A lecture on the sanitary condition of Chorlton-upon-Medlock : delivered at the request of the Manchester and Salford Sanitary Association, in the Town Hall, Chorlton-upon-Medlock, on Thursday evening, January 12th, 1854 / by John Hatton ; W.J. Wilson in the chair.

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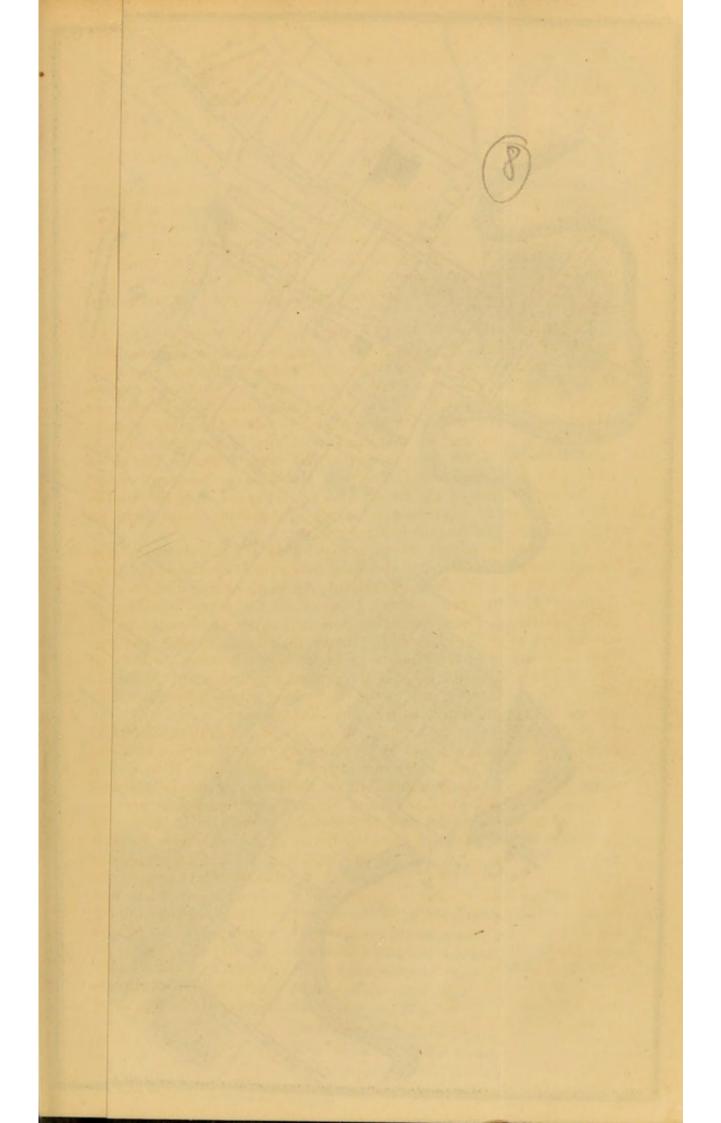
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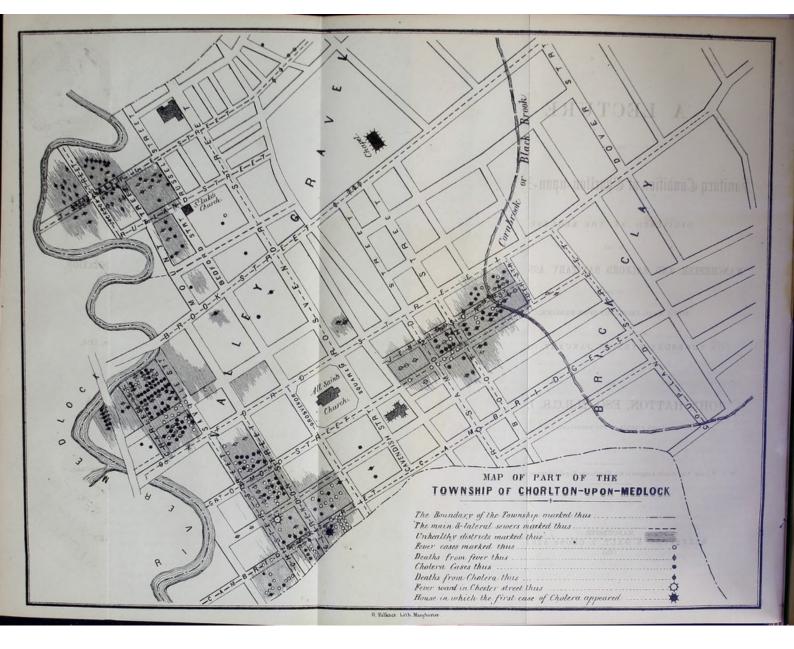
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A LECTURE

ON THE

Sanitary Condition of Charlton-upon-Medlock,

DELIVERED AT THE REQUEST

OF THE

MANCHESTER AND SALFORD SANITARY ASSOCIATION,

IN THE

TOWN HALL, CHORLTON-UPON-MEDLOCK,

ON THURSDAY EVENING, JANUARY 12TH, 1854,

BY

JOHN HATTON, ESQ. M.R.C.S. L.S.A.

CONSULTING SURGEON TO THE DISPENSARY, ETC.

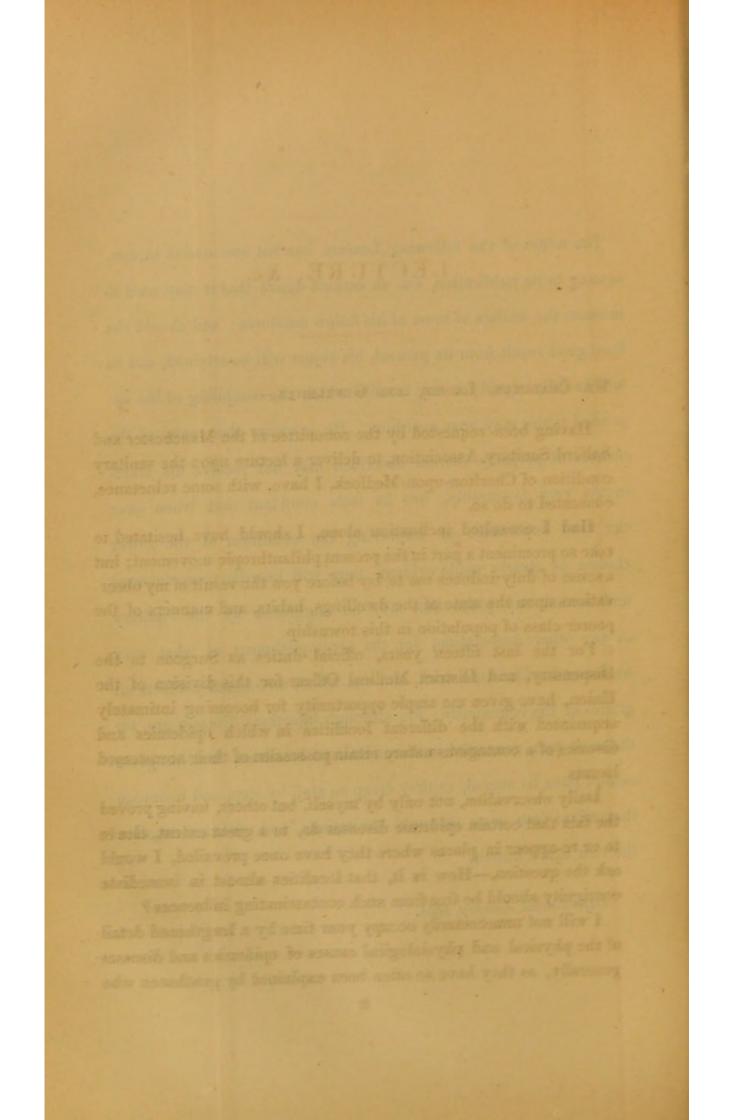
W. J. WILSON, Esq. Senior Surgeon to the Manchester Royal Infirmary, in the Chair,

BERESFORD & GALT, 3, CROSS STREET. 1854. themselves into more favoured habitations, and off-times desolate

Uzford-skreef, January, 1864

The writer of the following Lecture has but one motive in consenting to its publication, viz. an earnest desire that it may tend to promote the welfare of some of his fellow creatures; and should the least good result from its perusal, his object will be attained, and he will be fully repaid for any trouble which the compiling of the appended tables may have cost him. He is aware that many of the owners of property therein described may not receive his statements very favourably, but he feels confident that when once the vital importance of improving the condition of the lower classes be clearly made evident, they will heartily come forward and second any plans that may be suggested by the Sanitary or any other Association, for the accomplishment of what may be deemed a Christian work, and one which undoubtedly affects all grades of the community; for, although infectious diseases are, for the most part, generated in ill-conditioned localities, their progress cannot there be stayed, as they creep on step by step, and insinuate themselves into more favoured habitations, and oft-times desolate the rich man's hearth.

Oxford-street, January, 1854.



LECTURE, &c.

MR. CHAIRMAN, LADIES, AND GENTLEMEN,-

Having been requested by the committee of the Manchester and Salford Sanitary Association, to deliver a lecture upon the sanitary condition of Chorlton-upon-Medlock, I have, with some reluctance, consented to do so.

Had I consulted inclination alone, I should have hesitated to take so prominent a part in the present philanthropic movement; but a sense of duty induces me to lay before you the result of my observations upon the state of the dwellings, habits, and manners of the poorer class of population in this township.

For the last fifteen years, official duties as Surgeon to the Dispensary, and District Medical Officer for this division of the Union, have given me ample opportunity for becoming intimately acquainted with the different localities in which epidemics and diseases of a contagious nature retain possession of their accustomed haunts.

Daily observation, not only by myself, but others, having proved the fact that certain epidemic diseases do, to a great extent, cleave to or re-appear in places where they have once prevailed, I would ask the question,—How is it, that localities almost in immediate contiguity should be free from such contaminating influences ?

I will not unnecessarily occupy your time by a lengthened detail of the physical and physiological causes of epidemics and diseases generally, as they have so often been explained by gentlemen who have previously addressed you; but I shall confine my observations to the immediate necessities of the township in which we are now assembled, alluding only to such incidents as the illustration of the subject in question may demand.

Possibly you may say that I can tell you nothing new on the subject, because you are all aware that cleanliness, pure air, exercise, and temperance, are the chief means of securing health and longevity.

I acquiesce on these points, and can inform you, that Hippocrates, who wrote five hundred years before the Christian era, was as much convinced of the value of these "golden rules" as we are; and it is to be regretted, that, having had these principles so clearly enunciated, we have not more effectually carried them into practice, for I shall be able to show, from tables drawn out by myself, and others under personal observation, that the excessive mortality to which we are subjected, is, in a great measure, produced by our own negligence, and the want of the strict observance of the common laws of health.

Hippocrates has an elaborate chapter on "Air, Water, and Places." On air he says,—"We should observe the seasons of the year, and what effect each of them produces. Of the winds, whether they be hot or cold, and such as are common to all countries, or peculiar to each locality. Of waters, we must consider their qualities, for they differ from one another." He is so particular in his precautions as to healthy localities, that he observes, "Whenever an individual goes into a strange city, he ought to consider its situation,—how it lies to the winds and the rising of the sun, for its influence is not the same whether it be to the north or the south, the rising or the setting sun."

Likewise, with regard to waters, it should be considered whether they be marshy and soft, or hard and running from rocky mountains; also if saltish and unfit for cooking,—"for, if we know all these things well, or at least the greater part of them, we cannot avoid being acquainted with the diseases peculiar to the place, or the particular nature of common diseases." We may also tell what epidemics will attack the city, either in summer or in winter, and what each individual will be in danger of experiencing. Waters from marshy grounds, he remarks, are bad for every purpose;—those being too hard he also deprecates; and he considers the best are those which flow from "elevated grounds and hills of earth."

Afterwards, he gives many judicious observations upon the effects of climate and locality upon the development of the human race, and their consequences upon the health of the inhabitants; and surely, if it was thought necessary 2,300 years ago to attend to these measures appertaining to the sanitary condition of the people, it certainly is a reflection upon later generations, that this great movement should be delayed until the latter half of the nineteenth century.

The township of Chorlton-upon-Medlock, as you are aware, forms part of the Parliamentary Borough of Manchester, and constitutes the south and south-east division of the city.

According to the census of 1851, it extends over an area of 700 statute acres, contains 6,951 dwelling houses, and a population of 35,546 individuals, of whom 16,272 are males and 19,274 females. The population in 1831 was 20,569; in 1841, 28,322; so that in twenty years there has been an increase amounting to nearly 15,000 inhabitants.

From the returns I have received from the police it appears that there are now 7,708 houses, and 39,962 people residing within the district.

The geological character of the township has been described by Mr. Binney as follows :---

"The area bounded by the river Medlock and Hulme on the south-west, Ardwick on the north-east, and a line drawn from the Polygon to the south-west corner of Greenheys fields, nearly the course of the Cornbrook, is all upon gravel; but the ground on the south-east of that line, including the upper portion of Brook-street and Greenheys, is brick clay." The district is so varied in its character, in regard to the formation of the streets and the construction of the houses, that it is almost impossible to give you any perfect classification.

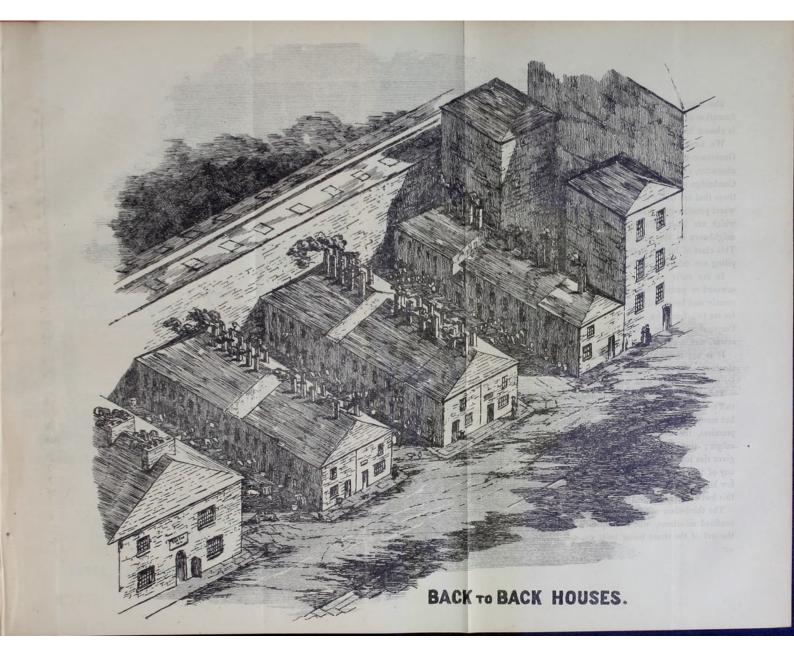
We have wide open thoroughfares, such as Oxford-street, Grosvenor-street, &c. We have streets of an intermediate character, such as are wide and open, with second-class houses, as Cambridge-street, Chatham-street, &c.; and others which include those that are badly ventilated, worse-cleansed, and built upon the worst possible principle. The latter include the courts and houses which are built back to back, or in other words, join to their neighbours in the next street, have no back doors, yards, &c. This class of houses is the one which gives us materials for compiling our tables of undue sickness and mortality.

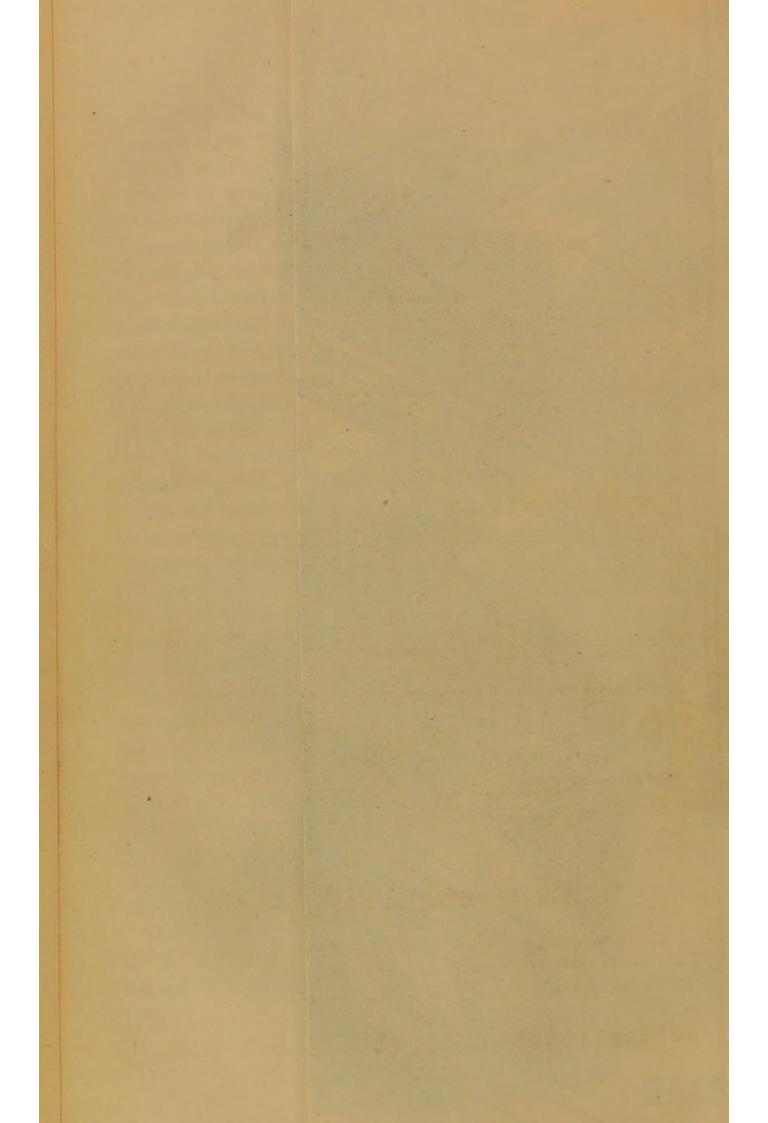
In my early connection with the township, few streets were sewered or paved; water, dirt, filth, and refuse were allowed to remain and become decomposed; but it is a source of gratification for me to inform you, that, through the spirited exertions of the Corporation, nearly every thoroughfare is now supplied with a sewer, and is paved.

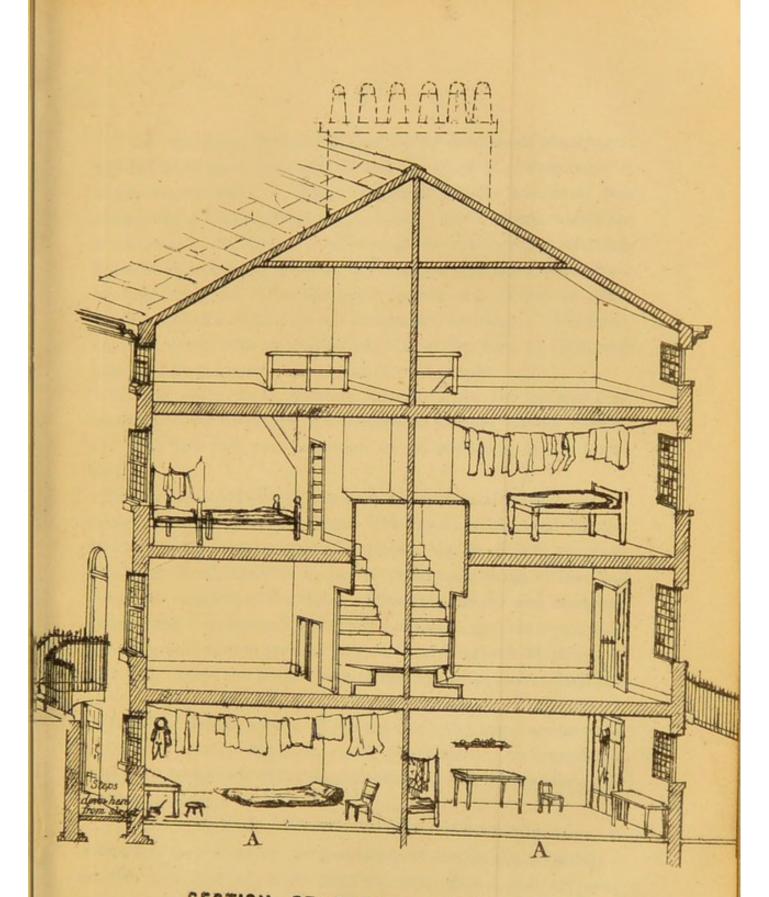
It is not necessary to comment on the first-class of houses, as they are of ample size, and generally supplied with requirements for free ventilation, with water-closets, &c.

The second-class comprise the better sort of small houses, with two rooms on the ground floor, yards, and other out-conveniences; but many of them are very deficient in the construction of the back premises, the drain from the scullery emptying itself into the ashpit; this, having no communication with the main sewer, gives rise to most offensive and deleterious odours; and as scarcely any of these sinks are supplied with stench-traps, there are very few houses which do not more or less suffer from the effects of this bad construction.

The third-class are those which are built back to back, in close confined situations, where frequently there is no thoroughfare, the end of the street being built up, and forming a sort of *cul de* sac







SECTION OF BACK TO BACK HOUSES

In positions A A on the walls (taken out to shew interior) the fireplaces are, which are carried up, and brought above the roof, as shewn in dotted lines.

THREE STORY HOUSES, WITH CELLARS BENEATH.

times dwellings have no back york or other such advantages and the inhalitants had formarity but one place of convenience for boat, twenty houses. These tenements usually consist of two come, siz a house-place and a bedroom: but in many, which are boar of these houses, however, are three storeys high, with collars boar of these houses, however, are three storeys high, with collars consthe, in which case the upper rooms are subject to other milling and the collars let off as separate dwellings. The latter planting and the collars let off as separate dwellings. The latter three how, damp, without ventilation, almost destinate of light, and the latter of the the collars let off as separate dwellings. The latter plathed by the most impreviated classifies of light, and threads and the collars for each y remarks open the general conditions and the collars for the separate dwellings. The latter of the damp, without ventilation is an each the fight, and the state of the collars for the separate destinate of the second traction of the data these predictory remarks open the general contraction of the data back index of the new minute details, and will first call your attention to the serverings of the town-

Choriton-upon-Medioeic possesses many natural advantages for ing chiefenily sewered. From the level of the bed of the adlock to the highest part of the township, in Grindlow-street, originat Road, there is a rise of twenty-six yards. This has wenthe corporation the means of forming ample and complete alms; and I understand from Mr. Langtrey, the surveyor, that o fill is sufficient to provent any material lodgment of refuse in aris all except the lowest parts of the township, about Jackson-

I as chief drains, as you will parective on the map, are emptied her into the river Medbock, or the Black Brook, in Greenhoys, seek a new portion of the district, which is drained into the large wants sewar in Hahne.

The river Mediock, therefore, by this constant in-pouring of use has become one of the greatest nuisances in the township-thet if is nothing better than an open ditch s and, to make more worse although naturally a slow running stream, the ter is dammed up by two were, one in Mount-streat, the other Konyon street.

We Hunty remarks " a filler first stream, as black as ink ."

These dwellings have no back yards or other such advantages, and the inhabitants had formerly but one place of convenience for about twenty houses. These tenements usually consist of two rooms, viz. a house-place and a bedroom; but in many, which are overcrowded, the former is also used as a sleeping apartment. Some of these houses, however, are three storeys high, with cellars beneath, in which case the upper rooms are sub-let to other families, and the cellars let off as separate dwellings. The latter are low, damp, without ventilation, almost destitute of light, and inhabited by the most improvident class of people.

Having made these prefatory remarks upon the general construction of the dwellings, I will proceed to more minute details, and will first call your attention to the sewerage of the township.

Chorlton-upon-Medlock possesses many natural advantages for being efficiently sewered. From the level of the bed of the Medlock to the highest part of the township, in Grindlow-street, Stockport Road, there is a rise of twenty-six yards. This has given the corporation the means of forming ample and complete drains; and I understand from Mr. Langtrey, the surveyor, that the fall is sufficient to prevent any material lodgment of refuse in nearly all except the lowest parts of the township, about Jacksonstreet.

The chief drains, as you will perceive on the map, are emptied either into the river Medlock, or the Black Brook, in Greenheys, except a new portion of the district, which is drained into the large new main sewer in Hulme.

The river Medlock, therefore, by this constant in-pouring of refuse has become one of the greatest nuisances in the township in fact it is nothing better than an *open ditch*; and, to make matters worse, although naturally a slow running stream, the water is dammed up by two weirs, one in Mount-street, the other in Kenyon-street.

Near Garret Bridge it receives the contents of Shooter's Brook, as Mr. Binney remarks, "a filthy little stream, as black as ink;" it then receives many sewers from the surrounding neighbourhood, and the river Tib, in Gaythorn, and reaches the Duke of Bridgewater's Canal in as foul a state as possible; thence some of its waters escape into its old course, which joins the Irwell near where Hulme Hall formerly stood.

The Cornbrook, or "Black Brook," as it is called, enters Ardwick from Gorton, and thence traverses Ardwick, Chorlton-upon-Medlock, Greenheys, Hulme, and Cornbrook, entering the Irwell in as polluted a state as any of the other streams.

It is now chiefly arched over in this township, and many dwellings are built upon the arch and drained into the brook, the stench from which is often overpowering, and we frequently meet with a low type of fever in these houses. *

If any one will take the trouble to look at the Medlock, about Hulme-street, a number of dead dogs and cats may constantly be seen in the several stages of decomposition; and, as Mr. Binney remarks, bubbles of gas, chiefly light carburetted hydrogen, rise to the surface, and although offensive smells are met with at all times, they are by far the most annoying when the barometer has experienced a sudden depression. Sulphuretted hydrogen is the gas which chiefly causes the odour, although doubtless phosphuretted hydrogen gas assists in some measure.

It has been argued that, as the stream naturally is so scantily supplied with water, and consequently tardy in its progress, these weirs are a benefit rather than otherwise, by damming up the water and diluting its contents; and that if the stream were allowed to become nearly dry, the effects of the evaporation would be much more injurious than at present.

To this opinion, I cannot, however, subscribe; for when we consider the amazing amount of organic refuse received into the river during its passage through the city, and which must all be held in suspension, any impediment to its onward course must be injurious. If the river be flooded in any degree, we see none of

* I have lately had under treatment five cases of fever in one house, and four in another, in the same street. these bubbles of offensive gases, which is another argument in favour of allowing the water to flow in an uninterrupted stream.

The length of the river running through Chorlton-upon Medlock is 2,300 yards, and its average breadth about 10 yards; consequently, we have a superficies of 23,000 square yards of open drainage polluting the atmosphere.

On October 2nd, 1845, according to the analysis of Dr. Angus Smith, the river Medlock brought down the following substances:

	Per diem.	Per annum.
Potass	178 cwt	3,200 tons.
Soda	257 ,,	4,640 ,,
Lime	940 ,,	16,900 ,,
Magnesia	9 ,,	160 ,,
Phosphoric acid	71 "	1,280 ,,
Silica (in solution)	266 "	4,800 ,,
Alumina (ditto)	18 "	320 ,,
Oxide of iron	124 "	2,240 ,,
Sulphuric acid	444 ,,	8,000 ,,
Chlorine	151 ,,	2,720 ,,
Organic matter, 1355cwt. con-) taining 6 p cent of nitrogen)	80	1,440 ,,
Insoluble matter, chiefly si- lica, alumina, and iron	1806 "	33,600 ,,

From this calculation it is evident that five of the most valuable agents for agricultural purposes, viz. potass, soda, silica, phosphoric and sulphuric acids, are contained in great abundance, which now run to waste.

Before the new works were constructed, the town was supplied to a great extent with water pumped from the Medlock, above Holt Town, into the reservoir in Bradford Road; and if it were worth the consideration of the authorities to apply the contents of the river to the use of the city before it became polluted, may it not also, by a process equally easy, be made a source of profit to the corporation, after it has become saturated with organic matter, and be carried away to supply the surrounding country with liquid manure, allowed to be the most valuable agricultural agent yet discovered. By this means, if the river were arched over, we should get rid of one of our greatest nuisances; and I am happy to say that Messrs. Birley have already done this, in that portion which runs through their works.

In passing along some of the back streets, we are frequently assailed by offensive effluvia proceeding from the gully grids, for few of them are supplied with stench-traps; and, assuredly, emanations of this kind prove that the sewer is not in a state of sufficient purity, to prevent its being injurious to the district. There was formerly a bad one even in so public a situation as the Oxford Road end of Wilton-street.

Private drains, connecting houses with the main sewers, are, I am sorry to say, far from being so general as desirable; and in the older parts of the township, I understand, the authorities have no power to enforce their construction.

Many of the courts are but indifferently drained, and, as I before remarked, some few not at all; and, therefore, the moisture always to be found in these places produces many of the ill effects arising from putrifying organic matters.

The scavenging of the township is tolerably well carried out, all the streets being cleansed at least once a week; and we must therefore conclude that the accumulation of filth observed in many of them is mainly attributable to the dirty habits of the people themselves.

Now that the town is so plentifully supplied with water, it is most desirable, not only that the streets be more frequently cleansed, but that the sewers should be occasionally flushed, so as effectually to remove all collections of refuse.

Immediately connected with this part of the subject, is the state of the privies; the smaller houses, under £10 rental, are very badly provided with these accommodations. Formerly, there were whole streets with only one or two.

The corporation have, however, done all that their powers enabled them, and have provided a certain number to a given quantity of houses. They are now placed in clusters of three or four, with a cess-pool or ash-pit for the whole. I have a return of 229 dwelling houses which have these privies under sleeping rooms. It is not requisite to occupy your time in reading over the table; but I may state that, in Hesketh-street there are seven; Sorton-street, four; Leigh-street, five; &c., all back to back houses. One house in Pritchard-street is constructed over two of these places.

It is an acknowledged fact, that the miasmatic exhalations from these receptacles of ordure, and other decomposing animal and vegetable matters, are a fertile source of fever, dysentery, and other infectious diseases; and when it is considered that the houses are built in such a loose slender style, with walls only of half-brick thickness, and boards half an inch apart, it is not surprising that deaths from these affections should constitute so large an item in the registries of mortality.

These "cabinets" in some of the back streets, as Binn-street, Billington-street, Bond-street, &c. are usually in a most wretched condition. The accumulation of fæcal refuse, and dirt, even in the passages, arises from the filthy habits of the people, who are too lazy or careless to make use of the conveniences provided for them; and no act of parliament, however stringent, can prevent such disgusting scenes. The remedy must rest with the inhabitants themselves.

Another evil connected with this subject is, that when the places are emptied, a portion of the refuse is allowed to remain on the pavement; and as the number in those streets which have one at the back of each house is so great, one or other constantly requires emptying, so that the surface is scarcely ever clean. This might easily be remedied if the street were flushed with water.

If we could only induce the lower classes to make use of them, we should have an effectual remedy in the substitution of water closets, which might be constructed on a cheap and economical principle, so that no accumulation could by possibility exist.

The cellar dwellings in this township are fortunately not so numerous as in other parts of Manchester, amounting to 220 only, in proportion to 7,708 dwelling houses. There are, however, few fit for habitation, being generally dismal abodes, badly lighted, and worse ventilated. The average population in them is ascertained to be $4\frac{1}{2}$; but I shall presently show you that this average is far below the amount of occupants overerowding many of them.

In almost every instance these cellars are undrained, and consequently so damp that, in many, the moisture may be wiped from the walls. In nearly all there is no ventilation, except what is afforded by the door and fire-place; and, where a back cellar exists, there is frequently either no light at all, or what is furnished by a small window, the area around which is, in most cases, filled with filth of all sorts. This is no imaginary picture,—I can direct you to many such.

There are, however, some exceptions to this rule, viz. in the higher part of Sorton-street, where, in consequence of the authorities levelling the street, the cellars are situated above the drainage, and the doors are on a level with the pavement.

The crowded condition of the dwellings is now become so assoeiated with the habits of the lowest class of population, that many of you will scarcely credit the extent to which it is carried.

I went, in order to judge for myself, on the night of October 17, 1849, accompanied by a friend and Mr. Superintendent Taylor, to visit some of these places, after the people had retired to rest.

We included nine cellars and eleven houses in our inspection.

It will be seen from the foregoing table, that the average mucher of persons inhabiling the heates and cellars visited, conjointly, may refler more fina tear. the average in the cellars being 2 7-3ths, and what of the heates 11 8-44 files. No. 1. At 14, Brillord-street, we found Michael Hennekeey, wife, and one child, in one room; Thomas Savage, nife, and two militare, and a multi, aged 27, and a found guest, nife, and two militares in another; and a found guest, when here a found in the set of the set of the street of the set of the set of the multiples of the set of the set

RETURN OF THE NUMBER OF PERSONS FOUND SLEEPING IN TWENTY CELLARS AND DWELLING HOUSES, ON THE 17TH OCTOBER, 1849.

Progres- sive No.	Name of Occupier.	Residence.	Number of Family.	Lodgers.	Total.	
CELLARS.				Be Cort	ou tos	
1	William Carrol	30, Pritchard-street	6	TRAL	10	
2	Mary Caton	32, Pritchard-street	8	4	9	
3	Mary Cox	3, Victoria Place	6	-	6	
4	Mary Garrity	10, Holbrook-street	5	13	18	
56	James Kerrigan Catherine Shearan	8, Holbrook-street		8	12	
7	Peter M'Ghee	6, Holbrook-street 3, York-street	1	9	10	
8	James Courtney	3, Hulme-street	22	4	6	
9	Patrick Lynch	12, Marsland-street	2	9	5 11	
alt att	a to this rolo, viz.	aver, serne exception			11	
-		Total	36	51	87	
DWELLING HOUSES.						
11		CARLEN SAME ALLINES OF	1 1-344	tovok	Ramping B	
$\frac{1}{2}$	Thomas Savage Hannah Fitzpatrick	14, Stafford-street	014	9	13	
3	Michael Conelly	38, Hesketh-street 25, Hesketh-street	$\frac{1}{3}$	10	11	
4	John Trimble	Islington Place	3	56	8	
5	Margaret Conelly	9, York-street	an 1 di	7	98	
6	James Smith	11, York-street	7	7	14	
7	Mary Davy	19, Back Charles-street.	4	5	9	
9	Patrick Shane	16, Wood-street, West.	19070	4	11	
10	Patrick Mulvey Michael Maguire	5, Back Allen-street	5	10	15	
ii	James Manion	3, Back Allen-street 16, Taylor-street	$\begin{pmatrix} 2\\ 6 \end{pmatrix}$	10	12	
			0.010	0.08	14	
a salar		Total	43	81	124	

It will be seen, from the foregoing table, that the average number of persons inhabiting the houses and cellars visited, conjointly, was rather more than ten; the average in the cellars being 9 7-9ths, and that of the houses 11 3-11ths.

No. 1. At 14, Stafford-street, we found Michael Hennessey, wife, and one child, in one room; Thomas Savage, wife, and two children, and a male, aged 27, and a female, aged 24 years, lodgers, not married, in another; and Alexander Horton, wife, and two children in a third: total 13. No. 2. 38, Hesketh-street. First room, five; second, seven, with space for another. The owner had seven beds in all, and the house appeared kept clean.

No. 3. 28, Hesketh-street. First room, one woman and two children; second room, four adults and one child: total, 8.

No. 4. William Carroll's cellar, under 30, Pritchard-street. Two apartments; six in the family and four lodgers: total, 10. Only one bed in the back place, and the people sleeping on the floor. One woman was lying *under* the bed. The rent of this cellar was 2s. 3d. per week.

No 5. Mary Caton, 32, Pritchard-street. Nine persons in one cellar, sleeping on the floor, the dimensions of which were 10 feet by 7 feet.

No. 6. Mary Cox, 3, Victoria Place. Self and five children; had no bed except shavings.

No. 7. Michael Garrity, 10, Holbrook-street. 6 persons in the front cellar, 12 in the back : total, 18. In this back place there was a quantity of wood for making chips, in addition to the twelve sleepers.

No. 8. James Kerrigan, 8, Holbrook-street. Only one dwelling room, twelve persons sleeping therein; the back place filled with chips, and the front, in addition to the twelve people domiciled, crowded with clothes hung out to dry.

No. 9. Catherine Sheeran, 6, Holbrook-street. Self and nine lodgers in a single room : total, 10.

No. 10. John Trimble, Islington Place. Three in the first room and six lodgers above, viz. a man and his wife, a man and a woman in the same bed, unmarried, two adult females, æt. 17 and 50 years, all in the same apartment.

No. 11. Peter M'Ghee, 3, York-street. Self and wife in front cellar; man and wife with a woman and child in back apartment: total, 6.

No. 12. Margaret Conolly, 9, York-street. Self, two women, and five men, lodgers. House whitewashed and remarkably clean : total, 8. No. 13. James Smith, 11, York-street. 7 in first room and 7 in second, in which were 3 women and 4 male adults : total, 14.

No. 14. Mary Davy, 19, Back Charles-street. Four of a family and five lodgers: total, 9.

No. 15. Patrick Shane, 16, Wood-street West. First room, seven persons—one man, wife, and five children, and in the upper storey four men, lodgers : total, 11.

No. 16. Patrick Mulvey, 5, Back Allen-street. 6 in the first room, 3 in the second, and 6 in the third : total, 15.

No. 17. Michael Maguire, 3, Back Allen-street. Two in the first floor lying on the ground; ten people in four beds on the second floor, and very close: total, 12.

No. 18. James Courtney, 3, Hulme-street. Five people in one cellar.

No. 19. Patrick Lynch. Cellar under 12, Marsland-street; eleven people all lying on the floor, except the man and his wife who rented the cellar.

No. 20. James Manion, 16, Taylor-street. Six in the family and eight lodgers: total, 14.

Although this list of overcrowded houses bears sufficient testimony to the distressing extent to which this system is carried, even in this township, it is nothing when compared with some parts of Manchester. The immense moral evils, the utter neglect of the ordinary decencies of life, which is occasioned by the indiscriminate intermixture of the sexes, blunts all feelings of modesty, and quite undermines those of morality.

I shall be able presently to prove that these dens of misery are redolent with fevers, cholera, and all manner of diseases.

The ventilation of these over-crowded and back to back houses, would most appropriately be introduced here; but as there is a subcommittee, appointed by the Sanitary Association, to inquire especially into this subject, it is unnecessary for me to occupy your time, but I cannot pass over the matter without remarking, that if this overcrowding of dwellings were done away with, the condition of the poor would be ameliorated, and a great hot-bed of infection entirely removed. From the observations I have made as to the want of accommodation, and the overcrowded state of the dwellings of the poor, it is quite clear that their want of cleanliness is in some measure to be attributed to the absence of the necessary means for effecting the purpose. How can the poor wash themselves thoroughly, if they live in a dwelling where there is only a house-place and a bedroom, and no back yard? And in this township we have above 8,000 inhabitants so situated.

The desire for ablution is certainly as strong in the lower orders as in the upper classes. Witness, in the summer months, the young urchins embracing every opportunity for bathing even in the filthy stream of the Medlock, and in the Rochdale Canal.

In these "back to back houses" the washing of the family has also to be conducted in the sitting room, and the clothes have either to be dried in the street; or, what is even worse, in the confined apartment itself.

I am satisfied that if baths and wash houses were erected in the immediate vicinity of the dwellings of the lower classes, and at a rate corresponding with their means, the poor would make use of them, and we should thus have another great source of disease removed.

The inhabitants of Manchester may well congratulate themselves upon the ample supply of water which the corporation has secured; and none of the ratepayers, now that they have experienced its value, will, I trust, grudge the money expended in obtaining it. Every street in the township, I believe, has a main and taps; and although the water is not yet at all times available, I understand that, when the works and reservoirs are completed, we shall have an uninterrupted supply.

Formerly, in many parts of the district, the inhabitants procured water from pumps, but I should advise all in large towns to avoid the use of them; for certainly the porous nature of the soil, in some districts, is sufficient to allow their contents to become contaminated, and more especially in the neighbourhood of burial grounds, where it is known that the water obtained from these springs is surcharged with ammonia, the result of animal decomposition. We all enjoy the sparkling freshness of spring water; but, before partaking of it, it would be well to know something of its nature, for it is ascertained that these qualities of a celebrated London pump are derived from the salts obtained from a contiguous burial ground.

I will give you an extract from the report of the General Board of Health, on Cholera, in 1848 and 1849 :---

"In Manchester, a sudden and violent outbreak of Cholera took place in Hope-street, Salford. The inhabitants used water from a particular pump. This well had been repaired, and a sewer, which passes within nine inches of the edge of it became accidentally stopped up, and leaked into the well. The inhabitants of 30 houses used this water : among them there occurred 19 cases of diarrhœa, 26 cases of cholera, and 25 deaths. The inhabitants of 60 houses in the same immediate neighbourhood used other water : among these there occurred 11 cases of diarrhœa, but not a single case of cholera, nor one death. It is remarkable that, in this instance, out of 26 persons attacked with cholera, the whole perished excepting one."

Now, I should think this extract is quite sufficient to make you avoid pump-water, as a regular beverage, in all large towns.

Dr. Angus Smith, Professor Calvert, and Mr. Stone, have analysed the pipe-water, and report "that it has nothing at present objectionable in it except clayey particles, which occasionally render it turbid," and which may be easily removed by a filter, and every householder may obtain one, which will filter five gallons a day, similar to that on the table, for the small sum of two shillings.*

When the supply of water becomes continuous, it would be very desirable to have stand-pipes erected in connection with the larger mains, which would be applicable not only for watering and scavenging the streets, but for flushing the sewers.

The supply of Gas is abundant, and I understand that each street is furnished with mains, so that every householder can have a supply of this useful article, if disposed.

^{*} These filters are manufactured by Messrs. Granger and Co. of Worcester, and are sold retail at several earthenware shops in Manchester.

Having given these general observations upon the ordinary features of the township, I shall now endeavour to prove, by facts deduced from personal observation, that an undue amount of sickness and mortality exists in many parts of the district, in comparison with others.

In the tables I have drawn out, I have taken the number of tenements in each street from the assessors' books; the number of inhabitants has been computed at 51 to each house, and 41 to each cellar dwelling. I have made a return of the residences of the home patients admitted under the Dispensary during 1847, 1848, 1849, 1850, and 1851. I have likewise made a similar classification of cases treated under the Union, during the same period. I have embraced, in the same table, the number of cases of fever, diarrhœa and dysentery, small-pox, scarlet fever and measles, and cholera. I have also a return of the number of deaths in each street. I have selected a table of some of these streets, differing in their character, and have classified the whole of the diseases which have proved fatal, and from this have drawn out the deaths produced by fever generally, by diarrhea and dysentery, by small-pox, by scarlet fever and measles, and by cholera.

I am aware that in drawing our conclusions from the amount of sickness in some of the localities, our information must necessarily be imperfect, as many cases are under the care of private medical practitioners; but as the deaths are extracted from official registration, there is no difficulty, and I think I shall be able to maintain my assertion, that many of them result from causes which are remediable.

When it is stated in Scripture that the duration of man's life is "three score years and ten," I think we are to understand that God, in His providence, has allotted that period of time as the *ordinary* length of life. If, however, on inquiry, we find that in this city (and in others similarly situated) the average length of life falls greatly below this standard, and, moreover, that in some parts of this district the deaths of children under five years of age amount

to considerably more than one-half, it becomes a matter of more than usual importance that we endeavour to ascertain, so far as practicable, the evident causes which operate so balefully on the human constitution.

If you will refer to the map, you will see that I have coloured the back-to-back houses brown; the haunts of fever are dotted red; Cholera, blue; the fatal cases of each have a line drawn through them.*

The mortality in some of these streets is fearful.

In Harker-street and

Buildingsout of 41 deaths, 24 occurred under 5 years of age.

0					Jenne in the of Jenne of the
In Mansell-street	"	34	.,,	18	ditto.
In Bury-street	,,	18	,,	13	ditto.
In Binn-street	"	15	,,	9	ditto.
In Marsland-street	,,	17	"	12	ditto.
Back Greek-street and					
Courts	,,	29	,,	16	ditto.
Billington-street, &c.	,,	29		17	ditto.
Hayes-street	"	21	,,	13	ditto.
Bond-street	,,	34	,,	20	ditto.
Pritchard-street	.,,	48	,,	34	ditto.
Jenkinson-street and				distrigi	
Courts	"	113	11	48	ditto.
Clowes Court	.,	26		18	ditto.
Leigh-street	"	33	11	21	ditto.
Sorton-street	,,	49		37	ditto.
Taylor's Court	,,	23	11	15	ditto.
Woburn Place	"	44		33	ditto.
Lord-street	33	29	.,,	18	ditto.
	-		odt o		and the build and an an
Total.		.603		366	

So that out of 603 deaths in these streets 366 are of children under five years of age.

If you refer to the table of the deaths which have occurred during the time embraced, you will find specified the yearly ave-

^{*} In the map appended, the colouring is unavoidably omitted, but the districts are shaded. The fever cases are marked thus \bigcirc the deaths from fever thus ϕ ; the cholera cases thus \bigcirc ; and the deaths from cholera thus a

rage in each street, and the per centage of annual mortality, compared with the population. Thus, we find it amount in some of the worst streets, as Allen-street for example, to 5.5 per cent; in Back Allenstreet, to 4.93; in Bury-street, to 3.85; in Harker's Buildings, to 5.90; Lord-street, to 5.55; in Rathbone-street, to 4.20; and in Waterhouse's Buildings, to 4.24. Whereas, in some of the middle class of houses, which are not overcrowded, and are ventilated at the back, and in the better class of streets, we find it averaging only, in Acomb-street, 0.34; Ackers-street, 0.27; Blanshard-street, 0.90; Carver-street, 1.06; Cambridge-street, 1.76; Grafton-street, 0.83: Ludlow-street, 0.86; Mahogany-street, 1.51; Nelson-street, 0.62; Prospect-street, 0.90; Upper Brook-street, 1.13.

Again, if we examine the table of the causes of death, we find the same influences prevailing; for by Small-pox we have 5 in Charles-street, 4 in the courts of Crossley-street, 4 in Lordstreet, and 5 in Taylor-street and court, but none in the better class of streets, in which Vaccination is attended to by the parents.

From scarlet fever and measles—diseases common to all classes we still find the mortality greatest in the ill-conditioned localities. Thus, we have 3 in Back Temple-street; 4 in Bury-street; 4 in Clowes Court, 6 in Woburn Place; and although 5 are registered in Upper Brook-street, which contains a population of 654, two of them occurred in one house.

The same remarks hold good with regard to fever. I have, however, been unable to obtain a correct return of the deaths from this cause in the particular streets, in consequence of many of the cases in 1847 having been sent to the fever wards in Chester-street. In this hospital 69 died, but among these were included patients from Hulme and other parts of the Union, so that we cannot arrive at any satisfactory estimate.

If you refer to the table again, you find, that deaths resulting from defective nutrition in children are almost as numerous as those from malarious diseases. Thus, from marasmus or wasting, we have 6 in Harker-street, 3 in Clowes Court, 3 in Woburn Place. Again, if we continue our observations to diseases occasioned by similar causes, but chiefly affecting adults, as phthisis or consumption, we find them equally great; but we look in vain for deaths resulting from *senectus* or old age, in any of the foregoing streets.

From the remarks I have made upon the comparative mortality in the districts enumerated, you will see that the overcrowding of dwellings, and the want of proper ventilation, are the chief promoters of disease.

You are aware that the atmosphere we breathe is composed of oxygen, nitrogen, carbonic acid, and aqueous vapour; and that the blood proceeding from the heart, of a vivid red colour, is sent by the extreme ramifications of its vessels to every part of the body, and gives up to the tissues its most important elements, and, in its return, is made the vehicle of removal, from the different structures, ingredients no longer fit for the animal economy.

The great object of the excretory organs is to carry these away; and as Carbon is the most deleterious and most abundant matter of decay, we have a wise provision in nature, that it shall be removed from the system chiefly by the simple act of respiration, a process not entirely dependent upon *vital action*, but for the most part upon *physical laws*. The blood returns to the lungs deprived of its vital qualities, surcharged with carbon, of a dark purple colour, and unfit for use; but in the act of respiration, it meets with the atmospheric air, and exchanges its superabundant carbon for oxygen, so that carbonic acid is exhaled and replaced by oxygen, and the air becomes deteriorated, and unfit for being again inhaled until diluted with fresh atmospheric air.

This formation of carbon is especially superabundant in eruptive fevers, as small pox, scarlet fever, measles, and other putrefactive diseases.

We are all acquainted with the evil and fatal effects of breathing air surcharged with this deleterious element, in the familiar instance of the black hole of Calcutta, and the every-day experiment of placing small animals into a jar containing this gas; with the frequent accounts we hear of people being destroyed in mines; and also, with the fashionable mode of suicide in France, by inhaling the fumes of burning charcoal.

Is this want of pure air, then, the cause also of the emaciated and enervated condition of the children of the lower classes? I think there can be no doubt that it is, to a great extent; and as its influence bears also upon adults, we must examine the subject more minutely.

Mr. Cawthorpe has estimated the quantity of air which passes through the lungs of a full-grown man, in twenty-four hours, at 267 cubic feet, of which nearly 8 per cent by volume, or 21 feet are exchanged for carbonic acid; the bulk of which would be equivalent to 6.4 feet.

Dalton made the important discovery, that if a chamber be filled with carbonic acid, and allowed to communicate with the external air, the same quantity of atmosphere will find its way into the chamber, as if no carbonic acid were present, just as you may surcharge water with the gas in the manufacture of soda-water; and this is the only principle upon which we can understand how so many people can sleep in the same room.

A cube of eight feet of air (equivalent to 512 feet) is generally reckoned by chemists as necessary for each person in a sleeping room; but we have seen, in Pritchard-street, a cellar which contained nine persons, 10 feet by 7 feet, by 8 feet high, which gives only 560 feet to the whole nine individuals.

Chemists, unfortunately, have not been able by analysis to detect any material difference in the air we breathe, and that of overcrowded hospitals and other places, and we must therefore look to something which is inappreciable by the senses, but which must be suspended in the air, as the cause of epidemics and diseases resulting from these *exuviæ* from the system.

The numbers attacked by infectious diseases must depend upon the susceptibility of the persons exposed, the strength of the infectious agent, and the density and ventilation of the room—for the greater the density, the greater the risk of infection. Thus, in 1847, when the Irish fever was prevalent, we had in Wood-street West, 31 cases; in Lord-street, 28; in Bond-street, 20; in Back Charles-street, 22; in Medlock-street, 25; in Holbrook-street, 21; in Harker-street and Buildings, 46; in Leighstreet, 48; in Lower York-street, 48; in Taylor-street, 25; in Taylor's Court, 28: all in houses of a most insalubrious character, and over-stocked with the poor of the sister-island.

When we see diseases of this character spreading with such fearful strides, I am sure you will say it behoves us to examine carefully into the causes which produce them.

Dr. Graham considers matters of contagion to be highly organised particles of fixed matter, floating in the atmosphere, and exhaled from the lungs and cutaneous surface ; — but the subject has been so well described by the Registrar-General, in his fifth report, that I shall take the liberty of transcribing the paragraph : —

"Every population throws off insensibly an atmosphere of organic matter, excessively rare in country and towns, but less rare in dense than in open districts; and this atmosphere hangs over cities like a light cloud, slowly spreading—driven about—falling —dispersed by the winds—washed down by showers. It is not *vitalis halitus* (Pliny) except by origin, but matter which *has* lived, *is* dead, *has* left the body, and is undergoing, by oxidation, decomposition into simpler than organic elements."

"The exhalations from sewers, church yards, vaults, slaughterhouses, cesspools, commingle in this atmosphere, as polluted waters enter the Thames; and notwithstanding the wonderful provisions of nature for the speedy oxidation of organic matter in water and air, accumulate, and the density of the poison (for in the transition of decay it is a poison) is sufficient to impress its destructive action on the living—to receive and impart the processes of zymotic principles—to connect by a subtle, sickly, deadly medium, the people agglomerated in narrow streets and courts, down which no wind blows, and upon which the sun seldom shines."

"The presence of a putrid atmosphere is perceived by the senses in parts of all towns; and Leibeg, by operating on large masses of the atmosphere, has obtained ammonia, which is a product of the putrefaction of animal matter. The existence in the atmosphere of organic matter is therefore incontestible; and as it must be most dense in the densest districts, where it is produced in greatest quantities, and where the facilities for decomposing it in the sunshine, and sweeping it away by currents of wind are the least, its effects—disease and death—will be most evident in towns, and in the most crowded district of towns."

These observations apply with great force to some of the streets and courts which I have described, viz. those built up at the end and devoid of a current of air through them; and to show that something may be done to remedy evils thus existing, I will give you an instance of immediate improvement in the health of the inhabitants, even when done on a small scale. Taylor-street and Taylor's Court lie back to back, the latter being blocked up by houses in Oxford-street, and the place entered from that side by a narrow passage. In Taylor-street, in 1847, we had 41 cases of sickness, including 25 cases of fever. Again, in 1849, when cholera was rife, we had 13 deaths. At this period the landlord made a communication between the houses of the two streets, and mark the result; in 1850 we had only 12 cases of sickness and not a single death. Surely we may attribute this improvement, in a great measure, to the increased ventilation.

I have before insisted upon the necessity of removing all accumulations of filth by efficient drainage, and to show that I do not overrate this important means of diminishing disease, I will give you a forcible extract from the *Swansea Herald*, proving the melancholy effects of malaria. This occurred in November :—

"The race ball, at the Bear Hotel, in the town of Cowbridge, was attended by the *élite* of that portion of Glamorganshire. In a few days several ladies and gentlemen who had been present were seized with a fever of the most obstinate and dangerous character, the symptoms of which were precisely similar to those of the Croydon fever (which I may tell you was satisfactorily proved to result from imperfect drainage). The number of sufferers is variously reported to be from twenty to forty, and it is asserted that this distressing affliction has been occasioned by the accidental breaking into an old drain, during some alterations carried on in the immediate vicinity of the ball room. The drain had not been opened for upwards of twenty years. A lady and a clergyman fell victims, and others were not expected to recover, amongst whom were two members of parliament."*

If time allowed, I would draw your attention to some particulars, respecting the late visitation of Cholera, but it may suffice to remark, that it follows the same course as other malarious diseases, and to show that it haunts the same miasmatous localities, I will give you a forcible example which occurred in Islingtonstreet, in 1849. This street was entered by a narrow passage, and the area opposite the houses was confined by the piers of a railway arch, and the backs of the dwellings in Holbrook-street-the air supplied to the court being derived from a small opening over the river Medlock, surcharged with all its pestilential vapours. In this street, consisting of three houses and three cellars, twelve cases of cholera occurred, and six deaths. The landlord, I am happy to inform you, has done away with this nest of disease, by removing the cellars, and connecting the houses with those in the front street. A marked improvement has followed this change, as only one death occurred in 1850, and none in 1851, although they are now double houses, and most likely inhabited by almost as many individuals.

I wish to allay your fears, should this direful disease again appear, by informing you that the board of guardians of this Union have already taken efficient steps to prevent its spread, so far as

^{*} Since writing the above, another extraordinary instance of the kind has come under my notice. A young lady, residing in the family of a gentleman, in the neighbourhood of Manchester, was annoyed by an offensive smell, proceeding from a drain running under the part of the house she occupied, and after naming, several times, that she considered it prejudicial to health, the drain was opened by the gardener and his assistant, both of whom immediately sickened and died of fever. The young lady was also seized with fever, and for some weeks her life was despaired of; and, although four months have elapsed since the commencement of her illness, she is still in a state of extreme debility and some danger. The family at once removed from the house, but this step did not prevent two of the children suffering greatly from the effects of malaria.

human means will avail, by the appointment of an efficient staff of house to house visitors, surgeons to attend the cases when they occur, and depôts at which the poor will be enabled to obtain the requisite medicines, &c. both day and night.

We have seen that out of 603 deaths 366 occurred in children under five years of age; and in Back Temple-street, out of 25 children born, 15 died before that period; in Bury-street, 21 were born and 13 died; in Marsland-street, out of 25 births there were 12 deaths; in Bond-street, out of 39 there were 20; in Pritchard-street, out of 74 births there were 34; in Clowes Court, out of 37 there were 18; whereas, in Higher Chatham-street, out of 30 births only 5 died under that age; in Honduras-street, out of 10 births only 1; in Lloyd-street, out of 60, there were 20; in Grosvenor-street, out of 31 only 5; and in Dover-street, out of 17 births, there were none.

I am sorry to say that one of the most prolific causes of this mortality is the administration of opium, in one form or another, a practice almost universal amongst the lower orders.

Dr. Lyon Playfair took great pains about ten years ago to ascertain the extent to which this pernicious drug was given; and he found one druggist who sold retail *five gallons* per week of "quietness," and half a gallon of "Godfrey:" the former preparation containing 100 drops of laudanum in an ounce; a teaspoonful being the prescribed dose—so that allowing one ounce weekly to each family, he supplied 700 families every week. Another druggist affirmed that he sold weekly three or four gallons of this *sleeping stuff.*

I fear this practice still prevails, and no doubt arises from the mothers being obliged to leave their children early in the morning to attend their work, under the charge of nurses not acquainted with the judicious feeding of infants; and when they become restless these nurses fly to the soothing influences of opium, little thinking that, by obtaining temporary relief, they are increasing the liability to convulsions, marasmus, and other diseases.

Every professional man knows that the administration of opium to children requires the greatest caution; nothing is more uncertain in its effects upon young subjects. Dr. Ramisch met with an instance of a child, four months old, which was nearly killed by the administration of one grain of Dover's powder, containing only the tenth of a grain of opium. Another child, five years old, was killed by four grains of the same medicine, containing less than half a grain of opium; and instances in this city are constantly occurring, where children are sacrificed by minute doses of this deadly poison.

When the administration of the drug is carried to a lengthened period without proving fatal, the experienced eye of the surgeon can at once detect its effects, by the emaciated form of the body, the sunken eye, the pinched features, anxious and withered expression of countenance, and protuberant abdomen.

The system becomes by constant habit enabled to withstand for a while the pernicious effects of many injurious agents; and unless we had it on undoubted evidence we could scarcely credit the fact, that these poor little innocents, of seven or eight months old, will consume in 24 hours, half an ounce or a tablespoonful of this *quietness*, containing 50 drops of laudanum, equivalent to 2 grains of solid opium.

In the preceding remarks, are embraced, as far as time will allow, the most important subjects that have a tendency to produce an undue amount of disease and consequent mortality, and I may add that it is a matter of personal interest to the ratepayers, that the philanthropic objects of the Sanitary Association should meet with every encouragement; for if they are not voluntarily inclined to assist in these benevolent endeavours to ameliorate the condition of the poorer classes, a little consideration will prove that, even in a *pecuniary* point of view, this Society is worthy of their zealous support.

In 1847 the Irish fever spread with greater rapidity than any epidemic we have had to contend with in late years. In the first instance, it was clearly to be traced to a deficiency in the proper quantity and due proportion of the different articles of food consumed by the lower classes; but when the "nidus" once found a local habitation, it spread with rapid strides, and we find the expenditure in outdoor relief suddenly rose from £1,916. 12s. in 1846 to £4,116. 9s. 2d. in 1847. There was a rapid rise in the second quarter when the fever first appeared, amounting to £1,122. 5s. 2d. in comparison with £803. 11s. 11d. in the quarter ending March 25th.

The effects this disease entailed extended over 1848, for we find $\pounds 3,936.$ 4s. 7d. spent in that year.

In 1849, when cholera appeared, a considerable sum was likewise required, but far below that of 1847, in consequence of fewer persons being attacked and the disease not remaining so long with us. The relief amounted to $\pounds 2,729$. 9s. 4d.

In 1850, when disease was on the decline, we had a consequent falling off in relief, the sum required amounting only to $\pounds 2,387$. 12s. 7d.; so that, although the population had greatly multiplied in the class generally seeking relief, in consequence of the desertion of Little Ireland and the immigration of its inhabitants to this township, we had a diminution in the cost, amounting to $\pounds 1,728$. 16s. 7d. compared with 1847.

1846.			1849.				
Quarter Numb	er Co	ost.	Quarter N	umber	C	ost.	
ending Relieved	1. £ s.	. d.	ending Re	lieved.	£	8.	đ.
March 516		8 2	March		766	1	4
June 542		1 2	June	490	639	4	7
September 537	451	0 7	September	452	653	15	1
December 798		2 1	December	484	670	8	4
December 150			December				
Total2,393	1,916 1	2 0	Total	2,099	2,729	9	4
1847.			1850.				
March 1,267			March	505	684	5	2
June1,670		5 2	June	And the second se	544	10	3
September1,687			September	467	555	5	8
		A 20. 000 1	December	461	603	11	6
December 1,535	1,002 1	10 #	December	101			_
Total6,159	4,116	9 2	Total	1,876	2,387	12	7
1848.			1851.				
March 1,859		2 1	March	480	621	16	1
June1,897			June	450	614	17	0
		0 3	September	464	622	18	3
September1,553				481		3	3
December 614	198 1	10 9	December	101	020	0	-
Total5,423	3,936	4 7	Total]	,875 2	2,488	14	7

In conclusion, I would address a few words to my poorer fellow-

30

creatures whom necessity, in part, compels to inhabit these localities where disease abounds.

The Psalmist has beautifully said, "God hath not despised, nor abhorred the low estate of the poor; He hath not hid His face from him, but when he called upon Him, He heard him."

In the strength of this assurance I would therefore urge the poor to arouse themselves, and ward off disease and death by attending to cleanliness; avoiding unnecessary herding of themselves together, and instead of spending their earnings in wastefulness and prodigality, to provide wholesome food and warm clothing, which the good wages of many would enable them to do; indeed, I could instance numerous cases where small wages, judiciously expended, provide every domestic comfort; and again, where there are more than ample wages, and yet every appearance of poverty and destitution.

Mr. Mott gives two cases which came under his observation in this township, so illustrative of my own experience that I cannot do better than quote them :—

In a cellar, in York-street, lived a family of seven persons, in the receipt of £2. 7s. per week or 6s. $8\frac{1}{2}d$. per head: rent, 2s.; a damp, unwholesome place, with only two rooms, the back one without flooring of any kind. These people had every appearance of squalid poverty.

The contrast, was a dwelling with one sitting-room, a kitchen and two bed-rooms : rent, 4s. This house was occupied by a family of thirteen, ten of them children—whose income was only £1. 6s. per week or 2s. per head. Here comfort and cleanliness prevailed.

Thus you see, my poorer friends, how much of your well-being depends upon yourselves, and whilst the rich are working for your benefit in this sanitary movement, you must assist them to the utmost of your power, for, UNION IS STRENGTH, and no great achievement was ever accomplished without the rich and the poor working together,

APPENDIX.

No. I.—TABLE of the No. of Houses, Population, Residences of Patients attended under the Dispensary and Union during the Years 1847, 1848, 1849, 1850, 1851; the Annual per Centage of Deaths to the Population, Total No. of Fever Cases, Diarrhœa and Dysentery, Scarlet Fever and Measles in the five years; and the Total No. of Cases of Cholera treated under the Union in 1848–9.

No. of Houses .	Population.	Streets.	Streets. Home Pa- tients under the Dispensary. <u>148888181818181818181818181818181818181</u>						Total	to Popu	cases und nsry & U1 5 Years.	Diarrhosa and Dysentery.	Small-pox.	Scarlet Fever and Measles,	Cholera under Union.		
50	128] 11	Lower Temple-street Back Temple-street Temple Place Bury-street	29 28 10 10 3 3	21 18 3	291	18 2	20 2 1 3	6	205	541.	316 9 9 2 8	lation. 1 4.67 1 7.27	- 37 6 	20 15 2	1 : : :	33 1 	B 10 1
20 22 33 8	110 121 178 <u>1</u> 44	Binn-street Hayes-street Jackson-street Thompson's Court Clowes' Court	$ \begin{array}{c} 9 & 7 \\ 18 & 22 \\ 2 & 9 \\ & 3 \\ 24 & 13 \end{array} $	85 12		11 11 2 2 2	2622.	471	21	03.	$ \begin{array}{c} 2 \\ 7 \\ 5 \\ 10 \\ 3 \\ 3 \\ 1 \\ 1 \\ 9 \end{array} $	$\begin{array}{c cccc} 8 & 2.90 \\ 2 & 3.63 \\ 5 & 3.47 \\ 6 & 3.17 \end{array}$	7 9 22 4 2 13	19 8 7 8 2 7	3	8 10 2 .8	··· 2 ·· 1 8 1
10 57	77 103 115 55 313 220	Holt-street School-street John-street East Lion-street Woburn Place Whitfield-street	5 7 2 5 1 35 27	9 6 1 21	8 7 1. 15 2	76.7		12.			1 2 . 3 . 3 . 9 15 2 11	2.70 0.36 0.36 2.87	6 2 14	8 7 5 1 13 13	27	244	1 1
42 43 17 3 33	231 2361 931 161 1813	Mansell-street Mount-street Furness-street Back Brook-street Back Greek-street		27 5 3 1 11	$ \begin{array}{c} 16 \\ 7 \\ 11 \\ 6 \\ 5 \end{array} $	476.	22	2.41.1	3.	1	· 12 4 41 · 3 · 2 9 8	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	15 19 4 3 3 18 1		4 1 1	543118	1 4 2 1
47 6 6 17	33 33 		5 7	4 1 8 34	6 2 15 15 54 7	2 5 0 1	5.22		2 .	2.1	21 11 51 5361	0.18 3.03 3.96	··· 4 10 59 *	 2 7 54 17		1 2 22 42 42 4	
29 16 113 12 111	$155\frac{1}{2}$ 82 $616\frac{1}{2}$ 66 $610\frac{1}{2}$	Burns-street and Courts Wellington-street Hi. Ormond-st. & Courts Tebbutt's Court & Row Booth-st. West & Courts	$\begin{array}{c} 23 & 11 \\ 6 & 10 \\ 37 & 35 \\ 13 & 8 \\ 16 & 10 \\ \end{array}$	7 8 26 11 12	9 1. 7 4 20 29 5 13 18 10		4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	6 14 2 4 8 24 9 2 4 9 2 4	544499			2.444.142.272.721.70	22 1 32 19 11	14 10 35 10 15	1	3 2 11 8 7	3 4 5 1
14 75 4	201½ 75 412½	Carver-st. & Stanley-st. Prospect-street	3 87 : 3 2	26	5 6 5 5	6 4				menter :	8 20	3.84 1.33 0.90	5 25 ··· 2 ··· 7	20		2 19 1 1	1
12 † 12 10 13	66 † 66 55 711	Honduras-street Birley's Buildings† Mahogany-street Enfranchise Place Cornbrook Place		21 33 33	17282			. 1			2 33 9 19 11	2.12 1.51 0.70 0.83	 1 3	2 .	6	1 7	
30 1 30 1 34 1 72 3 60 3	165 187 396 330	Chatsworth-street Ludlow-street Blanshard-street	6 4 5 2 1	3 . 2 1 . 3 3	8 1 10 9 . 1 2 1		10100	2	1	2	79	$ \begin{array}{r} 1.94 \\ 2.17 \\ 1.60 \\ 0.86 \\ 0.90 \\ \dots \end{array} $	4 7 1	2 .	1	6	
$ \begin{array}{c} 17 \\ 89 \\ 26 \\ 1 \end{array} $	$\begin{array}{c} 29 \\ 04\frac{1}{2} \\ 93\frac{1}{2} \\ 88\frac{1}{2} \\ 43 \end{array}$	Cowcill-street1 Eagle-street Tuer-street Boundary-st & Courts2 Greenheys	$ \begin{array}{c} 3 \\ 2 \\ 3 \\ 2 \\ 2 \\ 0 \\ 11 \\ 1 \\ 2 \\ 4 \end{array} $	18 1 2 15 1 1	$\begin{array}{c} 3 & 29 \\ 1 & . \\ 4 & 5 \\ 1 & 25 \\ 6 & 2 \end{array}$	12		5.371	3 162	5 4 1	$ \begin{array}{r} 102 \\ 6 \\ 25 \\ 116 \\ 22 \end{array} $	2.42 1.72 1.92 	213 ; 8 24	13 . 3 . 12 1	4 8	11 2	
28 1 12 12 8	54 66 66 44	Dalton-street		8	. 1	3	2 2 2	61	2		33 6 1 4 10	2.00 2.07 0.90 0.90 0.88	6 2 1	4		and the second	
11 20 1	601 1 10 0	Marlborough Place Dunn-street Caygill-street * Included in Jenkinso ‡ The per centage	n-str	eet.	· ··						14 4	1.98 1.27 † Now	4 	1 . 1 .		-	

No. I.—TABLE of the No. of Houses, Population, Residences of Patients attended under the Dispensary and Union during the Years 1847, 1848, 1849, 1850, 1851; the Annual per Centage of Deaths to the Population, Total No. of Fever Cases, Diarrhæa and Dysentery, Scarlet Fever and Measles in the five years; and the Total No. of Cases of Cholera treated under the Union in 1848-9.

No. of Houses.	Population.	Streets.	ti		suthe	ind e	ler			Jni			Total.	Annual per centage of Deaths	Fevr cases undr Dispnsry & Un. in 5 Years.	Diarrhœa and Dysentery.	Small-pox.	Scarlet Fever and Measles.	Cholera der Union.
No.0	Pop		1847.	1848.	1849.	-	1000	-	1848.	1849.	1850.	1851.	5	to Popu- lation.	Fevr Disp in	Diar	Sm	Scar	Cho under
	49] 297	Rumford-street			2			10			•••		42	$1.23 \\ 1.14$			••••	1	
64	22	Lawson-street Bebbington-street		1	21						•••	•••	92	1.81 4.54		1			
85	231 467 418	Clifford-street Plymouth Grove Rusholme Road			1	1.1		•••					4 1 29	1.29		ï			
10	55	Wesley Court Barlow-st, and Courts		5	124	1	11114	· · ·		3		4 . 2	9 40		ï	2 9	•••		
27	1481	Wootton-street	1	8	4	1	4	1	6			2	27 17	1.75 2.84	7	12221		3 1	
19	1001 2801	Frith-street Back Kay-street Edward-street	2	77 24	6	61				2			26	$2.16 \\ 1.78$	4	2			ï
16 32	88 176	Anne-street	2	·:-	2	25	7	1	•••	3	•••		12 20	$2.04 \\ 2.72$		1	•••	1	
12 11	66 60±	Thomas-street	00 60	2	3	3	1			1.12	•••		23 16	$3.93 \\ 3.63$	8 1	4 1	•••	•••	
12 9	491	Back Clare-street Oddie's Court	2.	1	2	6	1	6	2	· · · 4	12	ï	31 10	$1.51 \\ 1.21$	1	· 2	1	1	::
	209	Garden-street Bedford-street			2	3			•••			•••	25	4.36 1.53	ï	••	•••		
2 5	11	Downing-street Ripley-street Back Rutland-street	1		•••	1			• •		•••	1	26 1	2.37		2	**		**
18	99	Greaves-street	2	2 14 1	5 00 00	311	311	• •		12		10.000	17 24	0.72 2.22 2.23	1	23		1	1
22 43	121	Melbourne-street		25	020	1.0	3	2	• •	•••	• •	1000		2.23 2.14 1.94		12	2	 .i	
• • • •		Cottenham Gardens	1		1	CO CO 1	2		1				8 5	0.18		1		1	
12 12	66 66	Hughes-street Wood-st. Brook-st	6	3	2		2	2			11		$\frac{16}{28}$	3.03					ï
9 34 1	49 <u>1</u> 180	Tonge-street	58	471	2	35	10	ï	1	12	1	22	29 48	$1.61 \\ 3.33$		5			
25]	$137\frac{1}{2}$	Bell-street	8	81		10	14	11	1	6 4		5	50 56	2.00 3.20	37	8 8 15	125	21	
72 3	391	Crosslev-st. & Courts 19	RB	4	01	29 I	38	iö	1 8	7			22 206	0.20 2.96	33	2 18	9	1 8	·i
19	99	Mark Lane Hill-street Stafford-street	2	1	6	2	3	1	2.			1	70 16	2.46	12	53	1	4	1
36]]	198	Berwick-street	3 .	3		222	17	1	• •	1000	• •	1	79	2.45	5	1	•••	5	
49 2	2631	Charles-street 1 Back Charles-street 1	45	41		7	7	130	11	4	6 2	 6 3	8 93 77	0.90 3.03 3.33	15	16	2	23	
20 1 9	454	Medlock-street	32	74	71	1	4	23	10			2	75 20	1.53	32 39 2	0	2	1 3	1
18	91 471	Makin-street	6	71	11	1	9	17	8		2	2	72 44	2.85	26 17	8		6	1
95	465 J 275 J	Holbrook-street 1 Islington-street	1	6	8	9	92	20	72	3		3	77 48	4.73	35 12	5 6	i	4	1
55 2 32 1	99 <u>4</u>] 60]	Pritchard-street 3 Harker-st. & Buildings. 4	$\frac{84}{12}$	02	8251	92	24 1 15 3	17	8	10 12	37	$\frac{32}{112}$	200	3.60 5.90	48 80	29 21	13	19 6	12 5 7
13	641	Victoria Place	$\frac{8}{7}$	6	5	4	8	4	7	62	51	52	78 53	1.24	21 16	14	3	25	
39 2	1991	Sorton-street	4 2	91	0 1	(71)	12	81	011	11	5	21	39	3.60 3.54	21 26	24	.5	13 9	16 9
110	0941	Leigh-street	913	813	3 4	115	24 19	0	81	14	51	71	42	8.00 4.27	68 83	14 31	2	11 4	34
8 13	**	Wood's Buildings	$\frac{7}{1}$	$\frac{52}{9}$	4	4 5	63	61	21	10		81 31	28	5.36	48 42	13	34	7 6	75
201	10 8	Saville-street	9	8	61	2	7.		8	1.	1		45 48	4.00	28	8 2	:	24	4

No. I.--TABLE of the No. of Houses, Population, Residences of Patients attended under the Dispensary and Union during the Years 1847, 1848, 1849, 1850, 1851; the Annual per Centage of Deaths to the Population, Total No. of Fever Cases, Diarrhæa and Dysentery, Scarlet Fever and Measles in the five years; and the Total No. of Cases of Cholera treated under the Union in 1848-9. *

* In printing these Tables, there has been no room to specify the number of houses and cellars separately; but the population has been calculated at 5½ to each house, and 4½ to each cellar.

				_			_			
No. of Houses.	Popu- lation.	Name of Street.	1847.	1848.	1849.	1850.	1851.	Total.	Annual Average.	Annual Per Centage of Deaths to Population.
21	1151	Acomb-street Allen-street Anne-street Ardwick Green Aaron-street Albert Square Angle-street		1			1	2	0.4	0.34
25	1371	Allen-street		6	10	8		38	7.6	5.5
16	88	Anne-street	8	9	9	3	1	9	1.8	2.04
29	1593	Ardwick Green	2	3	3	3 3	i	12	2.4	1.50
		Aaron-street						1	0.2	
11	603	Albert Square		1				î	0.2	0.33
18	99	Angle-street	2	1	2		4	9	1.8	1.88
4	22	LICKEIS-SLIEEL		1	1		1	3	0.6	0.27
3	161	Abbey-street, Greenheys.	2		10000			2	0.4	0.24
7	381	All Saints' Yard					1	1	0.2	0.53
39	2141	All Saints' Yard Barlow-street	1	3	6	6	0	24	4.8	2.23
89	4881	Boundary-street	16	16	9	8	10	59	11.8	2.41
23	1265	Boundary Lane		3	3	2	3	11	2.2	1.70
25	1281	Back Temple-street .	5	8	7	7	3	30	6.0	4.67
36	198	Berwick-street	5	6	4	2	1	18	3.6	1.71
38	209	Bedford street	27	3	5	8 2 7 2 4	2	16	3.2	1.53
111	6101	Booth-street	7	10	15	8	14	54	10.4	1.70
63	3461	Brook-street	9		11	7	12	46	8.8	
6 19	1011	Back Newton-street .	1	•••	•••	1	1	3	0.6	
19 52	1015	Back Kay-street	3	3	3	1	1	11	2.2	
12	200	Brook-street Back Newton-street Back Kay-street Burlington-street Back Clare-street	2	4	4	1 9 5	3	22	4.4	
33	1813	Back Greek-street	2		27	5	1	5	1.0	1.51
118	649	Bridge-street (2 streets) .	2 2 5 8 11	8		о 3	3	28	5.6	3.08
24	132	Buxton-street.	11	11	11	3	14 6	47	9.4	
32		Burton-street	4	9	4	3		38 24	7.4	
31	1701	Bond-street	G	40	10	4	-	0.4	4.8	
4	22	Back Bond-street	0	1	10	3133 3415	o	2	6.8	3.98
14	73	Back Allen-street	5	A	2	2	2	18	$0.4 \\ 3.6$	0.18
19		Bloomsbury .	4	4	5	3	3	18	3.6	4.93
60	330	Bloomsbury Blanshard-street	2	4	6	0	-2	15	3.0	
25	10(5	Bell-street. Billington-street	3	5	8	3	-3	22	4.4	
26	143	Billington-street .	3	9	3	4	3	22	4.4	3.07
12	65	Back Billington-street . Bury-street	1	2	3	î	4	11	2.2	3.38
17		Bury-street	1	6	3	5	3	18	3.6	3.85
9	493		25		11		1	4	0.8	1.61
29	1551	Burns street	5	4	7		3	19	3.8	2.44
20	110	Binns-street	1	6	1	4	4	16	3.2	2.90
4	22	Bebbington-street	2		1		2	5	1.0	4.54
$\frac{2}{3}$	11	Brunswick-street	••••	1				1	0.2	1.81
	161	Back Brook-street.	••••		1		1	2	0.2	1.21
51	2801	Birley's Buildings* Carver-street			1	1	3	5	1.0	
16	88	Cavendish-street	2	1	1	7	4	15	3.0	1.06
4	22	Cavendish Place	3	3		3	1	10	2.0	2.27
43	2361	Coold atward					1	1	0.2	0.90
194	1065	24 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	3	3	2	4	4	16	3.2	1.35
72	391	Crossley-street and Courts.	19	19	18	17 9	21	94	18.8	1.76
53		Chester-street	10	10	12	101		58	11.6	2.96
78	429	Cowcill-street	5	10	12	8	9	46	9.2	3.19
			_	-	ril.	12 1	21	52	10.4	2.42
	the second	* Now pulled	dov	vn.						A PART

No. II.-- TOTAL DEATHS in Five Years, with the Number of Houses, Population, Annual Average, and Annual Per Centage of Deaths to the Population.

No. II.—TOTAL DEATHS in Five Years, with the Number of Houses, Population, Annual Average, and Annual Per Centage of Deaths to the Population.

			-		-	-				
No. of Houses.	Popu- lation.	Name of Street.	1847.	1848.	1849.	1850.	1851.	Total.	Annual Average.	Annual Per Centage of Deaths to Population.
55	3023	Carter-street	2		2	1	3	8	1.6	0.53
23	1195	Crawshaw-street	21	2	3	14	32	19	2.4	2.00
42	231	Clifford-street		3	235	5	2	15	3.0	1.29
81	4443	Clarendon-street	17	11	15	12	10	65	13.0	2.93
27	1481	Clarendon Place	72	5	4	5	5	26	5.2	3.50
19	1041	Cresswell-street	2	5	4			13	2.6	2.48
10	55	Chorlton Terrace			138		1	2 .	0.4	0.72
34	187	Chatsworth-street	1 9	1 11	3	$\frac{2}{4}$	8	15	3.0	1.60
49	2633		9		1000			40	8.0	3.03
5	271	Chapel Place		1		2	••••	3	0.6	0.21
12	66	Back Charles-street	3	4	1	2	1	11	2.2	3.33
38	209	Clare-street	4	3	6	3	••••	16	3.2	1.50
34	180	Cook-street.	4521	354	8424 4	7 2 5	5	30	$6.0 \\ 2.6$	3.33
15	$\frac{82\frac{1}{2}}{341}$	Cross-street	2	4 0	4 0	2	8	13 18	3.6	$3.15 \\ 1.05$
62 33	1813	Coupland-street Clowes' Court	15	23	4	6	8	26	5.2	2.86
33	181	Cottenham-street	0		2	3	3	10	2.0	1.10
16	88	Charlotte-street*	22	3				23	4.6	5.22
20	110	Caygill-street.	1	1	4		ĩ	7	1.4	1.27
13	711	C 1 Dlass			2	1		3	0.6	0.83
14	77	Clarence-street			21		1	2	0.4	0.52
12	66	Dalton-street	1			1	1	3	0.6	0.90
4	22	Davies-street	1		1			2	0.4	0.18
50	275	Devonshire-street	5	85	9	5	4	31	6.2	2.25
36	185	Downing-street	3	5	7	2	5	22	4.4	2.37
6	33	Dorning-street	1		3	1		5	1.0	3.03
38	209	Durham Place	5	4	5	6	5	25	5.0	2.39
11	601	Dunn-street		3	1	2		6	1.2	1.98
20	110	Dover-street	••••	• • • •	2	2	2	6	1.2	1.09
8	44	Davidson's Court		••••	1		•••	1	0.2	0.45
19	1043	Eagle-street • •	2			23	5	9	1.8 5.0	1.72 1.78
51	2801	Edward-street · ·		10			3	25 2	0.4	0.72
10	55		4	15	1 4	1	2	16	3.2	2.93
20	109	Evans'-street	100					16	3.2	1.94
30 34	165 187	Edensor Place · · · Embden Place · · ·	1	22	i	0	1	4	0.8	0.42
54 70	385	Everton Road	-	-	-		7	7	1.4	0.36
		FEVER WARD, Chester-st.	67	2				69		
25	1333	Frith-street	5	4	2	6	2		3.8	2.84
12	66	Fairfield-street	2	2	2	6 3 1	23	12	2.4	3.63
17	933	Furness-street	ĩ	2	2	1	2	8	1.6	1.71
24	132	Freme-street		1	2	11	1	5	1.0	0.75
6	33	Field Place							0.8	2.42
10	55	Garden-street	3	4	2	3 1 1 9	$ \begin{array}{c} 1 \\ 2 \\ 1 \\ 5 \end{array} $	12	2.4	4.36
15	821	Gore-street	3	1		1	1	7	1.4	1.69
27		George-street (2 streets)	9	8	6	9	5			
76	418	Grosvenor-street	7	8	3	5			5.4	1.29
16	88	Back Grosvenor-street	1		3			4	0.8	0.90
47		Greek-street	4				5	31	6.2	2.40
13		Grafton-street	1	2				3	0.6	0.83
9		Gray-street	1	2						2.42 2.22
18	99	Greaves'-street	2			1	2		2.2	

* The rate of mortality in this street has been increased by four cases of cholera dying in one house in 1849.

No. of Houses.	Popu- lation.	Name of Street.	1847.	1848.	1849.	1850.	1851.	Total.	Annual Average.	Annual Per Centag of Deaths to Population
18	99	Green Hill-street	1		2			3	0.6	0.60
9	493	Goolden street		1	1		1	3	0.6	1.21
5	275	Green Vale		1			1	3	0.6	2.18
26	143	Greenheys	2		2			4	0.8	0.55
24	132	Hadfield-street	22228	5	6	4	3	20	4.0	3.03
12	61	Harker's Buildings . Harker-street .	2	3	6	4	3	18	3.6	5.90
20	99	Harker-street	8	4	7	2	4	25	5.0	5.05
8	44	High-street			1			1	0.2	0.45
8	40	Heron-street	2		1		1	4	0.8	2.00
28	154	Henry-street Heywood-street Hayes-street	3	1		6	3	16	3.2	2.07
4 22	$\frac{22}{121}$	Heywood-street		1	1			2	0.4	1.81
39	2143	Hayes-street	0	1	6	6	3	22	4.4	3.63
18	99	Hesketh-street	8	12	6		6	38	7.6	3.54
69	3791	Hill-street Higher Temple-street .	20	11		9	22	13 33	2.6	2.62
115	5771	Higher Chatham-street .	6	10	10	10 1	2	59	$\begin{array}{c} 6.6\\11.8\end{array}$	1.73
9	461	Holbrook-street	5	1	0			11	2.2	2.04 4.73
34		Hope-street	7	4	2	1 4	-0	20	4.0	2.13
14		Holt-street	5 7 4	1	4	7	223	19	3.8	4.93
12	66	Honduras-street	3		1		1	7	1.4	2.12
7	351	Hulme-street	3				1	7	1.4	4.00
45	947I	Humphrov stroot	3325	2	0	6		25	5.0	2.02
12	66	Hughes'-street	5	3	1		1	10	2.0	3.03
27	1483	Hughes'-street Hyde Grove Ivy-street James-street Jackson-street	1	1				2	0.4	0.27
12	66	Ivy-street			2			2	0.4	0.60
32	174	James-street	8	3	.9	8		37	7.4	4.25
33	1781	Jackson-street	10	8	7	2	4	31	6.2	3.47
96	010	Jenkinson-street	26	17	241	18 1	61	01	20.2	3.96
14	77	Jenkinson-street (Back)	1 6	2	2	3	5	13	2.6	3.37
53	291	John-street	.6	19	12	91		56	11.2	3.84
12	66	Jones-street Islington Place Islington-street* Kay-street	2 4	1	3	2		9	1.8	2.72
5	271	Islington Place	4		1	1.		6	1.2	4.36
24	132	Islington-street*						7		
6	33	Kay-street	1	6	4	4	1	16	3.2	2.42
20	00	Lawson-street Lee-street			1	2.		3	0.6	1.81
40		Leigh-street	8	6			5	22	4.4	4.10
4		T among advantage	8	6	8	4	7	33	6.6	3.00
21		Long-street		1.7		1.		2	0.4	1.81
67	3681	Lower Chatham-street .	3	3	6	53	23	29	5.8	5.55
13	681	Lower Buxton street.	1	1	3.			18	3.6	0.97
103	5664	Lloyd-street	10	9	2	131	3	8	1.6	2.33
19		Lyceum Place .	2	1	6	1	1	46	9.2	1.62
72	396	Ludlow-street .		2	7	15	2	11 17	2.2	2.10
16	88	Lister-street					2	2	3.4 0.4	0.86
10	55	Lion-street		1			-	1	0.4	0.45
35	1923	Longsight.		3	1	1	2	7	1.4	0.36
42	231	Mansell-street	7	9		6	õ	37	7.4	0.72
12	66	Mahogany-street .	1	1.			3	5	1.0	$3.20 \\ 1.51$
18	91	Makin-street	4	4	3	2		13	2.6	2.85

No. II. - TOTAL DEATHS in Five Years, with the Number of Houses, Population, Annual Average, and Annual per Centage of Deaths to the Population.

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No. II. - TOTAL DEATHS in Five Years, with the Number of Houses, Population, Annual Average, and Annual Per Centage of Deaths to the Population.

No. of Houses.	Popu- lation.	Name of Street. Name o
29	1591	Marsden-street 2 3 3 1 2 11 2.2 1.37
22	113	Marsland-street 5 3 4 5 2 19 3.8 3.36
31	1703	Mark Lane 7 5 3 2 4 21 4.2 2.46
58	319	Maskell-street 3 5 5 3 4 20 4.0 1.25
30	165	Matlock Place . . . 3 3 4 6 2 18 3.6 2.17 Melbourn-street . . 2 1 7 1 2 13 2.6 2.14
22		Melbourn-street , . 2 1 7 1 2 13 2.6 2.14
20	104	Medlock-street 2 3 1 2 8 1.6 1.53
16	88	Milton-street 1 2 1 4 0.8 0.90
12	66	Moreton-street 1 1 1 3 0.6 0.90
43	$236\frac{1}{2}$	Mount-street . . 8 2 5 1 4 20 4.0 1.69 Mount Place 2 1 3 0.6 0.90
12	66	Mount Place 2 1 3 0.6 0.90
9	491	Middleton-street 2 1 2 5 1.0 2.02
9	451	Mouncey-street 2 1 2 5 1.0 2.19
13	-711	Malcolm Square*
16	88	Molyneux-street*
27	1481	Mornington-street . 1 1 2 4 0.8 0.53 New York Place . . .2 3 1 6 1.2 2.42
9	491	
23	$126\frac{1}{2}$ 121	New York-street . 1 2 2 1 2 8 1.6 1.26 Newton-street 1 2 1 2 8 1.6 1.26
22 35	1921	Newton-street \cdot
55 18	99	Nelson street 4 2 6 1.2 0.62 Nuttall-street . . . 4 5 2 2 3 16 3.2 3.23
149	8163	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
287	1578	Oxford-street
9	491	Oddie's Court
8	44	Percival-street 1
56	308	
55	2995	Pritchard-street 191511 4 5 54 10.8 3.60
85	4675	Plymouth Grove 6 2 7 6 5 26 5.2 1.11
3	165	Pullen-street 1 1 2 0.4 2.42
16	88	Prospect-street 1 1 2 4 0.8 0.90
200-10		Penitentiary 1 1
17	931	Park Grove 2 2 4 0.8 0.85
		Pomona Square 1 1
19	104불	Rathbone street 6 3 6 1 6 22 4.4 4.20
17	921	Reform Place 2 2 3 3 2 12 2.4 2.59
4	22	Repton-street 1 1 0.2 0.90
34	187	Richmond-street . . 1 3 2 2 4 12 2.4 1.28 Rosamond Court . . 1 2 1 4 8 1.6 4.85 Rosamond-street . . 9 16 9 5 11 50 10.0 1.82
6	33	Rosamond Court 1 2 1 4 8 1.6 4.85
100	547	Rosamond-street . 9 16 9 5 11 50 10.0 1.82 Rosamond Place . . 2 1 3 1 1 8 1.6 1.38 Rusholme Road. 7 12 10 4 7 40 8.0 1.91
21	1151	Rosamond Place . 2 1 3 1 1 8 1.6 1.38 Rusholme Road. 7 12 10 4 7 40 8.0 1.91
76	418	Deck Jacob (Deck) 1 1 0 0 101
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43	143	D 1 + + + + + + + + + + + + + + + + + +
$\frac{26}{46}$	250	Robert-street . 1 2 1 6 10 2.0 1.39 Rutland-street 1 3 2 3 5 17 3.4 1.36
40 5	273	Rutland-street (Back)
26	143	
54	297	Royle-street . . 1 2 5 3 5 16 3.2 2.23 Rumford street . . 2 5 3 2 5 17 3.4 1.14
3	161	Rumford-street (Little) 1 1 2 0.4 2.42
12	66	Ruby-street

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"art now added to Taylor street, y This street is now divided into Higher, and L Temple-street, and no distinction has bilicate been made in the registration

No. of Houses.	Popu- lation.		1847.	1848.	1849.	1850.	1851.	Total.	Annual Average.	Annual Per Centage of Deaths to Population.
14	75	Rogerson's Buildings .			1	4		5	1.0	1.33
20	110	Saville-street	6	4	3	4 4 6	5	22	4.4	4.00
19	1031	School-street	22	43	3	4	25	14	2.8	2.70
42	2361	Sidney-street	2	3	3	6	5	19	3.8	1.60
3	161	Smith-street			1			1	0.2	1.22
51	2771	Sorton-street	9	10		21		50	10.0	3.60
43 58	2361	Stafford-street	5 6	87	5	3	8	29	5.8	2.45
2	319 11	Stockton-street		9	9	9	9	40	8.0	2.50
13	711	Shakspeare-street	1	2	1	1	1	$\begin{bmatrix} 1\\ 6 \end{bmatrix}$	$0.2 \\ 1.2$	0.18
8		Swaile-street	1	4	-	4	2		0.4	1.68 0.88
5		Stanlow Change			1		ĩ	2 2 2	0.4	1.45
20		Stanley-street				0		2	0.4	0.36
19	1041	Taylor-street	5	6	13.		4	28	5.6	5.36
8	44	Taylor's Court*.	5	7	8	2	2	24	4.8	
48	264	Temple-street +	10 5	21 1	192	20 1	6	86	17.5	
2	11	Temple Place		11	3.			4	0.8	7.27
12	66	Tebbutt's Court	2	1	3	1	2	9	1.8	2.72
6	33	Tebbutt's Row				1		1	0.2	0.60
12	66	Thomas-street	5	1	1		4	13	2.6	3.93
9 17	491	Tongue-street		$\frac{1}{2}$.		3		4	0.8	1.61
	93	Tuer-street	2	2	2	1	2	9	1.8	1.92
	44	Tomlinson's Buildings	••				-	17	1.1	
8 5		Thompson's Court Underwood's Court		1.	4	1	2	2	1.4	3.17
199			91	1.	7	: 0		37	0.4	1.50
16	82	Wellington-street	3	2	4	0		17	7.4 3.4	1.13
62	341	Welbeck-street	3	3 4 1	0			30	6.0	4.14
10	55			3			1	7	1.4	1.75 2.54
12		West-street	2	3 2 1	$\frac{3}{6}$		100	6	1.2	1.81
40	220	Whitfield-street	$\frac{2}{61}$	1	6	1	7	34	68	3.09
37	2031		6	2	8	4	7	27	5.4	2.65
22	121	Wilton-street	6 1 3	2 4 1	2	1 :		9	1.8	1.48
11	601	William-street	3	1	3	2 9	2	11	2.2	3.63
9	471	muson-street			4		L.	7	1.4	2.94
26 32	143				6	91		42	8.2	5.87
57	168 3131					2 1	4	15	30	1.78
27		Woburn Place 1 Wootton-street	11	10	1000	7 4		15	9.0	2.87
8	44	Wootton Court		6	4	1 :		13	2.6	1.75
15	821	Wright-street	• • •	1	• • • •	. 2	4	2	0.4	0.88
8		Webster-street		h		:	- hill	1	0.2	0.24
6		Waterhouse's Buildings		1		1	1.6	1	0.2	0.45
10	53 1	Waddington's Court			3 3	2 1	19	7	1.4	4.24
4	22 1	Wilmott's Court .			1			1	0.2	0.37
71	3691	fork-street (Lower) . 1	8 1	52	21	1 13	10		15.8	0.90
9	49 <u>4</u> 1	ligher York-street	1.0	1.				5	1.0	4.27 2.00
30	165	fork Place	2	101	2	. 1		5	1.0	0.60
0.00		Dak Place			L	. 1				
13		Dak-street			. 1	A Same	1	A 44 4 4 4 4 4		
	and the second se	Victoria Place			.11	1 3			0.8	1.24
* Part now Tem	v added t	o Taylor-street. † This street i t, and no distinction has hither	s n	ow	div	ride	d i	nto I	ligher a	17

No, II-TOTAL DEATHS in Five Years, with the Number of Houses, Population, Annual Average, and Annual Per Centage of Deaths to the Population.

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			FE	VE				SM	FI		PO	x.	DI	DY	RI	ROI IO NJ		AND Y.
Streets.	1847.	1848.	1849.	1850.	1851.	Total.	1847.	1848.	1849.	1850.	1851.	Total.	1847.	1848.	1849.	1850.	1851.	Total.
Clowes-court	1			···· ··· ··· ··· ··· ··· ··· ··	···· ····· ····· ····· ····· ····· ····· ····· ····· ····· ······	522 2::94 238	···· 1 ····· ····· ····· ····· ····· ····· ····· ····· ····· ······				···· ··· ··· ··· ··· ··· ··· ··	::: 2 ::: 2 :: 2 :: 2 :: 2 :: 1 :: 1 :		$ \begin{array}{c} 2 \\ 1 \\ \\ 3 \\ \\ 1 \\ 1 \\ 2 \\ \\ 1 \\ \\ 2 \\ 2 \\ \\ 1 \\ \\ 1 \\ 2 \\ 2 \\ \\ 1 \\ 1 \\ 2 \\ 2 \\ \\ 1 \\ 1 \\ 2 \\ 2 \\ \\ 1 \\ 1 \\ 2 \\ 2 \\ \\ 1 \\ 1 \\ 2 \\ 2 \\ \\ 1 \\ 1 \\ 2 \\ 2 \\ \\ 1 \\ 1 \\ 2 \\ 2 \\ \\ 1 \\ 1 \\ 2 \\ 2 \\ \\ 1 \\ 1 \\ 2 \\ 2 \\ \\ 1 \\ 1 \\ 2 \\ \\ 1 \\ 2 \\ \\ 1 \\ 1 \\ 2 \\ \\ 1 \\ 1 \\ 2 \\ \\ 1 \\ 1 \\ 2 \\ \\ 1 \\ 1 \\ 2 \\ \\ 1 \\ \\ 1 \\ 2 \\ \\ 1 \\ 1 \\ 2 \\ \\ 1 $		$\begin{array}{c} \cdots \\ 1 \\ 1 \\ 2 \\ 1 \\ 1 \\ 2 \\ \cdots \\ 2 \\ \cdots \\ 1 \\ 1 \\ 2 \\ \cdots \\ 5 \\ 1 \\ \cdots \\ 1 \\ 1 \\ 2 \\ \cdots \\ 1 \\ 1 \\ 1 \\ 2 \\ \cdots \\ 1 \\ 1 \\ 1 \\ 2 \\ \cdots \\ 1 \\ 1 \\ 1 \\ 2 \\ \cdots \\ 1 \\ 1 \\ 1 \\ 2 \\ \cdots \\ 1 \\ 1 \\ 1 \\ 2 \\ \cdots \\ 1 \\ 1 \\ 1 \\ 2 \\ \cdots \\ 1 \\ 1 \\ 1 \\ 1 \\ 2 \\ \cdots \\ 1 \\ 1 \\ 1 \\ 1 \\ 2 \\ \cdots \\ 1 \\ 1 \\ 1 \\ 1 \\ 2 \\ \cdots \\ 1 \\ 1 \\ 1 \\ 1 \\ 2 \\ \cdots \\ 1 \\ 1 \\ 1 \\ 1 \\ 2 \\ \cdots \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 2 \\ \cdots \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1$	2 2 2 2 2 2 2 1 1 3 1 1 3 1 1 2 1	742428536240:8623:5:155471:31313 131353
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DEATHS in Specified Streets, from Fever, Small Pox, Diarrhoea, and Dysentery.

No. IV Total Deaths from Cholera in Chorlton-on-Medlock.

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No. V.-Causes of Death in specified streets for the five years 1847 to 1851.

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No. of Births in the 5 years.	Popula- tion.	Streets.	Total.	Annual per centage of Deaths to Population.
102	1065	Under 5 years 7 6 8 7 9 3 Cambridge-street 10 13 10 10 12 5	5 92	1.76
45	174	Under 5 years 7 2 4 2 4 1 James-street 1 1 5 6 5 1		4.25
55	220	Under 5 years 5 4 6 1 5 2 Leigh-street	21 00	3.00
126	8161	Under 5 years 12 11 10 6 7 4 Ormond-street and Courts . 8 7 16 9 6 4		2.27
65	2773	Under 5 years 6 18 13 2 8 3	71 10	3.60
1	(273	Under 5 years 1		4.36
1	3 1	Under 5 years 1 1	2 8	
22	(Under 5 years 2 2 10 31		5.36
		Under 5 years 4 5 4 1 1 1	52 92	
37		Under 5 years 6 6 6 3 82	9) 55	2.96
73	391		52 15	
27	396	Ludlow-street 1 1 5 3 1 Under 5 years 7 13 3 5 5 3	2)	0.86
63	3131	Woburn Place . 3 5 1 2 1 Under 5 years 5 6 3 4 3 2		2.87
58	263 <u>1</u>	Charles-street 3 6 5 1 5 20		3.03
32	66	Back Charles-street 2 1 1 1	55 11	3.33
41	1131	Lord-street 4 1 3 311	15 29	5.55
11	66	Tebbutt's Court 1 1 2 1 !	${5 \atop 5}$ 11	2.72
38		Under 5 years 5 6 4 6 4 2 George-street . . 2 2 2 3 1 10	51 35	is: + 15
13	66	Under 5 years 1 1	2} 3	0.51
20	168	Under 5 years 7 1 1 1 10		1.78
33	2143	Under 5 years 5 9 2 319 Hesketh-street 3 3 7 2 318	1 27	3.54
	21 1	Under 5 years 2 1 1 3 2 9	} 15	2.17
31	165	Under 5 years 1 1 2		2.94
11	471	Wilson-street	5 °	

No. VI.-DEATHS in specified Streets, UNDER Five Years, and ABOVE Five Years.

44

									3	
No. of Births. in the 5 years.	Popula-	Streets.	1847.	1848. G	1849.	1850. HS	1851.	т	otal.	Annual per centage of Deaths to Population.
25	1281	Under 5 years Back Temple-street	3	355	43	6 1	1 2	$15 \\ 14 \\ 24 \\ 24 \\ 24 \\ 24 \\ 24 \\ 24 \\ 24$	- 29	4.67
at	99	Under 5 years Harker-street and Buildings.	63		6 7	24	2	17 (- 41	5.05
41	231	Under 5 years Mansell-street	33	5 4	3	51	2 2	18	- 34	3.20
21	934	Under 5 years Bury-street		42	2	4	3	13	18	3.85
28	110	Under 5 years Binn-street		6		1		91	15	2.90
		Under 5 years	1	1	1	21	4	6 { 5 {	20	2.04
30	5771	Higher Chatham-street Under 5 years	12	22	3 4	33	6	15 12	10.00	The second
25	113	Marsland-street	11	1		2	1	5	17	3.36
29	3791	Higher Temple-street Under 5 years	6		3	9			22	1.73
8	1921	Nelson-street		45		1		5}	5	0.62
32	181를	Back Greek-street and Courts	2	4	43	32	12	$16 \\ 13 \\ \}$	29	3.08
10	66	Under 5 years Honduras-street	11	1		1	1	1	5	2.12
60	5661	Under 5 years Loyd-street	6	721	1 2	58	47	$20 \\ 25 \\ -$	45	1.62
22	1551	Under 5 years Burns-street and Courts	2	1 3	4	1	1 2	9	17	2.44
15	463	Under 5 years Holbrook-street	23	1	1		1	4	10	4.73
31	418	Under 5 years Grosvenor-street	17	26		5	22	55	28	1.29
46	208	Under 5 years Billington-street and Back	1	4 5		4	4	175	29	3.33
27	121	Under 5 years Hayes-street	2	1	424	1 4	3	$12 \\ 13 $	21	ing all with
1		Under 5 years	3.		2	2	1	85		3.63
17	110	Under 5 years		4	255	14	1 4:		4	1.09
39	170责	Bond-street . Under 5 years	3	4	54	13	11		34	3.98
74	2993	Pritchard-street Under 5 years	4	2	5	1	21	4 2	48	3.60
121	510		15	91	19	71	84	55 }	113	3.96
59	6541	Upper Brook-street	6	462	3	135	$\frac{11}{52}$	23 2	88	1.13
37	1811	Clowes' Court	21			51	51	87	26	2.86
	1. 84	Atoms out a life many			03	-			2	min martin

No. VI. - DEATHS in specified Streets, UNDER Five Years, and ABOVE Five Years.

No. VII.—NUMBER OF PERSONS RELIEVED, AND THE COST, IN THE SPECIFIED YEARS.

e of Ashpits in the above

POLICE RETURA64-C DIVISION.

		Southernow.	
Qu	arters Ending.	No. of Person Relieved.	s At a Cost of
	1847. 10 Manual	Reneved.	£. s. d.
March 25	1041.	1,267	803 11 11
June 94		1,670	and the second se
	29	1,687 1 525	
December	25	1,535	1,052 13 4
		C 150	£4.116 9 2
		6,159	£4,116 9 2
	irgreaves-street	11 2	New Substit Bilds II
1. 1.05	1848.	1 1 0 20	1.007
	undon-streat	1,859	1,307 2 1
		1,397	920 11 6
	29	1,553	950 0 3
December	25	614	758 10 9
		6.3 -8-	(Jare-stavel-star
		5,423	£3,936 4 7
	gher Temple-street	111 <u>61</u>	14. 15 <u>199112-10189780</u> 10
.2	1849. Jan I toonta-boo		
March 25.		673	766 1 4
June 24 .	skoll-street	490	639 4 7
	· 29	452	653 15 1
December	25	484	670 8 4
		2_Ro	Garden-street
		2,099	£2,729 9 4
			(
	-1850 teette-aa		
March 25.	Tomorrow	505 -	684 5 2
		443	544 10 3
	29 Hanton Reg	467	555 5 8
and the second se	25		603 11 6
December		un Gr	133218-011100184
	ter-street .	aid 1 876	£2,387 912 0 7
			1
	erton Place .1851	AT DI	
Marthan	linenx-street	ol 480	621 16 111
			614 17 0
June 24		450	614 17 0
September	29 25	464	000 100 0 100
December	25	481	629 8 8 8
		1.075	£2,488 14 7
		1,875	£2,488 14 7
			There is an amount of the second second

No. VIII.—Return of the Number of Ashpits in the above Division, in the Township of Chorlton-upon-Medlock, which Require Draining.

Name of Street, Court, &c.	Number of Nuisances	Name of Street, Court, &c.	Number of Nuisances
Holt-street	3	Brought forward	76
Jackson-street	1	Kay-street	Marce 25
Peel-street	-8	Back Kay-street	8
Russell-street	5	Wootton-street	tadigooo O
Mount-street	8	New York Place	4
Woburn Place	2	Hargreaves-street	3
Whitfield-street	.42.1	Marsden-street	39 9 mm
Mansell-street	17.	Creswell-street	June 7
Bedford-street	7	Ann-street	2
Clare-street	-8	Edward-street	11
Grosvenor-street	15	Higher Temple-street	18
Hughes-street	6	Wood-street East	3
Newton-street	11	Maskell-street	March 25
Back Greek-street Court	21ª	Chapel Place?	Septepriber
Garden-street	2	Rosamond Place	December 7
Holland Place (No. 1)	2,099	Bebbington-street	1
Ditto (No. 2)	1	Dunn-street	3
Burton-street	10	Chorlton Terrace	March 25.
Rusholme Road	14	Freme-st. Everton Road	June 21
Melbourne-street	15	120 3	red 5teen
Royle-street	878.1	Lister-street "	5
Greaves-street	17	Everton Place	3
William-street	07	1851. 1851. Mallan	ab 5oraM
Greek-street	014	Everton Road	10 oul
Frith-street	7	Mamin de 19	September Dereißber
T NT PRIDA			
Carried forward	76	TOTAL	327

POLICE RETURNS.--C DIVISION. - 10

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No. VIII.-Return of the Number of Nuisances in the above Division, in the Township of Chorlton-upon-Medlock, as existing 31st Dec. 1853.

, p	20 .9	
crowded	Lodging Houses.	None.
	Overcrowded Houses.	 3, Jackson-street. 9, Ditto.
Division Division	Streets where FINICS face Houses.	1 18, Melbourne-st. 9, Bebbington-st.
Houses Built Back to Back.	Name of Street, &c.	Taylor's Court, Greek-st, Back Newton-street. Newton-street. Back Wootton-street. Back Kay-street. Barlow-street. Barlow-street. Back Temple-street. Back Temple-street. Back Temple-street. Binn-street. Binn-street. Binn-street. Binn-street. Binn-street. School-street. Brook-st. Cong-street. Back Tulnans-street. Resamond Court. Long-street. Cong-street. Ray street. Nood-street. Back Ruthand-street. Kay-street. Noo 1, Clewes Court. No. 2, ditto. Thompson's Court. No. 2, ditto.
House	Number of Houses.	2002 202 202 202 202 202 202 202 202 20
Number and Names of Streets and Courts which require Draining, &c.	Neither Paved nor Sewered.	Holt-street, Jackson-street, Mansell-street, Chapel Place, Wesley-street. Edward-street. Taylor-street. Top end of Cottenham-street. Taylor-street. A New Street, in Cottenham-st. Dryden-street. Plymouth Grove. Plymouth Grove. Plymouth Grove. Hyde Grove. Garove. Hyde Grove. Hyde Grove. Hyde Grove. Hyde Grove. Hyde Grove. Hyde Grove. Hyde Grove. Hyde Grove. Brene-street. Freme-street. Brene-street. Brene-street. High-street. Mortion of Clare-st. Temple-st. High-street. Mortington-street. Morther the ditto. Birdsedge-street. Mornington-street. Mornington-street. Mornington-street. Mornington-street. Mornington-street. Mornington-street. Hargreaves-street. Mornington-street. Mornington-street. Hargreaves-street. Mornington-street. Hargreaves-street.
sand		1000400000010222383852238858588888888888888888888888
ber and Names of Street	Not Paved.	Peel-street, Russell-st. Choriton Terraco, do. Percy Place, Barlow-st.
Num	.0N	H 01 02 44

No. VIII. – Return showing the Number, Description, and Situation of Nuisances, with the Number of Dwelling Houses, Cellars, and the Total Population in the above Division, within the Township of Chorlton-upon Medlock, as existing December 31st, 1853.

	ч ∞ ч	No. of Nuisances.	NO.
	(Thompson's Court, Jackson-street. Russell-street, (in a Coal Yard.) 67, Barlow-street.	Name of Street, Court, &c.	No. and Situation of Nu- sances known to be injurious to Health.
16	12210087654821	Consecutiv	e No.
2, Cureton Place. 1, Back Clare-street.	 46, Temple-street, A8, Ditto. 7, Back Temple-street, Ditto. 7, School-street, Ditto. 9, Ditto. 10, Lion-street, 10, Lion-street, 11, Passage, Barlow-street, 13, Barlow-street, 14, Frith-street, 15, Frogratt's Court, 16, Grave-street, 	Dwelling Houses having Privies under the Sleeping Rooms.	
40	141 ¹⁰ 00100100	No.	
	Jackson-street. Back Temple-street. School-street. New Garratt, Brook-street. Back Wood-street. Back Wood-street. Bedford-street. Rutland-street. Downing-street. Underwood's Court. Frith-street. Wootton-street.	No. of Dwelling Cellars in each Street.	
	40100 44 70 60 Fr	Consecutive	
	Passage, in Bury-street. Ditto in Binn-street. Ditto Wood-st. East. Entry, between Hughes- street and Newton St- Passage and Privy, in Back Greek-street. Passage, in rear of 53 and 55, Greek-street. Passage and Privy, in Whitnells Ct, Greek-st.	&c. in an unhealthy state from want of cleanliness, want of ventilation, &c. Inhabited.	Streets, Courts, Passages,
Inhabited Houses 2,051 Uninhabited Houses 142 Total Houses and } 2,198 Population } 2,198	Houses 2,051 Houses Cellars 39 Cellars	No.ofHouses and Cellars Inhabited. Uninhabited. lation.	No. of Dwelling Houses and Cellars.
2 2 10,469	142 10,313 1 156	ses Popu- sd. lation.	

WM. SAYNOR, SUPERINTENDENT.

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No. IX.-Santary State of the Township of Chorlton-upon-Medlock, December 31, 1853.

the last the second second second			
Name of Street, Court, &c.	Total No. of Back to Back Houses.		Total No. of Back to Back Houses.
Charles-street	10	Brought forward	424
Medlock-street		Chester-street	
Mouncey-street		Cambridge-street	20
Makin-street	13	Stanley's Court	
Wilson-street	9	Jones-street	2
Pritchard-street		Brindle-st. rear of No. 2.	
Harker's Bnildings	9	Billington-street	and the second se
Harker-street	9	Dorning-street	9
George-street	the second se	Bond-street	25
Victoria-street		Allen-street	
Sorton-street		Back Allen-street	
Hesketh-street		Bond Court	
Leigh-street		Marsland-street	
York-street	35	Rose Court	
3, Court, Boundary-st. E.		Wardle Court	
Holbrook-street		Bond-street	5
4, Court, Boundary .st. E.	and the second second	Chatham-street	Contraction of the second s
1, Court, Doundary St. E.	4	Rathbone-street	
2, Court, Ditto.	2	Lord-street	20
Boundary-street	the second s	James-street	29
		Stockton-street	and the second
Wilmott-street, York-st. All Saints' Yard	7		the second s
	1 1 2 1 2 1	1, Court, Stockton-street	
Fairfield-street Fairfield Court	7	2, Court, Ditto	1.00
		3, Court, ,,	2
Barratt's Court	6	4, Court, "	2
Lower Buxton-street	10. 19. T	5, Court, "	2
Wood's Buildings	10	6, Court, ,,	4
Back Charles-street	and the second sec	7, Court, " 8, Court, "	4
Taylor-street	19	lo a li	1
Taylor's Court	17	9, Court, ,,	1
Cook-street	az	10, Court, "	Makin
Crossley-street	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Waterhouse Buildings	Haske
1, Court, Hooper's Bldgs.		Back Billington-street	12
2, Court, Ditto. Mount Place	4	Waddington's Court	8
	11	Ormond-street	25
Stafford-street		Ormond Passage	
Davies-street	3	1, Court, Ormond-street.	
Hill-street	Bred Breds	2, Court, Ditto	6
Cannied forward	191	Carried forward	768

Carried forward ... 424

Carried forward...| 768

No. IX .- Sanitary State of the Township of Chorlton-on-Medlock.

	Total No.	in the second	Total No.
Name of Street, Court, &c.	of Back to	Name of Street, Court, &c.	of Back to Back
	Back Houses.	of Street, Court, de. 100 East	Houses.
A MARK -			
Brought forward	768	Brought forward	923
3, Court, Ormond-street	4	Booth-street	12
4, Court, ,,	5	Booth Court	3
5, Court, ,,	4	Booth Court, No. 2	8
6, Court, ,,	4	Ditto, ditto	
7, Court, "	9	Reform Place	15
8, Court, ,,	3	Eagle-street	6
George-street	12	Jenkinson-street	
Cross-street	13	1, Court, Ditto	13
Evans-street	6	2, Court, Ditto	13
Clarendon-street	2	3, Court, Ditto	5
Wood-street West	13	Back Jenkinson-street	13
2, Court, Ditto	41	Bk. court, Hill's Passage	2
Stopford's Court		Burns'-street	5
Boundary Place	5	1, Court, Ditto.	4
Green Vale		2, Court, Ditto.	8800
Higher Chatham-street.	and the second second	Chapel Place	. 3
Rosamond-street		Wellington-street	
Rosamond Court	3	Ruby-street, rear of?	
Rosamond Court, No. 1.	and the second s	No. 6	
Boundary Lane	1 aura 1.	Cleveland Court	
Rogerson's Buildings	and the second se	Tebbutt Court	CONTRACTOR OF THE OWNER OWNE OWNER OF THE OWNER OWNER OF THE OWNER OWNE OWNER OWNE
John-street	and the second se	T bra' 'sho	All Sel
Dittomanie 8	100 C	Total	1082
Carried forward	923	d Courts 7	Fairfiel

No. IX.—Number of Ashpits that require Draining.

Name of Street, Court, &c	Total No. that require Draining.	Name of Street, Court, &c.	Total No. that require Draining.
Makin-street Hesketh-street a	1	Brought forward Sidney-street	12
Stafford-street	$\begin{array}{c c} 14\\ 15 \end{array}$	Mark Lane b	2 6 0
Crossley-street	10	York-street c	Mount
Carried forward	31	Carried forward	50

a The damp from this ashpit shows itself at the foundation of the three adjoining houses. b Fever has been prevalent in this locality. c This privy drains itself into the cellar of the house.

No IX.-Number of Ashpits that require Draining.

Name of Street, Court, &c.	Total No. that require Draining.	Name of Street, Court, &c.	Total No. that require Draining.
Brought forward	50	Brought forward	319
Back Grosvenor-street	16	Rosamond Court 1	a Sign
Berwick-street	h	Prospect-street	9
Taylor's Court d	1.	Booth-street	8
Upper Brook-street	5	Edensor Place	27
Durham Place e	18	Matlock Place	28
Cambridge-street	9	Chatsworth-street	35
Devonshire-street f	14	Ludlow-street	26
Nuttall-street	22	Welbeck-street	27
Stockton-street g	9	Higher Chatham-street .	8
2, Court, Ditto	1.10	Blanshard-street	27
4, Court, Ditto	1	Bridge-street	27
9, Court, Ditto	1	Carver-street	33
10, Court, Ditto h	1	Higher Cambridge-st	_ 26
8, Court, Ditto	1	Cleveland Court	1
Whittaker-street	7	Enfranchise Place	8
Humphrey-street i	27	Coupland-street m	14
Clarendon street	18	Boundary Lane	1
Durham Place	18	Richmond-street	11
Chatham-street	19	Ruby-street	1
Lyceum Place	6	Mahogany-street	2
Lee-street	13	Reform Place	1
Hadfield-street j	13	Goolden-street	7
Rathbone-street		Booth-street, East	6
John-street	13	Henry-street n	and the second second
Angle-street	1	Richmond-street	8
Boundary-street	8	Oxford-street	5
Cambridge-street		1, Court, Jenkinson-st.	1
Ormond-street	and the second sec	Eagle-street	and the second se
Brook-street k		Hope-street	
Rosamond-street	6	and all all	
		Total	699
0 . 7 7	910	and and a start of the start of the start of	and a state of the

Carried forward ... 319

j The passage between these two houses is filthy, and requires flagging and draining. k The slop-stone of this house empties itself into the petty. I This is in a filthy state. m Entry behind this street filthy and not flagged. n This entry is badly drained.

<sup>d This is a public ashpit and very offensive.
e The entry at the back of this place is filthy and not flagged.
f The entry between these two streets is extremely filthy.
g The passage between this and Chatham-street not flagged or drained.
h This privy leaks into one of the houses.
i The passage at rear of this street filthy, and flags broken; and contains a quantity of armant water.</sup> stagnant water.

No. IX.-Streets and Courts where the Privies Face the Houses.

No. IX.—Streets and C	jouris wi	tore the Preteo -	Total of		
Name of Street, Court, &c.	Total of Privies that face the Houses	Name of Street, Court, &c.	Privies that face theHouses		
Back Grosvenor-street 2 Court, Boundary-street Barratt's Court 2 Ct. Hooper's Buildings 3 Court, ditto	3	Brought forward 7 Court, Stockton-st 10 Court, ditto West-street Boundary Place	$27 \\ 2 \\ 1 \\ 4 \\ 1$		
Stafford-street	5	1 Court, Rosamond-st 4 Court, Ormond-street.	$\frac{1}{2}$		
3 Court, Boundary-st Bond Court	1	Ruby-st. rear of No. 6.	1		
4 Court, Stockton-street. 1 Court, ditto 5 Court, ditto	$\begin{array}{c} 2\\ 2\\ 2\\ 2\end{array}$	1 Court, Burns-street 5 Court, Ormond-street. Back Jenkinson-st	1 5		
Carried forward	27	Total	46		
who live opposite.	MAN NO.	t doors, and are a great nulsance			
No. 1A.—Streets	Total No. that require Draining.	Name of Street, Court, &c.	Total No that require Draining		
5, Court, Hooper's Bldgs 1, Court, Boundary-st	1	Brought forward Bond Court	. 1		
8, Court, Ormond-street. Rosamond Court	1	Woodville-street a Mahogany-street	. 1		
Cleveland Court Enfranchise Place		Honduras-street	. 1		
Carried forward		Total	. 10		
a No. 1, Passage, in rear of this street, is filthy and requires draining.					
No. IX.—Overcrowded Houses.					

Name of Street, Court, &c.	Total Number.	Name of Street, Court, &c.	Total Number.
Holbrook-street George-street		Brought forward Back Allen-street	14 3
Victoria-street York-street	1	James-street, Lord-st Lord-street	6
Hooper's Buildings Allen-street	2	Marsland-street	1
Carried forward		Total	25

NOTE.—The majority of these houses are occupied by a low class of Irish, who are known to live together in large numbers. E

No. IX.—Return, Showing the Number of Dwelling Houses known to have Privies under Sleeping Rooms.

Street, Court, &c. where situate.	Total Number in each Street, &c.	Street, Court, &c. where situate.	Total Number in each Street, &c.
Chester-street	3	Brought forward	78
Clarendon-street	2	Fairfield-street	
Evans-street	11	2 Court, Rosamond-st	4
James-street	6	Back Grosvenor-street	
George-street	3	Rear of Oxford-street	1
Lord-street	and the second	Boundary Lane	1
Cross-street	2	Bridge-street	
Waterhouse Buildings	2	Bridge-street Victoria Place	45
Rathbone-street	3	Welbeck-street	
Back Billington-street	2	Richmond-street	
Billington-street	4	Carver-street	and the second se
Bond-street	4	Booth-street	and the second se
	1	Union-street	2
Dorning-street	4	Renshaw-street	and the second se
Back Allen-street	Sec. 2	Hall-street	
		Wood-street	the second se
Bond-street Court	and the second s		the second se
Leigh-street	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Craven-street	and the second se
York-street	13	Morton-street	
Charles-street	and the second se	Middleton-street	
Hesketh-street		New York-street	
Sorton-street		Kay-street	
Cambridge-street		Higher Chatham-street.	
Bond-street	and the second sec	Field Place	
Chatham-street	the second second	Melbourne Place	
Devonshire-street	and a second sec	Tebbutt's Court	1
Hill-street	The second se	Tebbutt's Row	and the second se
Berwick-street		Bridge-street	
Mark Lane	100	John-street	and the second se
Medlock-street	and the second sec	Clarendon Place	12
Cook-street	4	A BANK A AND	
		Total	213
Carried forward	78	1 A 4 4 9 7	

JOHN TAYLOR, SUPERINTENDENT.

	Courts and Passages considered Unhealthy from want of Ventilation, &c.	40	47	1d are	the second	Total Population of Dwelling Houses and Cellars.	11,456 28,506
RETURNS.	Total Number of Dwelling Houses that have Privies under the Sleeping Rooms.	16 213	229	NoreThere are 15 Low Lodging Houses in the Township of Chorlton-upon-Medlock, which take in nightly lodgers, and are chiefly kept by Irish people.	id Cellars, with	Unoccupied.	4
	Overcrowded Houses.	25	28		ng Houses an mber, 1853.	Occupied.	39 176
ING POLICE	Streets and Courts in which Privies are Opposite the Houses.	2 46	48	on-upon-Medloc 1 people.	bited Dwelli Day of Dece	Total Number of Dwelling Cellars.	40 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
OF THE FOREGOING POLICE RETURNS.	Total Number of Streets, Courts, &c. that Require Draining.	36 10	46 5 6	Township of Chorlton-upon- chiefly kept by Irish people.	Return Showing the Number of Inhabited and Uninhabited Dwelling Houses and Cellars, with the Population, as existing on the 31st Day of December, 1853.	Unoccupied. Dwe	4142 476
SUMMARY OF	Total Number of Ashpits that Require Draining.	327 699	1,026	Houses in the	r of Inhabi m, as existi	Occupied.	2,051 5,039
UIS ST ST	Total Number To of Back to Back Houses.	384	1,466	15 Low Lodging	ing the Numbe Populati	Total Number of Dwelling Houses	2,193
	No. of To Nuisances Injurious to B Health.	33 CL	28	OTEThere are	Return Show	Total Number of Streets, Courts, and Passages where Persons Reside or Dwell.	ano c-stre 529 price
	Divisions.	C Division D Division	TOTAL	TAY	NROL	Divisions.	C Division D Division

The Population is computed at 5¹/₂ to Dwelling Houses, and 4¹/₂ to each Dwelling Cellar. W. SAYNOR, Superintendent C Division. JOHN TAYLOR, Superintendent D Division.

39,962

2

215

220

618

7,090

7,708

TOTAL

