

ADMINISTRATION REPORT OF THE
ANTI-V. D. CAMPAIGN—SRI LANKA

1976



ADMINISTRATION REPORT 1976
VENEREAL DISEASES CONTROL
PROGRAMME



SRI-LANKA

Dr. H. C. E. PREMACHANDRA
ANTI - V.D. CAMPAIGN



No. A/AVDC/1/67.

ADMINISTRATION REPORT OF VENEREAL
DISEASE CONTROL PROGRAMME

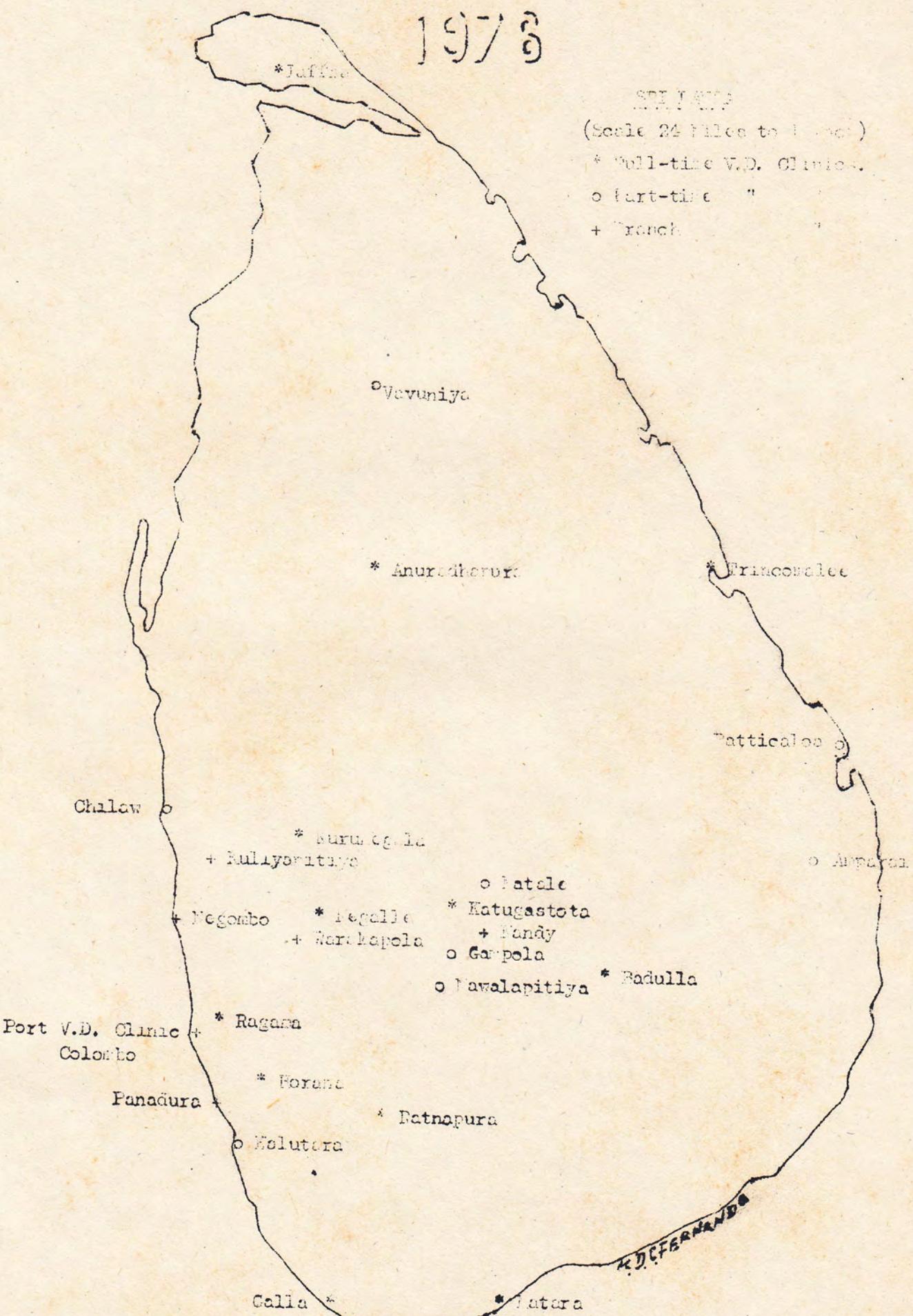
SRI LANKA

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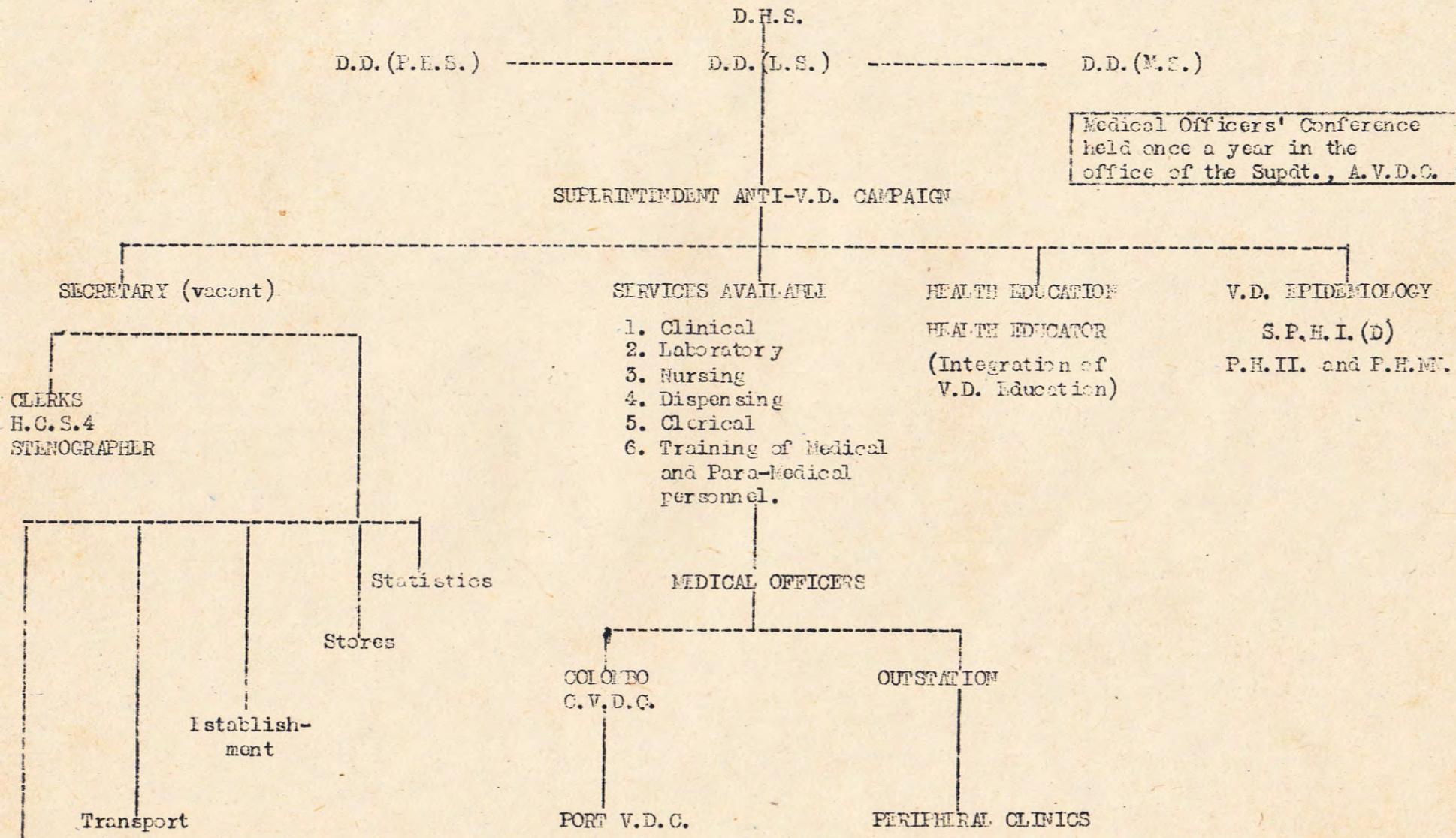
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FULL TIME & PART TIME V. D. CLINICS

1976



ORGANIZATION CHART - ANTI-V.D. CAMPAIGN



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Administration Report of the Anti-V.D.
Campaign for the year 1976

I - Control of Venereal Diseases

1. PROBLEM

(i) Morbidity

The attendance of cases of early infectious syphilis reached an unprecedented height during the year under review.

4,273 new cases of early infectious syphilis were registered at the island's full-time clinics as compared with 3,000 in the preceding year - a rise of nearly 42.4 %.

The rate per 100,000 population for early infectious syphilis was 30 as compared with 21.5 in the previous year. This is the highest rate recorded in the island for the past 25 years.

New cases of gonorrhoea registered a decline from 8,559 cases in the previous year to 7,358 cases during the year under review - a decline of 14 %. No specific reason can at this stage be attributed to the fall in the attendance of new cases of gonorrhoea. This phenomenon has been observed both in the outstation clinics as well as in the Colombo clinics unlike in the previous year where outstation clinics registered a rise while the Colombo clinics recorded a decline in gonorrhoea.

The rate per 100,000 population for gonorrhoea was 52 as compared with 61.6 in the previous year.

The Colombo clinics recorded 50 % more cases of early infectious syphilis and 13 % less cases of gonorrhoea than in the previous year.

The attendance of new cases of infectious V.D. was more marked in the second and the third quarter of the year.

The 20 - 29 age group accounted for 60 % of all cases of early infectious syphilis and 63.5 % of all cases of gonorrhoea as compared with 61.1 % and 65.5 % respectively in the previous year.

The 10 - 19 age group accounted for 9 % of the total cases of early infectious syphilis as compared with 10.3 % in the previous year.

Gonorrhoea cases in this age group accounted for 7.9 % of the total cases of gonorrhoea as compared with 6.5 % in the previous year.

Contact investigation and health education activities accounted for 70.4 % of the cases of early infectious syphilis and 79.5 % of the cases of gonorrhoea as compared with 67.2 % and 83 % respectively in the preceding year.

2,148 new cases of early infectious syphilis were diagnosed at the 12 outstation full-time clinics as compared with 1,586 in the previous year. This signifies a rise of 35 %.

New cases of gonorrhoea registered a drop from 3,908 cases in the previous year to 3,321 cases during the year under review.

All the outstation clinics excepting Horana, Kegalle and Ratnapura recorded increases in the attendance of cases of early infectious syphilis. Anuradhapura, Galle, Matara, Ragama and Kurunegala registered increases of 300 %, 111 %, 48 %, 34.7 % and 31 % respectively over the previous year.

All the outstation clinics with the exception of Matara and Ratnapura recorded a decline in the attendance of new cases of gonorrhoea.

The rise in early infectious syphilis throughout the island in epidemic proportions cannot be viewed with complacency. The situation calls for a reappraisal and strengthening of the existing resources of the control programme.

Control efforts have been retarded by a shortage of staff. This has been spotlighted from time to time.

To provide a wider coverage for the services of the Anti-V.D. Campaign more full-time clinics have to be opened. A need for such clinics at places such as Batticaloa, Matale, Moneragala, Vavuniya, Nuwara Eliya, etc. has often been stressed but the lack of staff has hindered plans for extension.

It is relevant in the context of the present situation, to reiterate the warning sounded by Dr. S. F. Laird, W.H.O. Consultant, who visited Sri Lanka in 1968. While expressing his satisfaction of the progress achieved by the Anti-V.D. Campaign he warned that any relaxation of the Control programme in the midst of the rapid socio-economic changes taking place in the country could lead to a "a severe recrudescence of infectious V.D."

(ii) Social Aspects

At the Colombo clinics, 34.2 % of all cases of early infectious syphilis and 29.3 % of all cases of gonorrhoea were labourers by occupation, as compared with 35 % and 30 % respectively, in the previous year.

Traders accounted for 22.9 % of all cases of infectious syphilis and 25.4 % of all cases of gonorrhoea as compared with 24.4 % and 23 % respectively in the previous year.

The sources of infection in 76.6 % of all cases of early infectious syphilis and 86.1 % of all cases of gonorrhoea were prostitutes and casual acquaintances.

Homosexual sources of infection for early infectious syphilis was 5.4 as compared with 2.1 % in the previous year. The corresponding rate for gonorrhoea was 1.2 % as compared with 0.9 % in the previous year. These percentages, however, cannot be entirely relied upon as most homosexuals are reluctant to admit that their infections are of homosexual origin.

2. ORGANISATION

No new full-time clinics were established during the year.

The Sexually Transmitted Diseases Control Programme in Sri Lanka is at present fairly well organised. The country is covered with a net work of 12 full-time clinics.

There are several peripheral clinics and part-time clinics attached to the 12 full-time clinics. More and more part-time clinics are opened with a view of integration.

Changes of Staff

S/N., Mrs. N. W. Cooray, transferred from G.H., Panadura, to V.D.C., Colombo, with effect from 19.1.76.

S/N., Mrs. N. Piyadigama, transferred from V.D.C., Katugastota, to G.H., Kandy, with effect from 24.1.76.

Dr. H. C. B. Premachandra, Superintendent, Anti-V.D. Campaign, assumed duties on 27.1.76 after a W.H.O. assignment abroad.

Dr. W. J. H. Yapa, M.O., V.D.C., Kurunegala, resigned from service w.e.f. 18.2.76.

Mr. S. Arunalanandan, clerk, transferred from V.D.C., Badulla, to hospital Batticoloa with effect from 5.2.76.

Mrs. M. D. K. Chandrasoma, S/N., transferred from V.D.C., Badulla, to G.H., Badulla.

Mrs. S. Somasiri, S/N., transferred from G.H., Kurunegala, to V.D.C., Katugastota, with effect from 3.1.76.

Mrs. G. Sirisena, S/N., transferred from G.H., Badulla, to V.D.C., Badulla, w.e.f. 9.3.76.

Mr. A. W. de Silva, P.H.I., retired from service with effect from 29.1.76.

Dr. T. J. P. Ratnayake, Bacteriologist, retired w.e.f. 1.2.76.

Dr. G. C. Reginald, M.O., V.D.C., Badulla, resigned.

Mr. R. M. D. Ariyawansa, P.H.I., V.D.C., Colombo, transferred to V.D.C., G.H. Ragama, w.e.f. 8.5.76.

Mr. W. H. G. Fernando, P.H.I., V.D.C. Ragama, transferred to V.D.C., Colombo, w.e.f. 12.5.76.

Miss M. V. Jayawardena appointed as graduate trainee w.e.f. 10.5.76.

Miss G. G. A. Somawathie, clerk H.C.S., released from the post w.e.f. 1.6.76.

Dr. M. Balasubramaniam, M.O., V.D.C., Colombo, transferred to V.D.C., Kurunegala, w.e.f. 1.8.76.

Mr. V. Jinadasa, Clerk, H.C.S., transferred to G.H., Ragama, w.e.f. 1.8.76.

Mr. H. S. W. Wimalasena, clerk, H.C.S., transferred from G.H., Ragama, to V.D.C. Colombo, w.e.f. 31.8.76.

Dr. (Mrs.) I. Jayawardena retired from service w.e.f. 4.8.76.

Dr. (Mrs.) H. Ratnayake assumed duties on 28.9.76 after post-graduate training abroad.

Mrs. S. M. E. Senaratne, clerk H.C.S., transferred to G.H. Tangalle, w.e.f. 30.9.76.

Mr. K. G. E. Wijesinghe, clerk, H.C.S., transferred from Mulleriyawa Hospital to Anti-V.D. Campaign, Colombo, w.e.f. 26.10.76.

Mr. J. de S. Weeraratna, clerk, H.C.S., transferred from G.H. Walasmulla, to Anti-V.D. Campaign, Colombo, w.e.f. 10.11.76.

Miss D. A. J. Fernando appointed as a M.L.T. w.e.f. 3.12.76 to V.D.C. (Lab.) Colombo.

Mr. G. A. Jayatilleka, P.H.I., Leprosy Campaign, Panadura, transferred to V.D.C. Ratnapura, w.e.f. 21.1.77.

Mr. G. G. Jayaratne, P.H.I., Leprosy Campaign, Matara, transferred to V.D.C., Matara, w.e.f. 1.1.77.

Mr. W. G. Ananda de Silva, Clerk H.C.S., transferred from D.H.S. Office, Colombo, to V.D.C., Badulla, w.e.f. 23.12.76.

3. CO-ORDINATION

(a) Local Authorities

Routine blood-testing of expectant mothers was continued at the ante-natal clinics in the Colombo and Kandy municipalities with the co-operation of the municipal authorities.

(a) Local Authorities (contd.)

All cases reactive to the Venereal Disease Research Laboratory Test (V.D.R.L.) were investigated and treated where necessary at the Colombo and Katugastota clinics. (Tables IX and X)

This activity is further intensified with the V.D. Control programme working in close collaboration with the Family Health Programme. A pilot project was started in the division of S.H.S. Ratnapura.

(b) Voluntary Organisations

Regular educational programmes and group talks were carried out with the co-operation of voluntary organisations.

Health education in the Pilot Community Health Project areas was continued.

Film shows and group discussions were carried out in an intensified programme.

The Campaign participated in two health exhibitions in the out-stations and one in Colombo.

4. ACTIVITIES

Regular control measures were carried out at all full-time clinics. An analysis of cases is given in Tables II and XI.

(a) Preventive

Contact investigation in respect of all cases of infectious V.D. was carried out. (Tables VII, VIIIB and XIV).

Routine blood-testing of all admissions to Remand Homes, Prisons, Training Schools for Youthful Offenders and in hotels was continued.

(b) Curative

The standard treatment for gonorrhoea was Procaine Penicillin 1.6 million units for males and 2.4 million units for females combined with Probenicid 500 mg. This regime is being reviewed at the moment as it has been observed that the failure rate has been progressively increasing.

Procaine Penicillin in oil with 2% aluminium monostearate was the drug of choice for all cases of syphilis at all clinics in the island. All cases were tested for penicillin sensitivity before treatment.

5. EDUCATIONAL

The training of medical and para-medical personnel was continued at the Central V.D. Clinic and at the Anuradhapura clinic.

Seven medical officers and two public health inspectors were given two-week courses of training in V.D. control work.

Lecture demonstrations to various categories of health personnel in service and in training were continued.

Post-graduates and under-graduates of the Faculty of Medicine at Colombo and Peradeniya received lectures and lecture-demonstrations on V.D. and its control.

A course of six lectures were given to the medical students followed by two weeks of clinical training at the Central V.D. Clinic.

6. LABORATORY

The laboratory services required for the activities of the Anti-V.D. Campaign are provided by a Central Laboratory in charge of a Bacteriologist, situated adjacent to the Central V.D. Clinic which serves as a routine and reference laboratory for the Colombo Clinic and as a reference laboratory for all V.D. clinics in the island, and entertains reference work from any other hospital or general practitioner all over the island. The routine work for the provincial V.D. clinics are performed in provincial pathological laboratories which are under the direction of Pathologists. The activities as far as the diagnosis of venereal diseases is concerned are supervised and controlled by the Central Laboratory, which provides control sera, reagents for serological and bacteriological work and evaluates the performance of the tests. In all provincial laboratories the V.D.R.L. test is performed as a routine. Equipment and reagents necessary are indented for and distributed by the Central Laboratory. Dark-ground microscopy, Gram Staining for Gonococci, examination of smears, discharges for Trichomonas vaginalis, routine urine examination, WBC/DC., etc. are performed at each of the V.D. clinics either by the Pathologists or by the Venereologists in charge.

The Central Laboratory, in addition to the routine testing enumerated above, also conducts serological tests of a reference nature, namely, FTA-ABS and T.P.H.A. Gonococcal Culture for Gonococci using Thayer-Martin medium is routinely used for female patients for diagnosis and as a test of cure. In addition, antibiotic sensitivity testing and storing of strains of Gonococci are also undertaken. Culture for Trichomonas vaginalis can also be carried out on request. All the reagents other than labelled Anti-Human Globulin for the FTA-ABS test are prepared in the Central Laboratory. The lack of culture facilities for Gonococci in the provincial laboratories or V.D. clinics is a big drawback and we plan to introduce this within the next two years in all the provincial clinics. Already, in two provincial clinics, we have succeeded in establishing this test. We also expect the work load for the VDRL test to increase rapidly with greater number of routine testing being performed. Our heavy equipment like centrifuges currently in use are over 15-20 years old.

The T.P.H.A. test is the second reference test performed in the Central Laboratory and only a limited number of tests can be done because of the expense of the antigen. This test is an ideal test to be introduced to the provincial testing centres as they do not have a single reference test.

In Sri Lanka there is the problem of Non-Specific Urethritis for which no investigations are available and the pattern of this disease in Sri Lanka is totally unknown. It is desirable that a study should be made of this to see how much of this is due to Chlamydial infection, particularly since Sri Lanka is a country in the tropical belt without any Trachoma. The investigations could be conducted ideally in the Central Laboratory.

7. ACHIEVEMENTS

The island's ante-natal sero-reactivity rate has been higher than that of the previous year (1.0 against 0.65) reflecting a slight rise in cases of infectious syphilis.

There had been an increase of early congenital syphilis than that of the previous year (19 as against 10). Prompt action should be taken in the follow-up and treatment of ante-natal reactives.

The high incidence of early congenital syphilis may be due to the fact, that the people are conscious of venereal diseases as a result of mass Health Education programmes carried out by the health personnel.

A new wing was added to the existing building of the Central V.D. Clinic, and the office of the Superintendent was shifted there, as a result more space had been made available for the smooth functioning of the clinic.

8. SPECIAL STUDIES, RESEARCH & SURVEYS

Dr. D. O. Nicolle has conducted further studies on :-

- (1) The efficacy of Kanamycin on resistant gonorrhoea, with extra emphasis on complications like ototoxicity.
- (2) Studies on the use of Trimixazole in uncomplicated gonorrhoea.
- (3) Kanamycin in treating chancroidal infection (limited study).

9. CONCLUSION

An important feature is the rise of Infectious Syphilis over Gonorrhoea this year than that of the previous year.

Infectious syphilis has gone up from 21.5 in the previous year to 30 per 100,000 this year. Gonorrhoea has come down from 61.6 per 100,000 to 52 per 100,000 this year.

Contact investigation and Health Education work are the only effective means in controlling infectious V.D. Emphasis should be made more on health education work and contact investigation to control the spread of V.D.

10. ACKNOWLEDGMENTS

The Superintendent, Anti-V.D. Campaign wishes to place on record his deep appreciation of the encouragement and assistance he has received from the Department of Health as well as outside towards the V.D. Control programme.

Dr. H. C. B. Premachandra
Superintendent,
Anti-V.D. Campaign

Table No.I

Attendance by Years - Central V.D. Clinic, Colombo.
1976

| Year | M A L E S* | | | F E M A L E S | | |
|---------|--------------|---------------------------|-----------------|---------------|---------------------------|-----------------|
| | First Visits | Subse- quent Visits | Total Visits | First Visits | Subse- quent Visits | Total Visits |
| 1969/70 | 6765 | 28574 | 35339 | 2188 | 11066 | 13254 |
| 1970/71 | 6097 | 23159 | 29256 | 1939 | 8486 | 10425 |
| 1971/72 | 5926 | 16846 | 22772 | 1722 | 7395 | 9117 |
| 1972/73 | 6356 | 16744 | 23100 | 2043 | 6868 | 8911 |
| 1974 | 9446 | 26974 | 36420 | 2542 | 6825 | 9167 |
| 1975 | 10142 | 29466 | 39608 | 3136 | 7206 | 10342 |
| 1976 | 7209 | 22299 | 29508 | 3702 | 8439 | 12141 |

* Includes figures of Port V.D. Clinic, Colombo.

Table No.II

Analysis of New Cases - 1976
Colombo Clinics

| | C.V.D.C. | | Port VDC Males | Total Males | Total Females | Total Males & Females |
|-------------------------------------|----------|---------|----------------------|----------------|------------------|-----------------------------|
| | Males | Females | | | | |
| Syphilis | | | | | | |
| S1 - Sero Negative primary | 164 | 3 | 5 | 167 | 3 | 170 |
| S2 - Sero positive primary | 1309 | 180 | 26 | 1335 | 180 | 1515 |
| S3 - Secondary | 196 | 243 | 1 | 197 | 243 | 440 |
| S4 - Latent: Early | 64 | 149 | 2 | 66 | 149 | 215 |
| Late | 23 | 39 | - | 23 | 39 | 62 |
| S5 - Neuro-syphilis | 5 | 1 | - | 3 | 1 | 4 |
| S6 - Cardiovascular syphilis | - | - | - | - | - | - |
| S7 - Other Late syphilis | 2 | - | - | 2 | - | 2 |
| S8 - Congenital: Early(under 2yrs.) | 5 | 5 | - | 5 | 5 | 10 |
| Late (over 2 yrs.) | 9 | 21 | - | 9 | 21 | 30 |
| Gonorrhoea | 3147 | 797 | 93 | 3240 | 797 | 4037 |
| Presumptive gonorrhoea | - | 347 | - | - | 347 | 347 |
| Non-Gon. Urethritis/Cervicitis | 234 | - | 8 | 242 | - | 242 |
| Chancroid | 421 | 12 | 16 | 437 | 12 | 449 |
| Lymphogranuloma Venereum | - | - | - | - | - | - |
| Granuloma Inguinale | - | - | - | - | - | - |
| Herpes Prægenitalis | 132 | - | - | 132 | - | 132 |
| Trichomoniasis | 11 | 1111 | - | 11 | 1111 | 1122 |
| Other venereal | 237 | 97 | 27 | 264 | 97 | 361 |
| Yaws: Early | - | - | - | - | - | - |
| " Late | 2 | - | - | 2 | - | 2 |
| Non-venereal cases | 1059 | 697 | 15 | 1074 | 697 | 1771 |
| Total : | | 7018 | 3702 | 191 | 7209 | 3702 |
| | | | | | | 10911 |

Table No.III

Distribution of Cases by Age Groups - Syphilis
Gonorrhoea & Presumptive Gonorrhoea
Colombo Clinics - 1976

| | 0-2 yrs. | | 3-9 yrs. | | 10-14 yrs. | | 15-19 yrs. | | 20-24 yrs. | | 25-29 yrs. | |
|------------------------|----------|---|----------|---|------------|---|------------|-----|------------|-----|------------|-----|
| | M* | F | M* | F | M* | F | M* | F | M* | F | M* | F |
| S1, S2, S3 | - | - | 1 | - | 2 | 1 | 114 | 75 | 535 | 165 | 486 | 88 |
| S4 Early | - | - | - | - | - | 1 | 2 | 19 | 18 | 55 | 17 | 44 |
| Syphilis Late | - | - | - | - | - | 1 | - | 3 | - | 11 | 4 | 12 |
| Congenital Syph. | 5 | 5 | - | 2 | 1 | - | - | 6 | 2 | 6 | 2 | 2 |
| Gonorrhoea | - | - | - | - | - | 1 | 190 | 127 | 1046 | 288 | 1023 | 208 |
| Presumptive gonorrhoea | - | - | - | - | - | - | - | 52 | - | 122 | - | 90 |

* Includes Colombo Port V.D. Clinic figures

Table No.III (contd.)

| | 30-34 yrs | | 35-39 yrs | | 40-49 yrs | | 50-59 yrs | | Over 60 yrs | | Total | |
|------------------------|-----------|----|-----------|----|-----------|----|-----------|---|-------------|---|-------|---------|
| | M* | F | M* | F | M* | F | M* | F | M* | F | Males | Females |
| S1, S2, S3 | 249 | 43 | 126 | 31 | 153 | 20 | 44 | 2 | 9 | 1 | 1699 | 426 |
| S4 Early | 13 | 16 | 6 | 6 | 6 | 8 | 3 | - | 1 | - | 66 | 149 |
| Syphilis Late | - | 3 | 5 | 4 | 4 | 5 | 9 | - | 6 | 1 | 28 | 40 |
| Congenital Syph. | 1 | 5 | 2 | - | - | - | - | - | 1 | - | 14 | 26 |
| Gonorrhoea | 492 | 85 | 271 | 63 | 172 | 22 | 41 | 3 | 5 | - | 3240 | 797 |
| Presumptive gonorrhoea | - | 42 | - | 31 | - | 9 | - | - | - | 1 | - | 347 |

* Includes Colombo Port V.D. Clinic figures

Table No. IV

Distribution of Cases by Occupation - 1976
Colombo Clinics - Male Patients

| | S | Y | P | H | I | L | I | S | |
|---------------------------|------------|----|-------|---|---------------|---|---------------------|---|------------|
| | S1, S2, S3 | S4 | Early | | Late Syphilis | | Congenital Syphilis | | Gonorrhoea |
| Bus conductors | 8 | | - | | - | | - | | 7 |
| Barbers | 6 | | - | | - | | - | | 9 |
| Blacksmiths | - | | - | | - | | - | | 3 |
| Carpenters | 20 | | - | | - | | - | | 37 |
| Clerks | 50 | | 3 | | - | | - | | 143 |
| Cobblers | - | | - | | - | | - | | 1 |
| Cultivators | 17 | | 2 | | 1 | | - | | 31 |
| Domestics | - | | - | | - | | - | | - |
| Drivers | 73 | | 3 | | - | | - | | 153 |
| Firemen | - | | - | | - | | - | | 1 |
| Fish Vendors | 11 | | - | | - | | - | | 17 |
| Food Handlers | 11 | | - | | 2 | | - | | 18 |
| Goldsmiths | - | | - | | - | | - | | - |
| Labourers | 581 | | 18 | | 10 | | 2 | | 950 |
| Laundry Workers | - | | 2 | | - | | - | | 2 |
| Lawyers | - | | - | | - | | - | | - |
| Masons | 18 | | - | | - | | - | | 24 |
| Mechanics | 88 | | 5 | | - | | - | | 253 |
| Overseers | 11 | | 1 | | - | | - | | 25 |
| Painters | 18 | | - | | - | | - | | 27 |
| Peons | 5 | | 2 | | - | | - | | 30 |
| Planters | 1 | | - | | - | | - | | - |
| Police & Prison Personnel | 33 | | 3 | | 1 | | - | | 83 |
| Priests | - | | - | | - | | - | | 1 |
| Salesmen | 6 | | - | | - | | - | | 26 |
| Seamen | 1 | | - | | - | | - | | 14 |
| Soldiers | 8 | | 1 | | 1 | | - | | 24 |
| Students | 8 | | 1 | | - | | - | | 45 |
| Tailors | 8 | | - | | - | | - | | 9 |
| Teachers | 3 | | - | | - | | - | | 2 |
| Traders | 389 | | 9 | | 2 | | 1 | | 822 |
| Unemployed | 325 | | 16 | | 11 | | 11 | | 483 |
| Total | 1699 | | 66 | | 28 | | 14 | | 3240 |

Table No.V

Central Laboratory Technical Report for 1976
Colombo Clinics

| | | Males | Females | Total |
|------------------------------------|----|-------|---------|----------------|
| S.T.S. (V.D.R.L.) :- | | 17661 | 23751 | 41412 |
| No. of cases for first test | .. | 21542 | 26850 | 48372 |
| " " " 1st test reactive | .. | 1536 | 878 | 2414 |
| " " " non-reactive | .. | 1757 | 954 | 2691 |
| Total No. of V.D.R.L. done | .. | 16125 | 22873 | 38998 |
| Total no. of V.D.R.L. reactive | .. | 19785 | 25896 | 45681 |
| | | 22355 | 24454 | 46809 |
| | | 3468 | 1899 | 5367 |
| No. of C.S.F. samples | .. | 4176 | 2139 | 6315 |
| No. of C.S.F. samples positive | .. | - | - | - |
| " " smears for G.C. | .. | 2868 | 2785 | 5653 |
| " " " positive for G.C. | .. | 4335 | 3814 | 8149 |
| " " specimens for G.C. culture | .. | 2308 | 242 | 2550 |
| " " " positive for G.C. | .. | 3494 | 370 | 3864 |
| Darkfield examinations for T.P. | .. | 6 | 2996 | 3002 |
| No. positive for T.P. | .. | 4163 | 699 | 4862 |
| No. of wet films for T.V. | .. | 398 | 164 | 562 |
| No. of wet films positive for T.V. | .. | 600 | 210 | 810 |
| No. of bloods for F.T.A. | .. | 196 | 3818 | 4014 |
| " " " positive for F.T.A. | .. | 1 | 934 | 935 |
| Urine Analysis: Albumen | .. | 1097 | 1120 | 26 |
| sugar | .. | 115 | 450 | 565 + 676 |
| deposits | .. | 244 | 505 | 749 + 658 (OS) |
| " " " positive for F.T.A. | .. | 61 | 236 | 297 + 314 |
| No. of bloods for W.B.C. and D.C. | .. | 130 | 166 | 296 + 182 |
| | | 121 | 75 | 145 |
| | | 163 | 133 | 133 |
| | | 170 | 148 | 196 |
| | | | | 199 |
| | | | | 71 |
| | | 57 | 71 | 75 |

Table No.VI

Treatment Completed at the Colombo Clinics

| | 1971/72 M* F ⁺ | 1973 | | 1974 | | 1975 | | 1976 | |
|------------------------|------------------------------|------|-----|------|-----|------|-----|------|-----|
| | | M | F | M | F | M | F | M | F |
| Syphilis | .. | 426 | 233 | 485 | 249 | 706 | 219 | 998 | 276 |
| Gonorrhoea | .. | 2094 | 309 | 2532 | 560 | 3975 | 760 | 3955 | 702 |
| Presumptive gonorrhoea | .. | - | 304 | - | 331 | - | 329 | - | 419 |
| | | | | | | | | | 347 |

M* = Males

F⁺ = females

Table No. VII

Contact Investigation - Extra-Marital Contacts
Colombo Clinics - 1976

No. of patients interviewed:-

| | | | |
|----------------|---------------------|----|------|
| Syphilis Early | S1 | .. | 163 |
| | S2 | .. | 1212 |
| | S3 | .. | 289 |
| | S4 Early | .. | 95 |
| Syphilis Early | S4 Late, S5, S6, S7 | .. | 42 |
| Gonorrhoea | | .. | 2879 |

Extra-marital contacts named:-

| | | |
|------------|----|------|
| S1, S2, S3 | .. | 1203 |
| S4 Early | .. | 56 |
| Gonorrhoea | .. | 734 |

" " " traced:-

| | | |
|------------|----|-----|
| S1, S2, S3 | .. | 765 |
| S4 Early | .. | 25 |
| Gonorrhoea | .. | 444 |

" " " brought to clinic:-

| | | |
|------------|----|-----|
| S1, S2, S3 | .. | 681 |
| S4 Early | .. | 23 |
| Gonorrhoea | .. | 373 |

" " " found positive for:-

| | | |
|------------------------|----|-----|
| S1, S2, S3 | .. | 264 |
| S4 Early | .. | 60 |
| Syphilis late | .. | 3 |
| Congenital syphilis | .. | - |
| Gonorrhoea | .. | 231 |
| Presumptive gonorrhoea | .. | 171 |

" " " treated :-

| | | |
|------------------------|----|-----|
| Syphilis early | .. | 324 |
| Syphilis late | .. | 3 |
| Congenital s syphilis | .. | - |
| Gonorrhoea | .. | 231 |
| Presumptive gonorrhoea | .. | 171 |

Contact Investigation Indices

1. Contact Index: (Approximate number of contacts obtained from each case of primary and secondary syphilis interviewed) .. 0.72
2. Epidemiological Index: (Approximate number of syphilis infections indentified in the contacts of each primary and secondary syphilis patient interviewed). .. 0.20
3. Brought to Treatment Index: (Approximate number of syphilis infections brought to treatment among contacts of each primary and secondary syphilis patient interviewed) .. 0.20
4. Lesion to Lesion Index: (Approximate no. of primary and secondary syphilis infections brought to treatment among contacts of each primary and secondary syphilis patient interviewed). .. 0.16

Table No.VIIBInvestigation of Family Contacts
Colombo Clinics - 1976

Contact Slips Issued:-

| | | | |
|-----------------|-----------------------|----|-----|
| Syphilis Early: | S1 | .. | 51 |
| | S2 | .. | 250 |
| | S3 | .. | 100 |
| | S4 Early | .. | 53 |
| Syphilis Late: | S4 Late, S5, S6, & S7 | .. | 28 |
| Gonorrhoea | | .. | 588 |

Family Contacts Brought to Clinic:

| | | |
|---------------|----|-----|
| S1, S2, S3 | .. | 267 |
| S4 Early | .. | 35 |
| Syphilis Late | .. | 53 |
| Gonorrhoea | .. | 395 |

Family Contacts Found Positive:

| | | |
|----------------------------|----|-----|
| S1, S2, S3 | .. | 79 |
| S4 Early | .. | 17 |
| Syphilis Late | .. | 8 |
| Syphilis Congenital: Early | .. | 5 |
| " " Late | .. | 5 |
| Gonorrhoea | .. | 216 |

Family Contacts Treated for:

| | | |
|------------------------|----|-----|
| Syphilis Early | .. | 96 |
| Syphilis Late | .. | 8 |
| Syphilis Congenital | .. | 10 |
| Gonorrhoea | .. | 216 |
| Presumptive Gonorrhoea | .. | 154 |

Table No.VIICSources of Infection - Infectious Syphilis & Gonorrhoea
Central V.D.Clinic (Male Section) & Colombo Port V.D.C.

| Source | S1, S2, S3 | % | Gonorrhoea | % |
|--|------------|--------|------------|-------|
| Prostitutes, and Casual acquaintances } | 1502 | 76.6 | 2791 | 86.1 |
| Homosexual | 91 | 5.4 | 40 | 1.2 |
| Marital partners | 85 | 5.0 | 80 | 2.5 |
| Mistresses | 19 | 1.1 | 39 | 1.2 |
| Friends | 19 | 1.1 | 10 | 0.3 |
| Denies exposure | 15 | 0.9 | 42 | 1.3 |
| Not interviewed | 168 | 9.9 | 238 | 7.4 |
| Total: | 1699 | 100.00 | 3240 | 100.0 |

Table No.VIII
 Analysis of New Cases by Reasons for Attendance
 V.D. Clinics, Colombo - 1976

| Reason | S1,S2,S3 | | S4 | | Late | | Congen. | | Conorr- | | Presum. | | N.G.U. M | |
|--------------------------------------|----------|-----|-------|----|----------|----|---------|-------|---------|------|---------|-----|-------------|-----|
| | M | F | Early | F | Syphilis | M | F | Syph. | M | F | hoea | M | F | |
| Contact Investigation | 43 | 86 | 13 | 49 | 2 | 10 | | 3 | 2 | 12 | 315 | 306 | | 2 |
| Voluntary | 801 | 85 | 9 | 5 | 3 | 5 | | 2 | 1 | 1779 | 85 | 20 | | 145 |
| Special Surveys | - | - | 1 | - | - | - | | - | - | - | - | - | | - |
| Transferred from other clinics. | 3 | - | 1 | - | - | - | | - | - | 3 | - | - | | 6 |
| Referred by other Depts.& Physicians | 222 | 106 | 2 | 41 | 6 | 17 | | 2 | 18 | 299 | 52 | 11 | | 27 |
| Pre-employment Positives | 5 | - | 9 | - | 5 | - | | 5 | 2 | - | - | - | | - |
| Court Referrals | - | 7 | - | 12 | - | 1 | | - | 1 | - | 18 | - | | - |
| Health Education | 454 | - | 14 | - | 6 | - | | - | - | 912 | - | - | | 35 |
| Follow-up | 144 | 142 | 17 | 42 | 6 | 7 | | 1 | 2 | 128 | 327 | 10 | | 20 |
| Introduced by Patients | 27 | - | - | - | - | - | | 1 | - | 107 | - | - | | 7 |
| Epi-treatment | - | - | - | - | - | - | | - | - | - | - | - | | - |
| Total : 1699 | 426 | 66 | 149 | 38 | 40 | | 14 | 26 | 3240 | 797 | 347 | | 242 | |

Table No.VIII (contd.)

| Reason | Herpes | | Pro- | | Tricho- | | Other | | Non- | | Total | | | |
|--------------------------------------|--------|----|-----------|---|---------|----------|-------|----|------|---|-------|-----|------|------|
| | M | F | genitalis | M | F | moniasis | M | F | Yaws | M | F | M | F | |
| Contact Investigation | - | - | 1 | - | - | 176 | 1 | 1 | - | - | 101 | 169 | 178 | 1114 |
| Voluntary | 277 | 8 | 93 | - | 1 | 152 | 143 | 24 | - | - | 550 | 223 | 3803 | 608 |
| Special surveys | - | - | - | - | - | - | - | - | - | - | 1 | - | 3 | - |
| Transferred from other clinics | - | - | 1 | - | - | - | - | - | 1 | - | 18 | - | 32 | - |
| Referred by other Depts.& Physicians | 73 | 4 | 13 | - | 2 | 161 | 73 | 47 | - | - | 186 | 241 | 905 | 698 |
| Pre-employment positives | - | - | - | - | - | - | - | - | - | - | 10 | - | 34 | 2 |
| Court Referrals | - | - | - | - | - | 77 | - | 2 | - | - | 1 | 52 | 1 | 170 |
| Health Education | 31 | - | 9 | - | 4 | - | 26 | - | 1 | - | 74 | - | 1566 | - |
| Follow up | 19 | - | 9 | - | 4 | 544 | 18 | 25 | - | - | 110 | 11 | 476 | 1108 |
| Introduced by Patients | 37 | - | 6 | - | - | - | 3 | - | - | - | 23 | - | 211 | - |
| Epi-treatment | - | - | - | - | - | 1 | - | - | - | - | 1 | - | 2 | |
| Total : | 437 | 12 | 152 | - | 11 | 1111 | 264 | 97 | 2 | - | 1074 | 697 | 7209 | 3702 |

Table No. IX

Analysis of Serological Tests (New Cases)
Colombo Clinics - 1976

| | No. of Specimens | | | | % |
|---|------------------|----------|--------------|--------|--------|
| | Total | Reactive | Non-Reactive | Others | |
| Regular clinic cases | 5047 | 1433 | 3614 | - | 28.4 |
| De Soysa Maternity Hospital, Colombo | 7240 | 1781 | 5459 | - | 24.6 |
| Castle Street Maternity Hospital, Colombo | 8315 | 139 | 8176 | - | 1.7 |
| Municipal clinics | 7448 | 134 | 7314 | - | 1.8* |
| Pre-employment | 10648 | 201 | 10447 | - | 1.88 |
| Referred from other clinics | 10131 | 119 | 10012 | - | 1.17** |
| Rat-bite cases | 4455 | 98 | 4357 | - | 2.2*** |
| Police recruits | 4755 | 76 | 4679 | - | 1.6*** |
| Surveys: Hotels | 11549 | 87 | 11462 | - | 0.70.9 |
| Medical College | 8498 | 77 | 8421 | - | |
| University | 6529 | 648 | 5881 | - | 9.9 |
| | 8283 | 480 | 7803 | - | 5.8 |
| | 268 | 337 | 6 | 262 | 1.5 |
| | 568 | 1081 | 16 | 332 | |
| | 525 | 3 | 1065 | - | -1.48 |
| | 68 | - | 522 | - | 0.57 |
| | 6 | - | 68 | - | |
| | 6 | - | 6 | - | |
| Total: | 48372 | 2691 | 45681 | - | 5.56 |
| | 46867 | 2612 | 444255 | - | 5.57 |

* Corrected rate after excluding 23 false positives
and previously treated cases = 1.49 %.

** Corrected rate after excluding 41 false positives
and previously treated cases = 0.77 %.

*** Corrected rate after excluding 4 false positives
and previously treated cases = 1.5 %.

Table No. X

Analysis of Serological Tests for Syphilis (New Cases)
Outstation V.D. Clinics - 1976

| | Number of Specimens | | | | % |
|-------------------------|---------------------|----------|--------------|-------------|-----------------|
| | Total | Reactive | Non-Reactive | Others | |
| Regular Clinic cases | 11965 | 2021 | 9879 | 65 | 17.0 |
| Pre-natal * | 12778 | 2536 | 10181 | 61 | 20.0 |
| Pre-employment | 11471 | 78 | 11353 | - | 0.681.6* |
| Admission to Eye Hwards | 14938 | 240 | 14688 | 34 60 | 0.610.9 |
| Referred Cases | 10714 | 90 | 1452 | 102 145 | |
| Rat-bite cases | 10756 | 96 | 10515 | - | |
| Surveys: Village | 2149 | 48 102 | 1109 2047 | - | 4.1 4.7 |
| Blood Bank | 5210 | 5855 | 389375 | 16 48 | 7.5 6.4 |
| | 17 | - | 16 16 | - | - 6.0 |
| | 16 | 17 | - 1 | - | |
| | 1926 | 1809 | 34 58 | 1892 1751 | |
| | 52 | 837 | - 3 | 52 800 | |
| Total : | 46500 | 49189 | 2660 3411 | 43634 45430 | 290 217 348 7.0 |

* Corrected sero-reactive rate after exclusion of 124 false positives and previously treated cases = 0.81 %.

Table No.XI
Analysis of New Cases - 1976

| | Katugastota | | Kurunegala | | | | Jaffna | | | | Ragama | | Anuradhapura | |
|---------------------------|-------------|------|------------|-----|-----|-----|--------|-----|-----|-----|--------|-----|--------------|-----|
| | M | F | M | F | M | F | M | F | M | F | N | F | M | F |
| Sero-negative Prim. Syph. | 18 | - | 9 | 1 | 24 | 5 | - | - | 6 | 3 | 57 | 33 | 43 | 16 |
| Sero-positive Prim. Syph. | 222 | 55 | 59 | 21 | 142 | 61 | 41 | 19 | 67 | 19 | 93 | 50 | 111 | 35 |
| Secondary Syphilis | 89 | 74 | 45 | 27 | 14 | 13 | 2 | 11 | 11 | 6 | 11 | 16 | 9 | 8 |
| Latent Early Syphilis | 26 | 43 | 4 | 4 | 7 | 1 | 3 | 3 | 12 | 10 | 6 | 10 | 15 | 29 |
| Latent Late Syphilis | 20 | 11 | 13 | 6 | 6 | 7 | - | - | 11 | 6 | 10 | 5 | 3 | 1 |
| Neuro Syphilis | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Cardiovascular Syphilis | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Other Late " | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Congenital (under 2 yrs.) | - | - | - | - | 1 | 1 | - | - | - | - | - | - | 1 | 1 |
| " (over 2 yrs.) | 1 | 2 | 1 | - | - | 1 | - | - | - | 1 | - | - | 3 | 1 |
| Gonorrhoea | 589 | 177 | 128 | 14 | 330 | 75 | 53 | 5 | 249 | 78 | 196 | 18 | 252 | 141 |
| Presumptive Gonorrhoea | - | 143 | - | 23 | - | 73 | - | 13 | - | 43 | - | 95 | - | 65 |
| Non-gonococcal Urethritis | | | | | | | | | | | | | | |
| Cervicitis | 268 | 27 | 13 | - | 12 | - | 6 | 12 | 22 | 2 | 32 | 33 | 12 | - |
| Chancroid | 53 | 5 | 18 | 5 | 119 | 21 | 3 | 1 | 29 | 1 | 30 | 18 | 26 | 2 |
| Lympho-granuloma Venereum | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Granuloma Inguinale | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Herpes Progenitalis | 265 | 58 | 1 | - | 9 | 1 | 2 | - | 25 | - | 54 | 8 | 9 | 1 |
| Trichomoniasis | 9 | 103 | - | 13 | 7 | 160 | - | 24 | - | 1 | - | 8 | 1 | 5 |
| Other Venereal | 395 | 110 | 1 | - | 20 | 7 | 15 | 1 | 52 | 8 | 40 | 20 | 46 | 20 |
| Yaws Early | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Yaws Late | - | - | - | - | 5 | 1 | - | - | - | - | - | - | - | - |
| Non-venereal | 381 | 274 | 41 | 7 | 115 | 77 | 111 | 59 | 204 | 39 | 178 | 102 | 116 | 77 |
| Cases under observation | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Total : | 2341 | 1082 | 335 | 121 | 811 | 504 | 236 | 148 | 688 | 217 | 707 | 416 | 647 | 402 |

| | Ratnapura | | Galle | | Kegalle | | Matara | | Trincomalee | | Total | |
|----------------------------|-----------|-----|-------|-----|---------|-----|--------|-----|-------------|-----|-------|------|
| | M | F | M | F | M | F | M | F | M | F | M | F |
| Sero-negative Prim. Syph. | 14 | 2 | - | - | - | - | - | - | 49 | 4 | 220 | 64 |
| Sero-positive Prim. Syph. | 84 | 39 | 68 | 37 | 44 | 32 | 36 | 17 | 77 | 22 | 1044 | 407 |
| Secondary Syphilis | 20 | 15 | 4 | 4 | 5 | 2 | 14 | 7 | 6 | - | 230 | 183 |
| Latent Early Syphilis | 11 | 7 | 4 | 2 | - | - | - | 1 | - | - | 88 | 110 |
| Latent Late Syphilis | 3 | - | 10 | 10 | 4 | 6 | 19 | 10 | 8 | 1 | 107 | 63 |
| Neuro Syphilis | - | - | - | - | - | - | - | - | - | - | 2 | - |
| Cardiovascular syphilis | - | - | - | - | - | - | - | - | - | - | 1 | - |
| Other late syphilis | - | - | - | - | - | - | - | - | - | - | 3 | 1 |
| Congenital (under 2 yrs.) | - | - | 2 | - | - | 1 | - | - | - | - | 6 | 3 |
| " (over 2 yrs.) | 2 | - | - | - | - | - | - | - | - | - | 4 | 4 |
| Gonorrhoea | 162 | 121 | 129 | 80 | 89 | 2 | 156 | 36 | 205 | 36 | 2538 | 783 |
| Presumptive Gonorrhoea | - | 39 | - | 34 | - | 43 | - | 33 | - | 46 | - | 650 |
| Non-gonococcal ureth/cerv. | 106 | 168 | 8 | 4 | 17 | - | 9 | 20 | - | - | 505 | 266 |
| Chancroid | 113 | 2 | 16 | 3 | 95 | 21 | 65 | 8 | 30 | 7 | 597 | 94 |
| Lympho-granuloma Venereum | - | - | - | - | - | - | - | - | - | - | - | - |
| Granuloma Inguinale | - | - | - | - | - | - | - | - | - | - | - | - |
| Herpes Progenitalis | 75 | 3 | 5 | 1 | 11 | 1 | 15 | 1 | - | - | 471 | 74 |
| Trichomoniasis | 7 | 144 | - | - | 1 | 17 | - | 27 | - | - | 25 | 502 |
| Other Venereal | 83 | 16 | 34 | 10 | 93 | 18 | 56 | 10 | 25 | 12 | 860 | 232 |
| Yaws : Early | - | - | - | - | - | - | - | - | - | - | - | - |
| " Late | 1 | - | 3 | 2 | - | - | - | - | - | - | 9 | 3 |
| Non-venereal | 89 | 37 | 226 | 78 | 57 | 43 | 55 | 84 | 180 | 93 | 1753 | 970 |
| Cases under observation | - | - | - | - | - | - | - | - | - | - | - | - |
| Total : | 770 | 593 | 509 | 265 | 416 | 186 | 425 | 254 | 580 | 221 | 8463 | 4409 |

Table No.XII
Diagnostic Examination - 1976

| | Anuradhapura | | | Badulla | | | Kurunegala | | | Horana | | | Jaffna | | | Ragama | | |
|----------------------------|--------------|-------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | M | F | Total | M | F | Total | M | F | Total | M | F | Total | M | F | Total | M | F | Total |
| ear samples for Gonococcus | 378 | 486 | 864 | 200 | 87 | 287 | 385 | 388 | 773 | 90 | 94 | 184 | 435 | 82 | 517 | 366 | 614 | 980 |
| l cultures for Gonococcus | 9 | 218 | 227 | - | - | - | - | - | - | - | - | - | - | - | 350 | 350 | - | - |
| rkground for T.P. | 319 | 107 | 426 | 136 | 46 | 182 | 413 | 181 | 594 | 1 | 1 | 2 | 377 | 31 | 31 | 224 | 186 | 410 |
| ear for T.V. | 19 | 325 | 344 | 21 | 75 | 96 | 32 | 301 | 333 | 14 | 75 | 89 | 5 | 41 | 41 | - | 117 | 117 |
| ood samples for Syphilis | 4470 | 4278 | 8748 | 2049 | 2100 | 4149 | 3067 | 2310 | 5377 | 1041 | 1147 | 2188 | 3108 | 4846 | 4846 | 2125 | 2245 | 4370 |
| inal fluid for " | - | - | - | - | 2 | 2 | - | - | - | - | - | - | - | - | - | - | - | - |
| T.A. | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 5 | 25 | 30 | |
| T o t a l : | 5195 | 5414 | 10609 | 2406 | 2310 | 4716 | 3897 | 3180 | 7077 | 1146 | 1317 | 2463 | 3925 | 5350 | 9275 | 2720 | 3187 | 5907 |

Table No.XII (contd.)

| | Katugastota | | | Ratnapura | | | Galle | | | Kegalle | | | Trincomalee | | | Matara | | |
|----------------------------|-------------|-------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|-------------|
| | M | F | Total | M | F | Total | M | F | Total | M | F | Total | M | F | Total | M | F | Total |
| ear samples for Gonococcus | 720 | 556 | 1276 | 409 | 524 | 933 | 137 | 141 | 278 | 99 | 16 | 115 | 198 | 62 | 260 | 255 | 252 | 507 |
| l cultures for Gonococcus | 235 | 419 | 654 | 5 | 1 | 4 | - | - | - | - | - | - | - | - | - | - | - | - |
| rkground for T.P. | 379 | 152 | 531 | 85 | 7 | 92 | - | - | - | - | - | - | 140 | 27 | 167 | - | - | - |
| ear for T.V. | 472 | 352 | 804 | 10 | 520 | 530 | - | 2 | 2 | - | 37 | 37 | - | - | - | 4 | 249 | 253 |
| ood samples for Syphilis | 5996 | 3745 | 9741 | 2650 | 2887 | 5537 | 2063 | 2931 | 4994 | 1545 | 1145 | 2690 | 717 | 422 | 1139 | 2450 | 1818 | 4268 |
| inal Fluid for " | 9 | - | 9 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| T o t a l : | 7811 | 5204 | 13015 | 3157 | 3939 | 7096 | 2200 | 3074 | 5274 | 1644 | 1198 | 2842 | 1055 | 511 | 1566 | 2709 | 3319 | 5028 |

Table No.XIII

Follow-up Cases - 1976
Outstation Full-time V.D. Clinics

| | ANURADHAPURA | | | B A D U L L A | | | | | | H O R A N A | | | | | | J A F F N A | | | | | | | | |
|--|--------------|--------|------|---------------|----|---|-------|--------|------|-------------|----|---|-------|--------|------|-------------|----|---|-------|--------|------|------|----|-----|
| | Syph. | Gonor. | P.G. | Yaws | | | Syph. | Gonor. | P.G. | Yaws | | | Syph. | Gonor. | P.G. | Yaws | | | Syph. | Gonor. | P.G. | Yaws | | |
| | M | F | M | F | F | M | N | F | M | F | F | M | N | F | F | F | F | V | F | M | F | F | V | F |
| No. of patients under treatment at beginning of year. | - | - | - | - | - | - | 8 | 3 | - | - | - | - | 1 | - | - | - | - | 2 | 1 | - | - | - | - | |
| No. of patients starting treatment during the year. | 181 | 89 | 252 | 141 | 65 | - | 122 | 59 | 128 | 14 | 23 | - | 46 | 35 | 53 | 5 | 13 | - | 107 | 45 | 249 | 78 | 43 | 313 |
| No. of patients under treatment at end of the year. | - | - | - | - | - | - | 16 | 5 | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | |
| No. of patients completing treatment during the year. | 180 | 89 | 252 | 141 | 65 | - | 94 | 48 | 128 | 14 | 23 | - | 44 | 29 | 53 | 5 | 13 | - | 94 | 39 | 249 | 78 | 43 | 313 |
| No. of patients failing to complete treatment during the year. | - | - | - | - | - | - | 26 | 9 | - | - | - | - | 3 | 4 | - | - | - | 9 | 5 | - | - | - | - | |
| No. of patients transferred to other clinics for completing treatment. | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 5 | 2 | - | - | - | - | |
| No. of patients brought back and completed treatment. | 4 | 2 | - | - | - | - | 2 | 7 | - | - | - | - | - | - | - | - | - | 3 | 4 | - | - | - | - | |

(Continued)

Table No.XIII

Follow-up Cases - 1976
Outstation Full-time V.D. Clinics

| | R A G A M A | | | | RATNAPURA | | | | KURUNEGALA | | | | KATUGASTOTA | | | |
|--|-------------|--------|------|------|-----------|--------|------|------|------------|--------|------|------|-------------|--------|------|------|
| | Syph. | Gonor. | P.G. | Yaws | Syph. | Gonor. | P.G. | Yaws | Syph. | Gonor. | P.G. | Yaws | Syph. | Gonor. | P.G. | Yaws |
| | M | F | M | F | M | F | M | F | M | F | M | F | M | F | M | F |
| No. of patients under treatment at beginning of the year. | 4 | 5 | - | - | 8 | 3 | - | - | 3 | 1 | - | - | 12 | 7 | - | - |
| No. of patients starting treatment during the year. | 177 | 114 | 196 | 18 | 95 | - | 131 | 63 | 162 | 121 | 33 | 1 | 194 | 89 | 324 | 75 |
| No. of patients under treatment at end of the year. | - | - | - | - | - | 1 | - | - | - | - | - | - | - | 4 | 3 | - |
| No. of patients completing treatment during the year. | 159 | 106 | 196 | 18 | 95 | - | 103 | 50 | 162 | 121 | 33 | 1 | 197 | 90 | 324 | 75 |
| No. of patients failing to complete treatment during the year. | 19 | 6 | - | - | - | 35 | 16 | - | - | - | - | - | - | 5 | 5 | - |
| No. of patients transferred to other clinics for completing treatment. | 3 | 7 | - | - | - | 2 | - | - | - | - | - | - | - | 3 | 4 | - |
| No. of patients brought back and completed treatment. | 2 | 3 | - | - | - | - | - | - | - | - | - | - | - | 6 | 7 | - |

Table No. VIII (contd.)

Follow-up Cases - 1976
Outstation Full-time V.D. Clinics

| | G A L L E | | | | K E G A L L E | | | | TRINCONALEE | | | | M A T A R A | | | | | | | | | | | | |
|--|-----------|--------|------|------|---------------|--------|------|------|-------------|--------|------|------|-------------|--------|------|------|----|----|----|----|----|-----|----|----|----|
| | Syph. | Gonor. | P.G. | Yaws | Syph. | Gonor. | P.G. | Yaws | Syph. | Gonor. | P.G. | Yaws | Syph. | Gonor. | P.G. | Yaws | | | | | | | | | |
| | M | F | M | F | M | F | M | F | M | F | M | F | M | F | M | F | | | | | | | | | |
| No. of patients under treatment at beginning of year | 2 | 1 | -- | -- | 3 | 2 | -- | -- | 9 | 1 | -- | -- | 2 | 2 | -- | -- | | | | | | | | | |
| No. of patients starting treatment during the year | 79 | 54 | 129 | 80 | 34 | 5 | 2 | 50 | 34 | 89 | 2 | 43 | -- | 150 | 27 | 206 | 35 | 46 | -- | 66 | 37 | 156 | 36 | 33 | -- |
| No. of patients under treatment at end of the year. | -- | -- | -- | -- | -- | 4 | 3 | -- | -- | 4 | 1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| No. of patients completing treatment during the year. | 51 | 38 | 129 | 80 | 34 | 3 | 2 | 49 | 35 | 89 | 2 | 43 | -- | 101 | 17 | 206 | 35 | 46 | -- | 55 | 30 | 156 | 36 | 35 | -- |
| No. of patients failing to complete treatment during the year.. | 30 | 17 | -- | -- | -- | -- | -- | -- | -- | 33 | 10 | -- | -- | -- | -- | -- | -- | -- | 13 | 9 | -- | -- | -- | -- | |
| No. of patients transferred to other clinics for completing treatment. | -- | -- | -- | -- | -- | -- | -- | -- | -- | 1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| No. of patients brought back and completed treatment | 13 | 9 | -- | -- | -- | -- | -- | -- | -- | 35 | 6 | 3 | -- | -- | -- | -- | -- | -- | 6 | 4 | -- | -- | -- | -- | |

Table No.VIV

| | Anura-dhaphura | Badulla | Kurunegala | Ratnapura | Jaffna | Matara | Horana | Kegalle | Katugastota | Ragama | Trincomalce | Total |
|--------------------------------|----------------|---------|------------|-----------|--------|--------|--------|---------|-------------|--------|-------------|-------|
| <u>P Patients Interviewed:</u> | | | | | | | | | | | | |
| S1 | 47 | 9 | - | 29 | 15 | 9 | - | - | 18 | 47 | 34 | 208 |
| S2 | 120 | 80 | 92 | 203 | 100 | 85 | 40 | 22 | 61 | 229 | 98 | 43 |
| Ly | 16 | 74 | 7 | 27 | 28 | 17 | 17 | 11 | 5 | 127 | 15 | 3 |
| (S4 Early) | 25 | 8 | 4 | 8 | 12 | 16 | - | 4 | - | 38 | 5 | - |
| S4 Late, S5, S6, S7 | 1 | 19 | 19 | 14 | 5 | 15 | 17 | - | 8 | 30 | 3 | 1 |
| Gonorrhoea | 327 | 142 | 182 | 399 | 221 | 315 | 153 | 36 | 71 | 672 | 103 | 114 |
| <u>Extra-Marital Contacts:</u> | | | | | | | | | | | | |
| S1, S2, S3 | 88 | 111 | 114 | 122 | 29 | 88 | 47 | 59 | 55 | 308 | 172 | 27 |
| S4 Early | 2 | 3 | 3 | - | 2 | 1 | - | - | - | 31 | 3 | - |
| Gonorrhoea | 80 | 98 | 110 | 114 | 60 | 64 | 67 | 21 | 54 | 394 | 65 | 51 |
| S1, S2, S3 | 65 | 39 | 81 | 75 | 17 | 42 | 25 | 32 | 43 | 218 | 140 | 20 |
| S4 Early | 3 | 1 | - | - | - | - | - | - | - | 17 | 1 | - |
| Gonorrhoea | 84 | 32 | 81 | 76 | 42 | 53 | 38 | 6 | 39 | 271 | 58 | 42 |
| <u>Visited Clinic:</u> | | | | | | | | | | | | |
| S1, S2, S3 | 52 | 29 | 62 | 65 | 17 | 40 | 22 | 24 | 41 | 128 | 110 | 12 |
| S4 Early | 3 | 1 | - | - | - | - | - | - | - | 7 | - | 11 |
| Gonorrhoea | 81 | 18 | 54 | 66 | 38 | 52 | 30 | 4 | 36 | 196 | 46 | 27 |
| <u>Positive for:</u> | | | | | | | | | | | | |
| S1, S2, S3 | 21 | 22 | 34 | 43 | 8 | 15 | 10 | 4 | 22 | 44 | 42 | 7 |
| S4 Early | 6 | 2 | 2 | - | 1 | 8 | - | 1 | - | 11 | 2 | - |
| Late Syph. | - | - | - | - | - | - | - | - | - | 2 | - | - |
| Gonorrhoea | 38 | 3 | 36 | 35 | 15 | 25 | 18 | - | 9 | 96 | 10 | 19 |
| Under observation | - | - | - | - | - | - | - | - | - | - | - | - |
| <u>Results of Treatment:</u> | | | | | | | | | | | | |
| Syphilis early | 26 | 24 | 36 | 43 | 9 | 23 | 10 | 5 | 22 | 55 | 44 | 7 |
| Syphilis late | - | - | - | - | - | - | - | - | - | 2 | - | - |
| Gonorrhoea | 38 | 3 | 36 | 35 | 15 | 25 | 18 | - | 9 | 96 | 10 | 19 |
| Presumptive gonorrhoea | 32 | 11 | 18 | 13 | 19 | 26 | 12 | 3 | 36 | 82 | 39 | 7 |

Table No.XIV (continued)
Contact Interview and Investigation

| | Anura-dhapura | Badulla | Galle | Kurunegala | Ratna-putra | Jaffna | Natam | Ambar | Katugastota | Ragama | Trinco-malee | Total | |
|-------------------------------------|---------------|---------|-------|------------|-------------|--------|-------|-------|-------------|--------|--------------|-------|-----|
| <u>No. of Contact Slips Issued:</u> | | | | | | | | | | | | | |
| Syph. | 12 | 5 | - | 4 | 4 | 1 | - | 11 | - | 8 | 14 | 8 | 66 |
| (S1) | 32 | 33 | 15 | 58 | 40 | 21 | 7 | 17 | 21 | 81 | 30 | 20 | 375 |
| (S2) | | | | | | | | | | | | | |
| (S3) | 5 | 36 | 1 | 14 | 16 | 7 | 1 | 4 | 2 | 60 | 8 | - | 154 |
| Early | | | | | | | | | | | | | |
| (4 Early) | 9 | 4 | - | - | 6 | - | - | 3 | - | 29 | 2 | - | 53 |
| Late (S4 Late, S5, S6, S7) | 2 | 12 | 15 | 8 | 4 | 11 | 76 | - | 4 | 19 | 26 | 19 | 177 |
| Gonorrhoea | 84 | 49 | 29 | 145 | 111 | 66 | 32 | 12 | 9 | 133 | 61 | 61 | 792 |
| <u>No. of Family Contacts:</u> | | | | | | | | | | | | | |
| Brought to Clinic - | | | | | | | | | | | | | |
| S1, S2, S3 | 37 | 17 | 24 | 67 | 57 | 24 | 8 | 31 | 22 | 91 | 43 | 18 | 439 |
| S4 Early | - | 4 | - | - | 1 | - | - | 2 | - | 17 | 2 | - | 26 |
| Late Syph. | - | 38 | 55 | 20 | 2 | 21 | 88 | 10 | 7 | 73 | 7 | - | 321 |
| Gonorrhoea | 55 | 12 | 28 | 109 | 49 | 46 | 32 | 12 | 8 | 92 | 54 | 31 | 528 |
| and Positive for: | | | | | | | | | | | | | |
| S1, S2, S3 | 13 | 15 | 7 | 28 | 15 | 7 | 4 | 5 | 4 | 29 | 14 | 7 | 148 |
| S4 Early | 6 | 2 | 1 | - | - | 2 | 1 | 1 | - | 11 | 4 | - | 28 |
| Late Syph. | - | 2 | 1 | 1 | - | - | 1 | - | 2 | 1 | - | - | 8 |
| Cong. Syph. (Early) | - | - | 2 | 2 | - | - | - | - | 1 | - | - | - | 5 |
| " " (Late) | - | - | - | - | - | - | - | - | - | 2 | - | - | 2 |
| Gonorrhoea | 29 | 4 | 12 | 16 | 18 | 23 | 10 | - | 3 | 36 | 7 | 1 | 159 |
| ysis of Treatment : | | | | | | | | | | | | | |
| Syphilis Early | 19 | 17 | 8 | 28 | 15 | 9 | 5 | 5 | 4 | 40 | 17 | 7 | 174 |
| Syphilis Late | - | 2 | 1 | 1 | - | - | 1 | - | 2 | 1 | - | - | 8 |
| Cong. Syphilis | - | - | 2 | 2 | - | - | - | - | 1 | 2 | - | - | 7 |
| Gonorrhoea | 29 | 4 | 12 | 16 | 18 | 23 | 10 | - | 3 | 36 | 7 | 1 | 159 |
| Presumptive Gonorrhoea | 20 | 8 | 15 | 49 | 20 | 23 | 21 | 6 | 6 | 56 | 46 | 32 | 302 |

Table No. XV

Analysis of Cases - By Years

| Primary Syphilis | Seco- | Congeni- | Congeni- | Presump- | Other | Total Cases | | | | | | |
|---------------------|-------------------|------------------|--------------|----------|---------|----------------|--------|-----------|----------|------|--------|-------|
| | ndary Syphilis | Late Syphilis | Congeni- | | | | | | | | | |
| | | | tal Early | Late | Gonorr- | Gonorrhoea | N.C.U. | Chancroid | Venereal | T.V. | Herpes | |
| 451 | 183 | 1049 | 20 | 216 | 2831 | 546 | 1164 | 783 | 301 | - | - | 8150 |
| 485 | 205 | 1708 | 9 | 224 | 3052 | 407 | 1101 | 740 | 300 | - | - | 8296 |
| 362 | 199 | 1357 | 12 | 184 | 2770 | 418 | 1252 | 725 | 329 | - | - | 7612 |
| 357 | 170 | 1387 | 9 | 164 | 2528 | 424 | 1111 | 735 | 372 | - | - | 7244 |
| 424 | 279 | 960 | 7 | 113 | 2516 | 405 | 1084 | 654 | 389 | - | - | 6835 |
| 691 | 623 | 1164 | 7 | 164 | 2695 | 451 | 1212 | 773 | 506 | - | - | 7990 |
| 866 | 311 | 1194 | 11 | 130 | 3099 | 537 | 1132 | 681 | 501 | - | - | 8465 |
| 1119 | 325 | 1514 | 10 | 191 | 2711 | 561 | 696 | 928 | 607 | - | - | 8665 |
| 976 | 328 | 1630 | 6 | 244 | 3248 | 615 | 702 | 837 | 769 | - | - | 9439 |
| 730 | 288 | 1398 | 9 | 178 | 4048 | 802 | 657 | 787 | 797 | - | - | 9726 |
| 627 | 220 | 1432 | 18 | 194 | 3951 | 643 | 506 | 638 | 899 | - | - | 9149 |
| 522 | 153 | 1135 | 13 | 129 | 3949 | 690 | 670 | 769 | 1005 | - | - | 9043 |
| 692 | 153 | 1086 | 10 | 108 | 4980 | 779 | 608 | 1068 | 1105 | - | - | 10593 |
| 1248 | 260 | 847 | 5 | 78 | 8166 | 1154 | 988 | 1675 | 1963 | - | - | 16385 |
| 2390 | 610 | 562 | 6 | 35 | 8559 | 1283 | 1006 | 1674 | 3421 | 2 | - | 19546 |
| 5420 | 1266 | 245 | 19 | 58 | 7358 | 997 | 1013 | 1140 | 1453 | 1649 | 677 | 19285 |

Table XVI

Early Infectious Syphilis
Ceylon per 100,000 population
U.S.A. " " "
U.K. " " "

| <u>Years</u> | <u>Population</u> | <u>Ceylon</u> | <u>U.S.A.</u> | <u>U.K.</u> |
|--------------|-------------------|---------------|---------------|-------------|
| 1952 | 8,074,000 | 30.8 | 7.9 | - |
| 1953 | 8,290,000 | 8.4 | 6.3 | - |
| 1954 | 8,520,000 | 6.6 | 4.9 | - |
| 1955 | 8,723,000 | 6.8 | 4.1 | - |
| 1956 | 8,929,000 | 4.9 | 4.1 | - |
| 1957 | 9,165,000 | 4.3 | 3.8 | - |
| 1958 | 9,388,000 | 5.2 | 3.9 | - |
| 1959 | 9,625,000 | 3.9 | 4.7 | - |
| 1960 | 9,896,000 | 4.8 | 7.1 | - |
| 1961 | 10,168,000 | 6.1 | 10.4 | - |
| 1962 | 10,444,000 | 6.4 | 11. | - |
| 1963 | 10,714,000 | 5.2 | 11.9 | 6.3 |
| 1964 | 10,971,000 | 4.6 | 12.1 | 5.5 |
| 1965 | 11,232,000 | 6.2 | 12.3 | 6.9 |
| 1966 | 11,478,000 | 8.8 | 11.6 | 5.5 |
| 1967 | 11,740,000 | 10 | 10.8 | 5.3 |
| 1968 | 11,964,000 | 12 | 10.3 | 5.3 |
| 1969 | 12,221,000 | 10.6 | 9.3 | - |
| 1970 | 12,514,000 | 8.5 | - | - |
| 1971 | 12,747,000 | 6.6 | - | - |
| 1972 | 12,951,000 | 5.2 | 11.8 | - |
| 1973 | 13,180,000 | 6.5 | 12.1 | - |
| 1974 | 13,393,000 | 11 | 11.9 | - |
| 1975 | 13,900,000 | 21.5 | - | - |
| 1976 | 13,819,000 | 30 | - | - |

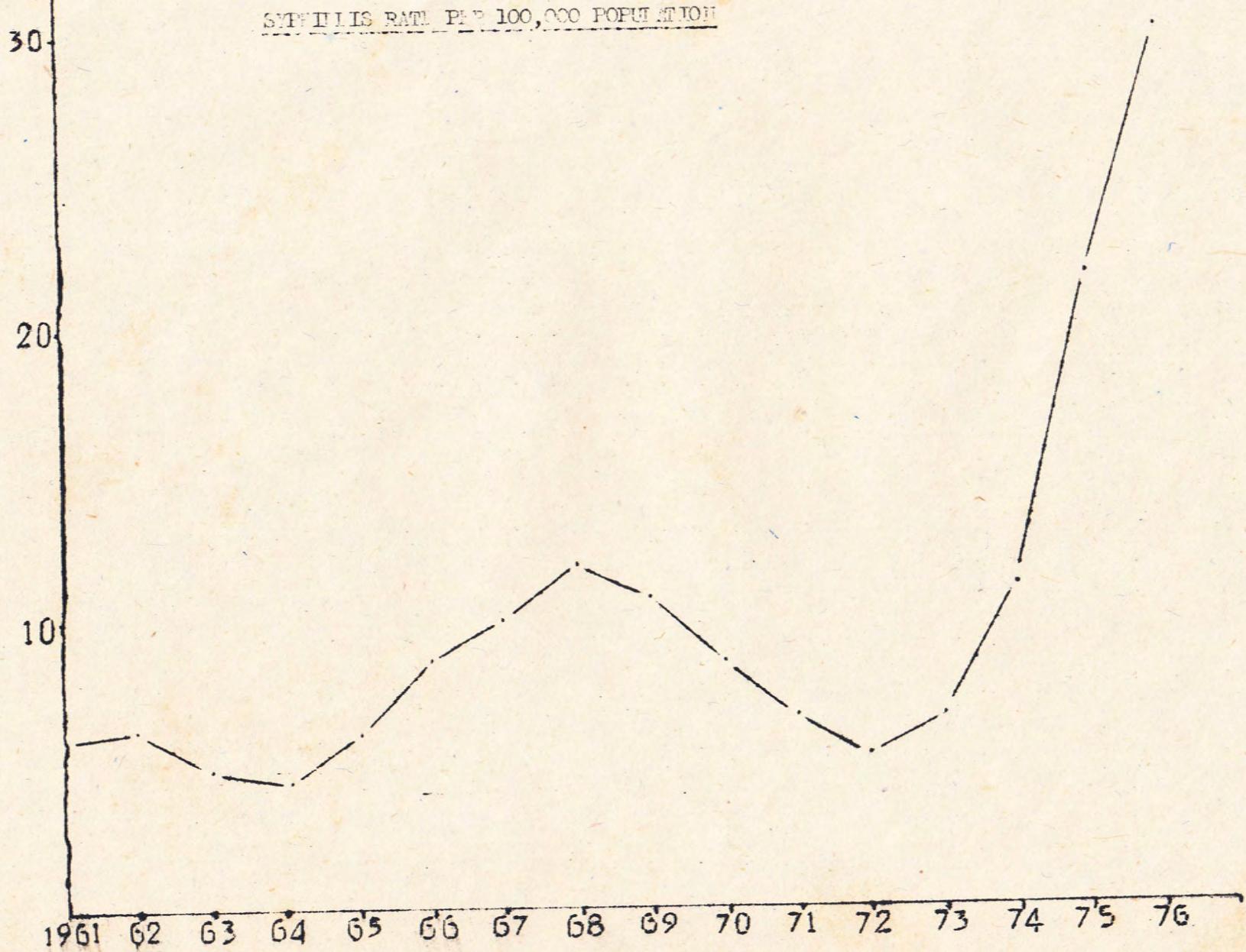


Table XVII

Gonorrhoea

Ceylon per 100,000 population
 U.S.A. per 100,000 population
 U.K. " " "

| <u>Years</u> | <u>Population</u> | <u>Ceylon</u> | <u>U.S.A.</u> | <u>U.K.</u> |
|--------------|-------------------|---------------|---------------|-------------|
| 1952 | 8,074,000 | 20.7 | 160.1 | - |
| 1953 | 8,290,000 | 20.5 | 150.7 | - |
| 1954 | 8,520,000 | 20.8 | 150.2 | - |
| 1955 | 8,723,000 | 20.7 | 140.9 | - |
| 1956 | 8,929,000 | 20.5 | 140.2 | - |
| 1957 | 9,165,000 | 20.3 | 130 | - |
| 1958 | 9,388,000 | 20.5 | 130.9 | - |
| 1959 | 9,625,000 | 20.6 | 130.7 | - |
| 1960 | 9,896,000 | 30. | 140. | - |
| 1961 | 10,168,000 | 20.7 | 140.7 | - |
| 1962 | 10,444,000 | 20.9 | 140.2 | - |
| 1963 | 10,714,000 | 20.6 | 140.6 | 140.5 |
| 1964 | 10,971,000 | 20.3 | 150.4 | 140.3 |
| 1965 | 11,252,000 | 20.2 | 160.3 | 140.5 |
| 1966 | 11,478,000 | 20.5 | 170.3 | 130.1 |
| 1967 | 11,740,000 | 20.6 | 190.3 | 160.2 |
| 1968 | 11,964,000 | 20.3 | 210.9 | - |
| 1969 | 12,221,000 | 20.6 | - | - |
| 1970 | 12,514,000 | 30.2 | - | - |
| 1971 | 12,747,000 | 30 | - | - |
| 1972 | 12,951,000 | 30 | 371.1 | - |
| 1973 | 13,180,000 | 38 | 392.2 | - |
| 1974 | 13,393,000 | 60 | 404.9 | - |
| 1975 | 13,900,000 | 61.6 | -- | - |
| 1976 | 13,819,000 | 52 | - | - |

Table XVIII

Annual Analysis of New Cases - 1976
Treated at Part-time V.D. Clinics*

| Institution | S Y P H I L I S | | | | | | Cases under Observation | Total |
|-------------|-----------------------------------|------------------------|-----------------------------|------------|---------------|-----------------|----------------------------|-------|
| | Early Infectious SI, S2, S3 | Other Late (4-7) | Con- genital Syphilis | Gonorrhoea | Other V.D. | Nen- Venerel | | |
| Gampola | 66 | 2 | 1 | 36 | 33 | 92 | - | 229 |

