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# TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

*Revenue* DEPARTMENT

|          |           |        |
|----------|-----------|--------|
| G.O. No. | 2386      | Press. |
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*R.R.*  
Not to be folded or roughly handled.

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GOVERNMENT OF MADRAS.  
PUBLIC DEPARTMENT.

18th April 1877, No. 525.

Sanitary.

Read the following paper :—

No. 99. *From L. R. BURROWS, Esq., Acting President of the Municipal Commission, Madras, to the Officiating Chief Secretary to Government, dated 11th April 1877, No. 43.*

I have the honor to forward the report of the Health Officer for the week ending 7th instant. It is satisfactory to note that there is a decided improvement in the returns for the week ending 6th April. The following table shows the mortality for the last five weeks :—

| Week ending |    | Small-pox. | Measles. | Fevers. | Dysentery. | Diarrhoea. | Cholera. | Other Diseases. | Total. |
|-------------|----|------------|----------|---------|------------|------------|----------|-----------------|--------|
| March       | 9  | 307        | 6        | 131     | 140        | 114        | 176      | 237             | 1,111  |
| Do.         | 16 | 387        | 11       | 127     | 141        | 92         | 138      | 230             | 1,120  |
| Do.         | 23 | 437        | 6        | 114     | 138        | 92         | 155      | 229             | 1,170  |
| Do.         | 30 | 439        | 4        | 128     | 123        | 82         | 123      | 206             | 1,105  |
| April       | 6  | 366        | 2        | 91      | 108        | 91         | 107      | 217             | 982    |

2. The flushing of the drains, which the Health Officer considers absolutely necessary, is not, in my opinion, likely to be of much benefit (I speak solely of Black Town drains because flushing is impossible elsewhere for a very good reason), until most of them have been reconstructed and a better outfall has been obtained. The Government are aware that most of the drainage of Black Town is discharged by means of the main drain into the sea. This drain has two openings, one near the Fort and the other near Clive's Battery. These openings are kept closed, except when suitable opportunities are afforded by the tide and other circumstances for opening them, and allowing the liquid contents of the drain to flow into the sea. The drainage consequently stagnates in the main drain except during the short intervals when the openings are opened, and deposits all or most of the solid matters held in suspension. The drain is by these matters gradually filled, and requires to be cleaned out once a year. The time is approaching for cleaning it out, but on a reference to Dr. Stanbrough, who, I understand, consulted Dr. Smith on the subject, it was thought better not to attempt it just at present. The capacity of the main drain being much diminished by the space occupied by the solid deposit, the

contents of the tributary drains find no outfall, and back up for a greater or less portion of their length until relieved by the opening of the main-drain openings. It seems to me, therefore, that flushing is not precisely the operation which is required, but the improvement of the outfall. I am glad to be able to say that the works at the Fort end of the main drain are making good progress, and Mr. Jones hopes soon to be able to begin to use the pump.

3. Dr. Stanbrough recommends that all wells of good water for drinking purposes should be cleaned out and deepened. This has already been done. I should be glad if he would point out a good well which has not been attended to. Up to the present time I have not received any recommendation from Dr. Stanbrough on the subject of any particular well, or work in connection with wells in any part of the town.

## ENCLOSURE No. 1.

From H. STANBROUGH, Esq., Special Health Officer, to the Officiating Chief Secretary to Government, dated Madras, 10th April 1877.

I have the honor of forwarding, for the information of His Grace the Governor in Council, a weekly report, ending 7th (inclusive) April, of the working of the Special Health Department.

2. In my weekly report, ending 7th April 1877, it will be perceived that there is a considerable decrease in the number of registered deaths compared with the previous week.

3. During the past week the total number of deaths registered in Madras was 982, or 128.4 per 1,000 (compared with 153 the previous week), out of which there were 366 deaths from small-pox and 107 from cholera.

4. These two contagious diseases made their appearance with the influx of the famine-stricken strangers into Madras. The unseasonableness of the past four months, dearth of food, and a short supply of good potable water, greatly aggravated by the filthy habits of the people and the dirty state of the town, have helped to keep up the death-rate from contagious diseases.

5. The Health Inspectors are ever zealous and active, but as far as permanent benefit has been achieved nothing has been done.

6. I am now in a better position to give an opinion as to the state of the town, and consider the following improvements absolutely necessary. There is a great want of latrines, both male and female, also dust bins, most of those now in use are too small.

7. Flushing and thoroughly cleansing the main drains, and cleaning and repairing the small drains, and extending brick drains into the bye-lanes and gullies.

8. An increase in the number of conservancy carts, and the construction of smaller or hand conservancy carts for the narrow parts of the town.

9. All wells of good water used for drinking purposes should be cleaned out and deepened.

10. All old tanks and cess-pools should be filled in.

11. Demolition of all small parcheries, and proper drainage of the large.

12. I am of opinion that an increase of Europeans among the conservancy subordinates would be advantageous.

13. Compulsory Vaccination and a sure daily supply of potable water from the Red Hills.

14. Until the above changes take place, we must wait till cholera and small-pox wear themselves out.

15. There were 181 births during the week equivalent to 23.6 per 1,000 of population in the year, against 128.4 per mille of deaths.

## Summary of Health Inspector's Work.

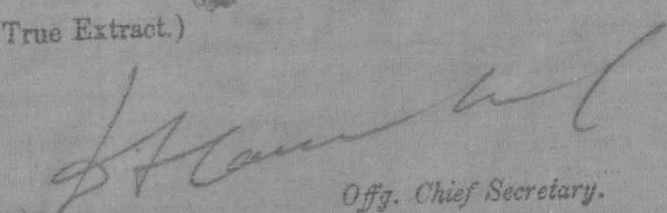
| No. of District | Name of Ward.            | Number of Houses and Huts |                          | Diseases detected. |            |                 | Number of Food-tickets issued. | Number Vaccinated. |
|-----------------|--------------------------|---------------------------|--------------------------|--------------------|------------|-----------------|--------------------------------|--------------------|
|                 |                          | Visited.                  | Cleaned and Disinfected. | Cholera.           | Small-pox. | Other Diseases. |                                |                    |
|                 | East .. .. .             | 629                       | 161                      | 3                  | 23         | 5               | ..                             | 39                 |
|                 | Centre .. .. .           | 341                       | 42                       | 7                  | 28         | 1               | 6                              | 79                 |
| 1.              | West .. .. .             | 639                       | 174                      | 5                  | 48         | ..              | 33                             | 51                 |
|                 | North .. .. .            | 251                       | 47                       | 2                  | 13         | 21              | 1                              | 45                 |
| 2.              | Centre .. .. .           | 574                       | 16                       | 11                 | 31         | 6               | 3                              | 61                 |
|                 | South .. .. .            | 501                       | 20                       | 1                  | 10         | 16              | 2                              | 36                 |
| 3.              | North .. .. .            | 403                       | 193                      | 1                  | 42         | 24              | 3                              | 74                 |
|                 | Centre and South .. .. . | 270                       | 99                       | 2                  | 15         | 10              | 9                              | 39                 |
| 5.              | North .. .. .            | 476                       | 195                      | 13                 | 71         | 12              | 71                             | 111                |
|                 | Centre .. .. .           | 418                       | 21                       | 2                  | 18         | 2               | ..                             | 122                |
| 7.              | South .. .. .            | 412                       | 25                       | 1                  | 9          | ..              | 9                              | 50                 |
| 7 & 8.          | Centre .. .. .           | 513                       | 68                       | 6                  | 17         | 6               | 65                             | 105                |
| 6 & 8.          | North .. .. .            | 318                       | 34                       | 9                  | 6          | 1               | ..                             | 86                 |
|                 | South .. .. .            | 345                       | 33                       | 2                  | 33         | 5               | 3                              | 73                 |
|                 | North and South .. .. .  | 500                       | 28                       | ..                 | 6          | 8               | 9                              | 103                |
| 8.              | South .. .. .            | 366                       | 20                       | 14                 | 5          | 1               | 42                             | 83                 |
| Total ..        |                          | 6,956                     | 1,176                    | 79                 | 380        | 118             | 256                            | 1,057              |

No. 100.

ORDER THEREON, 18th April 1877, No. 525.

Communicated to the Revenue (Famine) Department, to the Board of Revenue, and to the Sanitary Commissioner.

(True Extract.)

  
 Offg. Chief Secretary.

To the Revenue (Famine) Department.

" Board of Revenue.  
 " Sanitary Commissioner.  
 " President of the Municipal Commission, Madras.  
 " Surgeon-General, Indian Medical Department.

Exd. T. O'Connor.

Dec. 1877 845  
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Govt. of 1877 300 adms.

POBIL

THE REVENUE DEPARTMENT

Dec. 1877

Dec. 1877 1877

Dec. 1877 1877

Dec. 1877 1877

GOV. 1877 1877 No. 521

APRIL

No. 90-100

Slavery - Commemorative letter from Agents  
President of the Methodist Conference, the  
representative of the Methodist Church for the  
work during the year 1877.

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