Bankura	Total	2,443	1,329	1,114	1,582	763	819	510	261	249	333	174	159	538	235	303
	Urban	49	27	22	30	14	16	10	5	5	4	3	1	18	10	8
Midnapore	Total	6,619	3,650	2,969	5,279	2,691	2,588	1,413	732	681	711	381	330	1,018	399	619
	Urban	144	82	62	101	53	48	33	16	17	24	17	7	46	15	31
Purulia	Total	223	119	104	421	235	186	304	181	123	168	103	65	269	137	132
	Urban	18	12	6	22	11	11	13	8	5	10	5	5	7	4	3

31—*contd.*

Urban Areas during the Decennium 1951-60

20 to 29 years			30 to 39 years			40 to 49 years			50 to 59 years			60 +			Total of all ages		
Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
1958																	
547	252	295	461	202	259	417	224	193	475	281	194	891	507	384	5,256	2,777	2,479
142	79	63	126	74	52	107	73	34	122	75	47	145	88	57	1,128	639	489
1,402	497	905	1,038	533	505	900	587	313	834	558	276	1,562	1,007	555	10,674	5,726	4,948
65	25	40	52	21	31	45	38	7	61	51	10	134	82	52	427	256	171
734	253	481	709	343	366	571	383	188	563	365	198	1,004	628	376	6,621	3,736	2,885
38	21	17	33	24	9	33	31	2	19	15	4	21	19	2	224	155	69
1,229	527	702	1,217	627	590	1,144	690	454	1,119	655	464	1,740	1,047	693	12,220	6,690	5,530
11	3	8	10	5	5	16	13	3	14	11	3	19	11	8	120	67	53
749	368	381	666	361	305	720	443	277	676	408	268	1,473	830	643	9,733	5,263	4,470
43	29	14	37	17	20	42	35	7	29	26	3	30	17	13	361	217	144
1,912	805	1,007	1,490	813	677	1,425	820	605	1,552	875	677	3,580	1,938	1,642	24,494	12,650	11,844
142	64	78	95	53	42	120	78	42	120	80	40	299	147	152	1,307	716	591
748	304	444	647	340	307	747	446	301	865	540	325	2,274	1,292	982	9,723	5,206	4,517
117	54	63	106	45	61	132	75	57	177	112	65	527	287	240	1,510	808	702
2,732	1,133	1,599	2,576	1,321	1,255	2,503	1,517	986	2,818	1,789	1,029	8,309	4,711	3,598	33,908	18,210	15,698
688	302	386	597	307	290	629	381	248	679	432	247	2,042	1,119	923	8,762	4,583	4,179
2,720	1,430	1,290	2,358	1,428	930	2,721	1,819	902	3,091	2,116	975	6,773	3,571	3,202	34,207	18,944	15,263
1,192	548	644	1,037	569	468	1,165	735	430	1,407	861	546	3,492	1,876	1,616	15,724	8,339	7,385
616	307	309	497	285	212	503	325	178	541	332	209	1,208	627	581	7,743	4,074	3,669
992	470	522	923	509	414	1,023	637	386	1,328	839	489	3,244	1,750	1,494	12,649	6,891	5,758
328	178	150	279	158	121	303	168	135	389	259	130	779	422	357	3,931	2,192	1,739
1,696	729	967	1,710	877	833	1,836	1,124	712	2,122	1,288	834	4,612	2,437	2,175	21,227	11,205	10,022
149	65	84	111	68	43	151	88	63	124	87	37	355	187	168	1,322	704	618
1,090	449	641	1,067	512	555	1,115	616	499	1,573	849	724	2,527	1,296	1,231	14,960	7,540	7,420
47	22	25	35	14	21	27	19	8	21	17	4	26	16	10	303	165	138
1,244	553	691	1,273	657	616	1,570	982	588	2,006	1,128	878	4,302	2,205	2,097	15,801	8,287	7,514
46	25	21	38	25	13	48	38	10	64	48	16	130	75	55	437	270	167
2,456	946	1,510	2,728	1,336	1,392	3,036	1,748	1,288	4,047	2,266	1,781	10,150	5,233	4,917	37,457	19,382	18,075
116	41	75	102	54	48	128	81	47	126	79	47	309	171	138	1,129	609	520
580	315	265	677	403	274	710	418	292	800	485	315	993	580	413	5,145	2,976	2,169
21	6	15	35	15	20	33	18	15	43	29	14	56	35	21	258	143	115

TABLE

Deaths by Age and Sex in Districts and their

District	Total Urban	Under one year			1 to 4 years			5 to 9 years			10 to 14 years			15 to 19 years		
		Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
																YEAR
Darjeeling	Total	729	389	340	577	292	285	326	149	177	205	84	121	186	76	110
	Urban	207	114	93	163	75	88	62	30	32	38	16	22	35	11	24
Jalpaiguri	Total	2,659	1,528	1,131	1,506	727	779	625	309	316	322	181	141	429	197	232
	Urban	3	1	2	16	9	7	16	6	10	11	4	7	19	7	12
Cooch Behar	Total	1,860	1,101	759	620	283	337	245	122	123	119	71	48	230	91	139
	Urban	99	64	35	46	25	21	10	2	8	5	4	1	13	6	7
West Dinajpur	Total	2,756	1,582	1,174	1,200	619	581	594	310	284	287	163	124	382	144	238
	Urban	22	13	9	8	5	3	4	3	1	1	..	1	5	1	4
Malda	Total	1,755	1,014	741	1,230	589	641	447	239	208	201	147	54	202	97	105
	Urban	32	20	12	11	8	3	10	8	2	2	2	..	2	..	2
Murshidabad	Total	4,080	2,278	1,802	2,514	1,227	1,287	942	494	448	406	209	197	397	173	224
	Urban	193	118	75	110	57	53	67	36	31	26	14	12	38	14	24
Nadia	Total	2,591	1,465	1,126	1,192	612	580	487	257	230	257	155	102	316	115	201
	Urban	137	72	65	82	41	41	42	15	27	22	14	8	43	14	29
24-Parganas	Total	4,825	2,692	2,133	3,351	1,707	1,644	1,543	805	738	685	364	321	781	291	490
	Urban	1,274	683	591	793	388	405	231	110	121	119	61	58	120	51	69
Calcutta	Urban	9,072	5,059	4,013	4,317	2,115	2,202	1,032	544	488	524	289	235	801	398	403
Howrah	Total	2,420	1,286	1,134	1,328	667	661	493	264	229	182	80	102	240	98	142
	Urban	1,398	727	671	609	286	323	192	104	88	66	26	40	79	33	46
Hooghly	Total	1,581	853	728	874	421	453	349	180	169	214	112	102	298	116	182
	Urban	251	127	124	148	56	92	37	22	15	23	13	10	22	6	16
Burdwan	Total	3,536	1,966	1,570	1,692	796	896	692	337	355	332	188	144	410	162	248
	Urban	117	65	52	62	29	33	46	20	26	26	16	10	53	18	35
Birbhum	Total	3,267	1,812	1,455	1,734	839	895	607	314	293	244	137	107	390	163	227
	Urban	28	20	8	6	3	3	6	5	1	9	5	4	9	1	8
Bankura	Total	2,687	1,468	1,219	1,201	546	655	538	277	261	314	166	148	491	199	292
	Urban	54	28	26	29	14	15	28	15	13	9	4	5	14	4	10
Midnapore	Total	6,977	3,813	3,164	4,167	2,048	2,119	1,495	775	720	502	274	228	780	311	469
	Urban	138	82	56	45	22	23	31	15	16	12	9	3	27	11	16
Purulia	Total	240	129	111	311	155	156	240	142	98	141	78	63	225	118	107
	Urban	17	9	8	30	10	20	27	16	11	11	7	4	14	8	6

31—*contd.*

Urban Areas during the Decennium 1951-60

20 to 29 years			30 to 39 years			40 to 49 years			50 to 59 years			60 +			Total of all ages		
Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
1959																	
515	208	307	463	200	263	418	241	177	394	242	152	926	532	394	4,739	2,413	2,326
138	66	72	146	76	70	135	90	45	112	78	34	206	117	89	1,242	673	569
1,278	425	853	1,159	505	654	826	490	336	933	616	317	2,037	1,252	785	11,774	6,230	5,544
64	25	39	53	31	22	49	34	15	50	40	10	135	73	62	416	230	186
611	228	383	656	318	338	569	366	203	601	386	215	1,286	811	475	6,797	3,777	3,020
31	11	20	50	27	23	33	26	7	40	31	9	76	52	24	403	248	155
899	323	576	1,004	461	543	891	540	351	920	527	393	1,956	1,172	784	10,889	5,841	5,048
14	4	10	17	6	11	9	7	2	16	12	4	24	15	9	120	66	54
565	224	341	622	348	274	582	375	207	657	396	261	2,027	1,104	923	8,288	4,533	3,755
17	6	11	20	12	8	20	15	5	24	17	7	30	15	15	168	103	65
1,037	453	584	1,025	568	457	1,116	739	377	1,504	960	544	4,375	2,356	2,019	17,396	9,457	7,939
98	50	48	107	61	46	123	88	35	132	86	46	362	190	172	1,256	714	542
680	248	432	554	295	259	711	459	252	838	562	276	2,849	1,721	1,128	10,475	5,889	4,586
87	36	51	77	48	29	101	63	38	132	98	34	423	253	170	1,146	654	492
1,861	765	1,096	1,890	1,004	886	1,985	1,291	694	2,447	1,627	820	8,744	4,972	3,772	28,112	15,518	12,594
374	153	221	338	175	163	360	229	131	432	300	132	1,737	895	842	5,778	3,045	2,733
2,418	1,300	1,118	2,191	1,354	837	2,662	1,816	846	3,245	2,165	1,080	7,164	3,858	3,306	33,426	18,898	14,528
681	293	388	692	369	323	812	543	269	1,136	758	378	3,647	2,048	1,599	11,631	6,406	5,225
291	146	145	257	133	124	292	188	104	372	251	121	1,091	575	516	4,647	2,469	2,178
666	285	381	629	334	295	771	512	259	1,007	665	342	3,334	1,865	1,469	9,723	5,343	4,380
87	47	40	78	46	32	96	66	30	116	67	49	369	218	151	1,227	668	559
1,114	512	602	1,207	624	583	1,389	841	548	1,795	1,119	676	4,394	2,441	1,953	16,561	8,986	7,575
122	64	58	114	53	61	124	81	43	138	100	38	373	205	168	1,175	651	524
894	358	536	889	421	468	923	543	380	1,281	737	544	3,241	1,681	1,560	13,470	7,005	6,465
25	14	11	25	16	9	19	16	3	23	17	6	30	20	10	180	117	63
1,025	418	607	1,091	560	531	1,132	709	423	1,504	926	578	4,204	2,206	1,998	14,187	7,475	6,712
44	20	24	36	22	14	39	30	9	49	37	12	128	79	49	430	253	177
1,928	767	1,161	2,206	1,020	1,186	2,563	1,512	1,051	3,358	1,932	1,426	10,645	5,585	5,060	34,621	18,037	16,584
61	30	31	64	32	32	52	35	17	58	42	16	168	93	75	656	371	285
486	243	243	528	297	231	573	370	203	677	417	260	1,483	877	606	4,904	2,826	2,078
26	14	12	28	12	16	56	32	24	63	35	28	107	69	38	379	212	167

TABLE

Deaths by Age and Sex in Districts and their

District	Total Urban	Under one year			1 to 4 years			5 to 9 years			10 to 14 years			15 to 19 years		
		Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
																YEAR
Darjeeling	Total	785	431	354	722	365	357	352	171	181	185	85	100	184	78	106
	Urban	153	98	55	138	72	66	59	33	26	37	17	20	52	21	31
Jalpaiguri	Total	2,424	1,284	1,140	1,749	843	906	661	341	320	292	166	126	352	141	211
	Urban	17	10	7	26	13	13	24	13	11	11	8	3	8	3	5
Cooch Behar	Total	1,616	951	665	946	488	458	322	169	153	143	73	70	208	84	124
	Urban	22	14	8	40	24	16	16	11	5	7	2	5	15	5	10
West Dinajpur	Total	2,742	1,526	1,216	1,880	984	896	582	311	271	256	155	101	273	109	164
	Urban	14	6	8	13	8	5	6	2	4	4	3	1	4	..	4
Malda	Total	1,932	1,089	843	2,092	1,143	949	545	298	247	184	105	79	200	100	100
	Urban	48	29	19	19	13	6	15	8	7	11	6	5	6	4	2
Murshidabad	Total	3,363	1,916	1,447	3,180	1,578	1,602	965	520	445	353	181	172	338	139	199
	Urban	137	88	49	103	59	44	56	25	31	36	18	18	37	11	26
Nadia	Total	2,561	1,416	1,145	2,011	973	1,038	653	344	309	274	154	120	298	123	175
	Urban	144	80	64	162	81	81	82	47	35	44	24	20	45	17	28
24-Parganas	Total	5,152	2,791	2,361	4,784	2,449	2,335	1,970	1,008	962	686	360	326	714	293	421
	Urban	1,721	895	826	1,279	578	701	417	204	213	151	70	81	154	72	82
Calcutta	Urban	8,716	4,646	4,070	4,346	2,096	2,250	1,084	570	514	537	306	231	810	407	403
Howrah	Total	2,827	1,484	1,343	1,785	859	926	567	281	286	201	115	86	252	108	144
	Urban	1,842	924	918	1,005	458	547	257	124	133	98	61	37	98	48	50
Hooghly	Total	1,886	955	931	1,359	667	692	507	270	237	251	148	103	351	157	194
	Urban	528	243	285	364	173	191	120	62	58	60	38	22	87	43	44
Burdwan	Total	3,916	2,182	1,734	2,243	1,084	1,159	751	371	380	337	190	147	440	178	262
	Urban	194	124	70	105	50	55	77	35	42	40	19	21	75	26	49
Birbhum	Total	2,900	1,539	1,361	2,250	1,071	1,179	588	320	268	192	110	82	286	133	153
	Urban	17	7	10	14	5	9	1	1	..	1	..	1	8	1	7
Bankura	Total	2,594	1,431	1,163	1,836	865	971	701	357	344	295	173	122	424	202	222
	Urban	30	20	10	23	12	11	14	7	7	5	2	3	9	4	5
Midnapore	Total	6,505	3,524	2,981	5,760	2,907	2,853	1,749	926	823	608	338	270	750	291	459
	Urban	226	100	126	141	77	64	68	36	32	26	19	7	26	12	14
Purulia	Total	202	114	88	340	171	169	209	107	102	126	69	57	187	106	81
	Urban	6	3	3	22	8	14	6	2	4	6	1	5	3	2	1

31—*concld.*

Urban Areas during the Decennium 1951-60

20 to 29 years			30 to 39 years			40 to 49 years			50 to 59 years			60+			Unknown			Total of all ages		
Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F
18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
1960																				
489	195	294	473	206	267	411	222	189	432	238	194	963	569	394	64	36	28	5,060	2,596	2,464
148	74	74	128	69	59	120	72	48	101	61	40	216	130	86	14	9	5	1,166	656	510
1,026	337	689	1,143	503	640	964	579	385	963	596	367	2,096	1,243	853	110	65	45	11,780	6,098	5,682
63	31	32	72	35	37	46	36	10	53	36	17	134	81	53	13	7	6	467	273	194
530	187	343	667	323	344	563	347	216	672	382	290	1,375	857	518	49	30	19	7,091	3,891	3,200
42	19	23	47	24	23	38	28	10	27	17	10	24	19	5	3	2	1	281	165	116
705	270	435	992	473	519	902	530	372	914	501	413	1,989	1,161	828	50	29	21	11,285	6,049	5,236
13	6	7	16	8	8	10	9	1	21	16	5	34	20	14	..	..	..	135	78	57
492	217	275	692	330	362	631	411	220	727	404	323	2,276	1,229	1,047	83	38	45	9,854	5,364	4,490
19	14	5	32	16	16	35	28	7	30	25	5	66	49	17	1	1	..	282	193	89
772	342	430	949	512	437	1,061	711	350	1,495	910	585	4,281	2,272	2,009	181	97	84	16,938	9,178	7,760
87	36	51	78	34	44	92	64	28	85	63	22	285	159	126	18	8	10	1,014	565	449
606	258	348	690	366	324	757	498	259	1,039	652	387	3,466	1,939	1,527	159	92	67	12,514	6,815	5,699
114	54	60	113	59	54	122	83	39	158	97	61	692	324	368	18	9	9	1,694	875	819
1,783	708	1,075	2,084	1,060	1,024	2,171	1,415	756	2,843	1,805	1,038	10,330	5,889	4,441	504	285	219	33,021	18,063	14,958
457	176	281	427	205	222	469	304	165	604	411	193	2,599	1,417	1,182	117	67	50	8,395	4,399	3,996
2,239	1,176	1,063	2,273	1,381	892	2,682	1,853	829	3,437	2,306	1,131	7,784	4,223	3,561	..	..	..	32,908	18,964	14,944
749	350	399	842	449	393	932	627	305	1,273	827	446	4,016	2,397	1,619	173	87	86	13,617	7,584	6,033
400	205	195	437	243	194	468	315	153	546	356	190	1,627	962	665	66	37	29	6,844	3,733	3,111
647	278	369	811	456	355	994	679	315	1,290	870	420	4,250	2,395	1,855	170	84	86	12,516	6,959	5,557
248	125	123	259	154	105	269	195	74	363	258	105	1,168	657	511	28	15	13	3,494	1,963	1,531
1,133	508	625	1,286	661	625	1,465	928	537	1,910	1,192	718	4,802	2,651	2,151	285	145	140	18,568	10,090	8,478
157	87	70	136	68	68	158	107	51	162	117	45	374	195	179	29	15	14	1,507	843	664
721	342	379	844	407	437	873	516	357	1,267	734	533	3,083	1,678	1,405	161	88	73	13,165	6,938	6,227
22	5	17	20	13	7	9	7	2	17	13	4	38	28	10	6	3	3	153	83	70
876	364	512	1,044	538	506	1,242	778	464	1,686	996	690	4,904	2,552	2,352	170	83	87	15,772	8,339	7,433
22	14	8	34	11	23	44	27	17	46	32	14	135	78	57	11	6	5	373	213	160
1,780	685	1,095	2,257	1,045	1,212	2,467	1,500	967	3,841	2,045	1,796	11,536	6,053	5,483	479	231	248	37,732	19,545	18,187
77	32	45	108	68	40	81	63	18	119	80	39	274	181	93	8	7	1	1,154	675	479
375	173	202	467	259	208	498	299	199	709	440	269	1,536	871	665	56	31	25	4,705	2,640	2,065
17	5	12	15	10	5	28	19	9	58	40	18	75	34	41	..	..	..	236	124	112

TABLE 32

Deaths by Age and Sex in the State of West Bengal during the Decennium 1951-60

Year	Total Urban	Under one year			1 to 4 years			5 to 9 years			10 to 14 years			15 to 19 years			20 to 29 years		
		Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Total 1951-60	**T**	**533,050**	**293,117**	**239,933**	**359,106**	**180,316**	**178,790**	**123,047**	**63,923**	**59,124**	**64,680**	**35,268**	**29,412**	**94,716**	**38,373**	**56,343**	**224,353**	**97,006**	**127,347**
	U	**156,542**	**83,981**	**72,561**	**88.909**	**42,490**	**46,419**	**254,71**	**12,980**	**12,491**	**13,555**	**7,177**	**6,378**	**21,259**	**9.419**	**11,840**	**55,125**	**27,439**	**27,686**
1951	T	58,140	31,686	26,454	44,432	22,381	22,051	19,582	10,113	9,469	10,807	5,855	4,952	14,589	6,197	8,392	32,651	14,543	18,108
	U	18,518	9,845	8,673	13,522	6,530	6,992	4,462	2,243	2,219	2,339	1,226	1,113	3,497	1,538	1,959	8,106	4,112	3,994
1952	T	56,299	30,932	25,367	31,797	16,031	15,766	13,231	6,881	6,350	7,854	4,322	3,532	11,774	4,682	7,092	27,666	12,190	15,476
	U	17,085	9,262	7,823	8,128	3,913	4,215	2,577	1,314	1,263	1,759	936	823	2,776	1,163	1,613	6,790	3,375	3,415
1953	T	54,302	29,874	24,428	34,360	17,316	17,044	12,284	6,313	5,971	7,082	3,834	3,248	11,025	4,203	6,822	25,911	11,007	14,904
	U	16,677	8,992	7,685	9,388	4,454	4,934	2,531	1,297	1,234	1,493	749	744	2,471	1,006	1,465	6,120	2,878	3,242
1954	T	51,609	28,575	23,034	31,146	15,685	15,461	9,652	5,084	4,568	5,955	3,263	2,692	9,510	3,664	5,846	22,291	9,514	12,777
	U	14,583	7,790	6,793	7,639	3,609	4,030	1,853	944	909	1,172	602	570	2,013	812	1,201	5,242	2,540	2,702
1955	T	52,610	29,231	23,379	31,789	16,115	15,674	9,356	4,904	4,452	5,571	3,036	2,535	8,817	3,433	5,384	20,319	8,794	11,525
	U	15,156	8,279	6,877	7,842	3,722	4,120	1,949	981	968	1,111	577	534	1,894	840	1,054	4,880	2,466	2,414
1956	T	52,122	28,778	23,344	31,045	15,593	15,452	9,336	4,938	4,398	5,063	2,824	2,239	8,462	3,345	5,117	19,797	8,329	11,468
	U	15,195	8,069	7,126	7,307	3,418	3,889	2,002	1,042	960	1,038	563	475	1,863	842	1,021	5,059	2,472	2,587
1957	T	54,708	29,759	24,949	46,621	23,474	23,147	13,337	6,950	6,387	6,039	3,235	2,804	9,205	3,873	5,332	22,214	9,610	12,604
	U	16,978	8,977	8,001	12,361	5,878	6,483	3,282	1,696	1,586	1,349	701	648	2,084	1,035	1,049	5,617	2,900	2,717
1958	T	52,104	28,568	23,536	42,819	21,535	21,284	13,408	6,858	6,550	6,454	3,473	2,981	8,709	3,578	5,131	21,923	9,579	12,344
	U	15,493	8,278	7,215	8,447	4,096	4,351	2,672	1,332	1,340	1,316	745	571	1,930	924	1,006	5,289	2,651	2,638
1959	T	51,035	28,435	22,600	27,814	13,643	14,171	10,655	5,518	5,137	4,935	2,698	2,237	6,558	2,749	3,809	16,658	7,050	9,608
	U	13,042	7,202	5,840	6,475	3,143	3,332	1,841	951	890	904	484	420	1,294	583	711	3,897	1,986	1,911
1960	T	50,121	27,279	22,842	37,283	18,543	18,740	12,206	6,364	5,842	4,920	2,728	2,192	6,067	2,649	3,418	14,923	6,390	8,533
	U	13,815	7,287	6,528	7,800	3,727	4,073	2,302	1,180	1,122	1,074	594	480	1,437	676	761	4,125	2,059	2,066

TABLE 32—*contd.*

Deaths by Age and Sex in the State of West Bengal during the Decennium 1951-60

Year	Total Urban	30 to 39 years			40 to 49 years			50 to 59 years			60+			Unknown			Total of all ages		
		Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
1	2	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Total 1951-60	**T**	**209,773**	**110,606**	**99,167**	**211,073**	**130,140**	**80,933**	**241,868**	**145,831**	**96,037**	**529,571**	**289,280**	**240,291**	**2,694**	**1,421**	**1,273**	**2,593,931**	**1,385,281**	**1,208,650**
	U	**47,645**	**27,362**	**20,283**	**49,045**	**32,001**	**17,044**	**55,665**	**36,205**	**19,460**	**122,152**	**65,240**	**56,912**	**332**	**186**	**146**	**635,700**	**344,480**	**291,220**
1951	T	28,754	15,133	13,621	26,961	16,177	10,784	27,875	16,277	11,598	50,427	27,053	23,374	..	..	..	314,218	165,415	148,803
	U	6,511	3,726	2,785	5,983	3,793	2,190	6,450	3,977	2,473	12,077	6,293	5,784	..	..	..	81,465	43,283	38,182
1952	T	25,058	13,417	11,641	23,188	14,253	8,935	24,563	14,812	9,751	44,016	24,149	19,867	..	..	..	265,446	141,669	123,777
	U	5,824	3,319	2,505	5,452	3,451	2,001	6,016	3,794	2,222	10,952	5,847	5,105	..	..	..	67,359	36,374	30,985
1953	T	23,281	12,423	10,858	22,480	13,782	8,698	24,218	14,535	9,683	45,244	24,767	20,477	..	..	..	260,187	138,054	122,133
	U	5,424	3,086	2,338	5,213	3,379	1,834	5,642	3,566	2,076	11,556	6,079	5,477	..	..	..	66,515	35,486	31,029
1954	T	20,330	10,841	9,489	20,330	12,470	7,860	22,884	13,640	9,244	45,257	24,718	20,539	..	..	..	238,964	127,454	111,510
	U	4,339	2,474	1,865	4,454	2,906	1,548	4,980	3,244	1,736	10,469	5,455	5,014	..	..	..	56,744	30,376	26,368
1955	T	18,644	9,939	8,705	18,945	11,843	7,102	21,661	12,987	8,674	45,631	24,861	20,770	..	..	..	233,343	125,143	108,200
	U	4,143	2,393	1,750	4,306	2,834	1,472	4,898	3,195	1,703	10,678	5,642	5,036	..	..	..	56,857	30,929	25,928
1956	T	18,115	9,482	8,633	18,746	11,463	7,283	21,858	13,184	8,674	48,855	26,594	22,261	..	..	..	233,399	124,530	108,869
	U	4,282	2,432	1,850	4,654	2,978	1,676	5,214	3,346	1,868	11,783	6,277	5,506	..	..	..	58,397	31,439	26,958
1957	T	20,694	10,893	9,801	22,284	13,723	8,561	26,738	16,160	10,578	62,216	33,770	28,446	..	..	..	284,056	151,447	132,609
	U	4,815	2,837	1,978	5,104	3,354	1,750	6,016	4,010	2,006	13,836	7,489	6,347	..	..	..	71,442	38,877	32,565
1958	T	20,577	10,831	9,746	21,603	13,189	8,414	25,276	15,303	9,973	56,926	30,908	26,018	..	..	..	269,799	143,822	125,977
	U	4,511	2,593	1,918	5,038	3,280	1,758	5,620	3,769	1,851	12,853	6,874	5,979	..	..	..	63,169	34,542	28,627
1959	T	16,806	8,678	8,128	17,923	11,347	6,576	22,297	14,035	8,262	62,312	34,481	27,831	..	..	..	236,993	128,634	108,359
	U	3,601	2,104	1,497	4,170	2,816	1,354	5,002	3,376	1,626	12,423	6,727	5,696	..	..	..	52,649	29,372	23,277
1960	T	17,514	8,969	8,545	18,613	11,893	6,720	24,498	14,898	9,600	68,687	37,979	30,708	2,694	1,421	1,273	257,526	139,113	118,413
	U	4,195	2,398	1,797	4,671	3,210	1,461	5,827	3,928	1,899	15,525	8,557	6,968	332	186	146	61,103	33,802	27,301

TABLE 33

Annual Births, Deaths, Infant Deaths and Maternal Deaths in Towns each with Population over 30,000 during 1951-60

Town	Its 1951 Population	1951				1952				1953				1954			
		Births	Deaths	Infant Deaths	Maternal Deaths	Births	Deaths	Infant Deaths	Maternal Deaths	Births	Deaths	Infant Deaths	Maternal Deaths	Births	Deaths	Infant Deaths	Maternal Deaths
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Calcutta	2,548,677	68,846	47,493	11,947	276	59,641	38,422	10,887	263	62,631	38,045	10,096	212	65,405	32,114	8,943	190
Howrah	433,630	8,252	9,843	2,707	26	8,849	8,440	2,513	23	8,901	8,169	2,725	29	8,439	6,420	3,146	23
Tollygunge	149,817	381	108	11	1	908	110	11	1	*	*	*	*	*	*	*	*
Bhatpara	134,916	2,372	2,532	578	29	2,514	2,201	637	32	1,887	1,988	554	20	2,048	1,829	463	15
Kharagpur	129,636	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Garden Reach	109,160	896	893	212	4	1,231	766	204	15	1,007	829	201	10	980	749	192	12
South Suburban	104,055	1,259	1,114	310	1	1,513	963	330	2	1,679	986	307	0	1,696	712	267	0
Kamarhati	77,251	1,638	695	127	12	1,318	620	98	6	1,184	605	117	9	1,507	575	97	12
Baranagar	77,126	1,988	1,302	347	8	2,248	1,234	351	5	2,110	1,149	352	8	2,190	973	291	3
Asansol	76,277	349	223	31	1	232	218	30	0	275	174	4	1	271	152	9	1
Burdwan	75,376	756	624	2	9	704	547	0	25	586	517	1	15	614	384	1	6
Serampore	74,324	1,503	1,237	345	12	1,721	1,279	422	14	1,858	1,209	361	10	1,870	1,124	347	13
Titagar	71,622	1,607	1,501	203	14	1,512	1,151	159	7	1,472	1,131	236	16	1,516	1,205	241	15
Baly	63,138	453	284	37	0	477	228	36	1	544	268	42	0	448	162	33	1
South Dum-Dum	61,391	197	79	6	1	199	75	7	0	403	70	3	1	393	45	8	0
Hooghly-Chinsura	56,805	2,080	979	169	21	1,871	942	173	24	2,969	841	239	18	3,419	782	196	20
Kanchrapara	56,668	215	96	4	0	489	65	7	2	693	56	8	1	639	55	12	1
Nabadwip	56,298	1,273	1,002	40	6	1,649	518	43	11	1,527	691	82	16	1,402	630	51	17
Baharampur	55,613	1,624	787	142	8	1,537	602	62	2	1,178	636	95	2	1,218	671	130	1
Naihati	55,313	426	516	61	6	406	339	18	7	346	336	21	6	288	251	14	2
Krishnanagar	50,042	1,222	232	33	11	1,392	266	37	15	1,465	252	29	16	1,591	204	21	14
Chandannagar	49,909	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Panihati	49,514	291	160	17	0	258	91	6	0	209	119	11	0	242	144	19	0
Bankura	49,369	547	313	33	4	536	176	16	0	616	192	12	4	525	173	14	1
Midnapur	45,476	1,150	707	47	10	1,124	570	48	23	1,265	591	51	16	1,538	486	57	13
Barrackpur	42,639	284	413	96	5	282	365	80	0	263	383	77	8	326	421	133	5
Santipur	42,413	868	370	54	0	815	227	42	1	683	182	39	1	713	221	40	1
Jalpaiguri	41,259	835	497	6	4	976	461	6	4	915	464	2	10	957	335	6	8
Bhadreswar	36,292	508	304	55	3	603	238	45	1	504	216	40	0	398	167	35	1
Basirhat	34,823	464	242	35	14	415	122	17	5	396	204	22	2	387	105	28	3
Halisahar	34,666	192	110	16	1	225	116	10	0	208	117	21	0	184	68	16	0
Darjeeling	33,603	798	454	68	3	774	389	69	3	709	385	63	0	748	360	68	3
Cooch Behar	33,242	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	732	160	46	2	1,485	267	52	4
Siliguri	32,480	190	154	9	4	228	97	7	5	387	148	17	10	523	189	19	6
Budge-Budge	32,196	411	320	40	0	472	280	31	0	483	296	46	0	487	290	48	0
North Barrackpur	32,176	287	150	17	0	291	151	17	0	263	117	13	0	264	93	7	0
Chanpdani	31,543	693	279	33	3	883	189	12	2	891	189	23	7	919	176	6	3
Kulti	31,363	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
English Bazar	30,663	844	208	44	2	567	130	24	7	79	28	47	1	847	189	29	8
Bansbaria	30,622	327	226	20	5	349	212	31	5	300	151	22	3	333	166	9	3

* Merged with Calcutta.
N. A. Not available.

TABLE 33—*contd.*

Annual Births, Deaths, Infant Deaths and Maternal Deaths in Towns each with Population over 30,000 during 1951-60

Town	1955				1956				1957			
	Births	Deaths	Infant Deaths	Maternal Deaths	Births	Deaths	Infant Deaths	Maternal Deaths	Births	Deaths	Infant Deaths	Maternal Deaths
1	19	20	21	22	23	24	25	26	27	28	29	30
Calcutta	69,702	32,417	9,271	190	72,825	33,079	9,374	145	72,097	40,027	10,349	92
Howrah	8,799	6,366	2,208	19	9,226	6,366	2,217	14	8,326	8,524	2,614	11
Tollygunge	*	*	*	*	*	*	*	*	*	*	*	*
Bhatpara	1,636	1,816	508	26	1,704	1,670	482	31	1,334	1,974	462	27
Kharagpur	N.A.	N.A.	N.A.	N.A.	205	48	9	1	202	49	8	0
Garden Reach	898	716	187	7	900	717	147	5	686	869	157	1
South Suburban	1,619	716	248	3	1,569	705	274	1	1,832	935	284	0
Kamarhati	1,589	660	124	5	2,169	923	167	15	2,141	941	182	9
Baranagar	2,085	946	308	30	2,051	889	273	35	1,846	971	288	46
Asansol	268	96	0	1	106	43	1	1	106	104	2	0
Burdwan	906	491	3	8	177	612	0	18	1,085	499	6	4
Serampore	1,913	1,136	372	8	546	1,014	312	12	2,016	1,181	330	8
Titagar	1,310	942	187	13	1,282	840	175	16	1,113	1,198	220	8
Baly	359	169	31	0	380	135	20	0	346	167	14	0
South Dum-Dum	590	41	12	0	340	22	1	0	328	41	7	1
Hooghly-Chinsura	3,094	805	162	30	4,015	757	157	17	4,289	924	154	23
Kanchrapara	619	107	13	0	560	60	13	0	621	64	17	0
Nabadwip	1,760	658	88	17	1,843	845	98	15	1,714	725	59	11
Baharampur	2,359	638	130	2	2,604	762	163	0	2,670	991	183	2
Naihati	255	246	13	4	309	270	12	2	233	275	9	3
Krishnanagar	1,996	229	45	16	2,164	229	28	10	2,074	264	30	6
Chandannagar	N.A.	N.A.	N.A.	N.A.	2,269	719	195	21	2,245	739	227	18
Panihati	199	104	8	0	143	284	83	1	167	579	135	1
Bankura	495	156	16	0	825	158	11	8	662	196	12	3
Midnapur	1,798	522	37	8	1,786	580	68	11	1,701	639	70	10
Barrackpur	469	525	202	5	684	337	61	1	750	496	120	3
Santipur	1,071	184	48	2	1,106	204	36	1	885	248	55	2
Jalpaiguri	1,225	365	1	15	1,451	349	4	10	1,438	395	4	6
Bhadreswar	398	185	28	0	374	149	19	1	290	155	14	1
Basirhat	389	134	27	5	379	100	13	5	323	115	11	3
Halisahar	158	66	10	1	147	67	8	0	122	74	7	3
Darjeeling	883	439	95	0	797	240	33	0	872	456	74	1
Cooch Behar	1,922	230	73	1	2,272	151	44	5	2,167	154	33	6
Siliguri	793	151	18	5	933	122	23	4	1,037	187	49	5
Budge-Budge	533	238	43	0	638	214	23	0	631	298	22	0
North Barrackpur	294	103	10	0	252	76	9	0	233	108	9	1
Chanpdani	850	154	10	1	891	150	3	3	749	194	13	1
Kulti	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
English Bazar	1,213	151	38	7	1,140	192	39	3	1,057	197	37	5
Bansbaria	326	164	11	6	294	256	10	5	272	232	10	1

* Merged with Calcutta.
N.A. Not available.

TABLE 33—*concld.*

Annual Births, Deaths, Infant Deaths and Maternal Deaths in Towns each Population over 30,000 During 1951-60

Town	1958				1959				1960			
	Births	Deaths	Infant Deaths	Maternal Deaths	Births	Deaths	Infant Deaths	Maternal Deaths	Births	Deaths	Infant Deaths	Maternal Deaths
1	31	32	33	34	35	36	37	38	39	40	41	42
Calcutta	71,255	34,207	9,216	102	69,636	33,426	9,072	107	70,841	33,908	8,716	88
Howrah	8,542	7,522	2,437	7	5,351	4,647	1,398	26	7,138	6,353	1,718	21
Tollygunge	*	*	*	*	*	*	*	*	*	*	*	*
Bhatpara	1,372	1,942	483	28	423	536	148	9	1,309	1,455	407	15
Kharagpur	191	31	2	0	71	41	3	0	N.A.	N.A.	N.A.	N.A.
Garden Reach	758	666	155	10	757	653	168	12	964	639	147	8
South Suburban	1,867	664	257	5	635	349	156	0	1,399	561	192	0
Kamarhati	2,047	658	78	4	1,597	245	27	0	2,261	665	77	0
Baranagar	1,789	1,024	300	32	1,854	734	216	2	1,766	831	259	4
Asansol	138	155	6	1	246	128	12	0	350	107	2	0
Burdwan	1,087	500	0	16	687	523	0	22	1,389	943	119	30
Serampore	1,894	1,029	313	10	1,464	714	191	5	1,770	958	279	10
Titagar	1,094	990	172	11	393	339	69	8	1,117	799	149	10
Baly	420	221	33	1	N.A.	N.A.	N.A.	N.A.	871	491	124	4
South Dum-Dum	99	32	4	0	497	21	1	0	163	22	1	0
Hooghly-Chinsura	4,133	812	162	7	N.A.	N.A.	N.A.	0	702	971	109	3
Kanchrapara	764	56	15	0	792	31	8	0	707	44	6	3
Nabadwip	1,869	588	54	11	528	208	25	2	2,269	721	49	9
Baharampur	2,826	809	152	2	3,057	883	124	10	3,065	680	97	10
Naihati	341	313	27	3	258	225	18	2	272	243	17	0
Krishnanagar	2,228	218	19	12	2,852	273	15	22	2,602	298	12	15
Chandannagar	2,193	856	255	8	N.A.	N.A.	N.A.	N.A.	1,778	771	89	4
Panihati	148	360	31	0	90	591	191	2	85	687	178	7
Bankura	651	176	12	3	890	190	10	5	991	152	9	1
Midnapur	1,741	680	67	7	1,114	372	74	8	868	537	109	7
Barrackpur	941	388	71	7	1,420	625	145	8	633	312	30	1
Santipur	929	251	46	3	1,290	299	51	1	764	228	45	1
Jalpaiguri	1,520	427	2	16	1,294	343	3	31	1,151	410	11	25
Bhadreswar	267	145	22	1	305	137	18	0	258	135	12	0
Basirhat	331	83	18	3	N.A.	N.A.	N.A.	N.A.	862	251	33	8
Halisahar	110	120	9	0	84	38	3	0	73	56	4	0
Darjeeling	922	493	93	0	985	563	101	13	574	453	73	8
Cooch Behar	2,349	224	46	8	2,166	403	99	12	2,379	281	22	23
Siliguri	1,365	228	47	5	1,259	178	40	6	1,518	212	16	9
Budge-Budge	612	304	53	1	610	462	43	2	496	648	61	5
North Barrackpur	219	109	6	0	186	94	5	0	113	52	1	0
Chanpdani	643	155	10	10	612	129	14	1	432	66	8	0
Kulti	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
English Bazar	1,204	343	55	4	1,030	143	26	5	1,178	264	47	8
Bansbaria	240	194	8	2	N.A.	N.A.	N.A.	N.A.	257	208	4	2

*Merged with Calcutta.
N.A. Not available.

TABLE 34

Annual Birth Rates, Death Rates, Infant Death Rates and Maternal Death Rates in Towns each with Population over 30,000 during 1951-60

Town	Its 1951 Population	1951				1952				1953				1954			
		Birth	Death	Infant Death	Maternal Death	Birth	Death	Infant Death	Maternal Death	Birth	Death	Infant Death	Maternal Death	Birth	Death	Infant Death	Materanl Death
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Calcutta	2,548,677	27.01	18.63	173.53	4.01	23.22	14.96	182.54	4.41	24.17	14.68	161.20	3.38	23.62	11.60	136.73	2.90
Howrah	433,630	19.03	22.70	328.04	3.15	20.46	19.51	283.99	2.60	20.54	18.84	306.15	3.26	19.42	14.77	372.79	2.73
Tollygunge	149,817	2.54	0.72	28.87	2.62	6.04	0.73	12.11	1.10	*	*	*	*	*	*	*	*
Bhatpara	134,916	17.58	18.77	243.68	12.23	18.64	16.32	253.38	12.73	13.97	14.72	293.59	10.60	15.17	13.55	226.07	7.32
Kharagpur	129,636	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Garden Reach	109,160	8.21	8.18	236.61	4.46	11.25	7.00	165.72	12.19	9.18	7.56	199.60	9.93	8.92	6.82	195.92	12.24
South Suburban	104,055	12.10	10.71	246.23	0.79	14.50	9.23	218.11	1.32	6.56	3.86	182.85	0	16.04	6.73	157.43	0
Kamarhati	77,251	21.20	9.00	77.53	7.33	16.80	7.90	74.36	4.55	14.98	7.65	98.82	7.60	19.88	7.20	61.12	7.56
Baranagar	77,126	25.78	16.88	174.55	4.02	28.81	15.81	156.14	2.22	26.69	14.53	166.82	3.79	27.35	12.15	132.88	1.37
Asansol	76,277	4.58	2.92	88.83	2.87	3.04	2.86	129.31	0	3.60	2.28	14.55	3.64	3.54	1.99	33.29	3.69
Burdwan	75,376	10.03	8.28	2.65	11.90	9.32	7.24	0	35.51	7.75	6.83	1.71	25.60	8.10	5.07	1.63	9.77
Serampore	74,324	20.22	16.64	229.54	7.98	23.07	17.15	245.21	8.13	24.74	16.10	194.29	5.38	24.66	14.83	185.56	6.95
Titagar	71,622	22.44	20.96	126.32	8.71	21.03	16.01	105.16	4.63	20.37	15.65	160.33	10.87	20.93	16.64	158.97	9.89
Baly	63,138	7.17	4.50	81.68	0	7.53	3.60	75.47	2.10	8.54	4.21	77.21	0	7.01	2.53	73.66	2.23
South Dum-Dum	61,391	3.21	1.29	30.46	5.08	3.23	1.22	35.18	0	6.54	1.14	7.44	2.48	6.32	0.72	20.36	0
Hooghly-Chinsura	56,805	36.62	17.23	81.25	10.10	32.24	16.23	92.46	12.83	50.01	14.17	80.50	6.06	55.23	12.63	57.33	5.85
Kanchrapara	56,668	3.79	1.69	18.60	0	8.60	1.14	14.31	4.09	12.06	0.97	11.54	1.44	11.00	0.95	18.78	1.56
Nabadwip	56,298	22.61	17.80	31.42	4.71	28.88	9.07	26.08	6.67	26.26	11.88	53.70	10.48	23.83	10.71	36.38	12.13
Baharampur	55,613	29.20	14.15	87.44	4.93	27.12	10.62	40.34	1.30	20.46	11.05	80.65	1.70	21.01	11.57	106.73	0.82
Naihati	55,313	7.70	9.33	143.19	14.08	7.35	6.14	44.33	17.24	6.26	6.08	60.69	17.34	5.21	4.54	48.61	6.94
Krishnanagar	50,042	24.42	4.64	27.00	9.00	27.10	5.18	26.58	10.78	27.88	4.80	19.80	10.92	29.57	3.79	13.20	8.80
Chandannagar	49,909	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Panihati	49,514	5.88	3.23	58.42	0	5.19	1.83	23.26	0	4.19	2.39	52.63	0	4.87	2.88	78.51	0
Bankura	49,369	11.08	6.34	60.33	7.31	10.78	3.54	29.85	0	12.30	3.83	19.48	6.49	10.40	3.43	26.67	1.90
Midnapur	45,476	25.29	15.55	40.87	8.70	24.35	12.35	42.70	20.46	27.10	12.66	40.32	12.65	32.37	10.23	37.06	8.45
Barrackpur	42,639	6.66	9.69	338.03	17.61	6.64	8.59	283.69	0	6.21	9.05	292.78	30.42	7.71	9.96	407.98	15.34
Santipur	42,413	20.47	8.72	62.21	0	18.95	5.28	51.53	1.23	15.65	4.17	57.10	1.46	16.17	5.01	56.10	1.40
Jalpaiguri	41,259	20.24	12.05	7.19	4.79	23.37	11.04	6.15	4.10	21.65	10.98	2.19	10.93	22.42	7.85	6.27	8.36
Bhadreswar	36,292	14.00	8.38	108.27	5.91	16.44	6.49	74.63	1.66	13.62	5.84	79.37	0	10.69	4.48	87.94	2.51
Basirhat	34,823	13.32	6.95	75.43	30.17	11.81	3.47	40.96	12.05	11.20	5.77	55.56	5.05	10.87	2.95	72.35	7.75
Halisahar	34,666	5.54	3.17	83.33	5.21	6.47	3.34	44.44	0	5.96	3.35	100.96	0	5.26	1.94	86.95	0
Darjeeling	33,605	23.75	13.51	85.21	3.76	22.74	11.43	89.15	3.88	20.61	11.19	88.86	0	21.50	10.35	90.91	4.01
Cooch Behar	33,242	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	13.97	3.05	62.84	2.73	27.85	5.01	35.02	2.69
Siliguri	32,480	5.85	4.74	47.37	21.05	7.01	2.98	30.70	21.93	11.82	4.52	43.93	25.84	15.84	5.72	36.33	11.47
Budge-Budge	32,196	12.77	9.94	97.32	0	14.59	8.65	65.68	0	14.85	9.10	95.24	0	14.88	8.86	98.56	0
North Barrackpur	32,176	8.92	4.66	59.23	0	8.96	4.70	58.42	0	8.10	3.60	49.43	0	8.09	2.85	26.52	0
Chanpdani	31,543	21.97	8.85	47.62	4.33	27.43	5.87	13.59	2.27	27.04	5.75	25.81	7.86	27.38	5.24	6.53	3.26
Kulti	31,363	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
English Bazar	30,663	27.53	6.78	52.13	2.37	17.95	4.12	42.33	12.35	2.49	0.88	594.94	12.66	26.68	5.95	34.24	9.45
Bansbaria	30,622	10.66	7.37	61.16	15.29	11.34	6.89	88.83	14.33	9.70	4.88	73.33	10.00	10.71	5.34	27.03	9.01

* Merged with Calcutta.
N.A. Not available.

TABLE 34—*contd.*

Annual Birth Rates, Death Rates, Infant Death Rates and Maternal Death Rates in Towns each with Population over 30,000 during 1951-60

Town	1955				1956				1957			
	Birth	Death	Infant Death	Maternal Death	Birth	Death	Infant Death	Maternal Death	Birth	Death	Infant Death	Maternal Death
1	19	20	21	22	23	24	25	26	27	28	29	30
Calcutta	24.85	11.56	133.01	2.73	25.60	11.63	128.72	1.99	25.04	13.90	143.54	1.28
Howrah	20.13	14.56	250.94	2.16	20.95	14.46	240.30	1.52	18.89	19.34	313.96	1.22
Tollygunge	*	*	*	*	*	*	*	*	*	*	*	*
Bhatpara	12.12	13.45	310.51	15.89	12.62	12.37	282.86	18.19	9.89	14.64	346.33	20.24
Kharagpur	N.A.	N.A.	N.A.	N.A.	2.79	0.65	43.90	4.88	2.74	0.66	39.60	0
Garden Reach	8.16	6.50	208.24	7.80	8.16	6.50	163.33	5.56	6.23	7.89	228.86	1.46
South Suburban	15.17	6.71	153.18	1.85	14.56	6.54	174.63	0.64	16.80	8.62	155.02	0
Kamarhati	19.66	8.17	78.04	3.15	26.52	11.29	76.99	6.92	25.84	11.35	85.01	4.20
Baranagar	25.63	11.63	147.72	14.39	22.16	9.60	133.11	17.06	22.09	11.62	156.01	24.92
Asansol	3.50	1.25	0	3.73	1.38	0.56	9.43	9.43	1.38	1.35	18.87	0
Burdwan	11.90	6.45	3.31	8.83	2.31	7.98	0	101.69	14.05	6.46	5.53	369
Serampore	24.97	14.83	194.46	4.13	7.04	13.07	371.43	21.98	25.67	15.04	163.69	3.97
Titagar	17.95	12.91	142.75	9.92	17.48	11.45	136.51	12.48	15.15	16.30	197.66	7.19
Baly	5.60	2.63	86.35	0	5.90	2.10	52.63	0	5.35	2.58	40.46	0
South Dum-Dum	9.45	0.66	20.34	0	5.41	0.35	2.94	0	5.19	0.65	21.34	3.05
Hooghly-Chinsura	48.17	12.53	52.36	9.70	59.86	11.29	39.10	4.24	60.93	13.13	35.91	5.36
Kanchrapara	10.56	1.82	21.00	0	9.47	1.01	23.21	0	10.41	1.07	27.38	0
Nabadwip	29.46	11.02	50.00	9.66	30.26	13.87	53.17	8.14	27.74	11.73	34.42	6.42
Baharampur	39.99	10.81	55.11	0.85	42.79	12.52	62.60	0	42.60	15.81	68.54	0.75
Naihati	4.61	4.45	50.98	15.69	5.58	4.87	38.83	6.47	4.21	4.97	38.63	12.88
Krishnanagar	36.02	4.13	22.55	8.02	37.82	4.00	12.94	4.62	35.08	4.47	14.46	2.89
Chandannagar	N.A.	N.A.	N.A.	N.A.	40.37	12.79	85.94	9.26	38.91	12.81	101.11	8.02
Panihati	3.98	2.08	40.20	0	2.85	5.67	580.42	6.99	3.36	11.64	80.84	5.99
Bankura	9.73	3.07	9.73	0	14.39	2.76	13.33	9.70	12.75	3.78	18.13	4.53
Midnapur	36.87	10.70	20.58	4.45	35.78	11.62	38.07	6.16	33.32	12.52	41.15	5.88
Barrackpur	11.12	12.45	430.70	10.66	16.15	7.96	89.18	1.46	17.60	11.64	160.00	4.00
Santipur	23.97	4.12	44.82	1.87	24.19	4.46	32.55	0.90	19.04	5.33	62.15	2.26
Jalpaiguri	28.20	8.42	0.82	12.24	32.64	7.85	2.76	6.89	31.58	8.67	2.78	4.17
Bhadreswar	10.63	4.94	70.35	0	9.93	3.95	50.80	2.67	7.66	4.09	48.28	3.45
Basirhat	10.82	3.73	69.41	12.85	10.48	2.76	34.30	13.19	8.87	3.16	34.06	9.29
Halisahar	4.50	1.88	63.29	6.33	4.18	1.90	54.42	0	3.46	2.10	57.38	24.59
Darjeeling	25.09	12.47	107.59	0	22.34	6.73	41.41	0	24.09	12.60	84.86	1.15
Cooch Behar	35.10	4.20	37.98	0.52	40.10	2.67	19.37	2.20	36.83	2.62	15.23	2.77
Siliguri	23.71	4.52	22.70	6.31	27.26	3.57	24.65	4.29	29.55	5.33	47.25	4.82
Budge-Budge	16.19	7.23	80.68	0	19.13	6.42	36.05	0	18.72	3.84	34.87	0
North Barrackpur	8.96	3.14	34.01	0	7.64	2.30	35.71	0	7.03	3.26	38.63	4.29
Chanpdani	24.80	4.49	11.76	1.18	25.41	4.28	3.37	3.37	20.96	5.43	17.36	1.34
Kulti	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
English Bazar	37.18	4.63	31.33	5.77	33.89	5.71	34.21	2.63	30.59	5.70	35.00	4.73
Bamnbaria	10.45	5.25	33.74	1.84	9.38	8.17	34.01	17.01	8.67	7.40	36.76	3.68

* Merged with Calcutta.
N.A. Not available.

TABLE 34—*concld.*

Annual Birth Rates, Death Rates, Infant Death-Rates and Maternal Death-Rates in Towns each with Population over 30,000 during 1951-60

Town	1958				1959				1960			
	Birth	Death	Infant Death	Maternal Death	Birth	Death	Infant Death	Maternal Death	Birth	Death	Infant Death	Maternal Death
1	31	32	33	34	35	36	37	38	39	40	41	42
Calcutta	24.46	11.74	129.34	1.43	24.89	11.47	130.28	1.54	24.57	11.76	123.04	1.24
Howrah	19.37	17.06	285.30	0.82	12.10	10.51	261.26	4.86	14.03	12.49	240.68	2.94
Tollygunge	*	*	*	*	*	*	*	*	*	*	*	*
Bhatpara	10.24	14.50	352.04	20.41	3.14	3.98	349.88	21.28	8.91	9.91	310.92	11.46
Kharagpur	2.59	0.42	10.47	0	0.94	0.54	42.25	0	N.A.	N.A.	N.A.	N.A.
Garden Reach	6.88	6.04	204.49	13.19	6.83	5.89	221.93	15.85	7.45	4.94	152.49	8.30
South Suburban	17.06	6.07	137.65	2.68	5.77	3.17	245.67	0	7.77	3.11	137.24	0
Kamarhati	24.33	7.82	38.10	1.95	18.88	2.90	16.91	0	18.52	5.45	34.06	0
Baranagar	21.21	12.14	167.69	17.89	21.86	8.65	116.50	1.08	16.74	7.88	146.66	2.27
Asansol	1.80	2.02	43.48	7.25	3.19	1.66	48.78	0	3.44	1.05	5.71	0
Burdwan	13.98	6.43	0	0	8.78	6.68	0	32.02	13.14	8.92	85.67	21.60
Serampore	23.90	12.99	165.26	5.28	18.20	8.88	130.46	3.42	19.57	10.59	157.63	5.65
Titagar	14.91	13.49	157.22	10.05	5.33	4.59	175.57	20.36	14.73	10.53	133.39	8.95
Baly	6.49	3.42	78.57	2.38	N.A.	N.A.	N.A.	N.A.	8.74	4.93	142.36	4.59
South Dum-Dum	1.56	0.50	40.40	0	7.79	0.33	2.01	0	1.51	0.20	6.13	0
Hooghly-Chinsura	55.75	10.95	39.20	1.69	N.A.	N.A.	N.A.	0	8.59	11.89	155.27	4.27
Kanchrapara	12.68	0.93	19.63	0	13.07	0.51	10.10	0	10.32	0.64	8.49	4.24
Nabadwip	29.75	9.36	28.89	5.89	8.28	3.26	47.35	3.79	31.80	10.11	21.60	3.97
Baharampur	44.34	12.61	53.79	0.71	46.96	13.57	40.56	3.27	49.44	10.97	31.65	3.26
Naihati	6.16	5.66	79.18	8.80	4.64	4.04	69.77	7.75	4.68	4.18	62.50	5.76
Krishnanagar	36.62	3.58	8.53	5.39	46.17	4.42	5.26	7.71	37.68	4.32	4.61	5.76
Chandannagar	37.18	14.51	116.28	3.65	N.A.	N.A.	N.A.	N.A.	26.79	11.62	50.06	2.25
Panihati	2.99	7.28	209.46	0	1.81	11.88	2122.22	22.22	0.90	7.29	2094.12	82.35
Bankura	12.44	3.36	0.23	4.61	16.85	3.60	11.24	5.62	16.04	2.46	9.08	1.01
Midnapur	33.42	13.05	38.48	4.02	20.98	7.01	66.43	7.18	14.88	9.21	125.58	8.06
Barrackpur	21.94	9.05	75.45	7.44	32.93	14.49	102.11	5.63	10.08	4.97	47.39	1.58
Santipur	19.76	5.34	49.52	3.23	27.03	6.27	39.53	0.78	15.08	4.50	58.90	1.31
Jalpaiguri	32.59	9.16	1.32	10.53	27.27	7.23	2.32	23.96	23.89	8.51	9.56	21.72
Bhadreswar	7.03	3.82	82.40	3.75	7.92	3.56	59.02	0	7.24	3.79	46.51	0
Basirhat	9.04	2.27	54.38	9.06	N.A.	N.A.	N.A.	N.A.	16.34	4.76	38.28	9.28
Halisahar	3.12	3.40	81.82	0	2.37	1.07	35.71	0	1.45	1.11	54.79	0
Darjeeling	25.19	13.47	100.87	0	26.62	15.21	102.54	13.20	14.37	11.34	127.18	13.94
Cooch Behar	38.63	3.68	19.58	3.41	33.53	6.24	45.71	5.54	57.52	6.79	9.25	9.67
Siliguri	37.89	6.33	34.43	3.66	34.57	4.89	31.77	4.77	24.03	3.36	10.54	5.93
Budge-Budge	17.99	8.94	86.60	1.63	17.83	13.51	70.49	3.28	12.59	16.45	122.98	10.08
North Barrackpur	6.58	3.28	27.40	0	5.56	2.81	26.88	0	2.05	0.94	8.85	0
Chanpdani	17.77	4.31	15.55	15.55	16.66	3.51	22.88	1.63	10.41	1.59	18.52	0
Kulti	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
English Bazar	34.15	9.73	45.68	3.32	28.60	3.97	25.24	4.85	26.08	5.84	39.90	6.79
Bansbaria	7.64	6.18	33.33	8.33	N.A.	N.A.	N.A.	N.A.	5.77	4.67	15.56	7.78

* Merged with Calcutta.
N.A. Not available.

APPENDICES

APPENDIX I

A REPORT ON THE WORKING OF THE REGISTRATION OF BIRTHS AND DEATHS IN THE MUNICIPALITIES OF WEST BENGAL AND RECOMMENDATIONS FOR IMPROVEMENT 1961

Registration of births and deaths in the municipalities of the State of West Bengal is cumpulsory according to the Bengal Municipal Act, 1932. The duties of reporting vital events to the local Registrars are enjoined on the households or other legal registrants as provided in the Act. The laws relating to vital registration are administered by the Municipal Commissioners. During the last decade, birth and death figures as furnished by the municipalities are found to be abnormally low and often these are subjected to criticisms. The municipalities according to varying birth and death rates per *mille* for the period 1951 and 1959 as shown in the table below, suggest that larger number of towns recorded low rates in 1959 than those in 1951. This picture is more suggestive of gradual decline in the efficiency of registration of births and deaths rather than presenting the real condition.

Municipalities by birth and death rates in 1951 and 1959

Birth rates per *mille*	No. of towns by birth rates		Death rates per *mille*	No. of towns by death rates	
	Percentage to total 1951	Percentage to total 1959		Percentage to total 1951	Percentage to total 1959
Upto 5	9.0	11.5	Upto 4	20.5	50.6
5—10	21.7	23.1	4—8	28.2	26.0
10—20	34.6	28.2	8—12	28.2	13.0
20—30	32.1	19.2	12—16	10.3	9.1
30 and above	2.6	18.0	16 and above	12.8	1.3
Total	**100.0**	**100.0**		**100.0**	**100.0**

With a view to studying the problem of registration of births and deaths in the municipalities as to what facilities they have got and how they are functioning and how best these can be utilised within their present resources towards improvement of registration system, the questionnaire, as per copy enclosed, was issued to all municipalties except Calcutta by the Statistical Branch of the Directorate of Health Services on 8.12.1960 and the results of the analysis are summarised in the tables given hereafter.

Table No. I shows the distribution of municipalities according to population and their response to the submission of the questionnaire.

TABLE I

Municipalities by response to questionnaire and population as per 1961 Census

1961 Census population in thousands	Response		Total
	Yes	Number	
Less than 10	7	..	7
10—20	12	2	14
20—50	37	1	38
50—100	17	2	19
100 and above	9	1	10
Total	**82**	**6**	**88**

Out of 88 municipalities in the State of West Bengal, information could not be obtained from 6 towns, all of which belong to the district of 24-Parganas. These are Bhatpara, Titagarh, Naihati, Baduria, Taki and Joynagar Majilpur and their distribution according to population is shown in the table above. 38 towns have their population between 20 and 50 thousands while 21 and 29 towns lie below and above this range respectively.

Table No. II shows the distribution of municipalities according to population, wards and areas in square miles.

TABLE II

Municipalities according to wards and areas in square miles by population

1961 Census population in thousands	Area in square miles: Below 5 sq. miles		5—10 sq. miles		10—15 sq. miles		Total		Wards not stated in towns	Total number of towns
	Wards	Towns	Wards	Towns	Wards	Towns	Wards	Towns		
Less than 10	22	6	6	1	..	..	28	7	..	7
10—20	51	11	6	1	..	..	57	12	..	12
20—50	143	27	57	8	..	..	200	35	2	37
50—100	49	8	53	9	..	..	102	17	..	17
100 and above	25	5	42	3	23	1	90	9	..	9
Total	**290**	**57**	**164**	**22**	**23**	**1**	**477**	**80**	**2**	**82**
Wards not stated	..	1	..	1	..	..	..	2	..	..
Total	..	**58**	..	**23**	..	**1**	..	**82**	..	..

80 towns furnished this information, out of which 57 towns have an area below 5 square miles and 22 towns between 5 to 10 square miles. Only one town has an area between 10 to 15 square miles. The average population and area in square miles of a town are 50,000 and 4.33 and those in respect of a ward are worked out to be 8,400 and 0.73 respectively. The average number of wards per municipality is only 6.

Table No. III shows the distribution of municipalities with water works and electricity according to population.

TABLE III

Municipalities provided with water works and electricity by population

1961 Census population in thousands	Total No. of towns	Towns provided with: Water works	Electricity	Both	None
Less than 10	7	1	2	1	5
10—20	12	1	12	1	..
20—50	37	20	37	20	..
50—100	17	11	17	11	..
100 and above	9	8	9	8	..
Total	**82**	**41**	**77**	**41**	**5**

41 towns are provided with both water works and electricity while 41 and 77 towns have got water works and electircity respectively. 5 towns with a population below 10,000 have got no such arrangements.

Table No. IV shows the distribiuton of municipalities with water works and electricity according to income.

TABLE IV

Municipalities provided with water works and electricity by annual income

Annual income in thousand rupees	Total number of towns	Towns provided with: Water works	Electricity	Both	None
10—50	14	1	9	1	5
50—100	9	..	9	..	..
100—1,000	55	36	55	36	..
1,000 and above	2	2	2	2	..
Not stated	2	2	2	2	..
Total	**82**	**41**	**77**	**41**	**5**

Water works are found to be distributed in towns with an annual income of more than Rupees one lakh with the exception of one town *viz.* Old Malda whose income lies between Rupees 10 to 50 thousand per year. While electricity is found to be utilieed by a large majority of towns with high as well as low income, only 5 towns whose annual income is less than Rs. 50,000/- are not even provided with electricity.

Table No. V shows the distribution of municipalities according to population and income.

TABLE V

Municipalities according to annual income by population

Annual income in thousand rupees	1961 Census population in thousands					Total	Average annual *per capita* income in rupees
	Less than 10	10—20	20—50	50—100	100 and above		
10—50	7	5	2	..	..	14	2.05
50—100	..	4	5	..	..	9	2.94
100—1,000	..	3	30	16	6	55	5.70
1,000 and above	..	..	..	..	2	2	9.85
Not stated	..	..	..	1	1	2	..
Total	**7**	**12**	**37**	**17**	**9**	**82**	**5.67**

80 towns furnished the information out of which 57 have an annual income of Rs. 1 lakh and more, the remaining 23 municipalities have an annual income below Rs. 1 lakh. The average annual income of a municipality comes to about Rs. 3.11 lakhs. The average *per capita* income is found to increase with the income of municipalities and thus indicate the extent to which the resources could be utilieed for other useful purpose in case of any necessity by the municipalities of high income groups.

Table No. VI shows the distribution of municipalities provided with health personnel according to population.

TABLE VI

Municipalities provided with health personnel by population

Municipalities provided with	1961 Census population in thousands					Total
	Less than 10	10—20	20—50	50—100	100 and above	
Health Officer only	..	..	4	7	7	18
Sanitary Inspector but not H.O.	1	6	31	10	2	50
Vaccinator but not S.I. and H.O.	3	3	1	..	..	7
None	3	3	1	..	..	7
Total	**7**	**12**	**37**	**17**	**9**	**82**

It shows that 18 towns are provided with Health Officers, while 50 towns with Sanitary Inspectors, 7 towns with Vaccinators and the remaining 7 towns have got no health staff of any kind at all. Two municipalities *viz.* Kamarhati and South Dum-Dum with a population of more than 1 lakh have only the services of Sanitary Inspectors to look after the health activities. The health administration rests only with the Sanitary Inspectors for 48 towns with a population of less than 1 lakh while Vaccinators are in charge of health activities in 7 towns with a population below 50,000.

Table No. VII shows the distribution of municipalities provided with available health staff of different categories according to annual income.

TABLE VII

Municipalities provided with health personnel by annual income

Municipalities provided with	1961 Census income in thousands rupees					Total
	10—50	50—100	100—1,000	1,000 and above	Not stated	
Health Officer only	..	1	14	2	1	18
Sanitary Inspector but not H.O.	5	4	40	..	1	50
Vaccinator but not H.O. and S.I.	5	1	1	..	..	7
None	4	3	..	..	..	7
Total	**14**	**9**	**55**	**2**	**2**	**82**

Out of 18 towns peovided with Health Officers, the annual income of 17 towns is more than Rs. 50,000/- and that for one town has not been stated. 44 towns having an income between Rs. 50,000/- and Rs. 10 lakhs, do not provide Health Officers but depend mainly on Sanitary Inspectors, while 2 towns of the same income groups depend only on Vaccinators and 3 towns having an annual income between Rs. 50,000/- and Rs. 100,000/- do not maintain any Health personnel of any kind. Similarly, towns with an annual income of less than Rs. 50,000/- carry out the health services in the area by different types of health personnel *viz.* 5 towns by Sanitary Inspectors, and 5 towns by Vaccinators and 4 towns do not provide any health staff for the purpose.

Table No. VIII shows the distribution of municipalities provided with different categories of health staff according to population and income *vis-a-vis* the required number of staff as specified by the Government.

TABLE VIII

Municipalities provided with scheduled health staff according to the existing rules by income and population

1961 Census population in thousands	Municipalities with annual income in rupees: 40,000 and more — Total No. of towns	40,000 and more — Towns with scheduled health staff	Less than 40,000 — Total No. of towns	Less than 40,000 — Towns with scheduled health staff	Towns with adequate health staff	Towns without adequate health staff
Less than 10	0	..	7	1	1	6
10—16	2	1	4	1	2	4
16—30	24	21	..	..	21	3
30—50	19	1	..	..	1	18
50 and above	26	5	..	..	5	21
Total	**71**	**28**	**11**	**2**	**30**	**52**

According to Government rules, the towns with a population of 50,000 and above, should employ at least one Health Officer and 3 Sanitary Inspectors while those which are having a population over 16,000 with an annual income of Rs. 40,000/- should have at least one Health Officer. Two Sanitary Inspectors should be provided for the towns with a population of 30,000 and one Sanitary Inspector for a population of 10,000. The municipalities will be entitled to get financial assistance to the extent of 50% from the Government as soon as the required number of health staff as specified by the Government are appointed for the purpose. 30 municipalities are found to have the requisite number of health staff as per Government rules while 52 towns do not have the requisite number. Out of the said 52 municipalities which are not providing the requisite number of health staff, 43 municipalities have an annual income of more than Rs. 40,000/- and 9 municipalities have an annual income of less than Rs. 40,000/-. The reason as to why the municipalities are not providing the requisite number of health staff in spite of the aforesaid financial assistance by Government, is not quite clear in view of the fact that the requisite number of health staff are being maintained by certain other municipalities. The existing unsatisfactory state of affairs observed in the towns which are found to depend solely on the vaccinators or without any health staff, should not have occured, if Government instructions were followed accordingly.

Table No. IX shows the distribution of municipalities provided with Medical Institutions according to population.

TABLE IX

Municipalities provided with hospitals and dispensaries by population

1961 Census population in thousands	Municipalities provided with: Hospitals	Dispensaries	Both	None	Total
Less than 10	4	3	..	..	7
10—20	7	1	4	..	12
20—50	20	5	10	2	37
50—100	5	3	8	1	17
100 and above	..	..	9	..	9
Total	**36**	**12**	**31**	**3**	**82**

It will be seen that 31 towns are provided with both hospitals and dispensaries while 36 and 12 towns have got only either hospitals or dispensary respectively. Only in 3 towns, there is no hospital or charitable dispensary.

Table No. X shows the distribution of municipalities according to number of Birth Registration offices and population :

TABLE X

Municipalities provided with birth registration offices by population

1961 Census population in thousands	Number of birth registration offices				Total
	1	2	3	10	
Less than 10	7	..	..	..	7
10—20	12	..	..	..	12
20—50	35	1	1	..	37
50—100	17	..	..	..	17
100 and above	8	..	..	1	9
Total	**79**	**1**	**1**	**1**	**82**

It appears that most of the municipalities, facilities for registration of births are inadequate. Out of a total number of 82 towns, for which reports have been received, 79 towns are provided only with one Registration office each, irrespective of the size of area and population. ut of the remaining 3 municipalities, 2 towns with a population between 20,000 and 50,000, provide 2 and 3 birth registration offices respectively while there are 10 Registration offices in one municipality with a population above 1 lakh.

Table No. XI shows the distribution of towns provided with full-time or part-time Registrars of Births and Deaths with or without remuneration according to population.

TABLE XI

Municipalities according to types of Registrars of Births and Deaths by population

1961 Census population in thousands	Registrars of Births and Deaths			
	Full-time	Part time		Total
		With additional pay	Without additional pay	
Less than 10	..	1	6	7
10—20	4	3	5	12
20—50	3	20	14	37
50—100	4	4	9	17
100 and above	3	1	5	9
Total	**14**	**29**	**39**	**82**

Out of 82 towns for which reports have been received, only 14 towns provide full-time Registrars of Births and Deaths. The remaining 68 towns are run by part-time officers, 29 of whom receive additional pay for the work of registration while 39 are entrusted with the work without any additional remuneration. This shows that little interest is being taken by the municipalities in regard to the registration of births and deaths as the matter is entrusted with the unpaid and part-time workers by majority of the municipalities.

Table No. XII shows the distribution of municipalities provided with part-time and full-time Registrars of Births and Deaths, with or without remuneration, according to income :

TABLE XII

Municipalities according to types of Registrars of Births and Deaths by annual income

Annual income in thousand rupees	Registrars of Births and Deaths			
	Full time	Part time		Total
		With additional pay	Without additional pay	
10—50	1	3	10	14
50—100	2	4	3	9
100—1000	10	21	24	55
1000 and above	1	..	1	2
Not stated	..	1	1	2
Total	**14**	**29**	**39**	**82**

It will appear that part-time Registrars of Births and Deaths are not given any extra remuneration for the work of registration even by the municipality *viz.* Burdwan with an annual income of above Rs. 10 lakhs, as also by 24 municipalities with an annual income between Rs. 1 and 10 lakhs and 13 municipalities with an annual income below Rs. 1 lakh per year. The reason for not maintaining either full-time Registrars or part-time Registrars of Births and Deaths with additional pay seems to be not clear in view of the fact that such arrangements are being made possible by several other municipalities with the same or even with less annual income.

Table No. XIII shows the distribution of municipalities with burning ghats with or without keepers according to population.

TABLE XIII

Municipalities provided with burning ghats and reporting system by population

1961 Census population in thousands	Municipalities provided with: Burning ghats: With keepers	Without keepers	None	Not stated	Information from burning ghats means of: Sub-Registrars	Keepers	Other Staff	No arrangement for getting information	Total
Less than 10	..	2	4	1	..	..	2	5	7
10—20	4	4	2	2	..	1	1	10	12
20—50	11	8	8	10	2	5	4	26	37
50—100	9	4	3	1	1	7	4	5	17
100 and above	8	..	1	..	4	4	..	1	9
Total	**32**	**18**	**18**	**14**	**7**	**17**	**11**	**47**	**82**

It appears that 32 municipalities provide keepers for the burning ghats whereas burning ghats without any keeper are being maintained by 18 municipalities. Out of the remaining municipalities, 18 municipalities do not have any butning ghats and particulars about 14 municipalities are not known as they did not supply the required information. Out of the 32 municipalities where there are burning ghats with keepers, 7 municipalities have appointed Sub-Registrars who maintain records of deaths, which are disposed of in the burning ghats while 17 municipalities get notices of deaths from the keepers and 11 municipalities from someother municipal staff. The arrangement of getting notices of deaths either from burning ghats or from any other official sources for registration purposes is not found to exist in 47 municipalities.

Table No. XIV shows the distribution of municipalities with burial grounds with or without keepers according to population :

TABLE XIV

Municipalities provided with burial grounds and reporting system by population

1961 Census population in thousands	Municipalities provided with: Burial grounds: With keepers	Without keepers	None	Not stated	Information from burial grounds by means of: Sub-Registrars	Keepers	Other staff	No arrangement for getting information	Total	Towns without any burning ghat or burial ground
Less than 10	..	2	4	1	..	..	1	6	7	1
10—20	1	4	5	2	..	..	2	10	12	2
20—50	3	11	13	10	..	4	2	31	37	5
50—100	4	6	6	1	..	3	5	9	17	2
100 and above	6	1	2	..	3	1	2	3	9	1
Total	**14**	**24**	**30**	**14**	**3**	**8**	**12**	**59**	**82**	**11**

It will appear that the situation is worse in case of burial grounds than burning ghats. 30 municipalities do not have any burial ground at all and out of the 38 municipalities which are provided with burial grounds, only 14 municipalities maintain keepers for burial grounds while 24 municipalities do not provide any keeper for the purpose. The burial grounds of 3 municipalities are functioning under Sub-Registrars who maintain the records of death at the time of disposal in the burial grounds, while the keepers of the 8 municipalities send notices of deaths to the Municipal Offices. 12 municipalities seem to have separate arrangements for getting information of deaths by means of some other staff while there is no arrangement for getting the information of deaths in 59 municipalities. There are 11 towns which are not provided with any burning ghat or burial ground. It appears that in more than half of the municipalities there is no arrangement to utilise the information available from the place of disposal of the dead. Moreover, even in cases where this source is drawn upon, the burning ghats and burial grounds are often incompletely covered. Apparently in some municipalities, the disposal of the dead takes place in violation of the Bengal Municipal Act of 1932 which reads—'....no corpse shall be burried or burnt otherwise than in a place with is borne on the Registers of the Commissioners.'

The extent to which hospitals, municipal midwives and private medical practitioners supply information on births and deaths can be seen from the Table No. XV below.

TABLE XV

Municipalities according to the agencies of reporting births and deaths by population

1961 Census population in thousands	Municipalities in which vital events are notified by: Hospitals		Municipal midwife		Private practitioners		Total
	Yes	No	Yes	No	Yes	No	
Less than 10	3	1	1	..	1	6	7
10—20	7	4	2	..	1	11	12
20—50	24	6	6	3	..	37	37
50—100	11	2	2	1	2	15	17
100 and above	8	1	7	2	1	8	9
Total	**53**	**14**	**18**	**6**	**5**	**77**	**82**

It appears that hospitals do not everywhere give information on vital events to the local Registrars. 18 municipalities get notices of births and deaths through the help of their midwives while midwives in 6 municipalities are not found to function in this respect. 53 municipalities do not provide any midwifery services. Private medical practitioners in 5 municipalities are often found to report cases of births and deaths which are attended to by them, while such reports are not available in 77 municipalities.

Answer to the question on 'how many unregistered births and deaths were discovered in 1959 ?' should give an indication of the zeal with which the municipalities have carried out their registration responsibilities. It goes without saying that in nearly all municipalities, through enquiries would have brought unregistered events to the light. The data are given in the Table No. XVI as shown below.

TABLE XVI

Municipalities according to number of unregistered events detected by population

1961 Census population in thousands	Number of unregistered events discovered by municipality: Births					Deaths				
	0	1—4	5+	Not stated	Total	0	1—4	5+	Not stated	Total
Less than 10	6	..	..	1	7	6	..	..	1	7
10—20	8	1	2	1	12	8	2	2	..	12
20—50	31	1	3	2	37	32	1	2	2	37
50—100	15	..	2	..	17	12	4	1	..	17
100 and above	7	1	..	1	9	6	1	1	1	9
Total	**67**	**3**	**7**	**5**	**82**	**64**	**8**	**6**	**4**	**82**

Only in a small portion of the municipalities has any detection work been carried out. One municipality reported the prosecution of 2 defaulters in respect of birth registration and 1 in respect of death registration. In no other municipality were there any prosecution cases in 1959.

Table No. XVII summarises the replies to the question—'how much money may be allotted for the improvement of registration work from the total income of the municipalities each year ?' as shown below

TABLE XVII

Municipalities according to additional money available for improvement of registration by population

1961 Census population in thousands	Additional annual amount from total income expendable by municipalities				
	Nil	100—2000	2000—5000	Not stated	Total
Less than 10	4	..	..	3	7
10—20	6	3	..	3	12
20—50	11	12	1	13	37
50—100	6	6	..	5	17
100 and above	4	2	2	1	9
Total	**31**	**23**	**3**	**25**	**82**

On the whole, there is little enthusiasm for increasing the municipal expenses. Only in exceptional cases would the specified amount be sufficient to bring the registration work on a sound footing.

It is generally agreed that the best basis for a vital registration system is the need of the citizens for copies of registration entries. The number of extracts issued from the Register indicates the extent to which the public make use of the registers. The data for 1959 are given in the Table No. XVIII below :

TABLE XVIII

Municipalities according to number of extracts issued from Births and Death Registers by population

1961 Census population in thousands	Number of extracts issued in 1959 by municipalities from													
	Birth Register							Death Register						
	Nil	1—4	5—24	25—99	100+	Not stated	Total	Nil	1—4	5—24	25—99	100+	Not stated	Total
Less than 10	4	2	1	..	..	..	7	..	4	3	..	..	..	7
10—20	5	4	2	..	..	1	12	3	3	5	..	..	1	12
20—50	14	9	7	4	1	2	37	1	5	14	14	1	2	37
50—100	3	5	3	..	1	5	17	..	..	1	9	2	5	17
100 and above	1	..	3	2	1	2	9	..	..	..	5	2	2	9
Total	**27**	**20**	**16**	**6**	**3**	**10**	**82**	**4**	**12**	**23**	**28**	**5**	**10**	**82**

The picture is bleak particularly with respect to the utilization of the birth register. This does not necessarily mean, however, that the task of educating the public at large is a hopeless one. With the present inadequate registration facilities, it is probably a time consuming affair to secure a register extract in many places. A good many municipalities have offered possible suggestions regarding the improvement of registration of births under the existing resources.

It will be seen that the recurrent theme of the suggestions from the municipalities is the necessity of increasing the staff engaged in the registration work. In particular, the need for reports from burning ghats seems to be realised. The suggestions taken together with those in the Table No. XVII also point out the defficulty of financing adequate registration services. It is well to keep in mind that the municipalities which have offered no suggestion for improvement are probably those where improvements are most needed.

Recommendations for improvement of registration of births and deatns in Municipalities

The suggestions for the improvement of registration of births and deaths as offered by the municipalities given in the Appendix II, show ample evidence that the improvements could not be effected due to financial limitations although the various methods for such improvements are known to them. It has been realised under the present circumstances that the improvement in the field of registration of vital events should depend primarily on prompt collection for sometime to come rather than report-

ing the events by the parties or by means of legal prosecution. Any improvement in the system of registration of vital events with the existing limitations as stated in the foregoing tables, seem to be hardly possible unless the present financial resources of the municipalities are suitably supplemented or the entire health administration is taken over by Government as done recently in the case of District Boards. Moreover, 31 municipalities out of the total number of 89 municipalities in the State are coverd by the areas under the Calcutta Metropolitan Planning Organisation. The importance of correct registration of births and deaths and reliable health statistics for health and demographic studies for these areas can hardly be overlooked in the perspective of the development work undertaken by the said Planning Organisation.

Considering this approach to be the only real solution of the problem it has to be seen what would be the best possible compromise between the Government and the Municipalities to share the cost if such a step has to be implemented at a minimum level of expenditure to start with. The following procedures are recommended :

(*i*) *Medical and para-Medical staff of the municipalities*—It is well realised that health services and health statistics should go together as one can not work without the other. It has been observed that the present health services in the municipalities are very much inadeuate and ineffective. In order to ensure effective health services in the municipalities, it is thought essential that each and every municipality should have a Health Officer irrespective of its size and income, in addition to the required number of Sanitary staff stipulated by Government. Municipalities where there are no Health Officers, should have either one Whole-time or Part-time Officer on subsidy basis. Even if this is not possible, in that case, the health administration of municipalities should be looked after by the District Health Officer or by the Sub-Divisional Health Officer as the case may be. Besides, one full-time Health Assistant has to be employed for certain number of wards comprising about 20,000 population for public health work as well as for registration duties. He will have to take charge of vaccination and registration by house-to-house visits initially, and educate the people in respect of reporting vital events and getting vaccination at the Registration Offices which should be established on the basis of one for every 20,000 population. One Statistical Assistant should also be provided at the Municipal office to supervise the work of the Health Assistants on sample basis so as to ensure test of completeness of registration work in the municipalities. This arrangement will fulfil the obligations laid down under the Birth and Death Registration and Vaccination Acts, which make them compulsory by legal provisions.

(*ii*) *Registration at places of cremation provided with keepers*—The indiscriminate burning or burial of dead bodies should not be allowed to continue any longer. Places of dispcsal of dead bodies should be registered and provided with a keeper so that no dead body can be disposed of without the particulars being entered in the Register maintained for the purpose by municipalities as per provision of the Act. All unauthorised places for disposal of dead bodies should be abolished. Arrangements for proper transfer of records of the deceased according to place of occurrence should be made by municipalities where there is no such place for disposal of dead bodies.

(*iii*) *Provision of Midwifery services in municipalities*—It is estimated that one midwife is required for 100 maternity cases in a year. About 20 per cent of births occur in hospitals and the remaining are confined at home. It will be better if the facilities of the services of trained midwives could be increased so that the confinement cases at home are done by trained personnel only. The cost of such midwifery services can be recovered by the municipalities if a suitable fee for each confinement case at home by trained midwife is levied. This will provide not only trained midwifery service to the people but also will help to get notices of births conducted by the midwives appointed by municipalities without any financial liability.

(*iv*) *Provision for reporting births and deaths by Sweepers on suitable extra remuneration*—It has been estimated that about 800 births and 300 deaths will occur annually for a population of 20,000 for which a Health Assistant is proposed to be appointed. Collection of these vital events by house-to-house visits seems to be difficult for the Health Assistants only unless some sort of better reporting system is adopted in the area. The events which will be reported need be checked up by personal enquiries before particulars of such events are entered in the Register. Municipal sweepers may be entrusted with the work of reporting vital events to the Health Assistants whenever such cases are detected by them. It is, therefore, desirable for the interest of work that the Sweepers are paid .25 nP for each case reported by them after these are found to be correct on subsequent verifications by Health Assistant. Such an incentive may help to induce them to take up the work with interest. This has also been recommended at the conference of the Vital Statistics Committee recently held at New Delhi under the Chairmanship of the Registrar General, Government of India.

(*v*) *Appointment of Medical Officers of hospitals as Registrars of Births and Deaths*—It has been observed that hospitals do not everywhere give information on vital events to the local Registrars of the municipalities. In order to do away with such non-report-

ing, the Medical Officers of the hospitals may be appointed as Registrars of Births and Deaths for the events that take place in the hospitals. In that case, the Health Assistants need not register any hospital event to avoid double entries in the Register of Births and Deaths.

(*vi*) *Financial implications*—The provision of staff and cost involved for the project are shown in the annexed Table No. XIX.

TABLE XIX

Expenditure proposed for Improvement of Registration of Births and Beaths in municipalities according to income and subsidy basis

Annual income in thousand rupees	Total No. of Towns	Staff required		Expenditure to be incurred in Rs. for				Rate of Subsidy in P.C.	Expenditure to be borne by	
		Health Assistant	Statistical Assistant	Health Assistant	Statistical Assistant	Remuneration for Reporters	Total		Town	Government
10—30	11	11	11	13,200	15,180	2,049	30,429	100	..	30,429
30—50	3	3	3	3,600	4,140	49,005	56,745	75	14,186	42,559
50—100	9	11	9	13,200	12,420	2,915	28,535	50	14,267	14,268
100—1,000	63	188	63	191,880	87,060	2,049	280,989	25	210,742	70,247
Above 1,000	2	11	2	13,200	2,760	3,286	19,246	Nil	19,246	Nil
Total	**88**	**224**	**88**	**235,080**	**121,560**	**59,304**	**415,944**		**258,441**	**157,503**

NOTE : (i) Pay scale of Health Assistant—Rs. 55-3-118-4-130
(ii) Pay scale of Statistical Assistant—Rs. 70-3-118-4-150

It has been proposed that each and every municipality should have a Health Officer to look after the Health administration of the municipality irrespective of its size and income as explained before. For the work of registration of births and deaths and vaccination, one Statistical Assistant in each municipality and a Health Assistant for every 20,000 population have been proposed for the proper working of registration of births and deaths and vaccination. Besides, a system of reporting vital events by municipal Sweepers on remuneration basis has also been incorporated. The municipalities which have an annual income of above Rs. 10 lakhs will bear the entire cost and those with an annual income between Rs. 10 lakhs and 1 lakh will be assisted by the Government to the extent of 25 per cent and those with the income between Rs. 1 lakh and and Rs. 50,000/- will also be assisted by the Government to the extent of 50 per cent of the cost and 75 per cent of the cost will by borne by the Government for the municipalities with annual income between Rs. 50,000/- and 30,000-/. The entire cost will have to be borne by Government for the municipalities whose annual income is below Rs. 30,000/- and the cost which will be borne by the Government will be shared equally by the State and the Central Government for the purpose, as per recommendations of the Vital Statistics Committee, Government of India.

Thus it will be seen from the table that an annual expenditure of Rs. 2.58 lakhs will need be incurred by all the municipalities and Rs. 1.57 lakhs by Government. If the share of the expenditure thus involved is considered high by Government, the plan of operation may be restricted initially to 25 per cent of the municipalities of all the income groups in order to reduce the cost so that the project can be started and better results can be achieved at least in those municipalities. All the municipalities may thus gradually be covered in the remaining 4 years of the Third Five-Year Plan period.

APPENDIX II

THE SUGGESTIONS FOR THE IMPROVEMENT OF REGISTRATION OF BIRTHS AND DEATHS AS OFFERED BY THE MUNICIPALITIES

A good many municipalities have offered possible suggestions regarding improvement of registration of births and deaths in the municipalities which are summarised as below. All the suggestions are made subject to necessary financial assistance of the Government in view of the present financial limitations of the municipalities.

(i) Registration office in each ward should be opened under a Sub-Registrar on population basis and working hours of the Registration Office should be conveniently fixed up.

(ii) Additional personnel for collection verification and detection of unregistered births and deaths.

(iii) Prosecution of the defaulters in reporting births and deaths.

(iv) A whole-time Registrar should be appointed for the purpose. He should be given proper training by the Government and the entire expenditure in respect of his pay and allowances should be borne by the Government.

(v) Appointment of one whole-time Inspector exclusively for the purpose.

(vi) Collecting Sarkar in course of their house-to-house visits may also help in getting reports.

(vii) Necessary demands may be created for production of birth and death certificates at Schools, Colleges and places of payment of gratuity, pension and places of appointment, passport etc. by proper legislation, if necessary.

(viii) Proper publicity through mikes, Cinema slides, posters etc. by the Publicity Department.

(ix) Remuneration system to private Dais for prompt reporting to the Central office.

(x) Outdoor staff of the municipalities such as, Conservator Inspector, Vaccinator, Tax Collector, Jamadar etc. should be given a reward @ 25 np for detection of omissions in births and deaths registration as also collection of vital events by means of Hatchittas.

(xi) Municipal boxes (of the size of post boxes) may be provided at suitable places in all the wards which the people may utilize for reporting vital events as also for other municipal affairs *i.e.* giving information about dangerous diseases, complains, non-atterdance of latrines etc. and proper arrangements for regular clearance of the boxes.

(xii) Sanitary Inspectors in course of their daily routine rounds, may also be entrusted with the duties of collecting information of Births and deaths and he should also carry a Verification Register of Births and deaths which should he produced to the Chairman for scrutiny once a week.

(xiii) Medical practitioners and Dais should be compelled by necessary legislation to report cases of vital events.

(xiv) Appointment of a Sub-Registrar for the burning ghat or burial grounds.

(xv) Closer co-operation with the keeper of the burial ground.

(xvi) Co-operation of the Satkar Samittees in respect of registration of deaths for the corpses conveyed by them.

(xvii) Enforcement of registration of private burial grounds.

(xviii) Collection of death reports from the private and municipal burial grounds through private and municipal agencies.

(xix) Fixation of fees for disposal of dead bodies.

(xx) Remuneration of the part-time reporters should be increased.

(xxi) Grant of licence for supply of fuels to burning ghat for burning dead bodies.

(xxii) Registration centres should be opened at the burning ghat and burial grounds.

(xxiii) Appointment of keepers for each burning ghat and burial grounds. He should be provided with a book for the purpose of making necessary entries of particulars of the deceased. The book should be presented for registration purpose once a week by the keeper.

(xxiv) Death certificates should be introduced for recording actual cause of death. If the cause of death is not certified by a qualified doctor of medication practitions should be enquired into by the municipal health authorities.

APPENDIX III

ROLE OF HEALTH CENTRES TOWARDS IMPROVING THE REGISTRATION OF VITAL EVENTS AS WELL AS EFFECTING DECLINE OF DEATH RATES IN THE STATE OF WEST BENGAL

Health Centres are being established with the object of ensuring curative as well as preventive health services to the people in the rural areas of the State. Upto the end of December 1962, 567 Health Centres have been established and about 9,461,087 out-patients and 122,796 indoor cases are being attended to by the Health Centres every year. The above gives an estimate of the extent of the curative services rendered by the Health Centres. Besides the work relating to patients' services, very little is known about the extent of development of public health services being done by the Health Centres. It was thought that the efficiency of public health services in respect of registration, vaccination, family planning, maternity and Child health, school health, etc. could be improved with the introduction of Health Centres if these duties were entrusted to the Health Centres thus established. With this end in view, Health Centres are being tagged with many of these responsibilities to be carried out with or without the help of additional staff for the purpose. People often think that the establishment of Health Centres plays an important part towards the decline of the present death rate in the country and also expect that the death rate in the areas provided with Health Centres is less than that in the areas having no Health Centre and the public health services attain better standard than in other areas in the State of West Bengal. The need of assessment of such problems was thought of, but the study could not be made for want of scope of such special investigation. The data which are being collected under the projects undertaken by this Branch such as—Central Compilation of Health Statistics, Model Health & Ideal Registration Units and Half-yearly Census of births and deaths in the selected villages or houses comprising about 1,000 population, have been utilised as far as possible, to investigate some aspects of the problems.

The results obtained from the Half-yearly Census operation as mentioned above, provide materials to make a comparative study of birth and death rates between villages within the Unions provided with Health Centres where the Rural Medical Officers of Health act as Registrars of Births and Deaths and those of the Unions having no Health Centre where the Sanitary Inspectors are the Registrars of Births and Deaths as shown in the table below:

Table showing comparative study on Vital Registration of the selected villages within the Unions provided with Health Centres having Rural Medical Officers of Health as Registrars and without Health Centres having Sanitary Inspectors as Registrars of Births and Deaths in West Bengal 1962

Particulars	Results of registration of vital events of the selected villages of the Unions Half-Yearly Census	
	Unions provided with Health Centres having Rural Medical Officers of Health as Registrar	Unions not provided with Health Centres having Sanitary Inspectors as Registrars
Number of Units	93	40
Population of the Units	98,929	42,417
Number of births detected in the Units	3,824	1,620
Number of births registered in the Units	2,912	1,117
Number of deaths detected in the Units	1,134	438
Number of deaths registered in the Units	847	345
Birth rate per *mille* on detected events	38.7	38.2
Percentage of omission for births	23.8	27.3
Death rate per *mille* on detected events	11.5	10.3
Percentage of omission for deaths	25.3	21.2

It will reveal from the above table that the birth and death rates between these two areas do not differ materially from one another and their differences are not found to be significant on statistical test. The fact that the percentage of omission in the registration of births is found to be less and that in respect of deaths is more in the villages provided with Health Centres than their respective counterparts, seems to be contradictory and therefore the difference of efficiency of registration between these two areas can obviously be ruled out and has, hence, no significance.

The analysis based on the birth and death rates obtained under the Central Compilation Scheme of the Unions provided with or without Health Centres having the Rural Medical Officers of Health or the Sanitary Inspectors as Registrars of Births and Deaths presents a picture not very different from that derived from the foregoing studies on the Half-Yearly Census of Births and Deaths in the selected villages, as will be evident from the table next page.

Table showing comparative study on Vital Registration of Unions provided with Health Centres having Rural Medical Officers of Health as Registrars and without Health Centres having Sanitary Inspectors as Registrars of Births and Deaths in West Bengal, 1962

Particulars	Results of registration of vital events of the Unions Central Compilation of Health Statistics	
	Unions provided with Health Centres having Rural Medical Officers of Health as Registrars of Births and Deaths	Unions not provided with Health Centres having Sanitary Inspectors as Registrars of Births and Deaths
Number of Unions	22	23
Population of the Unions	299,359*	240,219*
Total registered births of the Unions	9,263	4,686
Total registered deaths of the Unions	2,219	1,690
Birth rate per *mille*	30.9†	19.5
Death rate per *mille*	7.4†	7.0

* Estimated mid-year population, 1962.
† Unadjusted for non-residents and ommissions.

It will reveal that birth and death rates of the Unions provided with Health Centres are greater than those of the Unions having no Health Centre at all, The differences of the birth and death rates between these two areas seem to be apparent than real not only for the fact that many births and deaths of persons coming from outside the Unions are accounted for due to their occurrence in the Health Centres of the Unions which provide better treatment facilities but also for the fact that events occurring in the Health Centres are not missed in the registration of vital events like those in the Unions not provided with Health Centres. It has been observed from the results of the 'Model Health & Ideal Registration Units' project that the percentages of births and deaths occurring in the Health Centres are 47.1 and 16.6 and those for non-resident are no less than 24.3 and 11.5 respectively of the corresponding total events of the Unions as well as the omissions of vital events occurring at home are 63.4 per cent for births and 57.1 per cent for deaths. It will thus appear that the differences of the birth and death rates between these two areas become insignificant when the rates of the Unions provided with Health Centres are so adjusted for the factors relating to non-residents as well as errors in the registration of vital events as the adjusted rates are found to be 18.9 for births and 6.5 for deaths against the birth and death rates of 19.5 and 7.0 respectively for the Unions without Health Centres. The lower values of birth and death rates of the Unions not provided with Health Centres than the corresponding values for the detected events in the selected villages are due to deficiencies of the official registration system. The only benefit thus accrued from the system of having the Rural Medical Officers of Health as the Registrars of Births and Deaths is, that there is no omission in the registration of births and deaths for the events only occurring in the Health Centres and hence justifies the need for adopting suitable measures for ensuring better registration even in the Unions provided with Health Centres

The role of Health Centres towards better registration and effecting decline in mortality has been studied on the basis of the available data without undertaking thorough examination by any special project for the purpose and therefore, the conclusion thus derived may be judged in the light of possible limitations of the investigation.

In the above context, the present position in regard to development of other public health services rendered by the Health Centres can well be imagined and the necessity of assessment and evaluation of the work is keenly felt as a constructive approach to the problem, as is being attempted under the project—'Model Health and Ideal Registration Units' which thus needs to be fully implemented for the overall development of the Health services in the State.

APPENDIX IV

VITAL STATISTICS SPECIAL REPORTS
MAY, 1963

Report
on
Model Health and Ideal Registration Units, West Bengal
January to December, 1962

DIRECTORATE OF HEALTH SERVICES
(VITAL STATISTICS DIVISION)
GOVERNMENT OF WEST BENGAL

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Sample Proforma of Population Register

1. INTRODUCTION

The 'Model Health & Ideal Registration Unit' project was originated on the basis of the results of the Pilot Sample Census operation which was started during November 1959 in collaboration as well as with the financial assistance from the Registrar General, Government of India. Although the assistance from the Registrar General, Government of India, was discontinued with effect from 30th September 1961, the project is being continued in the State for answering the question as to why the present health services fail to discharge their primary obligations in respect of compulsory registration of vital events, primary vaccination and effective health care to the people and also as to how some ideal units could be established for the purpose of demonstrating their utility for future adoption by others. Some of the important causes of such failure which have been accounted for in the project are that the present health services are based on a very weak foundations as the allotted area and responsibility entrusted to a person at the periphery are beyond his capabilities and the programme of work has neither been properly planned on a-priori knowledge of the health problems nor is being periodically assessed and evaluated for its subsequent improvement thus leading the existing operation to a stalemate condition.

In order to rebuild the whole structure on a proper footing, the following procedures have been adopted by the project.

The unions provided with Health Centres which have been taken as the areas under the project, were subdivided into several smaller units as Basic Public Health Units with a population not exceeding 5,000 each. Each such unit is placed under the charge of a whole-time trained staff with specific duties well within his capacity. Complete registration of vital events and vaccination of unprotected persons in the locality are the main assignments and other aspects of health services will be undertaken as and when suitable personnel are provided in future. Details regarding sanitation, vital events, vaccination status, maternity and illness etc. of every household and its members are collected and maintained in the Household Record by systematic periodical house-to-house visit for assessing the results of the operation as well as for furnishing the reports on health problems to the Health Centres on the basis of which the Health Centres render systematic domiciliary maternity and health services to the people.

In order to get active co-operation of the people, responsible persons from each village represeting the members of the Union Health Committee thus formed under the project, act as Village Health Reporters on voluntary basis. The Village Health Reporters intimate the occurrence of vital events and communicable diseases of their respective villages, if any, to the staff at the time of their weekly visits who take notice of the fact on personal verification. The cause of death and differentiation between live and still births in doubtful cases, are determined by the Medical Officer of the Health Centre on personal investigation. The staff also vaccinated the unprotected persons whenever such cases are detected during their house-to-house visit and note the results in the Household Record for further action. The Union Health Committee meet once in a month to devise ways and means for the smooth running of the project.

In fact, the results of the operation are found to be satisfactory as will be evident from the report. Consequently, the services of the Chowkidars as primary reporting agents are being dispensed with and the staff of the Basic Public Health Units are being appointed as Local Registrars of Births and Deaths for their respective areas and the Rural Medical Officers of Health of the Health Centres as Local Registrars of Births and Deaths for the events occurring in the Health Centres only, so that the project may take the place of official registration system in these unions. The integrated plan of working of the Basic Public Health Units with the Health Centres may, therefore, serve as the constructive approach for the development of the health services in the State even when the Gram Panchayet Act is enforced and in that case, the Gram Sevaks may act as Village Health Reporters. The integrated plan covering at least one National Extension Service Block in each district for all-round development of the Blocks in question, is now under consideration of the Government.

The 'Model Health & Ideal Registration Unit' project which was being carried out since 1959 at Matigara and Bagdogra Unions of the Darjeeling district had to be shifted to the Barsul Union of the Burdwan district due to unavoidable circumstances arising out of the Chinese aggression. In order that the field which was already created by the project, might be utilised, other staff were made available by the Chief Medical Officer of Health of the Darjeeling district to continue the operation. The results of complete enumeration of the households of the Barsul Union in the district of Burdwan which was undertaken as a preliminary measure for the project are shown in the Appendix and those of the working of the 'Model Health & Ideal Registration Units' functioning in the State are discussed in the report to supplement the series since its inception.

(a) Objectives

As already indicated in the introduction of the report, the objectives of the project may be summarised as under :

(i) Maintenance of continuous Population Register, estimates of growth of population and health education;

(ii) complete registration of vital events and recording correct cause of death;

(iii) primary vaccination to all unprotected persons and revaccination of population in every 5 years;

(iv) determination of the health problems and maximum utilisation of the staff of the Health Centres for rendering medical and public health services to the people of the locality with their proper assessment and evaluation; and

(v) other *ad-hoc* enquiries.

It will thus be seen that the project endeavours for permanent solution of the problems regarding registration of vital events and vaccination which are found to be utterly defective although these are compulsory according to the provisions of the Acts. It also endeavours to determine the health problems and to measure the work done so that the method of planning for future development in the field can be visualised. It thus acts as a nucleus of all health programmes and development of the project will mean to ensure the ultimate improvement of the health services in the State.

(b) Field of Operation

The project 'Model Health & Ideal Registration Unit' is being carried out in the following Unions already provided with Health Centers as noted below:

(i) Mathurapur Union in the district of 24-Parganas.

(ii) Bandipur Union in the district of Hooghly.

(iii) Duttapulia Union in the district of Nadia, and

(iv) Balarampur in the district of Purulia.

The operation was undertaken independently of the official registration system where Rural Medical Officer of Health of the Health Centre is the Registrar of Births and Deaths for the entire union except Balarampur and vital events occurring in the Health Centre as well as those reported by the Village Chowkidars are recorded in the birth and death registers maintained for the purpose. The Thana Officer acts as Registrar of Births and Deaths for the Balarampur Police Station of the Purulia district including the area covered by the Balarampur Health Centre as taken under the project.

2. METHOD OF WORK

The work of 'Model Health & Ideal Registration Unit' consists of the following operations to be carried out simultaneously as noted below :

(a) Complete Registration.
(b) Sample Survey.
(c) Health Services and Assessment.

(a) Complete Registration

It is complete registration by house-to-house visit by the staff of the Basic Public Health Unit as distinct from the normal registration where people of the areas are to report vital events themselves to the local Registrar of Births and Deaths within the prescribed time. All vital events occurring within the Union are collected within 8 days of occurrence by house-to-house visit by the staff concerned. For this purpose, the area and population of the unions under the project were subdivided into Basic Public Health Units comprising about 5,000 population each and placed under a trained staff. The Union Health Committees were created with one responsible member from each village together with other respectable persons of the locality and the Block Development Officer as Chairman and the Rural Medical Officer of Health of the Health Centre as Secretary, in order to obtain better co-operation of the people. The village representatives taken as members of the Committee act as Village Health Reporters on voluntary basis and report occurrence of births and deaths and communicable diseases in their respective villages, if any, to the staff during their visit. The Birth and Death Registers which are maintained for each of the Basic Public Health Units as well as for the Health Centre for complete registration are kept up-to-date so that all vital events occurring within the Union are entered into the Registers according to the place of occurrence. The staff of the Basic Public Health Unit visit each village within the first 3 days of each week to find out from the Village Health Reporters particulars of households wherein any event that had occurred during the previous week and go to the house in question to take down the particulars of the events for registration purposes. Vital events occurring in the Health Centre of the Union both for residents as well as for others coming from outside the Union, are also recorded every week in the Register of the Health Centre concerned, although events relating to non-residents coming from outside the Union are not taken for calculation of the rates of the vital indices. The Birth and Death Registers are used for one Calendar year. The type of certifier is noted for every case of death in the column provided in the Death Register. Certificates of death are collected from the Private Medical Practitioners whenever such cases are attended to by them during the last illness of the deceased and the cause of death is entered in the Register accordingly. In case of any death not attended to by any Medical Practitioner, a responsible member of the family of the deceased is pursuaded to see the Rural Medical Officer of Health of the Health Centre for eliciting the correct cause of death whenever the Medical Officer of the

Health Centre could not visit those houses due to pre-occupation. The cause of death as recorded in the in-patient card in respect of the patient dying in the Health Centre is entered in the Death Register without any exception. Duplicate copies of Birth and Death Registers are sent to the Headquarters along with other reports within the specified time for analysis.

(b) Sample Survey

With a view to simplifying the work, the following procedures have been adopted from November 1962 in place of the previous system of random sample survey of households in the area :

(*i*) *Selection of sample households*—The households of each of the Basic Public Health Units are made into more or less 3 equal groups *viz.* 'A', 'B' and 'C' so that the households of each group are completely covered by adjacent villages for convenience of survey operation. The households of each group are visited every month in rotation maintaining the order A-B-C so that the whole area of the Basic Public Health Unit is covered within the period of 3 months and in that case one house hold is visited four times a year.

(*ii*) *Method of Survey*—The households of one of the 3 such groups thus selected for the Survey during a month, are visited during the last 3 days of each week by the staff of the another Basic Public Health Unit. Complete registration and the Survey are carried out simultaneously by two different workers without any previous consultation on the subject. All the households of the group are visited during the month of the Survey operation so that the households of the Basic Public Health Unit are covered within 3 months. Any new household or the households which were not included previously, but subsequently detected, are also to be covered under the respective group in question so that no household is missed in the operation.

The Household Record is filled up in respect of each and every house visited during the operation. As the Household Record provides columns for recording six visits, a separate Household Record is attached with the original card after 1½ years as soon as the previous card is filled up, vide copy of the Household Record already circulated in the Appendix of the previous Reports.

All the information of the Household Record except vital events, are recorded as obtained on the date of visit. In order that recording of no vital event occurred during 1962 is missed, the reference period for the survey work which was carried out during the month of November 1962 to March 1963 as required for this report is as under :

Month of Survey	Group of the Basic Public Health Unit	Reference period
November, 1962	A	1.1.62 to 31.10.62
December, 1962	B	1.1.62 to 30.11.62
January, 1963	C	1.1.62 to 31.12.62
February, 1963	A	1.11.62 to 31.12.62 and January, 1963
March, 1963	B	1.12.62 and January, February, 1963

The vital events which were already recorded in the Household Record after 1.1.62 during the previous visits, have been rechecked for correct entry in the Record. After completing the households of the Groups as shown in the above table, the reference period will be 3 months preceeding the month of survey for households of the Group in question.

(*iii*) *Population Register*—A population register is also maintained for each of the Basic Public Health Units of the Unions showing the names of the Head of the family of the Household, with population as residents present and residents absent and visitors present on the date of visit. Every household of the villages of the Union is thus accounted for in the Population Register as indicated in the sample proforma attached in the Appendix and current population under each survey is also recorded in the Population Register.

(*iv*) *Test of Completeness*—It may be noted that vital events occurring in the Health Centre are entered in the Register of Births & Deaths for the Health Centre irrespective of the events relating to residents, visitors of any household of the Union and non-residents coming from outside the Union. But the vital events as recorded in the Survey should only relate to residents and visitors in respect of the households under the Basic Public Health Unit. The Health Centre is not taken as Household for the purpose of Survey. Therefore, vital events occurring in the Health Centre relating to non-residents coming from outside the Union are not entered in the Record of the Survey. All vital events occurring within the Union relating to residents and visitors of the Households of the group of the Basic Public Health Unit in question as recorded in the survey operation, are verified to see whether these were previously registered under complete registration of the Basic Public Health Unit of the Union. In case an event is found to be not previously registered, the same is investigated by both the staff of the Basic Public Health Units concerned before any correction is made in the register and *vice versa*. The

number of such events missed in the Register or in the Survey are counted as 'Omissions' and the percentages of such omissions are shown as the test of incompleteness in the Report.

In order to avoid possibilities of any bias in the test of completeness, a village is also selected from each of the Basic Public Health Units of the Union in rotation by the District Inspector of Health Statistics. The households of the selected village are visited by the District Inspector of Health Statistics in each month and vital events thus detected are compared with those under complete registration for the purpose of an independent check for the correctness of such operation.

(c) Health Services and assessment

The Household Record provides separate sections including "Characteristics of Household Members" where status of members of the household in respect of vaccination, Cholera inoculation, maternity and illness is recorded whenever a household is visited in course of the Survey operation. The information regarding each and every member of the family as to whether he is vaccinated or never vaccinated or whether he had Cholera inoculation during the last 6 months as well as information regarding pregnancy and aucte illness necessitating confinement to bed in a family, are collected and recorded in the Household Record against each and every member of the family, as the case mey be, at each visit during the Survey operation. The staff of the project were previously trained for the vaccination work and whenever any unprotected person is so detected, he is vaccinated by the staff and the results of the operation is recorded in the Household Record. In this way, primary vaccination to all unprotected persons is being carried out on the basis of the information recorded in the Household Record. Recently, the staff of the project have been instructed to undertake the work of re-vaccination of the entire population within every 5 years and for this purpose each staff of the Basic Public Health Unit vaccinates about 20 persons per week or 40 persons in a fortnight so that each person is re-vaccinated systematically at 5 years interval.

The information in respect of the households regarding inoculation against Cholera, maternity cases and cases of acute illness as detected during the survey is reported to the Rural Medical Officer of Health of the Health Centre every day and the services rendered by the staff of the Health Centre to the Households in need of such services, are recorded in the Requisition Form already prepared for the purpose. This procedure has been found to be helpful for rendering systematic domiciliary maternity and health services to the people and assessing the activities of the staff of the Health Centre. Besides, health education programmes in respect of family planning for selected houses, compulsory registration of births and deaths, introduction of birth certificates for the infants born after 1.1.63 are also being carried out as a routine measure and the response of the people is noted as given in the Report.

3. SOURCES OF THE DATA

The data of this Report were tabulated from the following 3 sources :

(i) Birth & Death Register under complete registration,

(ii) Birth & Death Register under official registration, and

(iii) Household Records, Requisition Forms for the houses surveyed during the period.

4. RESULTS OF THE OPERATION

The results of complete registration as well as survey for the year 1962 together with the health activities undertaken in the project are shown in the tables presented in this Report.

(a) Households and Population

It will appear that all Households of the Unions under the project are completely covered within a period of 3 months as households of each of the 3 groups of the Basic Public Health Units are successively enumerated each month of the Survey in rotation during the period from November 1962 to January 1963. Distribution of households and population of the groups of the Basic Public Health Units of the Unions as enumerated under the project are shown in the Table No. 1.01 in the Appendix. It will be seen that the Unions under the project consist of 72 villages comprising 9,291 households with a population of 51,672 during December 1962 showing 5.6 as the average size per household. The estimated population as on December 1962 calculated on the basis of the natural increase due to excess of births over deaths during the period from July 1961 to December 1962 based on 1961 mid-year population, comes to 51,875 against 51,672 as counted during the Survey, showing that the effect of migration on the growth of population is negative to the extent of 0.4 per cent.

In order to determine how much the growth of population is contributed by natural increase due to excess of births over deaths and how much is due to migration, population of the groups counted at the beginning and end of the 3 months period and births and deaths detected during the interval are shown in the table as overleaf :

Unions	Groups	Population at the beginning and end of 3 months period		Vital events detected during the 3 months interval		Increase in population in percentage	
		Beginning	End	Birth	Death	Excess of births over deaths	Migration
Mathurapur	A	6,232	6,282	64	23	82.0	+18.0
	B	5,065	5,095	55	21	113.3	−13.3
Duttapulia	A	2,953	2,982	38	11	93.1	+ 6.9
	B	2,697	2,723	32	11	80.8	− 19.2
Bandipur	A	4,713	4,745	51	12	121.9	−21.9
	B	4,928	4,965	61	12	132.4	−32.4
Balarampur	B	3,840	3,884	38	9	69.9	+34.1
Total	*A*	*13,898*	*14,009*	*153*	*46*	*96.4*	*3.6*
	B	*16,530*	*16,667*	*186*	*53*	*97.1*	*2.9*
Grand Total		**30,428**	**30,676**	**339**	**99**	**96.8**	**3.2**

It will appear that the percentages of contribution due to natural increase and migration are 96.8 and 3.2 respectively which on the other hand shows that the percentage of increase of population per year is 3.2 for natural increase and 0.11 for migration.

The estimated mid-year population of 1962, as calculated from the population obtained during the survey on the basis of natural decrease, which has been taken for calculation of the rates, is shown as under :

Unions	Estimate mid-year population		Increase of population in percentage
	1961	1962	
Mathurapur	16,665	17,008	2.1
Duttapulia	7,838	8,212	4.8
Bandipur	14,019	14,096	0.5
Balarampur	11,136	11,735	5.4
Total	**49,658**	**51,051**	**2.8**

The percentage increase of population which has been calculated from the mid-year estimated population of 1962 over 1961 differs from that obtained under the survey of population of the groups as shown in the table prepage to the extent of 0.5 which might be due to error inestimation of the mid-year population.

The distribution of population of the unions according to communities and age groups is shown in the Tables 1.02 and 1.03 in the Appendix. It will be seen that the percentage of population as shared by the Caste Hindus is 68.98 while those by the Scheduled Castes, Muslims and Scheduled Tribes are 19.16, 11.11 and 0.7 respectively. The males exceed the females by 3.8% and the ratio of males to 100 females is 108.1.

(b) Vital Statistics

It may be noted in this connection that the registration of vital events of the areas under the project as well as under the official registration system is done according to the place of occurrence while the vital events registered under the project are tabulated according to the date of occurrence and those of the official registration system are done by date of registration. The vital events occurring in the Health Centres relating to those coming from outside the Union for better treatment facilities, are not accounted for the calculation of the rates presented in this Report.

The chief vital events as recorded under the project *vis-a-vis* the official registration system as given below, show the gross defects in the latter system.

Vital events	Complete registration according to date of occurrence			Official registration tabulated according to date of registration
	1960	1961	1962	1962
Birth rate per mille	*39.5*	*39.6*	*41.8*	*23.1*
Death rate per *mille*	13.4	12.7	12.9	6.0
Infant mortality rate per 1,000 live births	114.3	109.8	106.3	65.4* (provisional)

* Relates to the State of West Bengal for 1962.

From the Tables 1.04 and 1.05 as given in the Appendix, it will be seen that the results of vital registration work of the project are found complete to the extent of 99 per cent for births as well as for deaths and the percentages of events missed under the Survey for births and deaths are 1.0 and 1.2 respectively. The reference period of the Survey according to the new procedure adopted during November 1962 was 10 to 12 months at the initial stages and will be reduced to 3 months as usual in the subsequent operations and such long reference period was found responsible for missing vital events in Survey operation specially in respect of households found vacated on the date of visit. An independent sample checking of households by house-to-house visit by the District Inspector of Health Statistics also confirmed the completeness of registration of vital events under the project.

The omissions of the official registration system in respect of vital events occurring at home were found to be 63.4 per cent for births and 57.1 per cent for deaths as shown in the Table 1.06 in the Appendix on the assumption that the number of vital events under the offi ial registration system during the period according to date of registration and date of occurrence is almost of the same order. It will thus be seen that the official registration system remains defficient and seems to be not very much improved even under the influence of the operation of the project.

The chief vital events which have been described above only relate to the areas under the project. It will be interesting to compare the results of the operation of the project with those of half-yearly census of selected houses of villages in the rural areas of the State for 1962 as revealed from the Report published on the subject. According to the half-yearly census operation, the estimates of birth and death rates during 1962 for the rural State excluding Darjeeling district are 38.4 and 11.1 with their standard errors of 0.04 and 0.02 respectively, which are found to be little less than the results of the 'Model Health & Ideal Registration Unit' project owing to the limitations of the half-yearly census operation as explained in the Report on the subject.

(c) Vital events according to place of occurrence and type of attendance

Table 1.07 in the Appendix shows the distribution of vital events according to place of occurrence and type of attendance in the areas under the project. It will be seen that vital events that occurred in the Health Centres relate to 47.1 per cent for total births and 16.6 per cent for total deaths and 24.3 per cent of total births and 11.5 per cent of total deaths were non-residents as shown in the Table in the Appendix. Births attended at home either by physicians or by trained Dais cover only 5.4 per cent of the total domiciliary births and the remaining 47.5 per cent were confined by untrained Dais and others, which indicates that the existing facilities should be suitably augmented either by increasing the beds in the Hospitals or by providing trained midwives to cope with the problems. Apart from deaths occurring in the Health Centres, the percentage of total deaths attended at home by Allopathic medical practitioners are 23.2 per cent and the rest by persons belonging to other system of medicine. It will be seen from the Table 1.08 in the Appendix that 16.3 per cent cases of total stillbirths occurred at home and the rest in the Health Centres. Stillbirths which occurred at home could neither be detected nor recorded under the official registration system.

(d) Vital events by communities

Table 1.09 in the Appendix shows the distribution of vital events by different communities. It will reveal that the Scheduled Tribes recorded maximum birth rate of 50.2 as against 42.7 by the Caste Hindus, 37.6 by Scheduled Castes and 43.3 by Muslims and others. The maximum death rate of 22.3 per *mille* was also recorded by Scheduled Tribes followed by 19.0 by Muslims and others, 13.3 by Scheduled Castes and only 11.8 by Caste Hindus.

(e) Vital events by month of occurrence and period of registration

The figures of the Table 1.10 in the Appendix were tabulated to show the lag period between the date of occurrence and registratoin of vital events under the project. It will appear that 90.9 per cent of total births and 85.1 per cent of total deaths were registered within 8 days of occurrence and those registered within one month were found to be 99.4 per cent for births and 98.9 per cent for deaths. Thus, the vital events by months of occurrence as given under Table No. 1.11 in the Appendix will indicate the true picture of the seasonal variation. Tabulation of vital events under the official registration system by months of registration as presented in the Table 1.12 in the Appendix found to differ materially with those presented in the Table 1.11 in the Appendix, under the project.

(f) Deaths by age-groups

Distribution of death rates by age groups for 1961 and 1962 is shown in the Table 1.13 in the Appendix. It will be seen that the death rates for all the age-groups below 44 years are less in 1962 than those in 1961. Proportionate mortality of the age-groups "45 years and above" to total deaths was 46 for 1962 against 35 for 1961 thus showing

marked improvement in the health condition of the area under the project in the year 1962, although there is apparent increase of death rate in 1962 over 1961 which is found to be insignificant. The improvement of health in 1962 can also be visualised from the fact that infant mortality for the year 1962 was found to be 106.3 against 109.8 in the previous year.

(g) Deaths from specific diseases

From Table 1.14 in the Appendix, it will be seen that not a single case of death from Malaria, Cholera and Small-pox occurred in the areas under the project during the year 1962. Maternal mortality rate per thousand live and stillbirths was found to be 7.8 while the death rates due to Tuberculosis and Dysentery were 0.4 and 0.9 respectively. The diseases of early infancy showed a death rate of 92.7 per thousand live births as shown in the table against the infant death rate of 106.3 presented in the Table 1.13 in the Appendix and the reason for such difference is due to the fact that all diseases contributing to infant death rate are not included under the 'Diseases of Early Infancy' according to the International Classification of Diseases.

(h) Health care activities

Although the scheme aims to provide antenatal care to all pregnant mothers, domiciliary confinement by trained midwives and domiciliary treatment of bed-ridden cases who are unable to visit the Health Centres, as well as to give primary vaccination to all unprotected children, the results of the operation which have been carried out are shown in the Table 1.15 in the Appendix. The staff of the project have been made responsible not only for giving primary vaccination to all unprotected children but also for ensuring complete re-vaccination of the entire population at 5 years interval.

Activities relating to other aspects of the scheme are dependent on the marginal time of the staff of the Health Centre. It will appear that percentage of unprotected persons detected during the Survey operation was 2.1 of which 1.7 per cent was vaccinated by the staff during the Survey operation, leaving about 0.4 per cent of unprotected persons at the end of the operation. The results relating to re-vaccination as recently adopted will be shown in the subsequent Report. Out of 883 mothers found to be pregnant, antenatal care could be made possible for 529 cases only and the staff who were available could not be properly utilised by the Rural Medical Officers of the Health Centres. The total bed-ridden cases of 1,834 were detected during the survey giving a prevalance rate of 3.6 per hundred population out of which 1,238 of such cases were requisitioned for domiciliary care and 317 cases were attended to by the Medical Officers of the Health Centres. Besides, 2,798 inoculations against Cholera were carried out by the staff of the Health Centre during the period. Distribution of UNICEF milk to all pregnant and nursing mothers and school children in the areas under the project is being continued for improving their nutritional status. Although the Government sanction for providing squatting plates with water seal free of cost to about 900 houses of the Basic Public Health Unit—Mathurapur, was obtained during the last part of the financial year 1962, the same could not be supplied. It is, however, hoped that the Chief Engineer, Public Health Engineering Department will be able to supply the squatting plates during the financial year 1963-64 for which they have already been requested.

Regarding the health education programme, the people and the staff of the project as well as those of the Health Centres have been entrusted with specific responsibilities. Some of them have previously been explained while those relating to the people are that the legal registrants should register vital events at the registration offices within the prescribed period and take instructions from the Rural Medical Officers of Health of the Health Centres in case of death specially when death is due to communicable diseases as well as birth certificates of new born babies within a period of one year of such birth for utilising it as a permanent record as well as for recording particulars of future immunisation services of the child for which provision has been made in the certificate.

It may be realised that the task of inducing people to adopt these principles voluntarily, depends on prolonged and sustained efforts. Measurement of the progress towards these objectives seems to be essential and whatever has been achieved in the field at the initial stage is given in the Report for follow up purposes.

Out of 585 births and 222 deaths occurring at home in the Mathurapur union, Village Health Reporters reported 92.8 per cent of births and 94.1 per cent of deaths while the local guardians attended the Registration Office for registering 3.8 per cent of births and 1.8 per cent of deaths respectively. Birth certificates were issued to 50 new born children during 1962 for the areas under the project. Causes of deaths certified by the Allopathic Medical Practitioner as well as those verified by the Rural Medical Officers of Health of the Health Centres cover only 26.8 per cent of the total deaths as shown in the Table 1.16 in the Appendix.

Besides, necessary arrangement for detection of Leprosy cases in the Balarampur area of the Purulia district as well as detection of T.B. cases in the Mathurapur union of the 24-Parganas district by means of mass miniature X-Ray and by Mantoux test and immunisation by B.C.G. vaccination are also being contemplated by the respective Branches of the Directorate of Health Services.

5. CONCLUSION

Considering the fact that the present registration system and the work of vaccination against Smallpox which are the two basic items of public health work, are found to be grossly defective and the Health Centres are lacking not only in providing complete medical and public health coverage, but also in ensuring complete and correct data on health statistics to determine the health problems of the area, it is felt that the situation is not likely to improve unless the present area and population covered by the Health Centres are subdivided into several Basic Public Health Units not exceeding 5,000 population each and kept under a whole-time trained staff with specific duties well within his capacity for the purpose. The creation of such Basic Public Health Units seems to be imperative not only for ensuring complete registration of vital events and vaccination, but also for determining the health problems and to measure the work done by the staff already provided for the purpose so that the future programme of health services in respect of environmental sanitation, water supply, antenatal care and domiciliary confinement by trained midwives etc. can be visualised and given effect to by suitably strengthening these Units by stages.

The 'Model Health & Ideal Registration Unit' project which is functioning in this State with the above principles, has been found to be effective during its 3 years of existence, as coverage of registration of vital events to the extent of 98 per cent and bringing down the unprotected persons below the level of 2 per cent in the areas were made possible under the project. As the present health services are based on a very weak foundation it is felt that it should rest on a very strong base like that of Basic Public Health Units and development of such Units will mean—to ensure ultimate improvement of health services in the State. Therefore, the integrated project of 'Model Health & Ideal Registration Unit' with the Health Centres in the National Extension Service Blocks for all-round development of the Blocks in question, seems to be the only constructive approach and justified for the development of health services in the State in future.

TABLE 1.01

Houses, Villages and Population of the Selected Unions by Basic Public Health Units under different groups during the period November 1962 to January 1963

Name of the Unions	Basic Public Health Units	Group A (Nov. '62)			Group B (Dec. '62)			Group C (Jan. '63)			Total		
		No. of houses	No. of villages	Defacto population	No. of houses	No. of villages	Defacto population	No. of houses	No. of villages	Defacto population	No. of houses	No. of villages	Defacto population
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Mathurapur	1	271	1	1,650	137	1	787	193	1	970	601	3	3,407
	2	240	2	1,121	130	2	835	266	2	1,277	636	6	3,233
	3	171	2	866	180	2	1,018	221	3	1,165	572	7	3,049
	4	263	1	1,376	251	1	1,151	205	1	1,130	719	3	3,657
	5	235	4	1,219	244	2	1,274	274	2	1,368	753	8	3,861
	Total	*1,180*	*10*	*6,232*	*942*	*8*	*5,065*	*1,159*	*9*	*5,910*	*3,281*	*27*	*17,207*
Duttapulia	1	170	1	1,011	140	1	756	161	1	840	471	3	2,607
	2	186	1	944	206	3	1,046	208	1	960	600	5	2,950
	3	191	1	998	154	1	895	182	2	876	527	4	2,769
	Total	*547*	*3*	*2,953*	*500*	*5*	*2,697*	*551*	*4*	*2,676*	*1,598*	*12*	*8,326*
Bandipur	1	148	3	1,089	187	5	1,216	217	1	1,340	552	9	3,645
	2	208	2	1,562	135	2	970	158	4	974	501	8	3,506
	3	205	1	1,256	223	2	1,402	111	1	833	539	4	3,491
	4	112	2	806	201	2	1,340	171	1	1,474	484	5	3,620
	Total	*673*	*8*	*4,713*	*746*	*11*	*4,928*	*657*	*7*	*4,621*	*2,076*	*26*	*14,262*
Balarampur	1	254	1	1,337	255	Same	1,253	257	Same	1,340	766	1	3,930
	2	244	3	1,297	246	village	1,257	247	village	1,237	737	3	3,791
	3	277	3	1,386	278	of Gr. 'A'	1,330	278	as Gr. 'A'	1,440	833	3	4,156
	Total	*775*	*7*	*4,020*	*779*		*3,840*	*782*		*4,017*	*2,336*	*7*	*11,877*
Grand Total		**3,175**	**28**	**17,918**	**2,967**	**24**	**16,530**	**3,149**	**20**	**17,224**	**9,291**	**72**	**51,672**

TABLE 1.02

Estimated Mid-year Defacto Population of the Selected Unions by Sex and Religion, 1962

Name of the Unions	Caste Hindu			Scheduled Caste			Scheduled Tribe			Muslims			Others			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
Mathurapur	7,150	7,016	14,166	818	631	1,449	..	..	..	710	683	1,393	..	..	..	8,678	8,330	17,008
Duttapulia	1,346	1,246	2,592	1,551	1,545	3,096	1	2	3	1,340	1,181	2,521	..	..	..	4,238	3,974	8,212
Bandipur	6,028	5,727	11,755	774	582	1,356	144	117	261	390	320	710	14	..	14	7,350	6,746	14,096
Balarampur	3,681	3,018	6,699	1,978	1,904	3,882	41	54	95	551	496	1,047	..	12	12	6,251	5,484	11,735
Total	**18,205**	**17,007**	**35,212**	**5,121**	**4,662**	**9,783**	**186**	**173**	**359**	**2,991**	**2,680**	**5,671**	**14**	**12**	**26**	**26,517**	**24,534**	**51,051**
Percentage to total			*68.98*			*19.16*			*0.70*			*11.11*			*0.05*	*51.9*	*48.1*	*100.0*

TABLE 1.03

Estimated Mid-year Defacto Population of the Selected Unions by Sex and Age-groups, 1962

Name of the Unions	Under 1 year		1-4 years		5-14 years		15-44 years		45-64 years		65 & above		Total		
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Mathurapur	420	270	1,640	1,430	1,514	1,575	3,167	3,155	1,219	1,185	718	715	8,678	8,330	17,008
Duttapulia	180	190	623	566	1,093	1,075	1,752	1,602	434	427	156	114	4,238	3,974	8,212
Bandipur	249	231	918	945	2,102	1,987	3,004	2,702	881	710	196	171	7,350	6,746	14,096
Balarampur	186	145	677	600	1,502	1,338	2,973	2,510	763	770	150	121	6,251	5,484	11,735
Total	**1,035**	**836**	**3,858**	**3,541**	**6,211**	**5,975**	**10,896**	**9,969**	**3,297**	**3,092**	**1,220**	**1,121**	**26,517**	**24,534**	**51,051**

TABLE 1.04

Total Births detected under different groups of the Selected Areas for 1962 surveyed during the period from November 1962 to January 1963

Name of the selected Unions	Group A						Group B					
			Extent of incompleteness under						Extent of incompleteness under			
			Complete Regn.		Survey				Complete Regn.		Survey	
	Population	No. of Births	No.	Percentage	No.	Percentage	Population	No. of Births	No.	Percentage	No.	Percentage
1	2	3	4	5	6	7	8	9	10	11	12	13
Mathurapur	6,232	255	2	0.8	2	0.8	5,065	213	2	0.9	2	0.9
Duttapulia	2,953	140	2	1.4	1	0.7	2,697	127	2	1.6	1	0.8
Bandipur	4,713	216	1	0.5	4	1.9	4,928	207	2	1.0	3	1.4
Balarampur	4,020	169	1	0.6	2	1.2	3,840	105	2	1.9	3	2.9
Total	**17,918**	**780**	**6**	**0.8**	**9**	**1.2**	**16,530**	**652**	**8**	**1.2**	**9**	**1.4**

Name of the selected Unions	Group C						Total					
			Extent of incompleteness under						Extent of incompleteness under			
			Complete Regn.		Survey				Complete Regn.		Survey	
	Population	No. of Births	No.	Percentage	No.	Percentage	Population	No. of Births	No.	Percentage	No.	Percentage
1	14	15	16	17	18	19	20	21	22	23	24	25
Mathurapur	5,910	240	2	0.8	1	0.4	17,207	708	6	0.8	5	0.7
Duttapulia	2,676	129	2	1.6	1	0.8	8,326	396	6	1.5	3	0.8
Bandipur	4,621	185	2	1.1	4	2.2	14,262	608	5	0.8	11	1.8
Balarampur	4,017	149	2	1.3	2	1.3	11,877	423	5	1.2	7	1.7
Total	**17,224**	**703**	**8**	**1.1**	**8**	**1.1**	**51,672**	**2,135**	**22**	**1.0**	**26**	**1.0**

NOTE : Excluding events of non-residents coming from outside the union.

TABLE 1.05

Total Deaths detected under different groups of the Selected Areas for 1962 surveyed during the period from November 1962 to January 1963

Name of the selected Unions	Group A						Group B					
			Extent of incompleteness under						Extent of incompleteness under			
			Complete Regn.		Survey				Complete Regn.		Survey	
	Population	No. of Deaths	No.	Percentage	No.	Percentage	Population	No. of Deaths	No.	Percentage	No.	Percentage
1	2	3	4	5	6	7	8	9	10	11	12	13
Mathurapur	6,232	89	2	2.2	..	..	5,065	66	..	..	..	..
Duttapulia	2,953	44	1	2.3	1	2.3	2,697	43	1	2.3	2	4.7
Bandipur	4,713	55	1	1.8	..	..	4,928	53	..	..	..	..
Balarampur	4,020	46	..	..	1	2.2	3,840	41	1	2.4	1	2.4
Total	**17,918**	**234**	**4**	**1.8**	**2**	**0.9**	**16,530**	**203**	**2**	**1.0**	**3**	**1.5**

Name of the selected Unions	Group C						Total					
			Extent of incompleteness under						Extent of incompleteness under			
			Complete Regn.		Survey				Complete Regn.		Survey	
	Population	No. of Deaths	No.	Percentage	No.	Percentage	Population	No. of Deaths	No.	Percentage	No.	Percentage
1	14	15	16	17	18	19	20	21	22	23	24	25
Mathurapur	5,910	80	..	..	..	..	17,207	235	2	0.9	..	..
Duttapulia	2,676	44	..	..	2	4.5	8,326	131	2	1.5	5	3.8
Bandipur	4,621	54	..	..	..	..	14,262	162	1	0.6	..	..
Balarampur	4,017	46	..	..	1	2.2	11,877	133	1	0.8	3	2.3
Total	**17,224**	**224**	..	..	**3**	**1.3**	**51,672**	**661**	**6**	**0.9**	**8**	**1.2**

NOTE : Excluding events of non-residents coming from outside the union.

TABLE 1.06

Births and Deaths under Complete Registration vis-a-vis Official Registration System of the Selected Areas by Place of Occurrence during the Year 1962

Name of the Unions	Type of events	Complete Registration						Official Registration					
		Total	Home	Hospital		Rate per *mille* per annum (Ex. N.R.)	Percentage of non-resident to total	Total	Home	Hospital		Rate per *mille* per annum (Ex. N.R.)	Percentage of omission to total detected at home
				Resident	Non-Resident					Resident	Non-Resident		
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Mathurapur	Birth	1,019	585	123	311	41.6	30.5	685	251	123	311	22.0	57.1
	Death	297	222	13	62	13.8	20.9	170	95	13	62	6.3	57.2
Duttapulia	Birth	564	244	152	168	48.2	29.7	498	178	152	168	40.2	27.0
	Death	145	120	11	14	16.0	9.6	112	87	11	14	11.9	27.5
Bandipur	Birth	808	259	349	200	43.1	24.8	660	111	349	200	32.6	57.1
	Death	170	151	11	8	11.5	4.7	101	82	11	8	6.6	45.7
Balarampur	Birth	431	406	17	8	36.0	1.9	23	7	8	8	1.3	98.3
	Death	135	130	3	2	11.3	1.5	8	3	3	2	0.5	97.7
Total	**Birth**	**2,822**	**1,494**	**641**	**687**	**41.8**	**24.3**	**1,866**	**547**	**632**	**687**	**23.1**	**63.4**
	Death	**747**	**623**	**38**	**86**	**12.9**	**11.5**	**391**	**267**	**38**	**86**	**6.0**	**57.1**

TABLE 1.07

Births and Deaths under Complete Registration by Place of Occurrence and Type of Treatment of the Selected Unions during the Year 1962

Name of the Unions	Births							Deaths						
				Attended at home by whom							Attended at home by whom			
	Total	Hospital	Home	Physician	Trained Dai	Untrained Dai	Others	Total	Hospital	Home	Allopathic	Homeopathic	Unani	Others
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Mathurapur	1,019	434	585	41	28	301	215	297	75	222	40	92	..	90
Duttapulia	564	320	244	7	11	50	176	145	25	120	27	28	7	58
Bandipur	808	549	259	11	29	142	77	170	19	151	39	21	..	91
Balarampur	431	25	406	...	25	370	11	135	5	130	67	25	2	36
Total	**2,822**	**1,328**	**1,494**	**59**	**93**	**863**	**479**	**747**	**124**	**623**	**173**	**166**	**9**	**275**
Percentage to total	*100.0*	*47.1*	*52.9*	*2.1*	*3.3*	*30.5*	*17.0*	*100.0*	*16.6*	*83.4*	*22.2*	*22.2*	*1.2*	*36.8*

TABLE 1.08

Still Births under Complete Registration vis-a-vis Official Registration System of the Selected Unions during the Year 1962

Name of the Unions	Complete Registration					Official Registration				
			Hospital		Rate per 1,000 live & still births (Ex. N.R.)			Hospital		Percentage of omission to total detected at home
	Total	Home	Resident	Non-Resident		Total	Home	Resident	Non-Resident	
1	2	3	4	5	6	7	8	9	10	11
Mathurapur	45	4	11	30	20.7	41	..	11	30	100.0
Duttapulia	29	2	12	15	34.1	27	..	12	15	100.0
Bandipur	12	5	5	2	16.2	7	..	5	2	100.0
Balarampur	6	4	1	1	11.7	2	..	1	1	100.0
Total	**92**	**15**	**29**	**48**	**20.2**	**77**	..	**29**	**48**	**100.0**
Percentage to total	*100.0*	*16.3*	*31.5*	*52.2*	..	*100.00*	..	*37.7*	*62.3*	*100.00*

TABLE 1.09

Births and Deaths under Complete Registration by Religion and Sex for theSelected Unions during the Year 1962

Name of the Unions	Type of events	Hindus						Scheduled Tribe			Muslim and others			Total			Male per 100 Female
		Caste Hindu			Scheduled Caste												
		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
Mathurapur	Birth	330	308	638	15	16	31	..	..	..	26	13	39	371	337	708	110.1
	Death	99	87	186	14	11	25	..	..	..	12	12	24	125	110	235	113.6
Duttapulia	Birth	30	31	61	88	82	170	..	..	..	82	83	165	200	196	396	102.0
	Death	11	10	21	27	24	51	..	..	..	30	29	59	68	63	131	108.0
Bandipur	Birth	271	245	516	28	21	49	7	6	13	22	8	30	328	280	608	117.1
	Death	64	58	122	11	9	20	4	2	6	8	6	14	87	75	162	116.0
Balarampur	Birth	154	133	287	70	48	118	3	2	5	7	6	13	234	189	423	123.8
	Death	48	37	85	15	20	35	1	1	2	7	4	11	71	62	133	114.5
Total	**Birth**	**785**	**717**	**1,502**	**201**	**167**	**368**	**10**	**8**	**18**	**137**	**110**	**247**	**1,133**	**1,002**	**2,135**	**113.1**
	Death	**222**	**192**	**414**	**67**	**64**	**131**	**5**	**3**	**8**	**57**	**51**	**108**	**351**	**310**	**661**	**113.2**
Rate per mille	*Birth*	*22.3*	*20.4*	*42.7*	*20.5*	*17.1*	*37.6*	*27.9*	*22.3*	*50.2*	*24.0*	*19.3*	*43.3*	*22.2*	*19.6*	*41.8*	..
	Death	*6.3*	*5.5*	*11.8*	*6.8*	*6.5*	*15.3*	*13.9*	*8.4*	*22.3*	*10.0*	*9.0*	*19.0*	*6.9*	*6.0*	*12.9*	..

NOTE: Excluding events of non-residents coming from outside the union.

TABLE 1.10

Births and Deaths under Complete Registration by Months of Occurrence and Period of Registration for the Year 1962

Months of occurrence	Period of registration of vital events: Births 0—8 days	Births 8 days—1 month	Births 1 month—6 months	Births 6 months—12 months	Births Total	Deaths 0—8 days	Deaths 8 days—1 month	Deaths 1 month—6 months	Deaths 6 months—12 months	Deaths Total
1	2	3	4	5	6	7	8	9	10	11
January	177	34	11	..	222	43	6	3	..	52
February	162	36	7	..	205	40	10	5	..	55
March	178	45	..	..	223	44	17	..	..	61
April	214	21	..	..	235	49	12	..	..	61
May	198	24	..	..	222	42	14	..	..	56
June	213	19	..	..	232	54	11	..	..	65
July	201	10	..	..	211	57	9	..	..	66
August	226	7	..	..	233	66	6	..	..	72
September	219	11	..	..	230	59	7	..	..	66
October	270	10	..	..	280	61	4	..	..	65
November	287	8	..	..	295	63	3	..	..	66
December	220	14	..	..	234	58	4	..	..	62
Total	**2,565**	**239**	**18**	..	**2,822**	**636**	**103**	**8**	..	**747**
Percentage to total	*90.9*	*8.5*	*0.6*	..	*100.0*	*85.1*	*13.8*	*1.1*	..	*100.0*

TABLE 1.11

Total Births and Deaths as per Complete Registration in the Selected Areas by Months of Occurrence during the Year 1962

Months of the year 1962	Births: Mathurapur No.	Mathurapur Rate	Duttapulia No.	Duttapulia Rate	Bandipur No.	Bandipur Rate	Balarampur No.	Balarampur Rate	Total No.	Total Rate	Deaths: Mathurapur No.	Mathurapur Rate	Duttapulia No.	Duttapulia Rate	Bandipur No.	Bandipur Rate	Balarampur No.	Balarampur Rate	Total No.	Total Rate
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
January	53	37.4	29	42.4	58	49.3	29	29.7	169	39.7	16	11.3	10	14.6	10	8.5	8	8.2	44	10.3
February	50	35.3	30	43.8	48	40.9	32	32.7	160	37.6	11	7.8	9	13.2	15	12.8	12	12.3	47	11.0
March	55	38.8	35	51.1	53	45.1	33	33.7	176	41.4	15	10.6	15	21.9	12	10.2	12	12.3	54	12.7
April	59	41.6	36	52.6	50	42.6	34	34.8	179	42.1	16	11.3	13	19.0	14	11.9	12	12.3	55	12.9
May	58	40.9	32	46.8	46	39.2	32	32.7	168	39.5	18	12.7	10	14.6	10	8.5	12	12.3	50	11.8
June	62	43.7	32	46.8	47	40.0	38	38.9	179	42.1	24	16.9	10	14.6	14	11.9	13	13.3	61	14.3
July	64	45.2	32	46.8	41	34.9	34	34.8	171	40.2	27	19.0	11	16.1	11	9.4	10	10.2	59	13.9
August	62	43.7	32	46.8	48	40.9	41	41.9	183	43.0	26	18.3	10	14.6	16	13.6	14	14.3	66	15.5
September	62	43.7	34	49.7	50	42.6	36	36.8	182	42.8	21	14.8	11	16.1	13	11.1	13	13.3	58	13.6
October	63	44.4	35	51.1	56	47.7	37	37.8	191	44.9	21	14.8	11	16.1	17	14.5	7	7.2	56	13.2
November	65	45.9	36	52.6	57	48.5	40	40.9	198	46.5	20	14.1	10	14.6	16	13.6	10	10.2	56	13.2
December	55	38.8	33	48.2	54	46.0	37	37.8	179	42.1	20	14.1	11	16.1	14	11.9	10	10.2	55	12.9
Total	**708**	**41.6**	**396**	**48.2**	**608**	**43.1**	**423**	**36.6**	**2,135**	**41.8**	**235**	**13.8**	**131**	**16.0**	**162**	**11.5**	**133**	**11.3**	**661**	**12.9**

NOTE : Excluding events of non-residents coming from outside the Union.

TABLE 1.12

Births and Deaths under Official Registration System of the Selected Unions by Months of Registration during the Year 1962

Months of the year 1962	Births										Deaths									
	Mathurapur		Duttapulia		Bandipur		Balarampur		Total		Mathurapur		Duttapulia		Bandipur		Balrampur		Total	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
January	23	16.2	15	21.9	41	34.9	1	1.0	80	18.8	5	3.5	5	7.4	4	3.4	1	1.0	15	3.5
February	21	14.8	17	24.8	44	37.5	..	..	82	19.3	4	2.8	7	10.3	10	8.5	1	1.0	22	5.2
March	43	30.3	34	49.7	44	37.5	..	..	121	28.4	8	5.6	13	19.3	8	6.8	..	..	29	6.8
April	37	26.1	31	45.3	37	31.5	..	..	105	24.7	7	4.9	12	17.8	10	8.5	..	..	29	6.8
May	31	21.9	30	43.8	39	33.2	3	3.1	103	24.2	8	5.8	5	7.4	5	4.3	1	1.0	19	4.5
June	37	26.1	27	39.5	36	30.6	4	4.1	104	24.4	12	8.5	6	8.9	10	8.5	2	2.0	30	7.1
July	31	21.9	25	36.5	22	18.7	2	2.0	80	18.8	13	9.2	9	13.3	9	7.7	1	1.0	32	7.5
August	26	18.3	30	43.8	35	29.8	3	3.1	94	22.1	9	6.3	9	13.3	6	5.1	..	..	24	5.6
September	22	15.5	29	42.4	42	35.8	2	2.0	95	22.3	8	5.6	9	13.3	10	8.5	..	..	27	6.3
October	39	27.5	30	43.8	44	37.5	..	..	113	26.7	13	9.2	8	11.8	9	7.7	..	..	30	7.1
November	35	24.7	32	46.8	42	35.8	..	..	109	25.6	9	6.3	7	10.3	9	7.7	..	..	25	5.9
December	29	20.5	30	43.8	34	28.9	..	..	93	21.9	12	8.5	8	11.8	3	2.6	..	..	23	5.4
Total	**374**	**22.0**	**330**	**40.2**	**460**	**32.6**	**15**	**1.3**	**1,179**	**23.1**	**108**	**6.3**	**98**	**11.9**	**93**	**6.6**	**6**	**0.5**	**305**	**6.0**

NOTE : Excluding events of non-residents coming from outside the union.

TABLE 1.13

Deaths by Sex and Age-Groups for the Selected Areas as per Complete Registration during 1961 and 1962

Age group in years	1961						1962					
	Male		Female		Total		Male		Female		Total	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1	2	3	4	5	6	7	8	9	10	11	12	13
0—27 days	58	52.0	52	61.1	110	55.9	66	53.3	51	50.9	117	54.8
28 days—11 months	60	53.8	46	54.0	106	53.9	51	45.0	59	58.9	110	51.5
Under 1 year	118	105.8	98	115.1	216	109.8	117	103.3	110	109.8	227	106.3
1—9 years	46	5.7	46	6.3	92	6.0	27	3.4	31	4.0	58	3.7
10—24 years	20	2.9	19	3.0	39	3.0	11	1.6	11	1.7	22	1.6
25—34 years	16	4.2	18	5.7	34	4.9	7	1.9	17	5.1	24	3.4
35—44 years	19	6.7	10	4.4	29	5.7	18	6.4	7	2.9	25	4.8
45—64 years	63	20.0	33	12.2	96	16.4	84	25.5	58	18.8	142	22.2
65—74 years	48	90.2	23	63.7	71	79.5	49	92.4	43	113.9	92	101.4
75 and above	29	130.6	23	100.4	52	115.3	38	169.2	33	135.2	71	152.6
Total	**359**	**13.6**	**270**	**11.6**	**629**	**12.7**	**351**	**13.2**	**310**	**12.6**	**661**	**12.9**

NOTE : Excluding events of non-residents coming from outside the union.

TABLE 1.14

Deaths according to Complete Registration by Chief Causes within the Selected Areas during the Year 1962

Name of the Unions	Malaria		Cholera		Small-pox		T.B. (Lungs)		Dysen-tery		Diseases of early infancy		Maternal death		Other diseases		Total	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate per 1,000 live births	No.	Rate per 1,000 live & still births	No.	Rate	No.	Rate
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Mathurapur	..	..	..	..	..	..	8	0.5	21	1.2	72	101.7	5	6.9	129	7.6	235	13.8
Duttapulia	..	..	..	..	..	..	3	0.4	9	1.1	48	121.2	5	12.2	66	8.1	131	16.0
Bandipur	..	..	..	..	..	..	7	0.5	11	0.8	53	87.2	2	3.2	89	6.3	162	11.5
Balarampur	..	..	..	..	..	..	2	0.2	3	0.3	25	59.1	5	11.7	98	8.4	133	11.3
Total	..	..	..	..	..	..	**20**	**0.4**	**44**	**0.9**	**198**	**92.7**	**17**	**7.8**	**382**	**7.5**	**661**	**12.9**

NOTE : Excluding events of non-residents coming from outside the union.

TABLE 1.15

Medical and Public Health Services rendered in the Selected Unions under the different groups during the Year 1962

Name of the Unions	Group	No. of persons never vacci-nated	No. of primary vaccination done	Maternity services		Domicillary care			No. of inoccu-lation against Cholera
				Total No.	No. of cases attended	Total No.	Requi-sition	No. of cases attended	
1	2	3	4	5	6	7	8	9	10
Mathurapur	A	41	37	209	169	45	32	15	97
	B	142	107	119	99	75	45	37	94
	C	175	130	169	113	81	65	53	347
	T	358	274	497	381	201	142	105	538
Duttapulia	A	35	30	66	32	454	277	50	194
	B	77	69	51	39	523	339	62	411
	C	32	27	33	17	292	172	71	197
	T	144	126	150	88	1,269	788	183	802
Bandipur	A	117	76	50	39	75	62	18	589
	B	113	80	56	19	76	62	9	457
	C	119	99	49	2	70	51	2	412
	T	349	255	155	60	221	175	29	1,458
Balarampur	A	62	53	22	..	52	49	..	..
	B	86	75	27	..	42	39	..	..
	C	84	65	32	..	49	45	..	..
	T	232	193	81	..	143	133	..	..
Total		**1,083**	**848**	**883**	**529**	**1,834**	**1,238**	**317**	**2,798**
Percentage to total Population		*2.1*	*1.7*	*1.7*	*1.0*	*3.6*	*2.4*	*0.6*	*5.5*

TABLE 1.16

Report of Verification of Cause of Deaths during the Year of 1962 in the Selected Unions

Name of the selected Unions	Total deaths	Cause of Deaths							
		Certified by				Verified by			
		AMP in International form		PMP not in International form		R.M.O.H.		None	
		No.	Percentage	No.	Percentage	No.	Percentage	No.	Percentage
1	2	3	4	5	6	7	8	9	10
Mathurapur	297	75	25.3	21	7.1	24	8.1	177	59.5
Duttapulia	145	25	17.2	12	8.3	..	..	108	74.5
Bandipur	170	19	11.2	19	11.2	..	..	132	77.6
Balarampur	135	5	3.7	..	..	..	..	130	96.3
Total	**747**	**124**	**16.6**	**52**	**7.0**	**24**	**3.2**	**547**	**73.2**

Results of complete enumeration of households of the Barsul Union of the Burdwan District under the Model Health and Ideal Registration Unit Project during the period from January to March 1963

TABLE 2.01

Households, Villages and Defacto Population of the Barsul Union as per Complete Enumeration 1963

No. of the Basic Public Health Unit	No. of Households	No. of villages	Defacto population	Average size of household
1	2	3	4	5
1	720	6	3,636	5.1
2	709	7	3,791	5.3
3	669	13	3,700	5.5
Total	**2,098**	**26**	**11,127**	**5.3**

TABLE 2.02

Defacto Population of the Barsul Union by Sex and Age-groups as per Complete Enumeration 1963

Type of sex	Under 1 year	1—4 years	5—14 years	15—44 years	45—60 years	65 and above	Total
1	2	3	4	5	6	7	8
Male	251	679	1,659	2,542	672	131	5,934
Female	205	647	1,454	2,145	594	148	5,193
Total	**456**	**1,326**	**3,113**	**4,687**	**1,266**	**279**	**11,127**
Percentage to total	*4.1*	*11.9*	*28.0*	*42.1*	*11.4*	*2.5*	*100.0*

TABLE 2.03

Vital Events for the Year 1962 of the Barsul Union as per Complete Enumeration 1963

Vital events	Total	Home	Health Centre	Rate per *mille* Ex. N.R.
1	2	3	4	5
Birth	402	229	173	36.1
Death	106	100	6	9.5

TABLE 2.04

Households according to Different Types of Disposal of Excreta and Habit of Drinking and Washing Water from different Sources of the Barsul Union as per Complete Enumeration 1963

	Drinking		Washing				
Different types of sources	No. of house-holds	Percentage to total	No. of households	Percentage to total	Disposal of excreta	No. of household	Percentage to total
1	2	3	4	5	6	7	8
Tubewell	1,880	89.6	469	22.3	Waterbourne	99	4.7
Tank	34	1.6	1,328	63.3	Pit	222	10.6
Masonary Well	184	8.8	205	9.8	Bucket	175	8.3
Rever	..	..	96	4.6	None	1,602	76.4
Others	..	..	..	..	..	..	..
Total	**2,098**	**100.0**	**2,098**	**100.0**	**Total**	**2,098**	**100.0**

TABLE 2.05

Households according to Principal Means of Livelihood and Religion of the Barsul Union as per Complete Enumeration 1963

	Households according to different types of religion							
Principal means of Livelihood	Caste Hindu	Muslim	Christian	Buddhist	Scheduled Caste	Scheduled Tribe	Total	Percentage to total
1	2	3	4	5	6	7	8	9
Agriculture	484	250	..	..	136	41	911	43.4
Labour	162	132	..	..	233	89	616	29.4
Service	195	35	..	..	81	16	327	15.6
Profession	29	3	..	..	4	..	36	1.7
Other gainful	88	28	..	..	24	3	143	6.8
Non-gainful	16	23	..	..	12	14	65	3.1
Total	**974**	**471**	..	..	**490**	**163**	**2,098**	**100.0**
Percentage to total	*46.4*	*22.4*	..	..	*23.4*	*7.8*	*100.0*	..

Sample Proforma of Population Register

Continuous Serial No.	Name of the village	Serial No. of houses within a village	Name of Head of family	Resident present	Resident absent	Visitor present	Remarks
1	2	3	4	5	6	7	8

APPENDIX V

PILOT SURVEY OF THE EXTENT OF UNDER REGISTRATION OF BIRTHS AND DEATHS

REPORT

WEST BENGAL

JUNE 1966

J. DATTA GUPTA
of the West Bengal Civil Service
Superintendent of Census Operations, West Bengal & Sikkim

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REPORT ON THE PILOT SURVEY OF THE EXTENT OF UNDER REGISTRATION OF VITAL EVENTS IN WEST BENGAL, JUNE 1966

SECTION I—INTRODUCTION

Object of the Survey

The usefulness of vital statistics can not be over stressed in the context of India's dedication to the welfare of her peoples through Economic Planning, the authors of which must have full information about the actual size of population, stratified according to age-groups, and the rate of annual growth of the population. The estimate of population by the natural increase method should be the most reliable, provided the registration statistics are adequately accurate. But the statistics based on registration of births and deaths are far from completeness. While steps are being taken to improve the registration system, it will take much time before complete Registration of births and deaths is achieved. In the mean time we have to use the incomplete statistics based on partial registration of vital events, for all they are worth. To assess the true significance of those statistics, it is necessary to have an estimate of the proportion of vital events, which are missed by Registrars. Such an estimate is the goal of the present survey. As a fore-runner of this survey a Pilot Survey on a small scale was undertaken at the instance of the Registrar General, India, in the States of West Bengal and Madras. This Pilot Study has mainly two objects, first, to obtain the extent of under registration in the normal system of Registration and secondly, to gain operational experiences which would help in planning the scheme for "Survey of Births and Deaths missed by Registrars in India" that is proposed to be conducted in all the States and Union Territories of India. The present report deals with the Pilot Survey conducted in West Bengal in June 1966.

Legal basis of Registration in the State

In Bengal, the registration of vital events was first undertaken by Beverly during 1866-67. Following the first ever authoritative Census in the province of Bengal in 1872, the necessity of Births and Deaths Registration was keenly felt. Within a year "The Bengal Births and Deaths Registration Act IV of 1873" was passed providing therein that the police authorities would enforce the Act in both rural and urban areas. Under the system envisaged by this Act, the Police Station was the Unit of Registration and the Officer-in-Charge of the Police Station was the registering authority, and the informants were the Choukidars or the village watchmen. In the subsequent years, there was a gradual change in the system of registration. In all the municipalities other than Calcutta and Howrah, the registration is now carried on the basis of the Bengal Municipal Act of 1932, and in Calcutta on the basis of Calcutta Municipal Act of 1951. The registration of births and deaths in Howrah Municipality follows generally the system laid down by the Calcutta Municipal Act, 1923.

The operation of the official Registration System

In only two districts, *i.e.*, Darjeeling and Purulia, the police authorities are still in charge of the registration of births and deaths. In all the other districts of West Bengal the civil authorities, *i.e.*, the Medical Officers of Rural Health Centres or the Sanitary Inspectors are entrusted with the work of registration of births and deaths so far as the rural areas are concerned. It may be noted here that one Health Assistant has been deputed under the Officer-in-Charge of each police station in Darjeeling district for the improvement of Registration of Births and Deaths. The Health centres are set up Union-wise, but it has not yet been possible to provide every Union with a Health Centre. In a Police Station for the Unions which have not been covered by the Health Centres, the registration of births and deaths is entrusted to the Sanitary Inspector who is to maintain Registers for Births and Deaths separately for each Union. In both Health Centre and non-Health Centre Unions, the Choukidars or the village watchmen are the informants of vital events occurring within the Union. They collect the information on Births and Deaths and get it recorded in the "hatchitas" which are submitted through the Dafadars once a week to the Medical Officer or the Sanitary Inspector as the case may be. Then the entries of the "hatchitas" are posted by the Registrar in the relevant columns of the Births and Deaths Registers. The Medical Officers of the Rural Health Centres have also to record in the Register the births and deaths occuring in their respective Health Centres, besides those reported by the Choukidars.

In all the Municipal areas other than Caclutta Corporation and Howrah Municipality, the Chairmen of the municipalities are entrusted with the work of Registration of Births and Deaths. The Health Officer or Sanitary Inspector or Head Clerk of the Municipality often works as the Registrar of Births and Deaths in addition to his normal duties. He collects reports on Births and Deaths from the Tax Collectors, Rly. Station Masters and Medical Officers of Hospitals falling within the municipal jurisdiction.

In Calcutta, the Health Officer of the Calcutta Corporation is also the Chief Registrar of Births and Deaths. The authorities of some of the Hospitals and Maternity Homes are entrusted with the work of registration of birtns occurring only in their

respective institutions. They are however not concerned with the deaths registration which is carried on by the Sub-Registrar stationed at each Burning Ghat or Burial Ground. Both the Hospital authorities and the Sub-Registrars of Burning Ghats and Burial Grounds send their respective Registers to the Health Officer, Calcutta Corporation. The residence births and Nursing Home births are required to be reported by the parties to the Sub-Registrar of Births stationed at different parts of the Calcutta city.

There are some special areas in West Bengal where the usual procedure of births and deaths registration is not followed. Chittaranjan Locomotive Works, Burdwan; Defence Estate Ichhapore, 24-Parganas; Botanical Garden, Sibpore, Howrah; Tea Gardens or Tea Estates in Tea growing areas; Forest areas and Cantonment areas form such special areas. Each of these special areas constitutes a separate births and deaths registration district, and the District Magistrate appoints separate Registrars of Births and Deaths for these areas as per order of the Government of West Bengal.

The Compilation System

The Registrars of Births and Deaths of all Registration Units except those of Calcutta send the carbon copies of the Births and Deaths Registers, maintained at the Union, Thana, Municipality or Rly. Station level, direct to the Director, State Bureau of Health Intelligence, Directorate of Health Services, West Bengal for compilation and processing of data on Vital Statistics. The copies are scrutinised and coded according to required information relating to births, deaths and still-births for compilation and final tabulation at the State level. Mechanical tabulation system has been introduced for conducting the entire tabulation operation. The tables on vital statistics, when prepared, are sent to the office of the Registrar General, India, for compilation and Tabulation at the Union level.

For Calcutta, data relating to vital statistics on required information are compiled and tabulated at the Calcutta Corporation and then the tables are sent to the State Headquarters for inclusion in the State tables.

Official Rates of Births and Deaths for the last decade

From an analysis of official birth and death rates calculated for the period from 1951-1960, it is found that the annual average birth rate of the State is 23.0 per *mille* and the death rate is 9.6 per *mille*. This estimate is obviously far from completeness. With a view to making as close an estimate of the actual number of births and deaths as possible, the Health Directorate of West Bengal conducted a Pilot Survey in certain selected areas of the State in 1948-49. A similar sample census of population as well as of births and deaths was undertaken in 1959, and since then it has been continuing under the name of "Model Health and Ideal Registration Unit Project". These surveys detected that the normal registration machinery had failed to record as many as 49.3 per cent of the births and 42.6 per cent of the deaths in 1949, and 63.4 per cent of the births and 57.1 per cent of the deaths in 1962. The two surveys did not cover identical areas but succeeded in focussing attention to the appalling condition of the fast deteriorating registration machinery of the State. An attempt was made by the Health Directorate to compute average annual birth and death rates for 1951 to 1960 from the survey figures for the years 1949 and 1962, on the assumption of uniform variation during the period. The computed average annual birth rates come to 36.1 per *mille* and death rates to 17.7 per *mille*. The following statement gives a comparative study of the figures, obtained from official registration data and the Survey conducted by the Directorate of Health Services, West Bengal.

STATEMENT I

Year	Birth Rates (per *mille*)		Death Rates (per *mille*)	
	Official Registration Rates	Computed Rates from Survey Result	Official Registration Rates	Computed Rates from Survey Result
1	2	3	4	5
1951	21.9	32.14	13.0	21.02
1952	23.1	33.01	10.8	20.28
1953	22.7	33.88	10.2	19.54
1954	23.0	34.75	9.3	18.80
1955	25.5	35.62	8.9	18.06
1956	25.2	36.49	8.7	17.32
1957	22.4	37.36	9.9	16.58
1958	22.4	38.23	9.3	15.84
1959	25.0	39.10	8.1	15.10
1960	19.0	39.97	7.5	14.36
Average	*23.0*	*36.06*	*9.6*	*17.69*

Checks against under Registration

In the system of official registration of births and deaths now in operation there is hardly any agency at any level to scrutinise the completeness and accuracy of the information on number of births and deaths, reported by the informants at the base. Although the registration of every birth and death is compulsory according to the statutory rules of the Bengal Births and Deaths Registration Act 1873, the Act has long ceased to have any force in it.

In West Bengal, however, under the auspices of

the Directorate of Health Services, two schemes are now in operation which enable an assessment of the extent of under registration. One of these schemes is the 'Model Health and Ideal Registration Project' to which reference has already been made. It is at present being carried on in five selected Anchals of the State. The Second Scheme which is called 'Half-yearly Census of Births and Deaths' envisages a complete enumeration, every six months, by the local Registrar of all the births and deaths taking place in only one village selected by the Local Registrar himself from within his Registration Unit for the purpose of a check on the records.

Both the Schemes have obvious limitations. For one thing, the units selected are not statistically representative of any given area and for another, the agency which maintains the official Register and detects the omissions in it is the same. But, nevertheless, these are very bold and imaginative steps towards strengthening of the system of vital registration in this State. Besides, the Union Government has also taken in hand several schemes for improvement of vital registration. There is also a central legislation on registration under consideration of the Parliament. The cumulative effect of these reform measures will undoubtedly take some time to take shape. In the meantime surveys are proposed to be undertaken to measure the extent of deficiency of the current statistics. The present study is a Pilot of these surveys.

Method of the Pilot Survey

The method of the Pilot Survey, broadly stated, was as follows. The units where the Survey was to be conducted were selected at random. In each of the units a list was made of all houses and households and of all medical institutions such as Health Centres, Hospitals, Nursing Homes etc., where birth and death could take place. The Investigator visited each such household or institution and ascertained the particulars of births and deaths that had taken place in the household or institution within the 'Reference Period'. The reference period for the purpose of the survey was 1st October 1965 to 14th April 1966. The beginning of this period corresponded to the opening day of the Durgapuja festival and the 14th April 1966 corresponded to the last date of the Bengali calendar year which was also an important festival for the Bangalees. The reference period was chosen deliberately with reference to these two important festivals, in order to aid the respondent's memory so that he could easily locate the vital events that had taken place within the period.

In the rural areas, only those vital events were recorded by the Investigator which had taken place within the village in which the survey was conducted. Events occurring to the resident population of the village at any place outside it were not recorded. Events occurring to non-resident population within the village were recorded.

In the case of Calcutta, it was decided that events taking place within the areas selected, as well as those relating to the households resident within the areas taking place in Hospitals or Nursing Homes outside such areas were to be recorded because in view of the hospital facilities available in the city, very small number of vital events in Calcutta took place in residences. In the case of hospital events, the names and addresses of the Hospitals and maternity homes where the vital events took place were recorded by the Investigator. Specimens of the Houselist, the Birth Slip and the Death Slip are given in the Annexure. Slight modifications were made in the birth and death slips. In the Birth Slip, the column 'Name of Child' was omitted and in its place two columns, *viz.*, 'Age of the mother at the present issue' and 'Number of live births to the mother' were inserted. In the Death Slip the cause of death was recorded in the remarks column. These modifications were introduced with a view to facilitate the matching. The age of the mother at her first issue was also recorded in the Birth Slip for the purpose of ancillary studies on fertility. Still births were not recorded.

After the Houselist and Birth and Death Slips were filled in they were matched with the official Birth and Death Register for that area. Events which were unmatched were again reverified by revisits to the households or institutions concerned. The final result showed the extent of under Registration.

Selection of Sample Units

The Pilot Survey in West Bengal was restricted to five villages in the district of Hooghly and two selected areas in Calcutta. For the purpose of sampling, all the villages of the Hooghly district were stratified into five strata according to size of population. The classification was as follows :

Size classification of villages by Population

Less than 500
500— 999
1,000—1,999
2,000—4,999
5,000 and over

It was decided that one village should be randomly selected from each of the five strata. All the villages under each stratum was counted separately for each Thana and a continuous serial number was given for each stratum for the entire district, comprising several Thanas. From this serial number of each stratum one village was randomly selected. The basis of the size of population was the 1961 Census population figures.

In Calcutta, each of the 80 Wards was divided into several segments each of which consisted of more or less 8,000 persons, and all these segments were serially numbered for the entire city of Calcutta. At first two segments were randomly selected and then each of these two segments were divided into four sub-segments, each consisting of more or less 2,000 persons. The two sub-segments were also randomly selected.

The following statement shows the details of the Sample Units where the survey was conducted :

STATEMENT II

Sl. No.	Name of Police Station/ Ward No.	Name of *Mauza*/ No. of Census Circle	J.L. No./ Nos. of Census Blocks	Population as 1961 Census
1	2	3	4	5
		Rural areas—Hooghly district		
1	Panduah	Bainchi	20	5,352
2	Balagarh	Sripur	101	3,540
3	Jangipara	Lakshmanpur	129	1,808
4	Mogra	Namajgar	51	625
5	Arambagh	Fatepur	63	301

STATEMENT II—*contd.*

Sl. No.	Name of Police Station/ Ward No.	Name of *Mauza*/ No. of Census Circle	J.L. No./ Nos. of Census Block	Population as 1961 Census
1	2	3	4	5
		Urban areas—Calcutta city		
1	Ward No. 23	Circle No. VI	Block Nos. 3, 5 & 6	2,052
2	Ward No. 70	Circle No. II	Block Nos. 5, 6 & 7	2,050

Personnel

To conduct the Pilot Survey, as many as ten members of the staff of my Office were deputed. Each of them had a good deal of experience in collecting data in the fields, in connection with 1961 Census Enumeration and Houselisting. Some of them had even the experience of the 1951 Census Enumeration. I utilised the services of Shri Manindra Nath Sarkar, M.A., Statistical Assistant of my office for supervising the entire operation of the Pilot Survey. The following statement shows the details of the staff engaged in the Pilot Survey:

STATEMENT III

Sl. No.	Name of the Staff	Academic qualification	Designation	Nature of Work entrusted in this Survey
1	2	3	4	5
1	Shri Manindra Nath Sarkar	M.A.	Statistical Assistant	Supervision
2	Shri Dilip Sen	M.A.	Investigator	Field Investigation
3	Shri Swapan Kumar Guha	B.Com.	Ditto.	Ditto.
4	Shri Mihir Kumar Sengupta	B.Com.	Tabulator	Ditto.
5	Shri Joy Kumar Paul	I.A.	Ditto.	Ditto.
6	Shri Samir Kumar Chanda	Matriculate	L.D.C.	Ditto.
7	Shri Gouri Sankar Das	School Final	Tabulator	Ditto.
8	Shri Rabindra Nath Addy	School Final	Ditto.	Ditto.
9	Shri Chittaranjan Bose	Matriculate	Ditto.	Ditto.
10	Shri Shyam Lal Poddar	Matriculate	Ditto.	Ditto.

Survey Period

The Pilot Survey was started and completed on different dates in different Sample Units during the period beginning from the 6th May 1966 and ending on the 28th July 1966. The number of days for completing the field survey varied from one sample unit to another according to the size of population and number of households of each of the Sample Units. Matching of the events at Calcutta took an unusually long time because the records lay dispersed in several places : Corporation Offices, Hospitals, Burning Ghats and Burial Grounds and then again the records were made available for matching, only after some correspondence had passed. The following statement shows the details of time and manpower taken in different phases of the Survey work in different Sample Units.

STATEMENT IV

Name of Sample Unit	No. of households as per survey	Population as per survey	Date of commencement of survey	Date of completion of field survey	Date of completion of matching	Date of completion of revisit	No. of field staff
1	2	3	4	5	6	7	8
			Rural areas—Hooghly district				
Bainchi	883	5,010	11.5.66	18.5.66	30.5.66	15.6.66	2
Sripur	714	3,845	11.5.66	18.5.66	3.6.66	3.6.66	2
Lakshmanpur	411	2,040	6.5.66	10.5.66	23.5.66	27.5.66	1
Namajgar	139	838	8.5.66	10.5.66	21.5.66	27.5.66	1
Fatepur	40	355	6.5.66	7.5.66	24.5.66	29.5.66	1
			Urban areas—Calcutta city				
In Ward No. 23	289	1,675	8.5.66	16.5.66	22.7.66	27.7.66	1
In Ward No. 70	316	1,871	9.5.66	19.5.66	26.7.66	28.7.66	1

The First round : Field Survey

Before an Investigator was sent out to the Sample Unit he was given background knowledge on the purpose of the Survey and training on different aspects of the operation. He was given adequate supply of forms and was carefully briefed on the delicate issue of public relations, in view of the tense feelings on the food issue then prevailing in the country side.

The Investigator on reaching the village contacted the local Block Development Officer who was previously informed of the Survey by the Census Office. The Block Development Officer introduced the Investigator to the Gram Adhyaksha who made arrangements for his accommodation and rendered him other assistances.

Addressing himself to his task, the Investigator first acquainted himself with the boundary of the Sample Unit with reference to maps and with the help of local knowledgeable persons. He then set on listing every house, household and institution in the Houselist. The Houselist was prepared independently, *i.e.*, without reference to the Census Houselist prepared in October-November 1960. Simultaneously with the preparation of the Houselist, the Investigator enquired about the vital events occurring in the households or institutions within the Reference Period. He had also to take in account births and deaths occuring to visitors. For this purpose he interviewed the Head of the household or institution, or in his absence, another responsible member. In order to help the respondent to refresh his memory of the date of the occurrence, the Investigator used a calendar of important events and festivals that took place within the Reference Period. He was also apprised of the distinction between live birth and still-birth. For every birth or death, a Birth or Death slip was prepared in the prescribed form. It was found convenient to combine the preparation of Houselist and filling up of the Birth and Death Slips in one operation. Special care was taken to ensure that no event was doubly recorded and events, particularly infant deaths and deaths to houseless population, were not missed.

In the case of Calcutta, the Investigator had a ready list of all the premises numbers falling within his area. He contacted the local influential persons to secure their co-operation and then proceeded with preparation of Houselists and Birth and Death Slips. The only difference in procedure from that followed in the rural areas was that he had to take into account even those births and deaths in respect of the resident population which took place in Hospitals and Nursing Homes outside the selected area (but within Calcutta). He was to record in such cases the name and address of this institution in the Birth Slip, and in the Death Slip, in addition to the usual entries, he had to record the name of the crematorium where the corpse was disposed of.

The Second round : Matching

Matching consisted of a reconciliation of the results of the field survey with the Official Register of Births and Deaths. These Registers for rural areas, as already stated, are maintained by Sanitary Inspectors or Medical Officers of Health Centres. Two Investigators, one of whom was not associated with the field Survey in the village concerned, were deputed to conduct the matching. In theory, the operation should not have presented much difficulty because what was required was a cross-verification of two sets of records pertaining to the same place and the same period of time. But in actual practice the difficulties were many.

Firstly, the Official Register covered a whole Union extending to about ten to twelve villages while the Survey covered only one of these villages. So before commencing his work, the Investigator had to mark off in the Register those entries which related to the surveyed village only. The second difficulty was the Reference Period. Ordinarily it would have sufficed if the Investigator had confined his scrutiny to those events recorded in the Register which related to the Reference Period. But the time sense of villagers being as crude as it is it would be too much to expect that the same date for an event would be reported to two different agencies on two different occasions. For Matching, therefore, the Investigator had to scan the entries covering a period much wider than the Reference Period. The problem was accentuated by the fact that apart from memory lapses of the respondents, the dates were deliberately meddled with by the Chowkidars. These functionaries have a statutory duty to report the events within a specified period from their occurrence, but the few events they cared to report, were reported leisurely long after the stipulated period, and they concocted arbitrary dates for the occurrences to cover up their lapses. Thirdly, there was the common confusion about place of occurrence. Births taken place at Heath Centres or at the mother's parental home were often recorded with reference to the residence of the father.

The Investigator had to bear in mind the possibilities of errors caused by one or more of these factors and proceed with the reconciliation with care and circumspection. When an event detected in the field survey could be matched with the Official Register, the Investigator filled in the relevant columns in the bottom line of the Birth Slip or Death Slip. For events which could not be matched the line remained blank. For events which were found recorded in the Register but not detected in the field survey, fresh Birth or Death Slips were prepared and only the bottom lines were filled in.

In Calcutta the matching work had its own problems, the most taxing of which was the dispersal of records. For matching of the field survey results of only two sample areas with the Official Registers, the Investigators had to visit the Calcutta Corporation Record Room, the Offices of twelve Hospitals, two Birth Registration Offices and one burial ground. They had also to call on two Nursing Homes for verification of Birth Slips before attempting to match them with the Registers. This naturally involved a good deal of correspondence, travelling, searching and patience. To add to the difficulties, the records were often found not to have been maintained in the chronological order. Often Birth records in hospitals showed only mother's name, but it was difficult in some cases to collect the mothers' names in the survey due to prejudices of the parties. For deaths in Bustee areas, the Death Register at the Crematorium contained the Hut Owners' name and before the events could be matched the Investigator had to go back to the households and collect information on this point.

After the matching had been completed, the Investigator was left with three sets of Birth and Death Slips: one, which were matched; two, which were unmatched; and three, which were prepared at the time of matching, *i.e.*, those relating to events which were apparently missed at the field survey. It was with the second and third sets that the next round of the operations, *viz.*, the Revisits, was concerned.

The Third round : Revisits

Revisits were done by an Investigator who was not associated with preliminary field survey in the unit concerned. In these Revisits, which in a sample unit did not usually take more than a day or two, the Investigator visited only those households (i) for which events reported in the field survey could not be matched with the Register, and (ii) for which events were recorded in the Register but were not reported in the field survey. This was the final opportunity to ascertain the truth and the Investigator had to decide on the authenticity of an occurrence after making careful enquiries about its time and place. The results of the Survey were tabulated after the Revisits.

Peoples' attitude towards the Survey

But before the results are discussed it would be as well to say a few words on how the public amongst whom the survey was conducted reacted to it. Though there were in some cases initial misgivings about the purpose of the survey, particularly in the context of the rationing system and the intensive family planning drive, there was general readiness to answer the Investigators' questions to the best of the respondents' knowledge and memory. The most common complain in rural areas was that Chowkidars never bothered to collect and report information on vital events, and to many, it was a news that this formed a part of a Chowkida's duty. Even in many sophisticated families of Calcutta a complete ignorance was noticed about the existence of a Registration system in the City. Very few people knew that Registration of vital event was a statutory obligation.

There was however one section of the population which viewed the survey with great alarm. They were the Village Chowkidars. That a work which they had so long supposed to be a mere formality to be done at will and leisure, could be subject to so severe scrutiny caused much of a flutter among their fraternity. This is the one salutary result that the survey has achieved, if not anything else.

Extent of under Registration

The Survey disclosed that during the Reference Period, *i.e.*, in the 6½ months from the 1st October 1965 to the 14th April 1966, 367 births and 73 deaths took place in the seven Sample Units of the State. Out of these, only 223 births and 25 deaths were found registered in the official records. The percentage of omission in Registration was therefore 39.24 for births and 65.75 for deaths. The analysis of the result by rural and urban areas is as follows.

STATEMENT V

Total Rural Urban	Population as per survey	Events detected by the survey		Events found Registered		Percentage of omission in Registration	
		Births	Deaths	Births	Deaths	Births	Deaths
1	2	3	4	5	6	7	8
Total	15,934	367	73	223	25	39.24	65.75
Rural	12,388	330	61	198	13	40.00	78.69
Urban	3,546	37	12	25	12	32.43	Nil

Registration of Hospital and Residence events

The statement above may leave an impression that the Registration machinery is a little more efficient in urban than in rural areas. But in fact the difference in Registration rates between the two areas is due not to the quality of Registration, but to the frequency of hospital events. Hospital events hardly miss Registration and hospital facilities are availed of more commonly in urban than in rural areas. The following statement will show the results classified by hospital and residence* events.

STATEMENT VI

Total Rural Urban	No. of actual events				No. of events Registered				Percentage of omission in Registration			
	Hospital		Residence		Hospital		Residence		Hospital		Residence	
	Birth	Death	Birth	Death	Birth	Death	Birth	Death	Birth	Death	Birth	Death
1	2	3	4	5	6	7	8	9	10	11	12	13
Total	207	4	160	69	207	4	16	21	Nil	Nil	90.00	69.57
Rural	182	1	148	60	182	1	16	12	Nil	Nil	89.19	80.00
Urban	25	3	12*	9	25	3	Nil	9	Nil	Nil	100	Nil

Four conclusions emerge from this Statement :

(1) Hospital events, both in rural and urban areas have been fully registered, (2) Of the Residence events, more births have escaped Registration than deaths, (3) The system of Registration of residence births is virtually defunct at Calcutta, and (4) Death Registration at Calcutta being done at the Crematorium, hardly any death here is missed by the Official Registration system.

Village analyses

The following statement shows the survey result in respect of each of the five sample villages.

*Residence events include events in Private Nursing Homes.

STATEMENT VII

Name of the Sample Village	Population as per survey	Actual No. of events		No. of Registered events		Percentage of omission in Registration	
		Births	Deaths	Births	Deaths	Births	Deaths
1	2	3	4	5	6	7	8
*Bainchi	5,010	231	18	182	1	21.21	94.44
Sripur	3,845	51	27	14	11	72.55	59.26
Lakshmanpur	2,040	32	12	2	1	97.75	91.67
Namajgar	838	11	3	Nil	Nil	100.00	100.00
Fatepur	355	5	1	Nil	Nil	100.00	100.00
Total	**12,388**	**330**	**61**	**198**	**13**	**40.00**	**78.69**

*There is a Subsidiary Health Centre within this village

Even a cursory glance at the statement will reveal that the system of Registration is virtually non-existent in three out of the five sample villages. Bainchi was the only sample village which had a Health Centre. Of the 231 births and 18 deaths occurring in this village, 182 births and 1 death took place at the Health Centre and only these events were registered. So in this village also the Chowkidary System of Registration has totally failed. Sripur has no Health Centre, but here good results were found to have been achieved by the vigorous efforts the local Sanitary Inspector made to improve Registration. Apart from pressing the Chowkidars for more action, he set his Health Assistants and Sanitary Assistants to collect information on vital events in course of their periodical rounds in the villages. Of the 32 births and 12 deaths occurring in Lakshmanpur during the Reference Period only 2 births and 1 death were Registered. In Namajgar and Fatepur the official Registration System was not found to be in operation, at least for the Reference Period.

Distance from Registration Office and efficiencies of Registration

The unit of Registration, as already stated is the Union. For non-Health Centre Unions the Registration is done at Police Station headquarters by the Sanitary Inspector. The villages Fatepur and Lakshmanpur are about six and a half kilometers and Namajgar about five and a half kilometers away from the respective Registration Centres. Distance, in the case of these villages may have acted as a deterrent to Registration. But the same is not true of Bainchi and Sripur where the Registration is very poor even though the Registration Centres are situated in the villages themselves.

Registration in Calcutta

The following statement shows the details of the findings in the two sample blocks of Calcutta.

STATEMENT VIII

Name of Sample Unit	Population as per survey	Actual No. of events					
		Total		Hospital		Residential	
		Births	Deaths	Births	Deaths	Births	Deaths
1	2	3	4	5	6	7	8
Three Blocks in Ward No. 23	1,675	13	7	11	2	2	5
Three Blocks in Ward No. 70	1,871	24	5	14	1	10*	4
Total	**3,546**	**37**	**12**	**25**	**3**	**12**	**9**

Name of Sample Unit	No. of Registered events						Percentage of omission in registration					
	Total		Hospital		Residential		Total		Hospital		Residential	
	Births	Deaths	Births	Deaths	Births	Deaths	Births	Deaths	Births	Deaths	Births	Deaths
1	9	10	11	12	13	14	15	16	17	18	19	20
Three Blocks in Ward No. 23	11	7	11	2	Nil	5	15.38	Nil	Nil	Nil	100	Nil
Three Blocks in Ward No. 70	14	5	14	1	Nil	4	41.67	Nil	Nil	Nil	100	Nil
Total	**25**	**12**	**25**	**3**	**Nil**	**9**	**32.43**	**Nil**	**Nil**	**Nil**	**100**	**Nil**

*10=6 Resident births + 4 Nursing Home births

In both the areas, all hospital births were Registered and all residence births were omitted. Deaths, whether hospital or residence, were fully registered.

An important point to be kept in mind is that the result obtained at Calcutta should not be taken as representative of all urban areas of the State. As stated earlier, the Registration system in Calcutta is different from that followed in other municipal areas.

Failure of the Informant System of Registration

To sum up, it is seen that out of the seven Sample Units, only in two, *viz.*, in villages Sripur and Lakshmanpur some events were registered on the basis of reports furnished by informants. In the remaining five units either there was no Registration at all, or Registration was made only of the hospital events from hospital records.

More female events are omitted than male events

Further analysis of the results may be confined to the two units, *viz.*, Sripur and Lakshmanpur, where at least some Registration on the Informant System has taken place. It may be worth while to examine whether the Registration in these units has been selective in any way, that is to say, if only particular types of events have been registered to the exclusion of the others.

The following statement shows the distribution of observed and registered events in these two units classified by sex.

STATEMENT IX

Units	Total Births		Total Deaths		Registered Births		Registered Deaths		Percentage of omission: Births		Percentage of omission: Deaths	
	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
1	2	3	4	5	6	7	8	9	10	11	12	13
Sripur and Lakshmanpur	44	39	22	17	11	5	9	3	75.0	87.2	59.1	82.4

So, Registration is clearly selective of male events. In the case of both births and deaths, more female events have been omitted than male events.

More infant and child deaths are omitted than deaths of elderly persons

In the case of Registration of deaths there appears to be a further selection in favour of death at older ages. The following statement classifies the observed and registered deaths in the two sample units by age at death.

STATEMENT X

Units	Age at deaths	Number of observed deaths			Number of Registered deaths			Percentage of omission		
		Persons	Males	Females	Persons	Males	Females	Persons	Males	Females
1	2	3	4	5	6	7	8	9	10	11
Sripur and Lakshmanpur	**Total**	**39**	**22**	**17**	**12**	**9**	**3**	**69.23**	**59.09**	**82.35**
	Less than 1 year	12	9	3	1	1	Nil	91.67	88.89	100
	1—4	3	2	1	Nil	Nil	Nil	100	100	100
	5—9	2	1	1	Nil	Nil	Nil	100	100	100
	10—19	3	2	1	1	1	Nil	66.67	50.00	100
	20—29	2	Nil	2	Nil	Nil	Nil	100	Nil	100
	40—69	5	5	Nil	4	4	Nil	20.00	20.00	Nil
	70 years and above	12	3	9	6	3	3	50.00	Nil	66.67

Of the 12 deaths that were registered, 10 were of persons aged 40 and above. Naturally, deaths of elderly persons are much more publicised than infant or child deaths which hardly cause any commotion beyond the family circle.

Instances of double Registration

The survey detected two instances of double Registration. A birth occurring to a resident of village Lakshmanpur at a Calcutta Hospital was registered both in the village and at Calcutta. A death of a resident of Sripur took place at a Hospital at Chinsurah, the district Headquarters. The death was registered both at the village and the town.

Summary

The broad findings of the Survey may thus be summarised as follows :

(1) The official birth and death statistics are based almost entirely on hospital events.

(2) Of the residence events, more births are omitted than deaths. As a result, the growth rates, calculated on Official Registration figures, are under estimates of the actual growth rates.

(3) In the official Registration, male events get more coverage than female events.

(4) Infant death rates are more defective than general death rates.

Section IV—Acknowledgements

I am thankful to Shri P. N. Nayer, Deputy Registrar General (V.S.) for the active interest he had taken in the survey. He took the trouble of coming down to Calcutta twice to discuss the minutest details of the survey with the personnel connected with the field operations and to visit some of the village centres to study the problems on the spot and give necessary instructions. Dr. H. Bradley Wells, formerly Consultant on Statistics, the Ford Foundation, India, was closely associated with the formulation of the scheme of the survey and its operation. He and his colleague Mr. J. Doughty took pains to go into the details of the operation and offered valuable suggestions. Dr. P. G. Chowdhury, Director State Bureau of Health Intelligence and his staff rendered full co-operation in the different phases of the survey. But for their assistance it would not have been possible for me to get access to the official records on vital Statistics maintained at different centres. I would thank particularly Sri B. Das, District Inspector of Health Statistics, Hooghly, for his help in the matching of the survey results with the official Registration records. In my office, the staff cheerfully undertook the survey in which they found opportunity of a welcome break from long and monotonous desk work. I am particularly thankful to Shri Manindra Nath Sarkar, M.A., Statistical Assistant on whom I vested full supervisory responsibility for this work. He not only discharged his duties with commendable ability but relieved me of much of the anxieties by offering to look after the day to day problems, both administrative and technical. He has also helped me by tabulating the results of the survey and preparing the first draft of the Report. Among the field staff, the services rendered by Shri Swapan Kumar Guha, Shri Mihir Kumar Sen Gupta, Shri Shyamlal Poddar and Shri Joy Kumar Paul need special mention.

The acknowledgements will not be complete unless a grateful mention is made of the unfailing co-operation received from the Block Developments Officers, Gram Adhyakshas, Panchayet Members and the staff of the Hospitals and other Medical institutions.

ANNEXURE

ENQUIRY ON UNDER REGISTRATION OF VITAL EVENTS

Houselist

State ..... Taluk/Block .....

District ..... Village/Town .....

House No.	Household No.	Name of head of household	No. of persons	Date of visit	Vital events reported	
					Births	Deaths
1	2	3	4	5	6	7

A—BIRTH

ENQUIRY ON UNDER REGISTRATION OF VITAL EVENTS

State ..... Taluk/Block .....

District ..... Village/Town .....

House No. ..... Name of Investigator .....

Household No. ..... Date of visit .....

Name of head of household .....

	Name of child	Name of parent	Relation to head of household	Date of birth	Sex	Place of occurrence	Whether resident or not	REMARKS
1	2	3	4	5	6	7	8	9
Interview								
Registration								

B—DEATH

ENQUIRY ON UNDER REGISTRATION OF VITAL EVENTS

State ..... Taluk/Block .....

District ..... Village/Town .....

House No. ..... Name of Investigator .....

Household No. ..... Date of visit .....

Name of head of household .....

	Name of deceased	If deceased was infant names of parents	Relation to head of household	Date of deaths	Sex	Place of occurrence	Age	Whether resident or not	REMARKS
1	2	3	4	5	6	7	8	9	10
Interview									
Registration									

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7	Oxford Book and Stationery Co., 17, Park Street	(Reg.)
8	R. Chambray and Co. Ltd., Kent House, P-33, Mission Road Extension	(Reg.)
9	S. C. Sarkar and Sons P. Ltd., 1C, College Square	(Reg.)
10	Thacker Spink and Co. (1933) P. Ltd., 3, Esplanade East	(Reg.)
11	Firma K. L. Mukhopadhya, 6-1A, Bancha Ram Akrur Lane	(Reg.)
12	K. K. Roy, P. Box No. 10210, Calcutta-19	(Rest)
13	Sm. P. D. Upadhyay, 77, Muktaram Babu Street	(Rest)
14	Universal Book Dist., 8/2, Hastinbs Street	(Rest)
15	Modern Book Depot, 9, Chowringhee Centre	(Rest)
16	Soor & Co., 125, Canning St.	(Reg.)
17	S. Bhattacharjee, 49, Dharmatala Street	(Rest)
18	Mukherjee Library, 10, Sarba Khan Road	(Reg.)
19	Current Literature Co., 208, Mahatma Gandhi Road	(Reg.)
20	The Book Depository, 4/1, Madan Street (1st Floor)	(Rest)
21	Scientific Book Agency, Netaji Subhas Road	(Rest)
22	Reliance Trading Co., 17/1, Banku Bihari Ghosh Lane, District Howrah	(Rest)

CALCUTTA

23	Indian Book Dist, Co., 65/12, Mahatma Gandhi Road	(Rest)

CALICUT–

	Touring Book Stall	(Rest)

CHANDIGARH

1	Supdt., Govt. Printing and Stationery, Punjab	
2	Jaon Law Agency, Flat No. 8, Sector No. 22	(Reg.)
3	Rama News Agency, Bookseller, Sector No. 22	(Reg.)
4	Universal Book Store Booth 25, Sector 22D	(Reg.)
5	English Book Shop, 34, Sector 22D	(Rest)
6	Mehta Bros., 15-Z, Sector 22B	(Rest)
7	Tandan Book Depot, Shopping Centre, Sector 16	(Rest)
8	Kailash Law Publishers, Sector 22B	(Rest)

CHHINDWARA

1	The Verma Book Depot	(Rest)

COCHIN

	Saraswat Corporation Ltd., Palliarakav Road	(Reg.)

CUTTACK

1	Press Officer Orissa Sectt.	
2	Cuttack Law Times	(Reg.)
3	Prabhat K. Mahapatra, Mangalabag, P.B. 35	(Reg.)
4	D. P. Sur & Sons, Mangalabag	(Rest)
5	Utkal Stores, Balu Bazar	(Rest)

DEHRA DUN

1	Jugal Kishore & Co., Rajpur Road	(Reg.)
2	National News Agency, Paltan Bazar	(Reg.)
3	Bishnu Singh and Mahendra Pal Singh, 318, Chukhuwala	(Reg.)
4	Utam Pustak Bhandar, Paltan Bazar	(Rest)

DELHI

1	J. M. Jaina & Brothers, Mori Gate	(Reg.)
2	Atma Ram & Sons, Kashmere Gate	(Reg.)
3	Federal Law Book Depot, Kashmere Gate	(Reg.)
4	Bahri Bros., 188, Lajpat Rai Market	(Reg.)
5	Bawa Harkishan Dass Bedi (Vijaya General Agencies) P.B. 2027, Ahata Kedara, Chamalian Road	(Reg.)
6	Book-Well, 4, Sant Narankari Colony, P.B. 1565	(Reg.)
7	Imperial Publishing Co., 3, Faiz Bazar, Daryaganj	(Reg.)
8	Metropolitan Book Co., 1, Faiz Bazar	(Reg.)
9	Publication Centre, Subzimandi	(Reg.)
10	Youngman & Co., Nai Sarak	(Reg.)
11	Indian Army Book Depot, 3, Daryaganj	(Reg.)
12	All India Educational Supply Co., Shri Ram Bldg.. Jawahar Nagar	(Rest)
13	Dhanwant Medical & Law Book House, 1522, Lajpat Rai Market	(Rest)
14	University Book House, 15, U. B. Bangalore Road, Jawahar Nagar	(Rest)
15	Law Literature House, 2646, Balimaran	(Rest)
16	Summer Bros., P.O. Birla Lines	(Rest)
17	Universal Book & Stetionery Co., 16, Netaji Subhas Marg	(Reg.)
18	B. Nath & Bros., 3808, Charakhawalan (Chowri Bazar)	(Rest)
19	Rajkamal Prakashan P. Ltd., 8, Faiz Bazar	(Reg.)
20	Premier Book Co., Printers, Publishers & Booksellers, Nai Sarak	(Rest)
21	Universal Book Traders, 80, Gokhale Market	(Reg.)
22	Tech. & Commercial Book Coy., 75, Gokhale Market	(Rest)

LIST OF AGENTS FOR THE SALE OF GOVERNMENT OF INDIA PUBLICATIONS

DELHI

23 Saini Law Publishing Co., 1416, Chabiganj, Kashmere Gate (Rest)
24 G. M. Ahuja, Booksellers & Stationers, 309, Nehru Bazar (Rest)
25 Sat Narain & Sons, 3141, Mohd. Ali Bazar, Mori Gate (Reg.)
26 Kitab Mahal (Wholesale Div.) P. Ltd., 28, Faie Bazar (Reg.)
27 Hindu Sahitya Sansar, Nai Sarak (Rest)
28 Munshi Ram Manohar Lal, Oriental Booksellers & Publishers, P.B. 1165, Nai Sarak (Rest)
29 R. L. Seth, Suppliers of Law, Commercial Tech. Books, Shanti Nagar, Ganeshpura (Rest)
30 Adarsh Publishing Service, 5A/10, Ansari Road (Rest)

DHANBAD

1 Ismag Co-operative Stores Ltd., P. O. Indian School of Mines (Reg.)
2 New Sketch Press, Post Box 26 (Rest)

DHARWAR

1 The Agricultural College Consumers Co-op. Society (Rest)
2 Rameshraya Book Depot, Subhas Road (Rest)
3 Karnatakaya Sahity Mandira of Publishers and Booksellers

ERNAKULAM

1 Pai & Co., Cloth Bazar Road (Rest)
2 South India Traders C/o Constitutional Journal (Reg.)

FEROZEPUR

English Book Depot, 78, Jhoke Road (Reg.)

GAUHATI

Mokshada Pustakalaya (Reg.)

GAYA

Sahitya Sadan, Gautam Budha Marg (Reg.)

GHAZIABAD

Jayana Book Agency (Rest)

GORAKHPUR

Vishwa Vidyalaya Prakashan, Nakhes Road (Reg.)

GUDUR

The Central General Manager, The N. D. C. Publishing & Ptg. Society Ltd. (Rest)

GUNTUR

Book Lovers Private Ltd., Kadriguda, Chowrasta (Reg.)

GWALIOR

1 Supdt., Printing & Stationery, M.B.
2 Loyal Book Depot, Patankar Bazar, Lashkar (Reg.)
3 M. C. Daftari, Prop. M. B. Jain & Bros. Booksellers, Sarafa, Lashkar (Rest)

HUBLI

Parvaje's Book House, Koppikar Road (Reg.)

HYDERABAD

1 Director, Govt. Press
2 The Swaraj Book Depot, Lakdikapul (Reg.)
3 Book Lovers Private Ltd. (Rest)
4 Labour Law Publications, 873, Sultan Bazar (Rest)

IMPHAL

Tikendra & Sons, Bookseller (Rest)

INDORE

1 Wadhawa & Co., 56, M. G. Road (Reg.)
2 Swarup Brothers Khajuri Bazar (Rest)
3 Madhya Pradesh Book Centre, 41, Ahilya Pura (Rest)
4 Modern Book House, Shiv Vilas Palace (Rest)
5 Navyug Sahitya Sadan, Publishers & Booksellers, 10, Khajuri Bazar (Rest)

JABALPUR

1 Modern Book House, 286, Jawaharganj (Reg.)
2 National Book House, 135. Jai Prakash Narain Marg (R)

JAIPUR

1 Government Printing and Stationery Department, Rajasthan
2 Bharat Law House, Booksellers & Publishers, Opp. Prem Prakash Cinema (Reg.)
3 Garg Book Co., Tripolia Bazar (Reg.)
4 Vani Mandir, Sawai Mansing Highway (Reg.)
5 Kalyan Mal & Sons, Tripolia Bazar (Rest)
6 Popular Book Depot, Chaura Rasta (Reg.)
7 Krishna Book Depot, Chaura Rasta (Rest)
8 Dominion Law Depot, Shah Building, P.B. No. 23 (Rest)

JAMNAGAR

Swedeshi Vastu Bhandar (Reg.)

JAMSHEDPUR

1 Amar Kitab Ghar, Diagonal Road, P.B. 78 (Reg.)
2 Gupta Stores, Dhatkidih (Reg.)
3 Sanyal Bros., Booksellers & News Agents, Bistapur Market (Rest)

JAWALAPUR

Sahyog Book Depot (Rest)

JHUNJHUNU

1 Shashi Kumar Sarat Chand (Rest)
2 Kapram Prakshan Prasaran, 1/90, Namdha Niwas, Azad Marg (R.)

JODHPUR

1 Dwarka Das Rathi, Wholesale Books and News Agents (Reg.)
2 Kitab-Ghar, Sojati Gate (Reg.)
3 Chopra Brothers, Tripolia Bazar (Reg.)

JULLUNDUR

1 Hazooria Bros., Mai Hiran Gate (Rest)
2 Jain General House, Bazar Bansanwala (Reg.)
3 University Publishers, Railway Road (Rest)

KANPUR

1 Advani & Co., P. Box 100, The Mall (Reg.)
2 Sahitya Niketan, Shradhanand Park (Reg.)
3 The Universal Book Stall, The Mall (Reg.)
4 Raj Corporation, Raj House, P.B. 200, Chowk (Rest)

KARUR

Shri V. Nagaraja Rao, 26, Srinivasapuram (Rest)

KODARMA

The Bhagwati Press, P.O. Jhumri Tilaiya, Dt. Hazaribagh (Reg.)

LIST OF AGENTS FOR THE SALE OF GOVERNMENT OF INDIA PUBLICATIONS

KOLHAPUR

Maharashtra Granth Bhandar, Mahadwar Road] (Rest)

KOTA

Kota Book Depot (Rest)

KUMTA

S. V. Kamat, Booksellers & Stationers (N. Kanara) (Reg.)

LUCKNOW

1 Soochna Sahity Depot (State) Book Depot)
2 Balkrishna Book Co., Ltd., Hazratganj (Reg.)
3 British Book Depot, 84, Hazratganj (Reg.)
4 Ram Advani, Hazratganj, P.B. 154 (Reg.)
5 Universal Publishers (P.) Ltd., Hazratganj (Reg.)
6 Eastern Book Co., Lalbagh Road. (Reg.)
7 Civil & Military Educational Stores, 106/B, Sadar Bazar (Rest)
8 Acquarium Supply Co., 213, Faizabad, Road (Rest)
9 Law Book Mart, Amin-Ud-Daula Park (Rest)

LUDHIANA

1 Lyall Book Depot, Chaura Bazar (Reg.)
2 Mohindra Brothers, Katcheri Road (Rest)
3 Nanda Stationery Bhandar, Pustak Bazar (Rest)
4 The Pharmacy News, Pindi Street (Rest)

MADRAS

1 Supdt., Govt. Press, Mount Road
2 Account Test Institute, P.O. 760 Emgore (Reg.)
3 C. Subbiah Chetty & Co., Triplicane (Reg.)
4 K. Krishnamurty, Post Box 384 (Reg.)
5 Presidency Book Supplies, 8, Pycrofts Road, Triplicane (Reg.)
6 P. Vardhachary & Co., 8, Linghi Chetty Street (Reg.)
7 Palani Parchuram, 3, Pycrofts Road, Triplicane (Reg.)
8 NCBH Private Ltd., 199, Mount Road (Rest)
9 V. Sadanand, The Personal Bookshop, 10, Congress Building. 111, Mount Road (Rest)

MADURAI

1 Oriental Book House, 258, West Masi Street (Reg.)
2 Vivekananda Press, 48, West Masi Street (Reg.)

MANDYA SUGAR TOWN

K. N. Narimhe Gowda & Sons (Rest)

MANGALORE

U. R. Shenoye Sons, Car Street, P. Box 128 (Reg.)

MANJESHWAR

Mukenda Krishna Nayak (Rest)

MATHURA

Rath & Co., Tilohi Bldg. Bengali Ghat (Rest)

MEERUT

1 Prakash Educational Stores, Subhas Bazar (Reg.)
2 Hind Chitra Press, West Kutchery Road (Reg.)
3 Layal Book Depot, Chhipi Tank (Reg.)
4 Bharat Educational Stores, Chhipi Tank (Rest)
5 Universal Book Depot, Booksellers & News Agents (Rest)

MONGHYR

Anusandhan, Minerva Press Building (Rest)

MUSSOORIE

1 Cambridge Book Depot, The Mall (Rest)
2 Hind Traders (Rest)

MUZAFFARNAGAR

1 Mittal & Co., 85-C, New Mandi (Rest)
2 B. S. Jain & Co., 71, Abupura (Rest)

MUZAFFARPUR

1 Scientific & Educational Supply Syndicate (Reg.)
2 Legal Corner, Tikmanio, House, Amgola Road (Rest)
3 Tirhut Book Depot (Rest)

MYSORE

1 H. Venkataramiah & Sons, New Statue Circle (Reg.)
2 Peoples Book House, Opp. Jagan Mohan Palace (Reg.)
3 Geeta Book House, Booksellers & Publishers, Krishnamurthipuram (Rest)
4 News Paper House, Lansdowne Building (Rest)
5 Indian Mercantile Corporation, Toy Palace Ramvilas (Rest)

NADIAD

R. S. Desay, Station Road (Rest)

NAGPUR

1 Supdt., Govt. Press & Book Depot (Reg.)
2 Western Book Depot, Residency Road (Reg.)
3 The Asstt. Secretary, Mineral Industry Association, Mineral House (Rest)

NAINITAL

Coural Book Depot, Bara Bazar (Rest)

NANDED

1 Book Centre, College Law General Books, Station Road (Rest)
2 Hindusthan General Stores, Paper & Stationery Merchants P.B. No. 51 (Rest)
3 Sanjoy Book Agency, Vazirabad (Rest)

NEW DELHI

1 Amrit Book Co., Connaughat Circus (Reg.)
2 Bhawani & Sons, 8F, Connanght Place (Reg.)
3 Central News Agency, 23/90, Connaughat Circus (Reg.)
4 Empire Book Depot, 278, Aliganj (Reg.)
5 English Book Stores, 7-L, Connaught Circus, P.O.B. 328 (Reg.)

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NEW DELHI

6	Faqir Chand & Sons,. 15-A, Khan Market	(Reg.)
7	Jain Book Agency, C-9, Prem House, Connaught Place	(Reg.)
8	Oxford Book & Stationery Co., Scindia House	(Reg.)
9	Ramkrishna & Sons (of Lahore) 16/B, Connaught Place	(Reg.)
10	Sikh Publishing House, 7-C, Connaught Place	(Reg.)
11	Suneja Book Centre, 24/90, Connaught Circus	(Reg.)
12	United Book Agency, 31, Municipal Market, Connaught Circus	(Reg.)
13	Jayana Book Depot, Chhaparwala Kuan, Karol Bagh	(Reg.)
14	Navayug Traders, Desh Bandhu Gupta Road, Dev Nagar	(Reg.)
15	Saraswati Book Depot, 15, Lady Hardinge Road	(Reg.)
16	The Secretary, Indian Met. Society, Lodi Road	(Reg.)
17	New Book Depot, Latest Books, Periodicals, Sty. & Novelles, P.B. 96, Connaught Place	(Reg.)
18	Mehra Brothers, 50-G, Kakaji	(Reg.)
19	Luxmi Book Stores, 42, Janpath	(Rest)
20	Hindi Book House, 82, Janpath	(Rest)
21	People Publishing House (P.), Ltd. Rani Janshi Road	(Reg.)
22	R. K. Publishers, 23, Beadon Pura, Karol Bagh	(Rest)
23	Sharma Bros., 17, New Market, Moti Nagar	(Reg.)
24	Aapki Dukan, 5/5777, Dev Nagar	(Rest)
25	Sarvodaya Service, 66A-1, Rohtak Road, P.B. 2521	(Rest)
26	H. Chandson, P.B. No. 3034	(Rest)
27	The Secretary, Federation of Association of Small Industry of India, 23/B/2, Rohtak Road	(Rest)
28	Standard Booksellers & Stationers, Palam Enclave	(Rest)
29	Lakshmi Book Depot, 57, Regarpura	(Rest)
30	Sant Ram, Booksellers, 16 New Municipal Market, Lody Colony	(Rest)

PANJIM

1	Singhals Book House, P. O. B. 70, Near the Church	(Rest)
2	Sagoon Gaydev Dhoud, Booksellers, 5-7, Rua, 31, de Jameria	(Rest)

PATHANKOT

The Krishna Book Depot, Main Bazar (Rest)

PATIALA

1	Supdt., Bhupendra State Press	
2	Jain & Co., 17, Shah Nashin Bazar	(Reg.)

PATNA

1	Supdt., Govt. Printing (Bihar)	
2	J. N. P. Agarwal & Co., Padri-Ki Haveli, Raghunath Bhawan	(Reg.)
3	Luxmi Trading Co., Padri-k-Haveli	(Reg.)
4	Moti Lal Banarsi Dass, Bankipore	(Reg.)
5	Bengal Law House Chowhatta	(Rest)

PITHORAGARH

Maniram Punetha & Sons (Rest)

PONDICHERRY

M/s. Honesty Book House, 9, Rue Duplix (R.)

POONA

1	Deccan Book Stall, Deccan Gymkhana	(Reg.)
2	Imperial Book Depot, 266, M. G. Rd.	(R.)
3	International Book Service, Deccan Gymkhana	(Reg.)
4	Raka Book Agency, Opp. Natu's Chawl, Near Appa Balwant Chowk	(Reg.)
5	Utility Book Depot, 1339, Shivaji Nagar	(Rest)

PUDUKOTTAI

Shri P. N. Swaminathan Sivan & Co., East Main Road (Rest)

RAJKOT

Mohan Lal Dossabhai Shah, Booksellers and Sub-Agents (Reg.)

RANCHI

1	Crown Book Depot, Upper Bazar	(Reg.)
2	Pustak Mahal, Upper Bazar	(Rest)

REWA

Supdt., Govt. State Emporium V. P.

ROURKELA

The Rourkela Review (Rest)

SAHARANPUR

Chandra Bharata Pustak Bhandar, Court Road (Rest)

SECUNDERABAD

Hindusthan Diary Publishers, Market Street (Reg.)

SILCHAR

Shri Nishitto Sen, Nazirpatti (Reg.)

SIMLA

1	Supdt., Himachal Pradesh Govt.	
2	Minerva Book Shop, The Mall	(Reg.)
3	The New Book Depot, 79, The Mall	(Reg.)

SINNAR

Shri N. N. Jakhadi, Agent, Times of India Sinnar (Nasik) (Rest)

SHILLONG

1	The Officer-in-Charge, Assam Govt., B. D.	
2	Chapla Bookstall, P. B. No. 1	(Rest)

SONEPAT

United Book Agency (Reg.)

SRINAGAR

The Kashmir Bookshop, Residency Road (Reg.)

SURAT

Shri Gajánan Pustakalaya, Tower Road (Reg.)

LIST OF AGENTS FOR THE SALE OF GOVERNMENT OF INDIA PUBLICATIONS

TIRUCHIRAPALLI

1 Kalpana Publishers, Wosiur (Reg.)
2 S. Krishnaswami & Co., 35, Subhash Chandra Bose Road (Reg.)
3 Palamiappa Bros. (Reg.)

TRIVANDRUM

1 International Book Depot, Main Road (Reg.)
2 Reddear Press & Book Depot, P. B. No. 4 (Reg.)

TUTICORIN

Shri K. Thiagarajan, 10 C, French Chapal Road (Reg.)

UDAIPUR

1 Jagdish & Co., Inside Surajapole (Rest)
2 Book Centre, Maharana, Bhopal Consumers, Co-op. Soefety Ltd (Reg.)

UJJAIN

Manak Chand Book Depot, Sati Gate (Rest)

VARANASI

1 Students, Friends & Co., Lanka (Rest)
2 Chowkhamba Sanskrit Series Office, Gopal Mandir Road, P.B. 8 (Reg.)
3 Glob Book Centre (Rest)
4 Kohinoor Stores, University Road, Lanka (Reg.)
5 B. H. U. Book Depot (Rest)

VELLORE

A. Venkatasubhan, Law Booksellers (Reg.)

VIJAYAWADA

The Book & Review Centre, Eluru Road, Governpet (Rest)

VISAKHAPATNAM

1 Gupta Brothers, Vizia Building. (Reg.)
2 Book Centre, 11/97, Main Road (Reg.)
3 The Secy. Andhra University, General Co-op. Stores Ltd. (Rest)

VIZIANAGARAM

Sarda & Co. (Rest)

WARDHA

Swarajeya Bhandar, Bhorji Market (Reg.)

For Local Sale

1 Govt. of India Kitab Mahal, Janpath, Opp. India Coffee House, New Delhi
2 Govt. of India Book Depot, 8, Hastings Street, Calcutta
3 High Commissioner for India in London, India House, London, W.C. 2

Railway Bookstall holders

1 S/S. A. H. Wheeler & Co., 15, Elgin Road, Allahabad
2 Gahlot Bros. K. E. M. Road, Bikaner
3 Higginbothams & Co. Ltd., Mount Road, Madras
4 M. Gulab Singh & Sons Private Ltd., Mathura Road, New Delhi

Foreign

1 S/S. Education Enterprise Private Ltd., Kathmandu (Nepal)
2 S/S. Aktie, Bologat, C. E. Fritzes Kungl, Hovobokhandel, Fredsgation-2, Box 1656, Stockholm—16 (Sweden)
3 Reise-und Verkehrsverlag Stuttgart, Post 730, Gutenbergstra 21, Stuttgart No. 11245, Stuttgart den (Germany West)
4 Shri Iswar Subramanayam, 452, Reversite Driv. Apt. 6, New York, 27 NWY
5 The Proprietor, Book Centre, Lakshmi Mansons, 49, The Mall, Lahore (Pakistan)

On S. & R. Basis

1 The Head Clerk, Govt. Book Depot, Ahmedabad
2 The Astt. Director, Extension Centre, Kapileswar Road, Belgaum
3 The Employment Officer, Employment Exchange, Dhar
4 The Asstt. Director, Footwear Extension Centre, Polo Ground No. 1, Jodhpur
5 The O. I/C., Extension Centre, Club Road, Muzaffarpur
6 The Director, Indian Bureau of Mines, Govt. of India Ministry of Mines & Fuel, Nagpur
7 The Asstt. Director, Industrial Extension Centre, Nadiad (Gujarat)
8 The Head Clerk, Photozincographic Press, 5, Finance Road, Poona
9 Govt. Printing & Stationery, Rajkot
10 The O.I/C Extension Centre, Industrial Estate, Kokar, Ranchi
11 The Director, S.I.S.I. Industrial Extension Centre, Udhna, Surat
12 The Registrar of Companies, Narayani Building, 27, Brabourne Road, Calcutta-1
13 The Registrar of Companies, Kerala, 50, Feet Road, Ernakulam
14 The Registrar of Companies, H. No. 3-5-83, Hyderguda, Hyderabad
15 Registrar of Companies, Assam, Manipur and Tripura, Shillong
16 Registrar of Companies, Sunlight Insurance Bldg., Ajmeri Gate Extension, New Delhi
17 Registrar of Companies Punjab and Himachal Pradesh, Link Road, Jullundur City
18 Registrar of Companies, Bihar, Jamal Road, Patna-1
19 Registrar of Companies, Raj. & Ajmer, Shri Kamta Prasad House, 1st Floor, 'C' Scheme, Ashok Marg., Jaipur
20 The Registrar of Companies, Andhra Bank Bldg., 6, Linghi Chetty Street P.B. 1530, Madras
21 The Registrar of Companies, Mahatma Gandhi Road, West Cott. Bldg. P.B. 334, Kanpur
22 The Registrar of Companies, Everest 100, Marine Drive, Bombay
23 The Registrar of Companies, 162, Brigade Road, Bangalore
24 The Registrar of Companies, Gwalior

LIST OF AGENTS FOR THE SALE OF GOVERNMENT OF INDIA PUBLICATIONS

On S. & R. Basis

25 Asstt. Director, Extension Centre, Bhuli Road, Dhanbad
26 Registrar of Companies, Orissa, Cuttack Chandi, Cuttack
27 The Registrar of Companies, Gujarat State, Gujarat Samachar Bldg., Ahmedabad
28 Publication Division, Sale Depot, North Block, New Delhi
29 The Development Commissioner, Small Scale Industries, New Delhi
30 The O.I/C., University Employment Bureau, Lucknow
31 O.I/C., S.I.S.I. Extension Centre, Malda
32 The O./C., S.I.S.I. Extension Centre, Habra, Tabaluria, 24-Parganas
33 O. I. C., S.I.S.I. Model Carpentry Workshop, Piyali Nagar, P. O. Burnipur
34 O.I/C., S.I.S.I., Chrontanning Extension Centre, Tangra 33, North Topsia Road, Calcutta-46

On S. & R. Basis

35 O.I/C., S.I.S.I., Extension Centre (Footwear), Calcutta
36 Asstt. Director, Extension Centre, Hyderabad
37 Asstt. Director, Extension Centre, Krishna Distt. (A.P.)
38 Employment Officer, Employment Exchange, Jhabua
39 Dy. Director Incharge, S.I.S.I., C/o. Chief Civil Admn., Goa, Panjim
40 The Registrar of Trade Unions, Kanpur
41 The Employment Officer, Employment Exchange, Gopal Bhavan, Mornia
42 The O.I/C., State Information Centre, Hyderabad
43 The Registrar of Companies, Pondicherry
44 The Asstt. Director of Publicity and Information, Vidhana Saubha (P.B. 271) Bangalore