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With the Complinends of the Medical Officer of Health.

ROYAL LEAMINGTON SPA.

Arban Hanitarn District.



Annual Report

OF THE

MEDICAL OFFICER OF HEALTH,

1895.

Leamington Spa :

PRINTED BY BECK'S ADVERTISER LIMITED, PARADE, LEAMINGTON.



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HEALTH COMMITTEE.

MAJOR EDLMANN (CHAIRMAN).

THE MAYOR.

MR. ALDERMAN EARDLEY-WILMOT.

" " MARSLAND.

" " WACKRILL.

Mr. Councillor BRIGHT.

" BARRETT.

,, ,, FELL.

, , FORD.

" " FRAZER. .

" JEAFFRESON.

, " MOLESWORTH.

SMITH.

Sanitary Report

OF THE

Porough of Koyal Teamington Spa.

FOR THE YEAR 1895.

Town Hall, Leamington, 29th January, 1896.

TO THE CHAIRMAN AND MEMBERS OF THE HEALTH COMMITTEE.

GENTLEMEN,

I have the honor to present you with the Annual Report on the Sanitary State of the Borough for the year 1895.

Acreage		2,760
Population (Census 1891)		26,930
Population estimated to middle of 1896		27,220
Population per square mile		6,280
Town Sewage, pumped to Heathcote Farm	m.	
Town Refuse, disposed of to Farmers.		
Height above Sea level		195 feet.
Geological Formation New I	Red S	Sandstone.
Water Supply Artesian Well (d	lepth	110 feet)
on Campion Hill.		

Births.

536 births (277 males, 259 females) were registered, showing an annual birth rate of 19.7, a fraction less than last year.

BIRTHS BY WARDS AND QUARTERS.

TABLE I.

Wards.	BIRTHS.	BIRTH RATE.	ESTIMATED POPULATION, 1895
North-East	154 190 139 53	22·6 27·9 20·4 7·7	7325 8485 7490 3816
	536		27116

TABLE II.

Quarters.	MALES.	FEMALES.	Totals.	BIRTH RATE.
1st 2nd 3rd 4th	77 65 66 69	63 66 62 68	140 131 128 137	20·6 19·2 18·9 20·2
Totals	277	259	536	

Mortality and Diseases.

450 deaths took place; an increase of 77 on last year's figures, showing an annual death rate of 16.5, which becomes 16.6 on adding 28 deaths of Leamington inhabitants who died in Warwick Union Workhouse, and deducting 25 deaths of persons not belonging to Leamington, who died in Hospital.

TABLE III.

MORTALITY FOR THE FOUR QUARTERS OF THE YEAR.

			Тотаі	Mort	Zүмот	ATHS.	E.				
Quarters.	Under 1 year.	1 year and under 5.	5 years and under 15.	15 years and under 25.	25 years and under 65.	65 years and upwards.	Totals.	Under 5 years.	5 years and upwards.	Totals.	DEATH RATE.
1st.	16	5	3	4	48	59	135				19.9
2nd.	16	1	8	8	42	50	125	2	1	3	18.4
3rd.	24	11	4	4	30	23	96	4		4	14.1
4th.	17	8	4	4	35	26	94	1		1	13.8
Totals	73	25	19	20	155	158	450	7	1	8	

Mortality at all ages was high, caused by the large number of deaths from Inflammatory Diseases of the Lungs during the 1st and 2ud Quarters. There was a return of Influenza in March, which disappeared in May.

Deaths under 1 year show a proportionate Infantile death rate of 136.0 per 1000 births.

Causes of Deaths under 5 Years.

24 children who died under 5 years were insured.

Bronchitis and Phenmonia

Whooping Cough

Abcominal Tumor

Measles ...

Tonsillitis

Dionenters at	nu Ine	ишоша	***			4.5.1	10
Debility from	n Birth						14
Imperfect D	evelopm	ent					12
Convulsions							10
Premature E	Birth			***			8
Dentition							6
Marasmus							7
Tuberculosis,	includ	ing Ph	thisis,	Tabes-	Mesent	erica	
and Tub	ercular	Menin	gitis				6
Diarrhœa							2
Gastro-Enter	ritis						8
Diphtheria	***						2

2

10

18

Considerably more than half the mortality under 5 years appeared under the headings of Premature Birth, Debility from Birth, Imperfect Development, Convulsions, Marasmus, and Gastro-Enteritis. These point to weakly parents, early weaning, and unsuitable food in infancy.

The mortality due to Inflammatory Lung Diseases might be greatly lowered, if more care were shown by parents as regards exposure, clothing of infants, and ventilation of sleeping rooms. Exposure to all sorts of weather does not make children "hardy," but, to my mind, has a contrary effect; and close and "stuffy" sleeping rooms tend to lower vitality, and invite lung disease. Teachers in Board Schools and District Visitors might impress some of these facts upon those under their care.

ZYMOTIC DEATHS.

Diarrhœa		 	 	2
Diphtheria		 	 	2
Enteric Fever (Typhoid)	 	 	1
Measles		 	 	1
Whooping Coug	h	 	 	2
				-0

A very low figure, the Zymotic death rate being 0.2.

Small Pox

Was not reported during the year, a fact worthy of notice.

Vaccination is so successfully carried out here, and the supervision of our police over common lodging-houses is so complete, I have no dread of Small Pox spreading in our midst.

Scarlet Fever (Scarlatina)

Was prevalent throughout the entire year. All Wards, except Milverton and Lillington, seemed to suffer εqually.

207 cases were reported, and 183 were removed to hospital. No death was reported in the Borough.

The disease was of mild type, and I have no doubt that on this account numerous cases were enabled to escape "notification." Hence the extreme difficulty in stamping out the malady. It is curious to notice how an outbreak in any locality immediately declines on closing the Schools; and also, how the disease reappears when the holidays have ceased. In October, I advised that Shrubland Street Schools and the Sunday Schools in that neighbourhood should be closed for a month. Scarlet Fever at once declined, but returned slightly when the Schools were re-opened.

I must repeat with emphasis my opinion stated in past reports that daily medical inspection of Board Schools is the best remedy against the spread of such Zymotic diseases as Scarlet Fever, Diphtheria, Whooping Cough, and Measles.

Diphtheria.

12 cases were reported as follows:—3 in North-East Ward, 5 in South-East Ward, 3 in West Ward, and 1 in Warneford Hospital.

2 cases died in South-East Ward in 2nd Quarter.

The "smoke test" was, as usual, applied to premises in 11 cases, and, with one exception, sanitary defects were found in all.

Enteric Fever (Typhoid).

8 cases were brought to my notice, of which 4 were in Warneford Hospital and brought from a distance. Of the others, 1 occurred in North-East Ward, 1 in South-East Ward, and 2 in West Ward. The "smoke test" discovered sanitary defects in the premises of all the latter cases.

Measles

Was prevalent in June and July; disappeared in middle of latter month, and again appeared in October and December.

Lillington School was closed in October with marked effect. The complaint was very mild, and only one death was reported in West Ward in 4th Quarter.

Whooping Cough.

2 deaths were reported in North-East and West Wards in third Quarter. I fully expected that this fatal complaint might prevail after the occurrence of Measles. Such is frequently noticed. I am glad to say that I was disappointed.

Diarrhœa.

2 deaths were reported in the 3rd Quarter.

Erysipelas.

18 cases, mostly chronic, were reported. In one instance only might the disease have been caused by sanitary defects.

General Sanitary Work-Improvements and Suggestions.

As occasion required during the year, I carried out the instructions issued to Medical Officers of Health by the Local Government Board.

1895 was characterised by an increase of work for both the Medical Officer of Health and the Inspector of Nuisances; a survey of the latter's report will prove this.

But for the prevalence of Scarlet Fever, the Borough would have had a very clean bill of health. As I have already stated, daily medical inspection of Board Schools would in all probability prevent such a condition in the future.

Mr. Anderson, your new Inspector of Nuisances, began duty on 27th February, and soon made himself familiar with the entire working of the Borough. He has proved himself a most capable and trustworthy sanitary officer.

In January, chiefly owing to the energy of our worthy Mayor (Dr. T. W. Thursfield), a "Street Smells" Sub-Committee was appointed, and, as a result, a resolution was passed before the General Council "That wherever there is a complaint of a sewer ventilator giving forth offensive smells, there should be an examination of the sewer in the vicinity of the open grid, and that if the state of the sewer is bad and can be remedied, it be so remedied at once; and that if applicable or well to do so, an upcast shaft be placed (upon a report to that effect from the Medical Officer of Health and Surveyor) by order of the Water and Sewage Committee. Also that dead ends of all sewers be ventilated or connected with another sewer wherever practicable."

In carrying out this resolution, six new shafts have been erected, and two dead ends of sewers have been properly connected.

During the year the Mayor was mainly instrumental in drafting a Bill "To make further and better provision in regard to the health, local government, and improvement of the Borough of Royal Leamington Spa, and other purposes."

In its provisions this is a most exhaustive Bill, and, if passed by Act of Parliament, will cause Leamington to take a foremost place amongst the best regulated towns of England.

I attended the meetings called during the preparation of this Bill, and all its provisions have my hearty support.

I wish to warn my medical brethren that section 29 of the Factory and Workshop Act, 1895, in force from 1st January, 1896, obliges every medical practitioner to report any case of Anthrax, Lead, Phosporus, or Arsenical poisoning, to the Chief Inspector of Factories, Home Office, London. The fee for so doing is half-a-crown, and that failure to so report renders a medical practitioner liable to a fine of forty shillings.

At the earliest opportunity, I shall request that notices may be issued, through the Town Clerk, so that the professional men in our Borough may without delay gain this information.

My professional brethren have helped me greatly in my work. Let me thank them for their cordial co-operation. Dr. Douglas acted for me on several occasions during my absence on leave or from sickness. He is so thorough and conscientious in his work, I always feel sa²e in asking him to act as my locum tenens.

The water supp'y has been of excellent quality. The daily average consumption per head was 21 gallons, rather more than the usual rate of consumption, due to waste during the severe winter and the long drought of sammer. 3 private wells were closed, as the water was condemned as dangerous for domestic use.

The Report of the Inspector of Nuisances (Table IX) represents a great amount of work, and caused no friction with owners of property. It shows that 199 rooms, 8 entire houses, and 5 Schools were disinfected. 114 visits were paid to common lodging houses, 376 visits to slaughter-houses, and 132 visits to laundries; of the last-named visits 99 were ordered by the Home. Office in the month of August, in order to classify those laundries which come under the New Factory and Workshop Act, 1895.

The "smoke test" was applied 166 times. The constant demand for this test by the inhabitants and their medical attendants has immensely increased the work of the Health Department.

About 920lbs of unsound meat, including beef, mutton, pork, ham, and fish, were condemned and destroyed, together with 30lbs of fruit.

9 prosecutions were carried out—2 for contravention of Common Lodging-House Bye-Laws, 2 for contravention of Public Health Act, 1875, 1 for exposure of unsound meat for sate, 3 for adulteration of milk, and 1 for adulteration of butter. Conviction was obtained in every case and a fine inflicted.

The last Annual Report of the Chairman of the Pump Room Committee (Dr. Eardley-Wilmot) shows that our Springs and Baths continue to sustain their long-established reputation as therapeutic agents, for which they are admirably fitted and adapted. The increased patronage of the Pump Room by visitors and residents is gratifying, and I trust that all will bear in mind that our Spa water is equal in quality to any British or Continental Spa water, as Dr. Eardley-Wilmot pointed out in his report.

The various Baths were kept in good working order, and have been more largely in demand than ever. The ventilation of our Turkish Bath is much better than one generally finds in such establishments. I can vouch for this from personal experience.

I look upon the Swimming Baths as a great attraction of our town, and I am constantly in correspondence with officials of other towns desirous of imitating the construction and working of these.

It would be a great boon if Leamington could have its own "Disinfecting Chamber." Much valuable time and much trouble would thereby be saved. In case of a severe and sudden outbreak of infectious disease, I do not believe it would be possible to trust to the present method of sending clothing and bedding to Heathcote Hospital.

I venture to hope that before long your Medical Officer of Health and your Inspector of Nuisances may have offices given them more suitable than such now in use. The present office at Old Town Hall is unsuitably situated, too small, badly lighted, and so "draughty" in winter, it is scarcely possible to work there for two hours without taking a chill.

Tables IV to VIII present the mortality at all ages, according to Wards and Public Institutions, and by Quarters.

Meteorology.

Mr. Barnitt, to whom we are indebted from year to year for the Meteorological Observations, has again granted my request for information on these matters.

Mr. Barnitt remarks: "Referring to the Meteorological Table (XII) you will find the mean temperature is slightly below average. The months of May, June, and September, were unusually warm. In the latter month the shade temperature rose to over 80° on six days.

Humidity is 4° below average.

The rainfall is below average by about 4 inches, and the number of rainy days is correspondingly low.

Perhaps the especial features of the year were the two droughts, the earlier commencing 2nd February, ending 5th March, with a fall of rain amounting to '077 inches only; the latter drought commencing 28th April, ending 27th June, and the rainfall amounting to '616 inches.

Let me thank the Chairman and members of the Health Committee for their kindness and able assistance during the past year.

1 am, Gentlemen,

Your obedient Servant, SAMUEL BROWNE, M.D., D.P.H.,

Medical Officer of Health.

TABLE IV.

NORTH-EAST WARD.

Estimated Population — 7,325.

Death Rate—15:1.

			ZYMOTIC DEATHS.							
Quarters.	Under 1 year.	1 year and under 5.	5 years and under 15.	15 years and under 25.	25 years and under 65.	65 years and upwards.	Totals.	Under 5 years.	5 years and upwards.	Totals.
1st.	8	3			11	11	33			
2nd.	6		2	1	9	12	30	1		1
3rd.	10	3	2	1	7	5	28	1		1
4th.	2	4			9	5	20			***
Totals	26	10	4	2	36	33	111	2		2

TABLE V.

SOUTH-EAST WARD.

Estimated Population — 8,485. Death Rate—16.6.

-		-					-				
		Zymotic Deaths.									
and the second s	Quarters.	Under 1 year.	1 year and under 5.	5 years and under 15.	15 years and under 25.	25 years and under 65.	65 years and upwards.	Totals.	Under 5 years.	5 years and upwards.	Totals.
	1st.	6	1	1	1	20	19	48			
-	2nd.	5		1	3	13	15	37	1	1	2
1	3rd.	10	2	1	1	10	5	29	1		1
	4th.	6	2	1	2	8	8	27	·		
	Totals	27	5	4	7	51	47	141	2	1	3

TABLE VI.

WEST WARD.

Estimated Population—7,490.

Death Rate—14.4.

			Тота		ZYMOTIC DEATHS.					
Quarters.	Under 1 year.	1 year and under 5.	5 years and under 15.	15 years and under 25.	25 years and under 65.	65 years and upwards.	Totals	Under 5 years.	5 years and upwards.	Totals.
1st.			1		8	19	28			
2nd.	5		2	3	9	14	33			
3rd.	1	4		1	8	6	20	2		2
4th.	5	2	1		13	6	27	1		1
Totals	11	6	4	4	38	45	108	3		3

TABLE VII.

MILVERTON AND LILLINGTON WARD.

Estimated Population —3,816.

Death Rate—11.7.

			Тотац		ZYMOTIC DEATHS.					
Quarters.	Under 1 year.	1 year and under 5.	5 years and under 15.	15 years and under 25.	25 years and under 65.	65 years and upwards.	Totals.	Under 5 years.	5 years and upwards.	Totals.
1st.	1			1	4	8	14			
2nd.		1	2		5	6	14			
3rd.	2					5	7			
4th.	4		1		2	3	10			
Totals	7	1	3	- 1	11	22	45			

TABLE VIII.

Warneford Hospital, Home for Incurables, River and Canal.

,			-	-							
				Тота	. Mort	ALITY.			ZYMO	TIC DE	ATHS.
	Quarters.	Under 1 year.	1 year and under 5.	5 years and under 15.	15 years and under 25.	25 years and under 65.	65 years and upwards,	Totals,	Under 5 years.	5 years and upwards.	Totals.
al.	1st.	1	1		2	2	1	7			
ospita	2nd.			1	1	5		7			
H P	3rd.	1	2	1	1	4		9			
Warneford Hospital.	4th.				1	2	2	5			
Wa	Totals	2	3	2	5	13	3	28			
	Quarters.										
les.	1st.					3	1	4			
ourak	2nd.				***		3	3			***
r Inc	3rd.					1	. 2	3			
Home for Incurables.	4th.					1	2	3			
Но	Totals					5	8	13			
-:	Quarters.										
Cana	1st.			1				1			
pur	2nd.										
River and Canal.	. 3rd.			1		1		2			
R	4th.				***	1	****	_1			
Gr	and Totals	2	3	4	5	20	11	45			

	10		-
1	Wells Closed,	11 6 1 1 1 1 1 1 2 1 1	8
1	Smoke Test to Drains.	4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	991
ı	General Visits in District.	33 33 34 6 6 6 2 3 3 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	189
ŀ	Visits to Sanitary Work in Progress.	1188	70h
ŀ	House to House inspection visits.	112111111111111111111111111111111111111	132 74 138
1		14 11 11 11 11 11 11 11 11 11 11 11 11 1	+1 Z
1	Visits to Bakehouses.		tL Z
1	Visits to Laundries.		
1	Visits to Slaughter Houses.	65.3 12.3 13.8 13.8 13.8 13.8 13.8 13.8 13.8 13	978 S
1	Visits to Common Lodging Houses.	186 6 9 9 5 : 15 18 6 8 8 1	tII a
1	Bath Waster disconnected from Drains.		8
1	Samples of Food analysed.	110 110	IS STATE
1	Samples of Water condemned.		T
1	Samples of Water analysed.		to a
١		1::0:::::0:::	9 2
1	Schools disinfected.		-
1	Rooms disinfected.	18 114 117 113 113 113 114 115 116 116 116 116 116 116 116 116 116	8 C C C C C C C C C C C C C C C C C C C
١	Houses disinfected throughout.	:::::::::::::::::::::::::::::::::::::::	8 6
1	Sets of Bedding disinfected.	4 : 0004 : : 0444	20 20
	Cases of Overcrowding removed.	H : : : : : : : : : : : : : : : : : : :	8 6
	Laundries cleansed and whitewashed.	:::::::::::::::::::::::::::::::::::::::	1 2
	Workshops cleansed and Whitewashed.	::::0:00::::::	t d
		: : H : : : : H 0 : : : !	-
	Offensive Trades removed.		
	Pigs removed.	. (1	64 -
	Pigstyes drained and paved.	1 1 1 0 1 1 1 1	91
	Horses, Goats, and Rabbits, &c., removed.		32
	Dustbins provided.	: : 40000000 : : : !	58
	Ash Pits removed.		g
	Manure Pits removed.	:::: D: H::::	8
		0 : 0 - 0 - 0 : 0 : 0	09
	Accumulations of Manure, stale Wash & Filth removed.		The second secon
	Rooms whitewashed and cleansed.	1 1 1 1 1	SO
	Houses whitewashed and cleansed.	: 400014004470	p8
	Spouts repaired.	: : : 2 1 : : : : : 2 2 :	50
	Roofs repaired	: : : - 3 0 0 0 : - 0 0	56
;	Yards repayed and repaired.	HH:::0:::04:	91
	Kitchen and Scullery Floors repaired.	: : : : : : : : : : : : : : : : : : : :	IS
-7	Scullery Walls repaired.	:::01::04:0::1	GI
3		:::000:4:1-0:1	The second of the second
2	Scullery Sinks repaired.	24:4:50:64:4	50
8	Scullery Sinks replaced by new Sinks		SS
	Scullery Sink Waste Pipes carried outside House.	1 1 2 2 1 1	9
	Water laid on to Urinals.		b
	Urinals repaired and built.		9
	Ditto Cisterns' Overflow disconnected from Drains.	H : : : : : : : 4 : : : : : : : : : : :	IS
	Soft Water Cisterns cleansed and repaired.	H : : H 4 0 : 0 0 0 0 0 0	56
	Closet Cisterns cut off from House Supply.	::: +: 0 :: +: : +	9
	Closet Cisterns repaired	H: 000 0 : 00 H	61
		11:300000:10	
	Water laid on to Closets.		43
	Cesspools removed and Drains properly connected.		II
	Drains removed from inside Bakehouses.		3
	Rain Water Pipes disconnected from Drains.	2 : : - 2 2 2 1 : : 2 1	SI
	Broken Gullies replaced by New Gullies.	: : 24 8 0 0 0 0 0 8 2 1	49
	"Bell" & "D" Traps replaced by Sanitary Gullies.	88:17:34:400	IS
	Defective Drains put in Sanitary Condition.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	TOO
	Inspection Chambers put in.	1 : : : : : : : : : : : : : : : : : : :	LI
		00::04000444	
	Intercepting Traps put in.		31
	Brick Drains replaced by Stoneware Pipe Drains.		98
	Soil Pipes ventilated.	0 - 0 - 0 4 0 0 0 4 0 0	48
	Soil Pipes removed from inside to outside House.	: 4 : 40 0 0 0 0 0 4 0 0 1	SO
	Soil Pipes cleaned and repaired.	H H 4 D D D D D :	38
	New Soil Pipes.	::: - 4 0 4 9 9 7 8 4	68
	Closets removed and rebuilt.	::: -:::::	8
			18
	Broken & Filthy Closet Pans replaced by New Pans-	H H	
	"Container" Closets replaced by Sanitary Closets.		42
	Notices served.	23 7 7 4 4 1 1 1 2 2 2 2 2 2 3 1 1 2 1 2 2 2 2 2 2	338
	, R , R		: 1
	Y Y Y		
	NI N		100
	OF OP TORH SANG TO TO TO TO ECEN 1895.	y y	tal
1	SUMMARY OF WORK TORMED BY OF OF NUISANCES FROM 1st JANUARY TO 31st DECEMBER, 1895.	January February March April May June July September October October December	Totals
	D N 11 15 16	January Februar March April June June July August Septeml October Novemb	
	S St	Janua Marcl April May June July . Augus Septe Octob Nove	
	31.	1444444	

TABLE X.

Table of Deaths during the Year 1895, in the Urban Sanitary District of Leamington Spa. Classified according to Diseases, Ages and Localities.

	-	-	-								1
	22		Total.	36	109	91	37	23 5	13:	352	1
	21		All other Diseases,	55	28	241	22	123	:11	73	1
	20		.esiruţaI	:-	: :	:-	: :	:01	:::	:4	1
DREN	19	.98	Heart Disea	:0,	10:	14:	: 0	:00	:-:	42	-
F CHILDREN	18	1,	Bronchitis Pneumonia and Pleuris	9 11	270	17	6	63 10	:- :	18 70	-
HS 0	17		Phthisis.	:0	13:	: 5	: -	: =	:::	.:62	1
DEATHS OF	.16		.eugA	::	: :	::	::	11	: : :	::	
	15	0	Rheumation Fever.	::	: :	1	1	::	:::	::	1
F AGE.	14		Diarrhœa a Dysenter	- :	: :*	→ :	: :	11	111	. 63 :	1
DISTINGUISHING YEARS OF AGE.	13	5	Whooping Cough,	٠ :	: : '	→ :	11	::	:::	63 :	
	12		Measles.	::	: : •	٦ :	::	::	111	7 :	1
SUBJOINED CAUSES, UNDER FIVE	11	1	Erysipelas	::	!!	::	::	::	: : :	11	
NED CA	10		Cholera.	::	::	: :	: :	::	:::	::	
OINE	6		Puerperal.	::	: :	: :	::	: ;	:::	::	
subj	00	00	Relapsing.	::	: :	1.1	: :	::	: : :	11	1
FROM	7	EVERS	Continued.	::	::	::	: :	::	:::	11	
	9	F	Enteric or Typhoid.	0	:-	::	: :	::	:::	:-	
Мокталіту	2		Typhus.	::	::	::	: :	::	:::	11	-
Mor	4	S	Membranou Croup.	::	: :	11	: :	::	:::	::	
	8	1.	Diphtheria	: : 0	N :	::	: :	::	:::	c ₁ :	-
	63		Scarlatina	::	: :	::	: :	::	:::	::	1
	1		Smallpox	::	: :	1 1	::	::	:::	::	1
				Under 5 5 upwards	5 upwards	5 upwards	5 upwards	Under 5 5 upwards	Under 5 5 upwards 5 upwards	Under 5 5 upwards	
ES,		vards	rqu bas 39	83	47	45	22	co	∞ :	158	
CAUS.	9	g 9 19	ban bas 32	36	51	37	11	13	10 01	155	
AGE		67 Ja	pan pue GI	6.1	7	5	Н	r0	::	20	
ITY FROM ALL CASUBJOINED AGES.		GI 15	pun pue g	4	4	4	0	61	:01	19	
T FR		der 5	un pue I	10	2	9	Н	0	::	25	1
MORTALITY FROM ALL CAUSES, AT SUBJOINED AGES.		уеаг.	Under 1	26	27	11	7	63	::	73	
Mor		'səž	ge lie tA	111	141	108	45	28	13	450	
	NAMES OF LOCALI- TIES adopted for	. e	as being	st Ward	South-East Ward	West Ward	Milverton & Lillington	Warneford Hospital	Home for Incurables River and Canal	Totals	-
	NAMES O	the purpos Statistics	Institutions shown as localities.	North-East Ward	South-Eas	West War	Milverton	Warneford	Home for River and	T	

	63	28	1	24
	63	20	:	16
	:	:	:	1 16 24
	;	5	:	3
	:		-	4
ann	;	:	:	:
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01	1	:	:	:
ords	:	:	:	:
Lec	Ų.	:	:	:
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0711	:	:	:	:
en 1	1	:	:	:
URK	:	:	1	:
o ne	-		1	:
The subjoined numbers have also to be taken into account in judging of the above records of mortanty.	Under 5	9 17 5 upwards	Under 5	1 2 14 7 5 upwards
S III	:	17	:	7
noen	:	6	:	14
nnn	:	:	:	63
nea	:	:	:	
ofon	1	.:	:	;
ne s	:	63	:	1
	:	28	:	25
	Deaths occurring	mong persons be-	Deaths occurring ithin the district	mong persons not belonging thereto.

TABLE XI.

Table of POPULATION, BIRTHS, and of NEW CASES OF INFECTIOUS SICKNESS, coming to the knowledge of the Medical Officer of Health, during the Year 1895, in the Urban Sanitary District of Leamington Spa, classified according to Diseases, Ages, and Localities.

			17		-
he	13			111111111111	::
in t	12			111111111111111111111111111111111111111	::
Hosp	11	*8	Erysipela	111111111111	11
ir He	10		Cholera.	111111111111	::
from their Homes in the t in Isolation Hospital.	6	1	Puerperal.	::::::::	::
	80	·ė	Relapsing.	1111111111111	11
Removed from their Homes in Treatment in Isolation Hospital	7	FEVERS.	Continued.		11
Ren r Tre	9	F	Enteric or Typhoid.	1111111111111	11
mber of such Cases several localities for	2		Typhus.	11111111111	::
such (4	5	Membranou Croup.		11
r of s	00		Diphtheria		11
Number of several 1	63		Scarlatina.	113 113 113 113 113 113 113 113 113 113	42
ž	н		Smallpox.	11111111111111	::
	13				11
o the	12			1111111111111111	::
ung t	11		Erysipelas	i- i i i i i	100
Locality coming to the Officer of Health.	10		Cholera,	11111111111111	11
cality	6		Puerperal.	111111111111111	::
al Of	00	· si	Relapsing.	111111111111111111111111111111111111111	11
n each Iedical	1-	FEVERS	Continued.	1111111111111	11
New Cases of Sickness in knowledge of the Me	9	H	Enteric or Typhoid.	[H H M H M H M H M M M M M M M M M M M M	: 00
Sickr e of	10	1	Typhus.	11111111111111	11
s of viedg	4		Membranous Croup.	1111111111111111	::
Case	00		Diphtheria.	HHW0440 14 14 11	7 2
New	0.1		Scarlatina.	16 10 10 10 10 10 10 10 10 10	157
	-		Smallpox.		- : :
		Aged	over 5.	Under 5 5 upwards Under 5 5 upwards Under 5 6 upwards Under 5 5 upwards Under 5 5 upwards Under 5 5 upwards	Under 5 5 upwards
	tths.	q B!	Pegisteré	154 190 139 53	536
TA NOT	AGES.		Esti- mated to middle of 1895.	7,325 8,485 7,490 3,816	27,116
POPULATION AT	ALL AGES.		Census 1891.	7,248 8,422 7,454 3,806	26,930
	ES OF LOC.	o o	Institutions being shown as separate localities.	North-East Ward South-East Ward West Ward Milverton & Lillington Warneford Hospital Home for Incurables	Totals

TABLE XII.

METEOROLOGY OF LEAMINGTON, 1895.

Abstract of Meteorological Observations taken at 86, The Parade, during 1895, by J. Barnifr.

Latitude 52dg. 18 N. Longitude 1dg. 30 W. Height above sea level, 195 feet.

The Instruments have been verified at Kew and Greenwich, and the necessary corrections have been applied for index error, capillary action, temperature and diurnal range.

Mean of			AIR	TEMPERATURE.	ATURE.			Relative	Rainfall.	fall.
	-	Means of	s of	Abs	Absolute Maximum and Minimum.	ım and Mini	mum.	Humidity	Total	Number
d D	a III.	Maximum	Minimum Maximum	Maximum	Date.	Minimum	Date.	9 a.m.	Fall.	of Days.
0	0	0	0	0		0		0/0	Inches.	
32.9	6.6	6.98	27.5	45.0	19th	14.2	11tb	87	3.438	18
28.5	3.2	35.9	22.5	45.2	28th	0.2	8th	99	880.	C1
41.7	1.	9.09	35.7	62.1	17th	25.3	3rd	200	1.639	17
9.97	9.9	57.5	40.4	64.5	19th	29.5	lst	28	1.585	11
53.9	6-3	6.49	45.6	82.2	30th	35.8	2nd	71	.363	00
57	00	72.9	50.1	83.9	8th	40.2	15th	69	.583	9
30	6.2	70-3	54.0	8.08	8th	46.0	30th	73	2-322	14
59.8	00.	8.04	54.0	80.3	22nd	44.9	25th	22	2.763	16
59	6.0	74.4	51.4	83.5	27th	37.8	22nd	7.5	.693	ō.
45.0	0.	52.9	268	72.7	lst	25.8	24th	79	2.698	14
46.3	69.	51.8	41.6	62.3	16th	31.9	18th	85	2.983	16
40.1	1.1	44.4	34.7	6.99	5th	24.5	22nd	200	1.661	15
							+		1	
571.4		6.989	497-2					927	20.816	137
									-	
47.6	9.	57.5	41.4					- 22	1.735	11
	-								-	-







