

[Report of the Medical Officer of Health for Bethnal Green, Parish of St. Matthew].

Contributors

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BET 77
ROYAL SOCIETY OF MEDICINE
YEAR 1862.

EIGHTH REPORT

ON THE

HEALTH

OF

BETHNAL GREEN,

BY

SAMUEL PEARCE,

Medical Officer of Health.

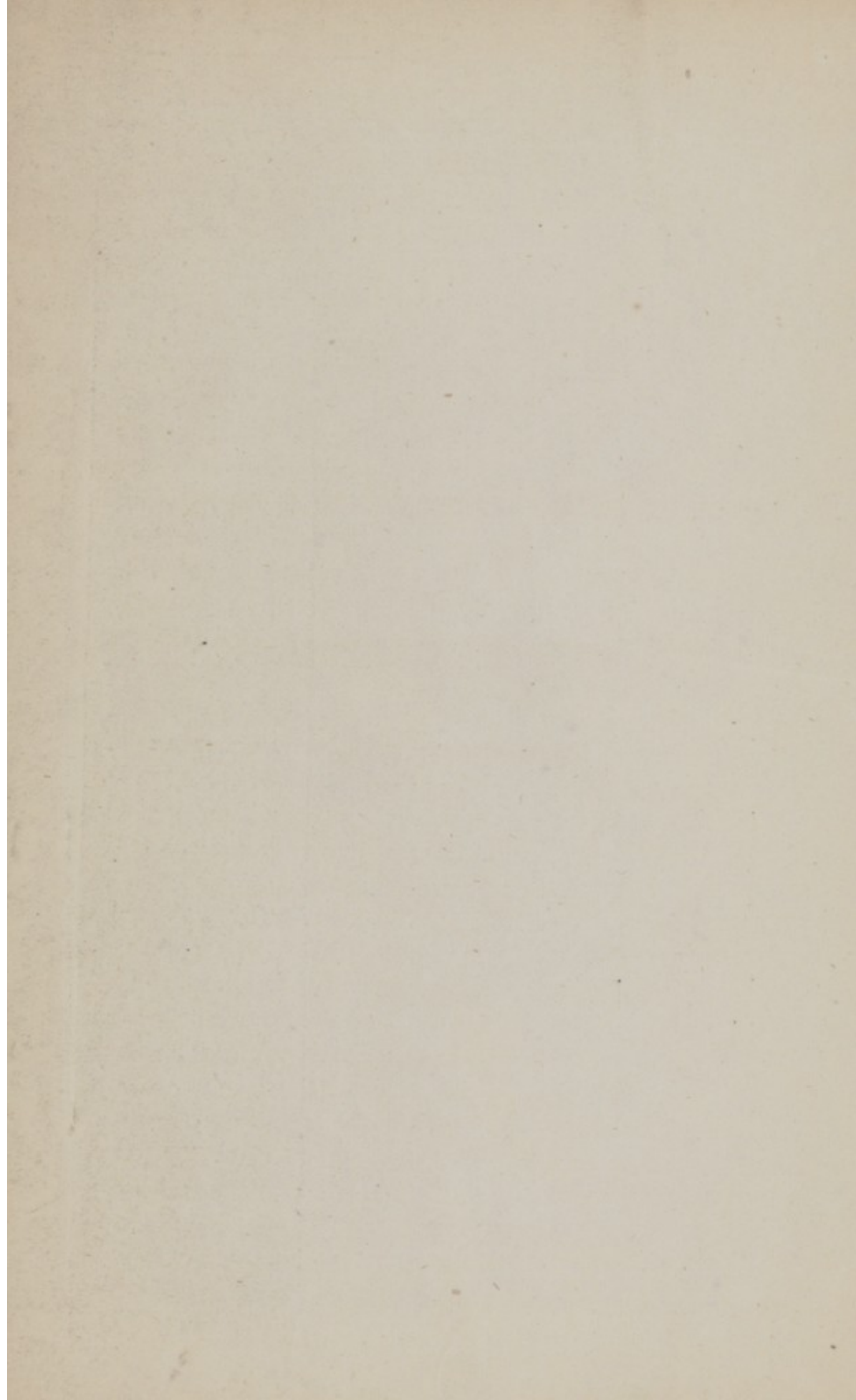
LONDON:

PRINTED BY ORDER OF VESTRY,

BY

J. S. FORSAITH, 118, BETHNAL GREEN ROAD, N.E.

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THIS REPORT
ON
THE HEALTH OF BETHNAL GREEN

DURING 1862,

IS DEDICATED

WITH PROFOUND RESPECT AND ESTEEM TO

F. H. RAMSBOTHAM, ESQ.,

OBSTETRIC PHYSICIAN TO THE LONDON HOSPITAL;

TO WHOSE

FRIENDLY BEARING, INVALUABLE LECTURES, AND EXTRAORDINARY

WORK ON

“THE PRINCIPLES OF OBSTETRIC MEDICINE AND SURGERY,”

THE AUTHOR

OWES GREAT AND LIFE-LONG REGARD.

135, BETHNAL GREEN ROAD,

June 20th, 1863.

REV. SIR AND GENTLEMEN,

Last year was, in point of health, unpropitious to Bethnal Green. The Pauper Illness and Mortality both increased; the one from a fatality of 2225 in 1861 to 2537 in 1862, the other from 8442 New Cases of Disease to 8871. In the first quarter, during which the "temperature of the air was for a few days together cold and then for a few days together warm, the degree of salubrity" exceeded the ratio of the preceding year. The Epidemic Deaths also decreased. Co-temporaneously the mortality of London was less, but the epidemic mortality more. The mean temperature (53.3°) of April, May, and June, slightly surpassed "the average of the same period in 21 years." Sixty more deaths than in the like three months of 1861, and an addition of 14 from Epidemics occurred in Bethnal Green; while correspondingly a surplus of 457 and 630 happened in London. "The cold summer was less healthy than the still colder summer of 1860;" it was also less healthy "than the warmer summer of last year." Our fatality in that time was higher by 143, that of London by 201. During the last quarter the deaths of the two increased respectively 174 and 1851. In two of the weeks "the mean temperature fell nearly as low as 37° . The mortality was high—chiefly in consequence of the sudden and premature invasion of winter soon after November had commenced," for "a cold winter makes many funerals; it cuts off quickly the old and infirm." The minimum mortality (29) of any one week in Bethnal Green was recorded

on May 17th, the maximum mortality (74) on November 22nd. Seven of our inhabitants died every day, 49 every week, and 211 in each month of the year. Numerically the Males amounted to 1262 and the Females to 1275. One out of every 149 deaths was "Not Certified," and to one out of every 158 "No Medical Attendant" was called. The death-rolls monthly and yearly of London and Bethnal Green, with the Epidemic contingencies and the meteorological characteristics, as observed at Greenwich, constitute the first Table in the Appendix of this Report.

If our population in 1862 be estimated on a tenth of the rate from 1851 to 1861, it consisted in April of 106,592 persons; of whom 26,537 occupied the 141 acres of Hackney Road; 32,612 the 391 acres of the Green; 25,902 the 132 acres of the Church; and 21,541 the 96 acres of the Town. Divisionally, under five years of age, the numbers amounted to 15,702; between five and ten, to 13,320; between ten and twenty, to 21,273; between twenty and forty, to 32,863; between forty and sixty, to 17,543; between sixty and eighty, to 5,499; between eighty and a hundred, to 386; and beyond one hundred years, to 1. They each and all bear the same ratio to the living as at the Census of 1851.

Besides the still-born, 4052 living Children, or 2057 Boys and 1995 Girls were registered in the Parish in the year. They are 27 less than in 1861. The Births exceeded the Deaths by, and formed a natural increase of 1515. Of these, 1122 occurred in the Winter, 982 in the Spring, 951 in the Summer, and 997 in the Autumn. They give a proportion of 103 Boys to 100 Girls, and of a Birth to the living in every 26. Throughout London the proportion was 1 in 29. Where 100 died 160 came into life, and to each 1000 of these the infantile loss was 323. The Table below represents our last published Illegitimate list.

Illegitimate Sub-District Births.	Males.	Females.	TOTAL.
Hackney Road	6	10	16
Green	33	34	67
Church.... ..	9	6	15
Town	11	7	18
	59	57	116

The above apportion us only 28 Births out of wedlock in every 1000; while, "in all England the proportion of Illegitimate Births amounts to about 65 per 1000 of all the Births; in the City it reaches to only 30 per 1000." Of the "Newly Born," so often found in our Canal and Park, some no doubt are born elsewhere;—these will therefore exonerate us from some of the crimes that are hidden there.

Bethnal Green, in 1862, attained the unenviable mortality of 2537; a mortality lower indeed by 409 than in the Cholera year 1849, but higher by 100 than when Cholera prevailed in 1854. It figured also 38 higher than its average for the last ten years. One death afflicted every 42 of the inhabitants of Bethnal Green, every 42·57 in London, every 38·78 in the Central Districts of the Metropolis, and every 38·58 in the East Districts in which we live.

The Causes of Death in the Obituary Table (No. 2) show, when compared with the totals of 1861, that we owe our high rate of death to the increased fatality of the Zymotic and Tubercular Classes of Disease.

The first of these, which contains the Epidemics, enumerates a loss of 783. As the epidemic frequency is "a most important testimony to the salubrity or insalubrity of a district," I cannot but regret that it told strongly against us last year.

Small Pox was fatal in 16 cases, or to 12 infants under five, to 1 at sixteen, and to 3 at twenty-one, twenty-six, and

thirty years. Latterly Small Pox has been frightfully on the increase. Its "natural history in unprotected communities is, that of every 100 persons attacked 35 die." But "this is not the extent of the evil. Blindness is very frequently the result of Small Pox. Then there is the disfigurement by scars, the destruction—the total destruction in many cases—of the good looks of the patient; and lastly, the general health is frequently profoundly shattered by a bad attack of Small Pox." To prevent such destruction there is but one prophylaxis—the god-like discovery of Dr. JENNER! It has however been noticed, that in "some vaccinated persons the insusceptibility conferred by cow pox is not of life-long duration," but "that the renascent liability to Small Pox may be guarded against by re-vaccination." Thus, in the Small Pox Hospital, "during the last twenty-seven years, not one instance has been known of a nurse or attendant contracting Small Pox, for all have been vaccinated or re-vaccinated immediately on their entering the Institution." What mischief from Small Pox is propagated by cabs the following fatal case incontestably proves:—"A cabman drove a physician to a house where a patient had been suffering from Small Pox. On arrival the patient was dead and the blinds were drawn down, and when the physician returned to the cab, the driver enquired if a death had occurred in the house, and what was the cause? The circumstances having been explained, the conscientious cabman stated, that two or three weeks before he had driven a lady to the door in question immediately after having taken a patient to the Small Pox Hospital. The lady turned out to be the patient now dead, and the period between her occupation of the infected cab and the commencement of her illness corresponded to the ordinary latent period of the disease."

167 against 17 in 1861 fell victims to Measles, of whom 162 had not reached the age of five.

Scarlatina, the ruling epidemic, (with Diptheria) cut off 192, an amount more than double its onslaught in the year before. In one house in Bethnal Green Road 5 children of the ages of fifteen months, of two, five, eight, and eleven years were swept away. These cases are recorded in the Registrar's return as "aggravated by the fetid exhalations of an adjoining Sausage Factory." "Occasionally Scarlatina is more fatal even than Typhus, and approaches nearer to the nature of plague than any other disease." Such pestilences not only "spread by contagion, but from time to time arise up here and there *de novo*, out of the malaria, or the defective drainage, or the want of ventilation."

Whooping Cough, unlike its predecessors, fell from 151 in 1861 to 88 in 1862.

Diarrhœa too was less prevalent than usual, and declined from 90 deaths to 71.

By Fever our loss was heavy and severe, for in the two periods its deaths augmented from 65 to 156.

Severally, and in the order of rotation, Small Pox caused 1 in 158 deaths, Measles 1 in 15, Scarlatina and Diptheria 1 in 13, Whooping Cough 1 in 29, Diarrhœa 1 in 36, and Typhus 1 in 16. On the other hand, out of every 10,000 of the population, Small Pox cut off 1·5 of the number, Measles 15·6, Scarlatina and Diptheria 18, Whooping Cough 8, Diarrhœa 6·6, and Typhus 14·6. In London, however, Small Pox numbered a death out of each 194, Measles out of each 29, Scarlatina and Diptheria out of each 16, Whooping Cough out of each 31, Diarrhœa out of each 38, and Typhus out of each 18. So likewise to every myriad of London, Small Pox was fatal to 1·2, Measles to 7·9, Scarlatina and Diptheria to 14·6, Whooping Cough to 7·5, Diarrhœa to 6·6, and Typhus to 12·7.

By the entire Epidemic Group 486 of our children died under the age of five ; 108 of our young persons from five to twenty years ; 35 of our adults between twenty and forty ; 31 others between forty and sixty ; 28 between sixty and eighty ; and two more after their eightieth year.

Next in succession follow 65 deaths from causes in the second class ; among which 19 are ascribed to Cancer and Mortification, 12 to Hæmorrhage, or "the effusion of blood," and 23 to Dropsy, or "the effusion of serum."

Out of the 442 "Constitutional or Specific Diseases" of Class 3,—14 individuals sank from Scrofula, 140 from Mesenteric Disease, 34 from Water on the Brain, and 254 from Consumption. At different periods Consumption was fatal to 56 in the first twenty years, of whom 20 did not reach the age of five ; to 132 in the second vicenniad, to 55 in the third, and to 11 in the fourth. In our social position, Consumption cost the Gentry 1 death in 6, the Tradesmen 1 in 10, and the Artizans 1 in 10 too. Its ratio with us was 1 out of every 9·9 deaths, its ratio in London 1 in 8·6. From our population there was 1 in 419 persons, and from that of London 1 in 369 persons taken away

Pure Air, and plenty of it, is the grand prophylactic of this destructive disease. Without it, like the monkeys of old in the unventilated rooms of the Zoological Gardens, we "rot and rot, and drop and drop."

By Affections of the 4th Class, the first of "the eight principal Organic Systems," 244 persons closed their earthly account. Convulsions hurried away 88, Apoplexy 32, and Paralysis 55. 115 had not completed their fifth year, and 7 only had passed fourscore.

Aneurism and Diseases of the Heart cut short 60 lives. During the last five years their average has been 58.

From Pulmonary Diseases there perished 421, or one among us out of every 253. They form a sixth of all who

died in 1862. I here append, as I have done before, the returns, month by month, of our mortal enemies—the Epidemics, Consumption, and Diseases of the Lungs :—

DISEASES.	January	February	March	April	May	June	July	August	September	October	November	December
Small Pox	2	1	2	..	1	..	..	1	1	2	1	5
Measles .....	..	..	2	4	6	8	21	34	28	39	21	4
Scarlatina	7	11	11	12	3	7	11	26	24	31	31	18
Whooping Cough..	12	12	6	5	9	6	2	8	3	8	8	9
Diarrhœa.....	2	2	..	1	1	2	6	24	20	8	3	2
Typhus	10	7	15	4	16	15	13	14	17	19	15	11
Consumption	33	15	15	23	25	21	23	17	17	30	11	24
Organs of Respi- ration	52	32	41	39	37	27	14	29	26	22	60	42
TOTALS....	118	80	92	88	98	86	90	153	136	159	150	115

Their total amount is 1365, and they killed 1 out of every 78 of the population of Bethnal Green.

Teething, which forms one of the Causes of Death in the Class of “Stomach and Digestive Organs,” carried off 61 Infants; Quinsey, Gastric Inflammation, Rupture, and Jaundice destroyed 8 more; 10 persons succumbed to Diseases of the Stomach, 27 to Affections of the Liver, and 13 to those of the Intestinal Canal.

In the Classes 8, 9, 10, 11 and 12, which comprehend the Diseases of the Kidneys, Childbirth, Joints, Bones, Skin, Cellular Tissue, and Malformation, there died respectively 18 in No. 8; 14 in No. 9; 14 in No. 10; 3 in No. 11; and 5 in No. 12. One death therein—that of our late Inspector, Mr. CORNWELL—from Carbuncle, has occasioned much and very sincere regret. He was ever faithful in the path of duty, and conscientious in all he did. Though he suffered much, he died full of hope, and his last words were—“All is Peace.”

Under "Premature Birth and Debility" our loss was 59; three of whom wore out between forty and sixty years, of premature decay.

The mortality in the next two groups includes 14 from "Atrophy" and 119 from "Old Age." In the latter class 4 perished untimely under sixty years.

Lastly, Classes 16 and 17 register 96 "Sudden" and 53 "Violent Deaths;" the former from Natural Causes, from Epidemics, Spasm of the Glottis and Diseases of the Brain, Heart and Lungs; the latter from Intemperance, from Privation of food, Burns, Suffocation, and various violent and suicidal means.

In 1862, 154 Inquests were held in Bethnal Green; 88, or 38 Adults and 50 Boys belonged to the Male, and 66, or 34 Adults and 32 Girls to the Female sex. The verdicts separately and collectively have been thus returned:—1 by a "Shock from falling down a Sewer;" 1 by a "Shock from Burns;" 1 by "Effusion of Serum on the Brain;" 1 by "Suffocation from food getting into the air passages whilst coughing;" 1 by "Congestion of Brain from excessive drinking;" 1 by "An Irritant Poison, how taken not known;" 1 by "Self-Suffocation;" 1 by "Self-Cut-Throat;" 1 "Knocked down by a horse and cart;" 1 "Run over by a railway van;" 2 by "Accidental Drowning;" 4 by "Concussion and Inflammation of Brain from a fall;" 4 by "Wilful Murder;" 4 by "Self-Drowning;" 7 by "Strangulation by Hanging;" 11 "Found Dying or Dead;" 16 by "Suffocation;" and 96 by "Sudden Deaths."

Fourteen individuals, or 1 out of every 7614 committed Suicide in the year. The positions and ages of these Self-Destroyers are annexed below. The wife of a Clerk ended her days at 26, a Hawker at 28, the wife of a Porter at 29, the widow of a Bricklayer at 35, a Male unknown at 40, a

Weaver at 41, a Male unknown at 45, another Weaver at 48, a third Weaver at 52, a fourth at 62, the wife of a Butcher at 62, a Sawyer at 64, an Undertaker at 64, and a Chair Carver at 67. The wife of the Clerk cut her throat and murdered her child, the Hawker and the wife of the Porter poisoned and suffocated themselves, the Sawyer, one Weaver and two Males unknown precipitated themselves into a watery grave; the wife of the Butcher, the widow of the Bricklayer, the Undertaker, three of the Weavers, and the Chair Carver resorted to Self-Strangulation.

The sum of the ages of the 2537 persons who died in 1862 amounted to 56,164 years. The latter, when divided by the deaths, give a mean age of 22·13, which, with two-thirds of its difference on the number living to each death, make the mean lifetime 35·37.* The first places us under a decrease of ·52 and the second of 2·94 years on the average of the preceding five. Throughout England “the mean age at death is 25·18 years, and the mean lifetime 41.” Relatively, the mean age of the Gentry—who consist principally of persons who have retired late in life—was 48·07 years, the mean of the Tradesmen 23 56, and of the Artisans 21·08. After the age of twenty, the mean of the thousand dying reached only 51·81, that is 8·19 years less than the English rate of Adults.

* One Death in 42·00 Living.
Mean..... 22·13 Age.

$$\begin{array}{r}
 19\cdot87 \\
 \underline{2} \\
 3)39\cdot74 \\
 \underline{13\cdot24} \\
 22\cdot13 \\
 \underline{35\cdot37}
 \end{array}$$

With respect to the fatality at certain ages,

“The young, like leaves in Spring, were blown away;”

For 220 perished under three months, 117 from three to six months, 207 from six to twelve months, and 767 from one year to five; making together the appalling number of 1311, and forming 516 out of every 1000 deaths. If, again, we take the population under five, 83·4 of each 1000 living never reached that age. In all England the proportions are—“398 per 1000 of the deaths, and 73·6 per 1000 of the living.”

“Infancy has to creep into life in the midst of foes, in impoverished or poisoned air, or in rooms unfit for habitation, and where it is thus cribbed, cabined, and confined, hecatombs of young lives are lost, and the human blossom most surely falls unexpanded.” To home influences we must therefore look to raise the vitality of infant life.

In the next five years and onwards through the succeeding ten, 138 more children and 86 other young persons died. Consequently, under the age of twenty 1535 of our numbers living, or a percentage exceeding 60, yielded to remorseless Death.

During the following twenty years, 297 left this busy scene and departed each to an early grave.

Through the third and fourth vicenniads, 308 and 335 besides, having played their parts, journied hence to the land unknown.

Finally, with 62 between eighty and a hundred years, “the weary wheel of life at length stood still.”

Among “the ancient of days,” 152 had passed three score and ten, 52 over four score, and 9 beyond four score and ten. One nearly completed the cycle of one hundred years and died beyond ninety-nine.

“The number living and the number dying at given intervals,” are fully exhibited in Table 7. There, of each number

living, 83 per 1000 died below five years, 10 between five and ten, 4 in the next ten, 9 in the following twenty, 11 between forty and sixty, 61 between sixty and eighty, and 161 between eighty and a hundred years. The fatality therein is smaller to infants than in 1857, and less to the old than in 1857—58.

Respectively in the Sub-Districts, the Births and Deaths affected each population thus:—In the Hackney Road there was a Birth to each 26, in the Green to each 27, in the Church to each 28, and in the Town to each 24. Correspondingly, in Sub-District 1, there was a death to every 45; in Sub-District 2, to every 33; in Sub-District 3, to every 51; and to Sub-District 4, to every 48. So likewise under the age of five, out of every 73, 81, 91 and 76 inhabitants, each in rotation lost a child. In regard to longevity, 16 60 years constituted the mean age in the Hackney Road, 28·83 years in the Green, 20·08 years in the Church, and 17·06 years in the Town; while of adults the lifetime was 50·56 in the first Sub-Division, 53·46 in the second 52·14, in the third, and 47·29 years in the fourth. Consumption caused to each in succession 1 out of every 11, 8, 14 and 19 deaths; Fever 1 out of 14, 20, 13 and 19; and the Epidemic Diseases 1 out of 3, 4, 3 and 4. More Males by 17 died in the Hackney Road, more Females by 13 in the Green, more Males by 6 in the Church, and more Females by 15 in the Town.

Of 130 Adult Weavers, Male and Female, 38 passed over seventy, and 15 over eighty years; they lived to a mean length of 61·78, or nearly ten years longer than the average generally of the dying adults. Six of them resided in the Hackney Road, 58 in the Green, 43 in the Church, and 23 in the Town. Consumption destroyed 14, and the Epidemics 10; 5 went off suddenly, and 1 was “found dead from exhaustion.” Four, or 1 in 33, committed Suicide, whereas

1 only out of 181 adults dying in 1862 sacrificed thus insanely every earthly tie. As "the tendency to suicide is least among persons who carry on occupations out of doors, and greatest among artisans who are weakly from birth, are confined in-doors, or have little muscular exercise," the solution probably may depend thereon.

Among the Male Adults living above twenty years, we lost 1 in 2 of the Relieving Officers, 1 in 3 of the Officers of the Local Board, 1 in 8 of the Solicitors, 1 in 41 of the Surgeons, 1 in 8 of the Merchants, 1 in 19 of the Clerks, 1 in 24 of the Hawkers, 1 in 29 of the Porters, 1 in 41 of the Cowkeepers, 1 in 137 of the Butchers, 1 in 121 of the Bakers, 1 in 71 of the Carpenters, 1 in 61 of the Cabinet-makers, 1 in 17 of the Labourers, 1 in 65 of the Weavers, 1 in 15 of the House Proprietors, 1 in 16 of the Gentlemen, and 1 in 15 of the Annuitants. 86 of the 463 described in Table 9, belonged to the Hackney Road, 229 to the Green, 84 to the Church, and 64 to the Town.

The Mortality Statistics of our several Institutions, Public and Private, show that 9 of the residents died in the Trinity Ground, 18 in the Model Lodgings of Columbia Square, 27 in the City of London Hospital, 36 in Bethnal House Asylum, and 237 in the Refuge for the helpless and destitute Poor.

In the latter noble Institution the death-roll comprised 127 of the male and 110 of the female sex. Directly or indirectly by descent, the deceased consisted of 1 Merchant, 1 Silversmith, 1 Engineer, 1 Painter, 1 Dyer, 1 Mason, 1 Wheelwright, 1 Currier, 1 Wax-maker, 1 Bookbinder, 1 Bricklayer, 1 Sawyer, 1 Wood Chopper, 1 Chair Maker, 1 French Polisher, 1 Cabinet-maker, 1 Gas Fitter, 1 Smith, 1 Shirt Cutter, 1 General Dealer, 1 Sweep, 1 Ostler, 1 Brush Drawer, 1 Dress-maker, 1 Bonnet-maker, 1 Washerwoman, 1 Um-

rella-maker, 1 Potman, 2 Tailors, 2 Box-makers, 2 Blacksmiths, 2 Harness-makers, 2 Porters, 2 Pipe-makers, 2 Watch-makers, 3 Clerks, 3 Turners, 4 Charwomen, 5 Winders, 5 Hawkers, 7 Boot and Shoe Binders, 9 Washers, 9 Seamstresses, 9 Unknown, 13 Shoe-makers, 29 Labourers, 47 Weavers, and 52 Servants. The fatality of each class of diseases was 16·8 per cent. of the Zymotic, 1·6 of Dropsy, 21·1 of the Tubercular, 12·6 of the Brain, 2·5 of the Heart, 14·3 of the Lungs, 2·1 of the Digestive Organs, 1·2 of the Violent and Sudden, 23·6 of Old Age, and 3·7 of other forms. The ratio of deaths to the five vicenniads of life was that 52 succumbed in the first, 32 in the second, 52 in the third, 85 in the fourth, and 16 in the fifth.

At Christmas ult. "the Vital forces" included 14 Boys and 38 Girls under two years of age, 81 Boys and 58 Girls from two to nine years, and 62 Boys and 41 Girls from nine to sixteen years.

After the age of sixteen the grown-up numbered 52 Able-Bodied Men and Women, 368 Temporarily Disabled, and 521 Old Men and Women;—making together a grand total of 1235. Besides the Sick—206 Men and 253 Women—there were 24 Insane Men and 28 Insane Women in the House, while there were in addition 111 Boys and 87 Girls under Instruction in the Schools, and 24 Boys in training for different trades.

Certain localities, with affinities somewhat alike, differed materially in their death returns. Thus, 10 died in Half Nichol Street, 11 in New Nichol Street, and 21 in Old Nichol Street.

The depopulating rate stood high also in other parts. In Lisbon Street there was a mortality of 11, in Scott Street of 11, in Turville Street of 15, in Thomas Street of 19, and in Old Castle Street of 23. Then, too, every 100 living, lost

above 3 in Providence Place, above 4 in Miring, Ely, and Accidental Places, above 4 in Shepherd's Court and Prospect Terrace, above 5 in Fief's Court, and above 7 in Sweet Apple Square.

The Health of the In and Out-door Poor in 1862 suffered much more than in 1861. Small Pox, Whooping Cough, and Diarrhœa numbered 10, 59, and 176 cases less, while Measles rose from 33 to 544, Scarlatina from 148 to 220, and Fever* from 581 to 935. Cholera increased from 1 to 4, and Diarrhœa assumed occasionally a Choleraic form. Acute Pulmonary Affections fell from 1122 to 957; Bronchitis and Pleuritis prevailing less but Pneumonia somewhat more. Rheumatic Fever declined 10, Ague and Diptheria did not occur, and Delirium Tremens was more by 2. Attacks of Erysipelas and Carbuncle were lower by 28, but Insanity rose 14. Puerperal Fever furnished each year a like return.

Among the 8871 new cases, 1266 had the advice and attention of Dr. Moore; 1399 of Mr. Vandenberg; 1422 of Mr. Defriez; 1438 of Dr. Welch; 1525 of Mr. Massingham; and 1821 of Mr. Smart. The old cases out of doors left from 1861, amounted to 15 in District 1; to 56 in No. 2; to 74 in No. 3; to 17 in No. 4; and to 41 in No. 5.

In Obstetric Practice 21 Labours were returned by Mr. Vandenberg; 23 by Dr. Welch; 40 by Mr. Massingham; 62 by Mr. Smart; 62 by Mr. Defriez; and 95 by Dr. Moore.

The ratio of Deaths to cases in the Workhouse and in the Out-door Districts, 3, 4, and 5, is 1 to 8 under Mr. Smart; 1 to 17 under Mr. Vandenberg; 1 to 20 under Mr. Massingham; and 1 to 20 under Dr. Welch. In Districts 1 and 2, the Mortality was not supplied.

“The Medical Report of Queen Adelaide's Dispensary

* Fever is only registered in Table 11, when attended at home. Several of the Cases, and many also of Insanity, have a double entry. (1.) in one of the Out-door Districts; and (2.) in the Workhouse return.

for the year ending December 31st, 1862," gives the New Patients as 2043; of whom "the average number daily attended at their own homes, amounted to 20, and the average daily attendance at the Dispensary amounted to 57." There "died 58."

In the City of London Hospital, "the number of In-patients under treatment last year was 440, and the number of Out-patients was 9074, while the average attendance each week was 1041."

The Practice in the Guardian Asylum consisted of 1 case of Small Pox, 6 of Diarrhœa, 2 of Rheumatic Fever, 6 of Catarrh, and 5 of other forms of disease.

I now pass to the Sanitary Miscellanea from Lady-day, 1861, to Lady-day, 1862. For the figures I am indebted to your Surveyor, who has very kindly filled up Table 12. It is there shown that 720 Houses were Inspected, 203 Drains Constructed, 249 Drains Trapped and 86 Improved, that 357 Cesspools were Filled up and 80 Emptied, that 89 New Closets were Constructed and 302 Improved, that the Dust Removals amounted to 16,700, the Gullies made to 120, the Gullies Emptied to 2576, the Gullies Trapped to 150, and the Houses connected with Sewers to 173.

Besides all these—the suppression of Trade Nuisances, the checking of Overcrowding, the improvements in Paving and Ventilation, the cleansing of certain Filthy Dwellings, the doing away (in many instances) with the keeping of Pigs, and the inspection and supervision of the Cow and Slaughter-houses, have doubtless, as "preventive agencies," warded off and blotted out disease.

Our statistical history shows in 1862:—

1. That in comparison with London, our Birth and Death Rates were both in excess.

2. That where 23·5 per 1000 of the population died in London, 23·8 per 1000 died in Bethnal Green.

3. That in Bethnal Green the epidemic ratio was higher by nearly 6 per cent.

4. That where London lost an inhabitant from Consumption in every 369, Bethnal Green lost but 1 in 419.

5. That where, in like manner, London lost from Fever 1 in 786, Bethnal Green had the greater loss of 1 in 683.

6. That of every 1000 living infants under five years of age, London lost about 8 less than Bethnal Green.

You will see by these "sensitive tests" how inauspicious our retrospect is, and how sadly we retrograded last year.

"Brief as the ephemera" was our Infant life—1311 Infants departed from us and left our homes for evermore! Hence it will tax our best energies to fortify that life, on which the future of Bethnal Green must so largely depend. And "as it is the home that makes the man," we must therefore make our homes "elements of health and long life." When preventive agencies are fully brought to bear on the physical evils which tell so fearfully on infant life, there will be less generation of, and predisposition to, disease, and the mortality under the age of five, will correspondingly be reduced. Then shall we suffer less from such "terrible correctives" as the 690 Epidemic Deaths in 1862.—Then, too, there will be more grow up; we shall have an "increased proportion of adults who are of the age, and strength, and skill, for productive industry, and an extended period during which each occupies his post."

I have the honor to be,

REV. SIR AND GENTLEMEN,

With great respect, very faithfully yours,

SAMUEL PEARCE,

Medical Officer of Health.

*To the Rector and the Gentlemen of the Vestry of
Saint Matthew, Bethnal Green.*

APPENDIX

TO THE

EIGHTH REPORT;

*Or, Tables of the Deaths, Pauper Health, and Sanitary Operations of
Bethnal Green, during the Year 1862.*

1. London Weather and Deaths, with the relative Mortality of Bethnal Green.
2. Nosological Register (Quarterly and Yearly) of every Death.
3. Sub-District Epidemic Deaths.
4. Comparative Mortality by Epidemics in London and Bethnal Green.
5. Mean Ages of Gentry, Tradesmen and Artisans.
6. Mean Ages in all 4 Sub-Districts.
7. "Law of Mortality;" or, "the numbers dying out of a given number living."
8. Comparative Mortality, Male and Female; Causes of, and Ages at, Death, in each Sub-District.
9. Deaths according to Occupations.
10. Workhouse Deaths.
11. Practice of the Poor-Law Medical Staff.
12. Synopsis of the several Works.

TABLE I.

Showing the London Weather and Deaths, and the relative Mortality in Bethnal Green.

METEOROLOGY.										DEATHS.							
1862. Months.	Mean Reading of Barometer.	Mean Temperature of Air.	Mean Dew point Temperature.	Relative proportion of Wind.				Daily Horizontal Movement of Air.	Amount of Rain in Inches.	In Bethnal Green.				In London.			
				N.	E.	S.	W.			Total.	Annual percent- age of Deaths in Bethnal Green.	Epidemic.	Percentage of Epidemic to Total Deaths.	Total.	Annual percent- age of London Deaths.	Epidemic.	Percentage of Epidemic to Total Deaths.
	In.	°	°					Miles.	In.								
January	29.705	39.0	34.6	4	4	11	12	255	1.9	236		33		7380		1281	
February ..	29.905	41.1	36.6	5	8	7	8	223	0.5	171	2 380	33		5466	2.349	949	
March	29.498	43.1	39.5	6	8	9	8	237	3.7	190		36		5559		1008	
April	29.847	48.4	43.0	4	5	10	11	269	2.8	176	or	26		5276	or	1061	
May	29.726	55.4	50.3	4	6	9	12	218	2.8	198		36		6016		1214	
June	29.718	56.3	49.3	7	1	7	15	268	1.8	165	1 Death	38	27.19	4403	1 Death	865	21.41
July	29.762	59.1	52.4	3	0	8	20	261	1.7	165		53		4472		1017	
August ...	29.785	59.5	53.5	7	6	8	10	199	3.0	260	in	107		6019	in	1598	
September ..	29.859	57.7	52.5	6	9	8	7	172	1.6	227		93		4642		1220	
October	29.726	51.8	48.6	4	6	8	13	288	4.0	271	42.01	107		5939	42.57	1512	
November ..	29.793	39.8	37.4	11	6	7	6	172	1.0	264		79		6040		1330	
December ..	29.865	43.6	40.3	4	2	10	15	324	1.6	214		49		5738		1282	
Totals of year	29.766	49.5	44.8	65	61	102	137	....	26.4	2537		690		66950		14337	

TABLE 2.

DEATHS REGISTERED IN THE PARISH OF SAINT MATTHEW, BETHNAL GREEN, IN THE 52 WEEKS,
ENDING DECEMBER 27TH, 1862.

CAUSES OF DEATH.	AGES.						Total.	QUARTERS.				Total of 1861.	CAUSES OF DEATH.	AGES.						Total.	QUARTERS.				Total of 1861.
	Under 5.	Under 20.	20 and under 40.	40 and under 60.	60 and under 80.	80 and above.		1	2	3	4			Under 5.	Under 20.	20 and under 40.	40 and under 60.	60 and under 80.	80 and above.		1	2	3	4	
I. ZYMOTIC:—783.													Peritonitis	2	3	1	6	2	3	..	1	2
Small Pox	12	1	3	16	5	1	2	8	12	Ascites	2	2	4	1	1	1	2	
Measles	162	5	..	..	..	..	167	2	18	83	64	17	Ulceration of Intestines .....	..	..	1	..	..	1	..	..	1	5
Scarlatina	134	56	2	..	..	..	192	29	22	61	80	80	Hernia (Rupture)	1	..	..	..	..	1	..	..	1	4
Whooping Cough	85	3	..	..	..	..	88	30	20	13	25	151	Ileus .....	..	..	..	..	..	..	..	..	..	1
Croup	37	4	..	1	..	..	42	9	8	9	16	42	Intussusception .....	..	1	..	1	..	2	..	1	1	..
Thrush	2	..	..	..	..	..	2	..	..	1	1	3	Stricture of Intestinal Canal .....	..	..	..	..	..	..	..	..	..	2
Diarrhoea (Bowel Complaint)	61	1	1	1	6	1	71	4	4	50	13	90	Disease of Stomach, &c. ....	..	..	1	5	4	10	..	3	4	3
Dysentery	1	..	1	..	..	..	2	1	..	..	1	5	Disease of Pancreas .....	..	..	..	..	..	..	..	..	..	..
Cholera	3	..	..	..	..	..	3	..	..	3	..	4	Inflammation of Liver (Hepatitis) ..	..	1	..	1	..	2	..	..	2	..
Influenza	1	..	..	..	..	..	1	1	..	..	..	..	Jaundice	4	..	1	2	..	7	1	1	2	3
Scurvy and Purpura	1	..	..	2	..	..	3	1	..	1	1	1	Disease of Liver .....	..	..	2	8	8	18	7	5	3	3
Ague .....	..	..	..	..	..	..	..	..	..	..	..	..	Disease of Spleen .....	..	..	..	..	..	..	..	..	..	..
Remittent Fever	2	..	1	3	1	..	1	1	2	VIII. KIDNEYS, &c.:—18.												
Infantile Fever .....	..	..	..	..	..	..	..	..	..	..	..	..	Nephritis .....	..	..	1	..	..	1	1	..	..	..
Typhus Fever	32	42	29	30	22	1	156	32	35	44	45	65	Nephritis (Bright's Disease) .....	..	2	2	5	..	9	3	..	3	3	
Puerperal Fever (Metria) .....	..	1	10	..	..	..	11	3	1	2	5	4	Ischuria .....	..	..	..	..	..	..	..	..	..	..
Rheumatic Fever	1	3	..	1	1	..	6	2	2	..	2	9	Diabetes .....	..	..	..	..	..	..	..	..	..	2
Erysipelas (Rose)	3	1	4	3	3	..	14	3	5	4	2	12	Stone .....	..	..	..	..	..	..	..	..	..	..
Syphilis	6	..	..	..	..	..	6	2	..	2	2	4	Cystitis .....	..	..	..	1	1	2	..	1	1	..
Noma (Canker) .....	..	..	..	..	..	..	..	..	..	..	..	..	Stricture of Urethra .....	..	..	..	..	..	..	..	..	..	2
Hydrophobia .....	..	..	..	..	..	..	..	..	..	..	..	..	Disease of Kidneys, &c. ....	..	1	1	2	..	2	6	2	..	4
II. DROPSY, &c.:—65.													IX. CHILD BIRTH:—14.												
Hæmorrhage	2	..	7	2	1	..	12	5	3	2	2	9	Paramenia .....	..	..	1	..	..	1	..	1	..	..
Dropsy	3	3	1	6	9	1	23	7	5	7	4	16	Ovarian Dropsy .....	..	..	..	..	..	..	..	..	..	..
Abscess (Gathering)	4	2	..	2	..	..	8	3	1	1	3	8	Childbirth (see Metria) .....	..	3	1	..	..	4	1	2	1	..
Ulcer .....	..	..	..	..	..	..	..	..	..	..	..	6	Disease of Uterus, &c. ....	..	1	2	4	2	9	1	2	3	3
Fistula	2	..	2	..	2	X. JOINTS, BONES, &c.:—14.												
Mortification	2	1	..	3	1	..	7	1	2	3	1	6	Rheumatism .....	..	..	1	2	2	5	2	..	1	2
Cancer	1	..	3	4	4	..	12	5	..	4	3	16	Arthritis .....	..	..	..	..	..	..	..	..	..	1
Gout .....	..	..	..	..	1	..	1	..	..	1	..	4	Disease of Joints .....	..	9	..	..	..	9	1	2	4	2
III. Tubercula:—442.													XI. SKIN, CELLULAR TISSUES, &c.:—3.												
Serofula	5	7	2	..	..	..	14	3	3	8	..	7	Carbuncle .....	..	..	1	..	1	2	..	..	1	1
Tubes Mesenterica	134	4	..	1	1	..	140	17	29	36	58	119	Phlegmon .....	..	..	..	..	..	..	..	..	..	..
Phthisis (Consumption)	20	36	132	55	11	..	254	63	69	57	65	235	Disease of Skin, &c.	1	..	..	..	..	1	..	..	1	..
Hydrocephalus (Water on the Brain) ..	32	2	34	18	7	3	6	23	XII. MALFORMATION:—5.												
IV. BRAIN AND NERVES:—244.													Spina Bifida .....	..	..	..	..	..	..	..	..	..	1
Cephalitis	16	3	1	1	..	..	21	5	7	4	5	18	Other Malformations	5	..	..	..	..	5	2	1	1	1
Apoplexy	2	11	18	1	32	9	9	4	10	28	XIII. PREMATURE BIRTH AND DEBILITY:—59.												
Palsy (Paralysis) .....	..	4	22	23	6	..	55	16	14	11	14	50	53	..	..	3	3	..	59	19	11	18	11
Delirium Tremens	2	2	..	2	1	XIV. ATROPHY:—14.												
Chorea .....	..	..	..	..	..	..	..	..	..	..	..	..	12	1	..	..	1	..	14	3	3	4	4
Epilepsy	2	2	3	1	8	3	3	2	..	11	XV. OLD AGE:—119.												
Tetanus .....	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	4	78	37	119	43	27	21	28
Insanity	1	3	4	3	..	11	2	1	5	3	4	XVI. SUDDEN DEATH:—96.												
Convulsions	82	6	..	..	..	..	88	22	21	20	25	113	40	5	15	15	19	2	96	23	31	18	24
Disease of Brain, &c.	15	1	4	3	4	..	27	3	7	7	10	26	XVII. VIOLENT DEATH:—53.												
V. HEART & BLOOD VESSELS:—60.													Intemperance	1	1	..	1	
Pericarditis .....	..	..	..	..	..	..	..	..	..	..	..	1	Privation of Food	1	..	..	..	..	1	..	1	..	..
Aneurism .....	..	..	1	1	..	..	2	..	1	1	..	2	Want of Breast Milk	1	..	..	..	..	1	..	1	..	5
Disease of Heart, &c.	4	5	19	19	11	..	58	16	9	14	19	59	Neglect .....	..	..	..	..	..	..	..	..	..	1
VI. LUNGS AND ORGANS OF RESPIRATION:—421.													Cold	
Laryngitis	8	..	..	1	..	..	9	2	3	2	2	11	Poison .....	..	2	..	..	..	2	2	..	..	1
Bronchitis	51	..	9	34	56	6	156	51	40	16	49	167	Burns and Scalds	1	..	..	..	..	1	..	..	..	1
Pleurisy	1	..	..	1	..	..	2	..	2	..	..	1	Hanging (Suicide) .....	..	..	1	2	4	7	1	1	1	4
Pneumonia	170	6	8	7	5	..	196	53	43	42	58	194	Suffocation	15	..	1	..	..	16	7	6	2	1
Asthma .....	..	..	19	19	..	..	38	13	9	4	12	52	Drowning	1	1	..	3	1	6	1	3	1	1
Disease of Lungs	6	..	2	7	4	1	20	6	6	5	3	16	Fractures and Contusions .....	..	..	..	..	..	..	..	..	..	..
VII. STOMACH AND DIGESTIVE ORGANS:—127.													Wounds	1	1	1	1	
Teething	61	..	..	..	..	..	61	18	15	10	18	46	Other Violent Causes	10	1	..	2	3	16	3	2	7	4
Quinsey	1	1	1	4	NOT SPECIFIED												
Gastritis	2	..	1	4	1	..	8	2	2	2	2	2	1	1	1		
Enteritis	3	1	2	6	2	..	2	2	9	TOTALS												
														1311	224	297	308	335	62	2537	597	539	652	749	

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ENDING DECEMBER 27TH, 1862.

CAUSES OF DEATH.	AGES.						Total.	QUARTERS.				Total of 1861.	CAUSES OF DEATH.	AGES.						Total.	QUARTERS.				Total of 1861.
	Under 5.	Under 20.	20 and under 40.	40 and under 60.	60 and under 80.	80 and above.		1	2	3	4			Under 5.	Under 20.	20 and under 40.	40 and under 60.	60 and under 80.	80 and above.		1	2	3	4	
I. ZYMOTIC:—783.																									
Small Pox	12	1	3	..	..	..	16	5	1	2	8	12	Peritonitis	..	2	3	1	..	..	6	2	3	..	1	2
Measles	162	5	..	..	..	..	167	2	18	83	64	17	Ascites	..	..	2	2	..	..	4	1	1	1	1	2
Scarlatina	134	56	2	..	..	..	192	29	22	61	80	80	Ulceration of Intestines	..	..	1	..	..	..	1	..	1	..	..	5
Whooping Cough	85	3	..	..	..	..	88	30	20	13	25	151	Hernia (Rupture)	1	..	..	..	..	1	..	..	..	1	4	
Croup	37	4	..	1	..	..	42	9	8	9	16	42	Ileus	..	..	..	..	..	..	..	..	..	..	1	
Thrush	2	..	..	..	..	..	2	..	..	1	1	3	Intussusception	..	1	..	..	1	..	2	..	1	1	..	3
Diarrhœa (Bowel Complaint)	61	1	1	1	6	1	71	4	4	50	13	90	Stricture of Intestinal Canal	..	..	..	..	..	..	..	..	..	..	2	
Dysentery	1	..	1	..	..	..	2	1	..	..	1	5	Disease of Stomach, &c.	..	..	1	5	4	..	10	..	3	4	3	7
Cholera	3	..	..	..	..	..	3	..	..	3	..	4	Disease of Pancreas	..	..	..	..	..	..	..	..	..	..	..	..
Influenza	1	..	..	..	..	..	1	1	..	..	..	..	Inflammation of Liver (Hepatitis)	..	1	..	1	..	..	2	..	..	2	..	7
Scurvy and Purpura	1	..	..	2	..	..	3	1	..	1	1	1	Jaundice	4	..	1	2	..	..	7	1	1	2	3	7
Ague	..	..	..	..	..	..	..	..	..	..	..	..	Disease of Liver	..	..	2	8	8	..	18	7	5	3	3	16
Remittent Fever	2	..	1	..	..	..	3	1	..	1	1	2	Disease of Spleen	..	..	..	..	..	..	..	..	..	..	..	..
Infantile Fever	..	..	..	..	..	..	..	..	..	..	..	..	VIII. KIDNEYS, &c.:—18.												
Typhus Fever	32	42	29	30	22	1	156	32	35	44	45	65	Nephritis	..	..	1	..	..	..	1	1	..	..	..	1
Puerperal Fever (Metria)	..	1	10	..	..	..	11	3	1	2	5	4	Nephria (Bright's Disease)	..	2	2	5	..	..	9	3	..	3	3	5
Rheumatic Fever	1	3	..	1	1	..	6	2	2	..	2	9	Ischuria	..	..	..	..	..	..	..	..	..	..	..	..
Erysipelas (Rose)	3	1	4	3	3	..	14	3	5	4	2	12	Diabetes	..	..	..	..	..	..	..	..	..	..	..	2
Syphilis	6	..	..	..	..	..	6	2	..	2	2	4	Stone	..	..	..	..	..	..	..	..	..	..	..	..
Noma (Canker)	..	..	..	..	..	..	..	..	..	..	..	..	Cystitis	..	..	..	1	1	..	2	..	..	1	1	..
Hydrophobia	..	..	..	..	..	..	..	..	..	..	..	..	Stricture of Urethra	..	..	..	..	..	..	..	..	..	..	..	2
													Disease of Kidneys, &c.	..	1	1	2	..	2	6	2	..	..	4	2
IX. CHILD BIRTH:—14.																									
Hæmorrhage	2	..	7	2	1	..	12	5	3	2	2	9	Paramenia	..	..	1	..	..	..	1	..	1	..	..	..
Dropsy	3	3	1	6	9	1	23	7	5	7	4	16	Ovarian Dropsy	..	..	..	..	..	..	..	..	..	..	..	..
Abscess (Gathering)	4	2	..	2	..	..	8	3	1	1	3	8	Childbirth (see Metria)	..	..	3	1	..	..	4	1	2	1	..	7
Ulcer	..	..	..	..	..	..	..	..	..	..	..	5	Disease of Uterus, &c.	..	1	2	4	2	..	9	1	2	3	3	14
Fistula	..	..	..	2	..	..	2	..	2	..	..	..										
Mortification	2	1	..	..	3	1	7	1	2	3	1	6													
Cancer	1	..	3	4	4	..	12	5	..	4	3	16													
Gout	..	..	..	..	1	..	1	..	..	1	..	4													
X. JOINTS, BONES, &c.:—14.																									
Scrofula	5	7	2	..	..	..	14	3	3	8	..	7	Rheumatism	..	..	1	2	2	..	5	2	..	1	2	1
Tabes Mesenterica	134	4	..	1	1	..	140	17	29	36	58	119	Arthritis	..	..	..	..	..	..	..	..	..	..	..	1
Phthisis (Consumption)	20	36	132	55	11	..	254	63	69	57	65	235	Disease of Joints	..	9	..	..	..	..	9	1	2	4	2	10
Hydrocephalus (Water on the Brain)	32	2	..	..	..	..	34	18	7	3	6	23													
XI. SKIN, CELLULAR TISSUES, &c.:—3.																									
Cephalitis	16	3	1	1	..	..	21	5	7	4	5	18	Carbuncle	..	..	1	..	1	..	2	..	..	1	1	3
Apoplexy	..	..	2	11	18	1	32	9	9	4	10	28	Phlegmon	..	..	..	..	..	..	..	..	..	..	..	..
Palsy (Paralysis)	..	..	4	22	23	6	55	16	14	11	14	50	Disease of Skin, &c.	1	..	..	..	..	..	1	..	..	1	..	3
Delirium Tremens	..	..	2	..	..	..	2	..	2	..	..	1													
Chorea	..	..	..	..	..	..	..	..	..	..	..	..	
Epilepsy	2	2	3	1	..	..	8	3	3	2	..	11													
Tetanus	..	..	..	..	..	..	..	..	..	..	..	1													
Insanity	..	1	3	4	3	..	11	2	1	5	3	4													
Convulsions	82	6	..	..	..	..	88	22	21	20	25	113													
Disease of Brain, &c.	15	1	4	3	4	..	27	3	7	7	10	26													
XII. MALFORMATION:—5.																									
XIII. PREMATURE BIRTH AND DEBILITY:—59.																									
XIV. ATROPHY:—14.																									
XV. OLD AGE:—119.																									
XVI. SUDDEN DEATH:—96.																									
XVII. VIOLENT DEATH:—53.																									
Intemperance																									
Privation of Food																									
Want of Breast Milk																									
Neglect																									
Cold																									
Poison																									
Burns and Scalds																									
Hanging (Suicide)																									
Suffocation																									
Drowning																									
Fractures and Contusions																									
Wounds																									
Other Violent Causes																									
NOT SPECIFIED																									
TOTALS																									

TABLE 3.

Sub-District Epidemic Mortality in 1862.

Sub-Districts of Bethnal Green.	Small Pox.	Measles.	Scarlatina and Diphtheria.	Whooping Cough.	Diarrhoea.	Typhus.	Total of Epidemics.	Percentage to Total Deaths.
Hackney-road	2	48	56	24	18	43	191	
Green.....	4	47	61	35	25	49	221	
Church	4	35	51	18	12	40	160	27·19
Town	6	37	24	11	16	24	118	
Totals.....	16	167	192	88	71	156	690	

TABLE 4.

*Comparative Mortality of Epidemics in London and
Bethnal Green.*

Epidemics.	Mortality to every 10,000 Persons.	
	London.	Bethnal Green.
Small Pox	1·2	1·5
Measles	7·9	15·6
Scarlatina and Diphtheria	14·6	18·0
Whooping Cough	7·5	8·2
Diarrhoea.....	6·6	6·6
Typhus ...	12·7	14·6

TABLE 5.*Mean Ages of Gentry, Tradesmen, and Artisans.*

Classes.	Nos. of Deaths.	Years of Life in 1862.				Mean Age at Death.	Percentage of each Class to Total Deaths.
		Years.	Mths.	Wks.	Days.	Years.	
Gentry	42	2019	9	..	..	48·07	1·66
Tradesmen	618	14562	9	2	1	23·56	24·36
Artisans, La- bourers, and Paupers ... }	1877	39581	4	1	4	21·08	73·98
Totals	2537	56163	10	3	5	22·13	100·00

TABLE 6.*Mean Ages in the Four Sub-Districts.*

Sub-Districts.	Nos. of Deaths.	Years of Life in 1862.				Mean Age at Death.
		Years.	Mths.	Wks.	Days.	Years.
Hackney Road ..	591	9814	2	3	2	16·60
Green	985	28402	..	..	6	28·83
Church	512	10283	7	1	6	20·08
Town	449	7664	..	1	5	17·06
Totals	2537	56163	10	3	5	22·13

TABLE 7.*Law of Mortality in Bethnal Green in 1862.*

Ages.	Numbers Living.	Numbers Dying.	Death Percentages to Population.
0— 5....	15702	1311	8·349
5— 10....	13320	138	1·036
10— 20....	21273	86	0·404
20— 40....	32863	297	0·891
40— 60....	17548	308	1·128
60— 80....	5499	335	6·110
80— 100....	386	62	16·062
Above 100....	1	..	..

TABLE 8.

*Comparative Mortality, Causes of, and Ages at, Death, in each of the
Sub-Districts of Bethnal Green, during the 52 weeks ending
December 27th, 1862.*

Sub-Districts.	CAUSES.								DEATHS.		
	Zymotic or Epidemic Class.	Tubercular Class.	Brain, Nerves, &c.	Heart, &c.	Respiratory Organs.	Digestive Organs.	Violence, Privation, &c.	All other Diseases.	Males.	Females.	General Total.
Hackney Road.	213	106	48	11	91	30	12	80	287	304	591
Green	249	183	99	27	159	51	23	194	499	486	985
Church	176	75	59	7	93	25	8	69	259	253	512
Town	145	78	38	15	78	21	10	64	217	232	449
Totals	783	442	244	60	421	127	53	407	1262	1275	2537

Sub-Districts.	AGES.								DEATHS.		
	0—1	1—5	5—10	10—20	20—40	40—60	60—80	80—100 and above	Males.	Females.	General Total.
Hackney Road.	154	210	35	16	54	61	54	7	287	304	591
Green	166	235	48	38	135	140	185	38	499	486	985
Church	120	163	32	16	52	58	61	10	259	253	512
Town	104	159	23	16	56	49	35	7	217	232	449
Totals	544	767	138	86	297	308	335	62	1262	1275	2537

TABLE 9.

Occupation of Males, aged 20 years and upwards, whose Deaths were registered in Bethnal Green, during the 52 weeks ending December 27th, 1862.

OCCUPATIONS OF MALES AGED TWENTY AND UPWARDS.		Living in Bethnal Green at the census of 1851. Aged 20 & upwards	Deaths registered in the 52 weeks ending December 27th, 1862.				
			Total.	Ages at Death.			
				Aged 20 & upwards	20—40	40—60	60—80 and upwards.
Class							
1. (1) Customs	77	1	..	1	..	..	..
(2) Union Relieving Officer	2	1	..	..	1	..	..
2. (1) Chelsea Pensioner	44	1	..	..	..	1	..
(2) Navy Half-pay Officer	1	1	..	..	1	..	..
3. (2) Solicitor	16	2	1	..	1	..	..
(3) Surgeon	41	1	..	1	..	..	..
Other Medical Men	8	1	1	..	..	..	..
4. (2) Architect	2	1	..	..	..	1	..
Others engaged in the Fine Arts..	..	2	..	1	1	..	..
6. (2) Domestic Servant (General)	65	1	..	1	..	..	..
Groom	3	1	1	..	..	..	..
Inn Servant	104	6	3	3	..	..	..
(3) Hairdresser	65	1	..	..	1	..	..
Hatter	106	4	1	2	1	..	..
Tailor	351	10	2	4	4	..	..
Shoemaker	1643	24	8	4	11	1	..
7. (1) House Proprietor	78	5	..	2	2	1	..
Merchant	8	1	..	..	1	..	..
Banker	1	1	..	..	..	1	..
Broker	21	1	..	1	..	..	..
Agent, Factor	11	4	..	4	..	..	..
Salesman	13	2	2	..	..	..	..
Accountant	38	1	1	..	..	..	..
Commercial Clerk	173	9	6	1	2	..	..
Commercial Traveller	45	5	2	1	2	..	..
Hawker, Pedlar	190	8	2	3	1	2	..
Other General Merchants, Dealers, and Agents	146	4	2	1	1	..	..
8. (1) Railway Engine Driver, Stoker..	32	2	1	1	..	..	..
Coach and Cab Owner	9	1	..	1	..	..	..
Carman, Carrier, Carter, Drayman	280	3	1	2	..	..	..
Omnibus Owner, Conductor, Driver	13	1	..	..	1	..	..
Others engaged in Road Convey- ance	60	4	2	2	..	..	..
(4) Seaman	160	2	..	..	2	..	..
Others connected with Sea Navi- gation	472	2	..	..	2	..	..
Dock Service, Dock Labourer ..	..	11	2	7	2	..	..
(5) Engaged in Warehousing	147	2	2	..	..	..	..
(6) Messenger, Porter	446	15	6	4	4	1	..
9. (1) Farm Bailiff .....	..	1	..	..	1	..	..
10. (1) Drover	30	1	..	1	..	..	..
Farrier	39	2	..	..	2	..	..
11. (1) Bookbinder	54	1	..	..	1	..	..
Printer	168	7	2	3	2	..	..
(3) Musician	50	1	..	1	..	..	..
(7) Civil Engineer	1	1	..	1	..	..	..
(9) Watchmaker	90	2	..	1	1	..	..
(10) Gunsmith	51	3	3	..	..	..	..
(13) Whip Maker	11	1	..	..	1	..	..
Other Harness Makers	3	3	1	1	1	..	..
(14) Boat, Barge Builder	6	1	..	1	..	..	..
(15) Carpenter, Joiner	572	8	2	4	2	..	..
Bricklayer	452	5	..	3	2	..	..
Mason, Pavior	72	4	1	1	2	..	..
Slater	3	1	1	..	..	..	..
Painter, Plumber, Glazier ..	367	3	1	1	1	..	..
(16) Wheelwright	57	2	..	1	1	..	..
(17) Dyer, Scourer, Calenderer ..	119	8	2	3	3	..	..
Class							
12. (1) Cowkeeper, Milkseller	124	3	..	1	2	..	..
Butcher	275	3	1	2	..	..	..
Poulterer	32	1	1	..	..	..	..
Others dealing in Animal Food ..	70	1	..	..	1	..	..
(2) Comb Maker	49	1	..	1	..	..	..
(3) Currier	50	2	..	2	..	..	..
(5) Brush and Broom Maker	109	1	..	..	1	..	..
(6) Carpet and Rug Manufacture ..	109	1	1	..	..	..	..
Worsted Manufacture	2	2	1	1	..	..	..
(7) Silk Manufacture	4356	67	4	22	37	4	..
13. (1) Greengrocer	120	1	..	1	..	..	..
Corn Merchant	41	2	..	..	2	..	..
Baker	363	3	2	1	..	..	..
Confectioner	92	2	2	..	..	..	..
(2) Brewer	128	1	..	1	..	..	..
Licensed Victualler, Beer Shop Keeper	208	13	6	4	3	..	..
Grocer	177	1	..	1	..	..	..
Tobaccoist	45	4	4	..	..	..	..
(3) Oil and Colourman	69	1	..	..	..	1	..
French Polisher	78	2	1	1	..	..	..
(4) Timber Merchant	38	1	..	..	1	..	..
Other Dealers, Workers in Tim- ber	63	2	1	1	..	..	..
(5) Cork Cutter	52	2	..	1	1	..	..
(6) Sawyer	148	3	..	1	2	..	..
(7) Cabinet Maker, Upholsterer ..	614	10	1	3	6	..	..
Turner	172	6	1	..	5	..	..
Chair Maker	234	5	4	..	1	..	..
Box Maker	117	3	2	1	..	..	..
(8) Cooper	186	7	1	2	4	..	..
(9) Block and Print Cutter	11	1	1	..	..	..	..
(12) Draper	75	6	5	..	1	..	..
(13) Paper Stainer	77	2	1	1	..	..	..
Paper Hanger	33	1	..	..	1	..	..
14. (1) Chimney Sweeper	14	1	..	1	..	..	..
Gas Works Service	20	4	2	2	..	..	..
(2) Road Labourer	8	2	..	1	1	..	..
(3) Tobacco Pipe Makers and others ..	29	2	..	2	..	..	..
(8) Goldsmith, Silversmith	69	1	..	..	1	..	..
Carver, Gilder	97	6	3	1	2	..	..
(13) Brass Founder	67	2	1	1	..	..	..
White Metal Manufacture .....	..	2	..	2	..	..	..
Wire Worker	28	2	..	1	1	..	..
(14) Ironmonger	14	1	..	1	..	..	..
Blacksmith	189	2	2	..	..	..	..
15. (1) Labourer (branch undefined) ..	1010	58	18	17	21	2	..
Mechanic, Manufacturer, Shop- man (branch undefined) ..	12	3	1	..	2	..	..
Others of indefinite occupation ..	9	3	1	1	1	..	..
16. (1) Gentleman, Independent	32	2	..	1	..	1	..
Annuitant	75	5	..	..	3	2	..
18. (3) Persons of no stated occupations or condition	221	9	4	3	2	..	..
TOTAL	17167	463	131	151	163	18	..

TABLE 10.

*Causes of, and Ages at, Death, in the Workhouse, Bethnal Green,
during the 52 Weeks ending December 27th, 1862.*

Zymotic or Epidemic Class.	Tubercular Class.	Brain, Nerves, &c.	Heart, &c.	Respiratory Organs.	Digestive Organs.	Violence, Privation, &c.	All other Diseases.	General Total.
40	50	30	6	34	5	3	69	237
AGES.								
0—1	1—5	5—10	10—20	20—40	40—60	60—80	80—100	General Total.
22	25	1	4	32	52	85	16	237

TABLE 11.

*New Cases of Disease attended by the Poor-Law Medical Staff,
during the Year 1862.*

PARISH OF BETHNAL GREEN.	Out-Door Districts.					Workhouse.	TOTALS.
	1	2	3	4	5		
Small Pox	6	14	13	8	20	..	61
Chicken Pox	5	..	4	1	3	..	13
Measles	51	56	81	160	166	30	544
Scarlatina	21	37	54	45	62	1	220
Whooping Cough	18	30	19	40	38	12	157
Croup .....	..	3	5	4	4	1	17
Diarrhoea	64	79	97	103	100	45	488
Dysentery .....	..	2	4	4	2	..	12
Cholera .....	..	..	..	..	4	..	4
Ague .....	..	..	..	..	..	..	..
Continued Fever	66	245	91	122	142	269	935
Rheumatic Fever	3	..	15	..	14	1	33
Erysipelas	8	12	16	6	9	9	60
Delirium Tremens	4	..	1	..	..	4	9
Insanity	10	11	6	7	5	41	80
Bronchitis and Catarrh	253	97	190	99	149	13	801
Diphtheria .....	..	..	..	..	..	..	..
Pleurisy	9	3	7	11	7	..	37
Pneumonia	26	7	57	6	4	19	119
Puerperal Fever	1	1	1	..	2	1	6
Pyæmia .....	..	..	..	..	..	..	..
Carbuncle	1	..	4	2	4	4	15
All other Diseases	546	597	665	618	735	450	3611
	720	825	734	907	703	1371	5260
Total	1266	1422	1399	1525	1438	1821	8871
Deaths .....	..	..	82	74	69	237	462

TABLE 12.

*Synopsis of Sanitary Works, from March 26th, 1862, to
March 25th, 1863.*

1. ARRANGED IN WARDS.			
Wards.	Houses Inspected.	Drains Constructed	Drains Trapped.
North	160	77	98
South	204	30	53
East	76	61	71
West	280	35	27
Totals	720	203	249
Wards.	Drains Improved.	Cesspools filled up.	Cesspools emptied.
North	17	43	24
South	25	82	11
East	16	70	21
West	28	162	24
Totals	86	357	80
Wards.	Privies altered to Water Closets.	New Closets constructed.	Dust Removals.
North	157	39	4500
South	50	5	4550
East	68	42	3600
West	27	3	4050
Totals	302	89	16700
2. MISCELLANEOUS.			
Gullies Made.	Gullies Emptied.	Gullies Trapped.	
Nos. 120.	Nos. 2576.	Nos. 150.	
Houses connected with Sewers.		Total Works.	
Nos. 173.		Nos. 21805.	

TABLE 10

Percentage of total population living in urban areas, 1950-1960

PERCENTAGE OF TOTAL POPULATION LIVING IN URBAN AREAS		
Country	1950	1960
Algeria	41.0	48.0
Argentina	75.0	78.0
Australia	85.0	87.0
Austria	92.0	93.0
Belgium	88.0	90.0
Brazil	55.0	65.0
Canada	82.0	84.0
France	89.0	91.0
Germany	90.0	92.0
Greece	58.0	62.0
India	18.0	22.0
Italy	84.0	86.0
Japan	93.0	95.0
Mexico	45.0	55.0
Netherlands	91.0	93.0
Norway	94.0	96.0
Poland	78.0	80.0
Portugal	42.0	45.0
Spain	35.0	38.0
Sweden	95.0	97.0
Switzerland	90.0	92.0
Taiwan	65.0	75.0
United Kingdom	88.0	90.0
United States	70.0	73.0
USSR	52.0	55.0
Yugoslavia	68.0	72.0

