

ADMINISTRATION REPORT

1984

Sexually Transmitted Diseases Control Programme



SRI LANKA

ADMINISTRATION REPORT OF VENEREAL
DISEASES CONTROL PROGRAMME

SRI LANKA

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V.D. CLINICS, 1984

(Scale: 24 miles to an inch)

- * Full-time V.D. Clinics
- o Part time " "
- + Branch " "
- @ Temporarily not functioning due to shortage of staff.

Locations marked on the map:

- Jaffna
- @ Vavuniya
- * Anuradhapura
- Trincomalee
- Batticaloa
- @ Ampara
- * Kurunegala
- @ Kuliyaipitiya
- * Kegalle
- @ Warakapola
- o Negombo
- * Ragama
- * Kalutawila
- * Ratnapura
- * Galle
- * Matara
- * Katala
- * Katugastota
- * Kandy
- @ Gampola
- @ Nawalapitiya
- * Badulla

- * Full-time V.D. Clinics
- o Part time " "
- + Branch " "
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* Anurādhapura

Trincomalee

Batticaloa

Chilam ②

• Kurungala

④ Kuliyaṇapitṭiya

③ Matalc

② Ampariti

* Katugastota

* Kegalle

* Kanōy

@ Warakapala

@ Gampola

* Badulla

o Negombo

@ Navalapitiya

* Ragama

Colombo

* Kalutowila

Pandura

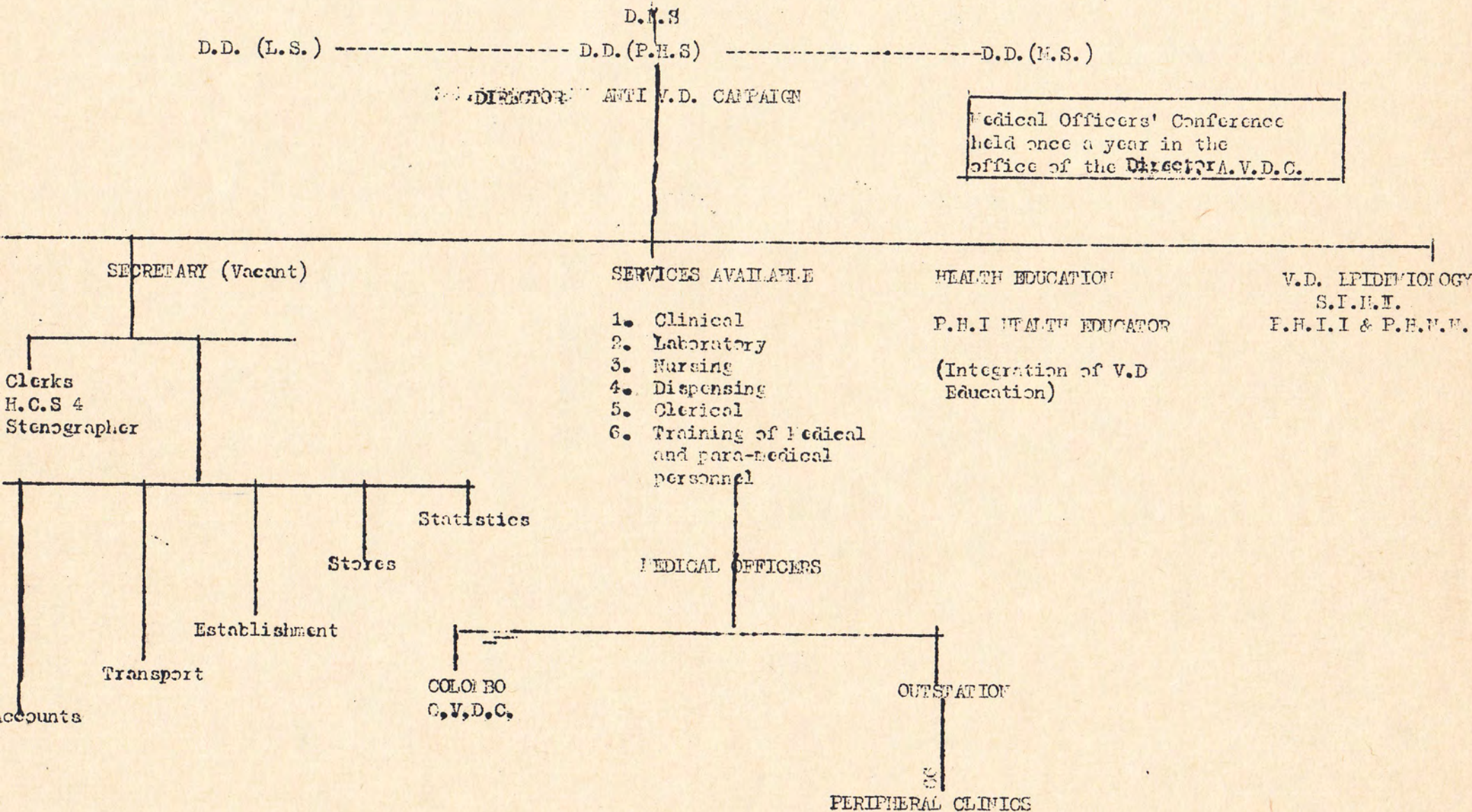
* Ratnapura

kalutara

Galle

*Matara

ORGANISATION CHART - ANTI-V.D. CAMPAIGN



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1. INTRODUCTION

The Venereal diseases are a group of diseases which are transmitted by sexual intercourse. These diseases may involve almost any part of the human body, but the majority of them can be cured if they are diagnosed early and if treatment is thorough. Ignorance and misunderstanding concerning the facts about these diseases are still very common in Sri Lanka, even in educated circles, and to overcome these problems successfully, it is essential that accurate, factual knowledge should be readily available.

2. PROBLEM

(i) Morbidity

639 cases of infections syphilis and 2,860 new cases of gonorrhoea were seen at the island's full-time clinics as compared with 616, and 2,880 respectively in the previous year.

However, it is important to note that these figures show the trend of the clinics but not the true picture as it is estimated that only around 20% of those infected attend the clinics.

The rate for 100,000 population for early infections syphilis 4.1 as compared with 4.0 in the previous year. Gonorrhoea cases recorded a rate of 18.3 as compared with 18.8 in the previous year.

The Colombo clinics recorded an increase of 20.4% in infectious Syphilis and 6.6% in Gonorrhoea over the previous year.

The 20 - 29 years age group accounted for 59.6% of all cases of early infections Syphilis and 61.4% of all cases of Gonorrhoea as compared with 60.8% and 63.6% respectively in the previous year.

The 10 - 19 year age group accounted for 7.3% of all cases of early infections syphilis as compared with 10.0% in the previous year - a decline of 2.7%.

Gonorrhoea cases in this age group accounted for 6.2% of the total cases of Gonorrhoea - a decline of .7%.

Contact investigations and health education activities contributed to the attendance of 59.2% of the cases of early infections Syphilis and 61.1% of the cases of Gonorrhoea in the Colombo clinics as compared with 57.5% and 59.0% in the previous year.

At the out-station clinics 255 new cases of early infectious syphilis and 1,421 new cases of Gonorrhoea were treated as compared with 297 and 1,530 respectively in the previous year - a decline of 14.1% in early infections and 7.1% in Gonorrhoea.

Control efforts may to an extent, have been retarded due to the introduction of private practice, resulting more and more patients going to private clinics, as such no follow-up if contacts being done with regard to those patients, and their contacts.

Secondly, some full-time V.D. clinics continue to function without the services of full-time medical officers - hence a drop in attendance.

(ii) Social Aspects

The highest attendance in the Colombo clinics recorded this year are traders and labourers. The traders accounted for 24.2% of all cases

Labourers accounted for 21.4% of all cases of infectious Syphilis and 18.1% of all cases of Gonorrhoea as compared with 27.5% and 20.4% respectively in the previous year.

Prostitutes and casual acquaintances together accounted for 66.8% of the sources of infection of cases of infectious syphilis and 78.2% of the cases of gonorrhoea as compared with 59.6% and 76.0% respectively in the previous year.

Sources of infection of homosexual origin were 8.5% for infectious syphilis and 4.0% for gonorrhoea as compared with 5.5% and 5.6% respectively in the previous year. This does not however give a true indication of infections of homosexual origin as most patients with homosexual exposures are reluctant to disclose the fact. Further there are inadequate V.D. services along the main homosexual belt.

3. ORGANISATION

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.

"Health Care Delivery Programme" of the S.T.D. includes, detection of cases and treatment, contact investigations, and contact tracing, tracing of defaulters and all V.D.R.L. reactives, ante-natal blood-testings, blood survey of vulnerable groups, health education and providing laboratory facilities for the investigations of cases of sexually transmitted diseases.

Change of Staff

- (i) Dr. G.H.A. Hewawasam who was appointed to the Central V.D. Clinic in 1983 resigned.
- (ii) Dr. D.O. Nicolle who served the Anti. V.D. Campaign for 29 years retired from service in December 1984. We record with appreciation Dr. Nicolle's services to the Anti V.D. Campaign especially those he rendered at a time when the Anti V.D. Campaign had no superintendent and only 3 venereologists in the country.
- (iii) Dr. G.N. Jayakuru was appointed Director of the Anti V.D. Campaign in July 84. In accordance with the recommendations made by V.H.O. Consultant Dr. S.J. Laird in 1968. Dr. Jayakuru conducts clinic sessions and takes part in teaching activities while functioning as the Director.
- (iv) Dr. (Mrs.) H.D.F.K. Senanayake was appointed to the Anti V.D. Campaign as a post graduate trainee from March 84.
- (v) Dr. (Mrs.) H. Ratnayake who had vacated the post rejoined the Anti V.D. Campaign and was posted to V.D. clinic Ragama with effect from September 84.
- (vi) Dr. T. Arulanandham was transferred on his request from V.D. C. Jaffna to C.V.D.C. Colombo from July 84.
- (vii) Dr. P.H.D.S. Mihal was appointed P.O/V.D.C. Negalle with effect from 16.01.1984.
- (viii) Dr. (Miss) Paramalarami Kumarappillai was appointed P.O/V.D.C. Jaffna with effect from 16.01.1984.
- (ix) Dr. M.B. Abeyratne was appointed P.O/V.D.C. Ratnapura with effect from 16.01.84.
- (x) Dr. L.P. Chandradasa was appointed P.O/V.D.C. Badulle with effect from 16.01.84.

4. 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.

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

This activity is further intensified with the V.D. Control Programme working in close collaboration with the Family Health Programme.

(b) Voluntary Organisations

Regular health educational programmes were carried out with the co-operation of voluntary organisations.

The campaign participated at Mahapola "Gam-Jedawa" and other health organisations conducted in Colombo and in out-stations.

5. ACTIVITIES

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

(a) Preventive

Contact investigations in respect of cases of infectious V.D. was carried out. - Tables VII, VIII AND XIV.

Reactive blood-testings of all admissions to Reform Houses, Prisons and Training Schools for youthful offenders and in Estates were continued.

(b) Curative

The standard treatment for gonorrhoea was procaine penicillin 3.6 - 4.8 mega-units for both males and females, preceded by the administration of 1 G. Probenecid orally.

All Syphilis cases were treated with Benzathine Penicillin 2.4 mega-units for S1, S2, S3 early syphilis and 2.4 x 3 mega units for early latent syphilis cases, and 2.4 x 4 mega units for late latent syphilis. All pregnant mothers with syphilis were treated with procaine penicillin 800,000 units IM x 12

6. EDUCATIONAL

The training of medical and para-medical personnel was continued at the central V.D. clinic and at Katugastota clinic.

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.

7. LABORATORY WORK

The laboratory services required for the activities of the Anti V.D. Campaign are provided by the Central Laboratory, in charge of a Bacteriologist. This 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 also entertain reference work from any other hospital or general practitioners all over the island. In Katugastota the laboratory work is under the control of the Venereologist.

The activities as far as the diagnosis of venereal diseases 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 gonococcal examination, smear discharges for Trichomonas vaginalis, routine urine examination, W.B.D/D.C etc., are performed at each V.D. clinic by the Pathologists or by the Venereologist-in-charge.

8. ACHIEVEMENTS

The island's ante-natal sero-activity rate is 0.55% as compared with 0.58% of the previous year.

Early congenital syphilis cases have also declined, from 10 cases last year to 07 cases this year.

The male-female ratio for infectious syphilis is 4.1:1 and in gonorrhoea is 4.6:1.

9. SPECIAL STUDIES, RESEARCH & SURVEYS

All isolates of gonococci are monitored for penicillinase production and intensive surveillance activities are initiated when P.P.N.G Stains are isolated.

10. INTERNATIONAL ASSISTANCE

----- N I L -----

11. FUNDINGS

		Project 7 <u>Veneral Diseases Control</u>	
		Rs.	Rs.
01. <u>Personal Emoluments</u>			
(1) Salaries and wages		2,805,000	
(2) Overtime and holiday pay		35,000	
(4) Uniform Allowances		10,000	
(8) Cost of Living Allowance		355,000	
(9) Other Allowance		<u>220,000</u>	
			<u>3,225,000</u>
02. <u>Travelling Expenses</u>			
(1) Travelling Expenses - Local		140,000	
(2) Change of Station Travelling Expenses - Local		<u>10,000</u>	
			<u>1,50,000</u>
03. <u>Syphilis and Requisites</u>			
(1) Stationary and office Requisites		30,000	
(2) Fuel and Lubricants		135,000	
(5) Medical Supplies		210,000	
(i) Drugs	Rs. 180,000		
(ii) Others	Rs. <u>30,000</u>		
(7) Uniforms (including tailoring charges)		25,000	
(9) Other items of stores		<u>30,000</u>	
			<u>450,000</u>
04. <u>Repairs and Maintenance of Capital Assets</u>			
(1) Repairs and Maintenance of Vehicles, machinery and equipment.		<u>40,000</u>	
			<u>30,000</u>

05. Transportation, Communication
Utility and other services

	Rs.	Rs.
(1) Transportation	1,5000	
(2) Communication	8,500	
(3) Utility	5,000	
(4) Rates & Taxes	27,000	
(5) Other Services	<u>4,000</u>	
(a) BTT	13,500	<u>45,000</u>
(b) Customs Duty	<u>13,500</u>	

12. CONCLUSION

V.D. Control activities were maintained satisfactorily during the year under review.

Infectious syphilis registered a 3.6% increase over the previous year, while gonorrhoea cases showed a decline by 0.6%.

The rate per 100,000 population for infectious syphilis was 4.1 as compared with 4.0 in the previous year.

The rate per 100,000 population for gonorrhoea was 18.3 as compared with 18.8 with previous year.

Rapid changes occurring in the socio-economic conditions of the country are bound to have an impact on the future problem of V.D. A few dedicated specialist officers in the campaign alone cannot adequately cope with this problem. It requires efforts over a wider front involving other public health personnel in the field.

13. ACKNOWLEDGEMENTS

The Director, Anti-V.D. Campaign wishes to place on record his deep appreciation of the co-operation and assistance he has received from those in the Department of Health Services as well as out side, towards the V.D. Control Programme.

S.N. Jayakuru

Dr. G.N. Jayakuru

Director

ANTI V.D. CAMPAIGN.

Table I

Attendance by Years - Central V.D. Clinic, Colombo
V.D. Cases - 1984

Year	M A L E S			F E M A L E S		
	First Visit	Subsequent Visit	Total Visits	First Visit	Subsequent Visit	Total Visits
1978	5,025	20,406	25,431	2,589	7,752	10,341
1979	4,727	16,038	20,765	2,123	7,354	9,477
1980	5,025	13,670	18,695	1,686	5,952	7,638
1981	5,061	12,174	17,235	1,482	4,020	5,502
1982	5,267	11,727	16,994	1,519	3,953	5,472
1983	3,847	8,175	12,022	1,183	3,280	4,463
1,984	4,520	7,495	12,015	1,216	3,079	4,295

Table II

Analysis of New Cases - 1984

	C.V.D.C.		TOTAL	
	Males	Females	Males	Females
Syphilis:-				
S1 - Sero negative Primary	37	04	41	
S2 - Sero positive Primary	233	27	260	
S3 - Secondary	61	22	83	
S4 - Latent: Early	48	79	127	
" Late	84	45	129	
S5 - Neuro-syphilis	01	-	01	
S6 - Cardiovascular syphilis	-	-	-	
S7 - Other late syphilis	01	-	01	
S8 - Congenital: Early (under 2 yrs)	03	02	05	
" Late (over 2 yrs)	01	-	01	
Gonorrhoea	1264	175	1439	
Presumptive gonorrhoea	-	54	54	
Non-gonococcal urethritis/cervicitis	612	31	643	
Chancroid	160	02	162	
Lympho granuloma Venereum	01	01	02	
Reiters Disease	01	-	01	
Trichomonas Vaginalis	02	278	280	
Other Venereal	412	198	610	
Herpes Progenitalis	595	55	650	
Yaws: Early	-	-	-	
" Late	-	-	-	
Ophthalmia Neonatorum	-	01	01	
Non-venereal	1004	242	1246	
Total ..	4520	1216	5736	

Table III

Distribution of Cases by Age Groups - Syphilis
Gonorrhoea & Presumptive Gonorrhoea
Colombo Clinics - 1964.

	0-2 yrs		3-9 yrs.		10-14 yrs.		15-19yrs.		20-24yrs.		25-29 yrs.	
	M	F	M	F	M	F	M	F	M	F	M	F
S1, S2, S3	-	-	-	-	-	01	19	08	101	19	90	11
S4 Early	-	-	-	-	-	-	08	07	11	38	11	14
Syphilis Late	-	-	-	-	-	-	-	-	09	13	18	12
Congenital Syph,	03	02	-	-	-	-	-	-	-	-	-	-
Gonorrhoea	04	02	-	-	-	-	65	25	426	52	302	44
Presumptive gonorrhoea	-	-	-	-	-	-	-	11	-	12	-	17

Table III (Contd.)

	30-34yrs.		35-39yrs.		40-49yrs.		50-59yrs.		Over 60yrs.		Total	
	M	F	M	F	M	F	M	F	M	F	Males	Females
S1, S2, S3	54	05	35	03	25	05	04	01	03	-	331	53
S4 Early	13	10	05	06	04	03	01	01	-	-	48	79
Syphilis Late	23	08	15	12	11	-	07	-	03	-	86	45
Cong. Syphilis	01	-	-	-	-	-	-	-	-	-	04	02
Gonorrhoea	202	27	98	12	90	09	16	04	01	-	1264	175
Presumptive Gonorrhoea	-	13	-	01	-	01	-	-	-	-	-	55

Table No.IV

Distribution of Cases by Occupation - 1984
Colombo Clinics - Male Section

	S1, S2, S3	S4 Early	Late Syphilis	Congenital Syphilis	Gonorrhoea
Bus conductors	01	-	01	-	16
Barbers	02	-	-	-	-
Blacksmiths	-	-	-	-	-
Carpenters	07	-	02	-	24
Clerks	09	04	02	01	36
Cobblers	01	-	-	-	01
Cultivators	02	-	02	-	03
Domestics	01	-	-	-	02
Drivers	21	04	10	-	90
Firemen	-	-	-	-	-
Fish Vendors	07	-	01	-	15
Food Handlers	03	-	-	-	30
Goldsmiths	-	-	-	-	-
Labourers	82	12	22	-	270
Laundrymen	-	-	-	-	01
Lawyers	-	-	-	-	-
Masons	04	01	02	-	12
Mechanics	19	02	05	-	83
Overseers	-	-	-	-	07
Painters	00	-	-	-	02
Peons	01	01	03	-	09
Planters	-	-	-	-	-
Police & Prison Officials	01	-	-	-	05
Priests	-	-	-	-	-
Salesmen	-	-	-	-	01
Seamen	-	-	01	-	08
Security	08	02	02	-	40
Soldiers	09	-	01	-	13
Students	05	02	01	-	16
Tailors	-	-	-	-	01
Teachers	-	-	-	-	01
Traders	93	08	16	-	334

Table No.V
Central Laboratory Technical Reports for 1984
Colombo Clinics

<u>S.T.S. - V.D.R.L.</u>					<u>Males</u>	<u>Females</u>	<u>Total</u>
No. of cases for first test	...				3693	595	4288
" " " Reactive	...				469	179	648
" " " Non-reactive	...				3224	416	3640
Total No. of V.D.R.L. done	...				13,462	18,041	31,503
" " " " Reactive	...				1,048	633	1,681
" " " " Non-reactive	...				12,414	17,408	29,822
No. of C.S.F. Samples	...				-	-	166
" " " Positive for Syphilis	...				-	-	01
No. of Smear for G.C.	...				3,086	1,425	4,511
" " " found positive for G.C.	...				1,301	110	1,411
No. of Smears for D.G. Examination for T.P.	...				923	141	1,064
" " " Positive for T.P.	...				189	25	214
No. of smears for T.V.	...				175	1,333	1,508
" " " Positive for T.V.	...				08	309	317
No. of Culture for G.C.	...				2,567	1,562	4,129
" " " Positive for G.C.	...				1,130	153	1,283
<u>F.T.A. & T.P.H.A.</u>							
Total No. of Ante-natal Cases for F.T.A.	...				-	-	-
" " " " " Reactive	...				-	-	-
No. of ante-natal cases for T.P.H.A.	...				-	-	157
" " " " " Reactive	...				-	-	91
Total No. of Regular Clinic Cases for F.T.A.	...				35	20	55
" " " " " " Positive	...				15	06	21
" " " " " " for T.P.H.A.	...				274	172	446
" " " " " " Positive	...				149	83	237
<u>Antibiotic Sensitivity M.I.C.</u>							
Penicillin	...				-	-	-
Ampicillin	...				-	-	-
Tetracyclin	...				-	-	-
Spectromycin	...				-	-	-
Kanamycin	...				-	-	-
Others	...				-	-	-
B.Lactamase	...				1,130	153	1,283
No. Positive	...				-	-	78
<u>Urine</u>							
Bile Pigments	...				-	-	-
Albumin	...				738	41	779
Sugar	...				738	41	779
Deposits	...				738	41	779
No. of Blood for W.B.C. and D.C.	...				-	-	-
" " " " E.S.E.	...				-	-	-
" " " " M.F. & M.P.	...				-	-	-

Table V (Continued)

S.H.S. Colombo

Total No. of Cases for V.D.R.L.	...	16,362
" " " " Reactive	...	419
No. of Anti-natal cases from M.O.H. Divisions	...	168
" " " " " Reactive	...	00
No. of Blood Donors for V.D.R.L.	...	6,044
" " " " Reactive	...	168

Other S.H.SS.

Total No. of Cases for V.D.R.L.	...	1,017
" " " " Reactive	...	13
No. of Anti-natal cases from M.O.H. Divisions	...	088
" " " " " Reactive	...	00
No. of Blood Donors for V.D.R.L.	...	513
" " " " Reactive	...	04

Table No. VI

Treatment Completed at the Colombo Clinics

	<u>1 9 8 0</u>		<u>1 9 8 1</u>		<u>1 9 8 2</u>		<u>1 9 8 3</u>		<u>1 9 8 4</u>	
	M	F.	M	F	M	F	M	F	M	F
Syphilis	786	266	560	178	505	188	425	122	421	107
Gonorrhoea	1690	502	1673	245	1641	179	1192	158	1264	175
Presumptive gonorrhoea	01	91	-	70	-	74	-	66	-	55

Table No.VII

Contact Investigation - Extra-marital Contacts
Colombo Clinic - 1984.

No. of Patients interviewed:-

Syphilis Early :	S1	..	37
	S2	..	218
	S3	..	58
	S4 Early	..	81
Syphilis Late	S4 Late; S5; S6; S7	..	69
Gonorrhoea	..	..	1189

Extra-marital Contacts Named:-

	S1, S2, S3	..	95
	S4 Early	..	15
	Gonorrhoea	..	211
"	"	"	<u>Traced:-</u>
	S1, S2, S3	..	49
	S4 Early	..	06
	Gonorrhoea	..	126
"	"	"	<u>Brought to Clinic:-</u>
	S1, S2, S3	..	29
	S4 Early	..	07
	Gonorrhoea	..	77
"	"	"	<u>Found Positive for:-</u>
	S1, S2, S3	..	14
	S4 Early	..	04
	Syphilis Late	..	-
	Gonorrhoea	..	46
	Presumptive gonorrhoea	..	18
"	"	"	<u>Treated for:-</u>
	Syphilis Early	..	18
	Syphilis late	..	1
	Gonorrhoea	..	46
	Presumptive gonorrhoea	..	18

1. Contact Index: (Approximate number of contacts obtained from each case of primary and secondary syphilis interviewed) .. 0.50
2. Epidemiological Index: (Approximate number of syphilis infections identified in the contacts of each primary and secondary syphilis patient interviewed) .. 0.06
3. Brought to treatment Index: (Approximate number of syphilis infections brought to treatment among contacts of each primary and secondary syphilis patient interviewed) .. 0.09
4. Lesion to Lesion Index: (Approximate number of primary and secondary syphilis infections brought to treatment among contacts of each primary and secondary syphilis patient interviewed) .. 0.04

Table No.VIIB

Investigation of Family Contacts
Colombo Clinics - 1984

Contact Slips Issued:-

Syphilis Early:	S1	..	..	10
	S2	..	..	26
	S3	..	..	20
	S4 Early	..	..	26
Syphilis Late:	S4 Late, S5, S6, S7	..	..	37
Gonorrhoea	..	..	..	160

Family Contacts Brought to Clinic:-

S1, S2, S3	..	..	27
S4 Early	..	..	18
Syphilis Late	..	..	11
Gonorrhoea	..	..	90

Family Contacts Found Positive for:-

S1, S2, S3	..	..	04
S4 Early	..	..	10
Syphilis Late	..	..	07
Congenital Syphilis - Early	..	..	02
" " Late	..	..	-
Gonorrhoea	..	..	23

Family Contacts Treated for:-

Syphilis Early	..	..	13
Syphilis Late	..	..	06
Congenital Syphilis	..	..	02
Gonorrhoea	..	..	23
Presumptive gonorrhoea	..	..	56

Table No.VIIC

Sources of Infection - Infectious Syphilis & Gonorrhoea
Central V.D.Clinic (Male Section) 1984

Sources	S1, S2, S3	%	Gonorrhoea	%
Prostitutes, and Casual acquaintances	221	66.8	988	78.2
Homosexual	28	8.5	51	4.0
Marital partners	06	1.8	14	1.1
Mistresses	07	2.1	09	0.7
Friends	-	-	-	-
Denies exposures	09	2.7	34	2.6
Not Interviewed	60	18.1	168	13.4

Table No.VIII

Analysis of New Cases by Reasons for Attendance
V.D.Clinic Colombo - 1984.

	<u>S1,S2,S3</u>		<u>S4 Early</u>		<u>Late Syphilis</u>		<u>Congen. Syphilis</u>		<u>Gonorrhoea</u>		<u>Presumptive Gonorrhoea</u>		<u>F.G.U.</u>		<u>Chancroid</u>	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Contact Investigation	02	07	06	09	07	01	01	-	05	56	-	43	05	09	-	-
Voluntary	231	11	12	05	31	06	01	-	976	24	-	03	403	10	123	-
Special surveys	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Transferred from other clinics	-	-	-	-	-	-	-	-	02	-	-	-	-	-	01	-
Referred from other departments and physicians	40	10	02	18	09	23	02	02	87	13	-	03	62	05	21	-
Pre-employment	02	07	02	-	14	01	-	-	-	-	-	-	-	-	-	-
Court referrals	10	06	03	24	02	09	-	-	05	56	-	-	01	-	-	-
Health education	07	-	05	-	02	-	-	-	52	-	-	-	35	-	05	-
Follow up work	39	19	16	23	21	05	-	-	137	46	-	06	106	07	10	02
Introduced by other Patients	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Epi-treatment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total ...	331	53	48	79	86	45	04	02	1264	175	-	55	6612	31	160	02

Table No.VIII (continued)

Analysis of New Cases by Reasons for Attendance
V.D.Clinic, Colombo - 1984.

	<u>L.G.V.</u>		<u>Reiter's Disease</u>		<u>Tricho-moniasis</u>		<u>Other Venereals</u>		<u>Herpes Progeni-tails</u>		<u>Yaws</u>		<u>Non Venereals</u>		<u>Total</u>	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Contact Investigation	-	-	-	-	-	07	02	06	02	02	-	-	31	22	61	162
Voluntary	-	-	-	-	01	40	302	66	440	19	-	-	747	74	3267	258
Special surveys	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Transferred from other clinics	-	-	-	-	01	-	01	-	-	-	-	-	01	-	06	-
Referred by other departmental physicians	01	01	01	-	-	22	55	48	80	19	-	-	156	81	516	246
Pre-employment positives	-	-	-	-	-	-	-	-	-	-	-	-	07	-	25	01
Court referrals	-	-	-	-	-	93	14	24	04	02	-	-	35	59	74	253
Health education	-	-	-	-	-	-	08	-	17	-	-	-	09	-	140	-
Follow-up work	-	-	-	-	-	116	30	53	52	13	-	-	18	06	431	296
Introduced by Patients	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Epi-treatment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total ...	01	01	01	-	02	278	412	197	595	55	-	-	1004	242	4520	1216

Table IX
Analysis of Serological Tests (New Cases)
Colombo Clinic - 1984.

	N o of S p e c i m e n s				% Reactive
	Total	Reactive	Non Reactive	Others	
Regular clinic cases ..	4,288	648	3,640	-	15.0
De Soysa Maternity Hospital	5,328	46	5,282	-	0.86 *
Colombo ..	8,800	88	8,712	-	1.01 **
Castle Street Maternity	8,800	84	8,716	-	1.01 **
Hospital, Colombo. ..	4,022	51	3,971	-	1.2 ***
Colombo Central Maternity	nil	-	-	-	-
Hospital ..	4,022	51	3,971	-	1.2 ***
Municipal Clinics ..	7,809	37	7,772	-	0.5
Pre-employment ..	1,191	49	1,142	-	4.1
Referred from other Clinics	120	01	119	-	0.8
Rat-bite cases ..	nil	-	-	-	-
Vagrants ..	nil	-	-	-	-
Estates ..	1,153	02	1,151	-	0.1
Service Personnel (Police)	-	-	-	-	-
Special Surveys (Blood Bank)	-	-	-	-	-
Hotels ..	-	-	-	-	-
University ..	-	-	-	-	-
Total ..	32,211	9813	31,293	-	2.7

* Corrected rate after excluding 24 false positives and previously treated cases = 0.41

** Corrected rate after excluding 25 false positives and previously treated cases = 0.71

*** Corrected rate after excluding 04 false positives and previously treated cases = 1.1

Table No.X
Analysis of Serological Tests for Syphilis (New Cases)
outstation V.D.Clinics - 1984.

	N o of S p e c i m e n s				% Reactive
	Total	Reactive	Non Reactive	Others	
Regular Clinic Cases ..	5,437	554	4,881	02	10.1
Pre-natal ..	12,767	50	12,717	-	0.4
Pre-employment ..	11,393	46	11,349	03	0.4
Admission to Eye Clinics	46	03	43	-	6.5
Referred Cases ..	3,486	167	3,317	02	4.7
Rat-bite cases ..	-	-	-	-	-
Surveys - Estates ..	367	02	365	-	0.5
" (Ratndpurna) ..	1,817	08	1,809	-	0.4
Blood Bank (Matara) ..	6,641	87	6,554	-	1.3
Cluster Surveys (Katugastota) ..					
cc Total ..	41,959	917	41,035	07	2.2.

Table No.XI

Analysis of New Cases - 1984
Outstation Full-time V.D. Clinics

	Anura- dhapura		Padulla		Galle		Jaffna		Kalu- bowila		Katugas- sota	
	M	F	M	F	M	F	M	F	M	F	M	F
Sero-negative Prim. Syphilis	07	-	04	-	05	-	01	-	06	01	07	01
Sero-positive Prim. Syphilis	-	-	02	01	10	04	02	-	06	07	53	24
Secondary Syph.	01	-	01	02	02	-	-	-	08	05	08	02
Latent early syphilis	-	06	01	04	14	23	04	01	02	06	35	32
" late "	-	-	03	01	09	06	-	-	04	03	08	05
Neuro syphilis	-	-	-	-	-	-	-	-	-	-	01	01
Cardiovascular syphilis	-	-	-	-	-	-	-	-	-	-	01	-
Other late syphilis	-	-	-	-	-	-	-	-	-	-	-	-
Congenital syph. (under 2 yrs.)	-	-	-	-	01	-	-	-	-	-	01	-
" " (over 2 yrs.)	-	-	-	-	-	01	-	-	-	-	02	01
Gonorrhoea	45	-	23	01	186	166	73	07	56	09	385	65
Presumptive gonorrhoea	-	14	-	04	-	12	-	07	-	05	-	02
Non-gonococcal urethritis cervicitis	02	-	-	-	11	02	09	01	30	09	173	43
Chancroid	01	-	02	01	32	03	05	01	02	04	53	04
Lympho-granuloma Venereum	-	-	-	-	-	-	-	-	-	-	-	-
Trichomonas Vaginalis	-	01	-	-	-	-	-	05	-	-	-	100
Reiters Disease	-	-	-	-	-	-	-	-	-	-	-	-
Other venereal	49	04	02	10	54	41	12	09	27	34	57	31
Herpes progenitalis	04	-	-	-	-	-	07	03	27	12	157	27
Granuloma Inguinale	-	-	-	-	-	-	-	-	-	-	07	-
Taws - Early	-	-	-	-	-	-	-	-	-	-	-	-
" Late	-	-	-	-	-	-	-	-	-	-	-	-
Non Venereal	40	24	10	03	87	34	07	10	73	86	254	118
Total ..	149	49	43	32	411	292	120	44	241	181	1202	523

	Kegalle		Kurun- gala		Matara		Ragama		Ratna- pura		Total	
	M	F	M	F	M	F	M	F	M	F	M	F
Sero-negative Primary Syph.	-	-	05	-	01	-	01	-	02	01	39	03
" positive "	08	10	20	07	07	03	01	-	03	-	112	56
Secondary syphilis	07	01	02	01	-	-	02	01	02	-	33	12
Latent early syphilis	01	02	14	11	02	-	-	-	03	02	76	87
" late "	01	01	10	09	-	01	04	-	-	-	39	26
Neuro syphilis	-	-	-	-	-	-	-	-	01	-	01	02
Cardiovascular syphilis	-	-	-	-	-	-	-	-	-	-	01	-
Other late syphilis	-	-	-	-	-	-	-	-	-	-	-	-
Congenital syph. (under 2 yrs.)	-	-	-	-	-	-	-	-	-	-	02	-
" " (over 2 yrs.)	-	-	02	05	-	-	02	-	-	-	04	09
Gonorrhoea	110	58	76	11	49	04	29	05	38	25	1070	351
Presumptive gonorrhoea	02	20	01	05	-	03	-	06	-	01	03	146
Non-gonococcal urethritis cervicitis	06	03	34	01	01	03	16	02	24	17	306	81
Chancroid	32	05	27	03	08	02	03	-	05	-	170	23
Lympho-granuloma Venereum	-	-	-	-	-	-	-	02	-	-	02	-
Trichomonas Vaginalis	-	17	-	66	-	-	-	12	-	08	-	209
Reiters Disease	-	-	-	-	-	-	-	-	-	-	-	-
Other venereals	04	37	06	01	02	-	12	06	11	02	236	175
Herpes progenitalis	08	04	69	32	03	03	17	05	40	10	337	99
Granuloma Inguinale	-	-	-	-	-	-	-	-	01	-	08	-
Taws - Early	-	-	-	-	-	-	-	-	-	-	-	-
" Late	-	-	02	-	-	-	-	-	-	-	02	-
Non venereal	04	12	01	03	02	02	01	01	01	01	02	01

Table No. XII

Diagnostic Examination - 1983
Outstation Full-time V.D. Clinics

	Anuradhapura			Badulla			Galle			Jaffna			Kalubowilla			Kandy			Matara		
	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total
for Gonococcal	48	05	53	30	22	52	180	257	446	108	38	146	131	267	398	912	497	1409			
for Gonococcal	-	-	-	-	-	-	04	01	05	-	-	-	-	-	-	56	20	76			
ground for T.P.	20	-	20	-	-	-	39	05	42	08	05	13	23	48	71	148	15	163			
for T.V.	-	01	01	01	21	22	07	31	38	30	35	65	01	157	158	99	493	592			
samples for Syph.	1322	847	2469	370	1585	2455	1340	5000	6340	1281	1278	2559	358	390	748	8060	5680	13740			
fluid for Syph.	-	-	-	-	-	-	27	21	48	-	-	-	-	-	-	116	17	133			
& R.T.H.A. Tests	-	-	-	03	03	06	-	-	-	-	-	-	-	48	48	-	-	-			
Total ..	1690	853	2543	900	1635	2535	1906	5313	7219	1429	1356	2783	578	910	1423	9391	6722	16113			

	Kegalle			Kurunegala			Matara			Ragam			Ratnapura		
	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total
for Gonococcal	149	212	361	123	640	763	78	38	116	44	45	89	151	91	242
ures for Gonococcal	-	-	-	-	640	640	-	-	-	-	-	-	-	-	-
ground for T.P.	-	-	-	108	23	133	-	-	-	46	20	66	226	20	46
for T.V.	-	207	207	04	639	643	-	38	38	-	45	45	-	119	119
samples for syph.	1212	1845	3057	2861	3459	6320	2843	606	3449	647	1735	2382	1161	2526	3689
fluid for syph.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
H.A. tests	-	-	-	-	-	-	-	-	-	02	05	07	-	-	-
Total ..	1361	2264	3625	3996	5403	8499	2921	682	3603	739	1850	2589	1338	2756	4094

Follow-up of Cases - 1983

Outstation Full-time V.D. Clinics

	K LUBOWILA						KATUGASTOTA						K. E. G. A. K. I. E						KURUNEGALA									
	Syph. Gonorr. P.G. Yaws						Syph. Gonorr. P.G. Yaws						Syph. Gonorr. P.G. Yaws						Syph. Gonorr. P.G. Yaws									
	M	F	M	F	F	M	F	M	F	M	F	F	M	F	M	F	M	F	F	M	F	M	F	F	M	F		
patients under treatment at the beginning of year.	..	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
patients starting treatment during the year.	..	23	22	53	09	05	-	113	65	385	65	69	-	-	17	14	109	53	22	-	-	53	33	76	11	06	02	-
patients under treatment at the end of the year.	..	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
patients completing treatment during the year.	..	13	18	53	09	05	-	113	65	385	65	69	-	-	17	14	109	53	22	-	-	53	33	76	11	06	02	-
patients failing to complete treatment during year.	..	13	04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
patients transferred to other clinics for continuation of treatment	..	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
patients brought back to complete treatment.	..	09	03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

Follow-up of Cases - 1984

		M A T A R A						R A G A M A						R A T N A P U R A											
		Syph.		Gonorr.		P.G.		Yaws		Syph.		Gonorr.		P.G.		Yaws		Syph.		Gonorr.		P.G.		Yaws	
		M	F	M	F	M	F	M	F	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.	..	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
No. of patients starting treatment during the year.	..	10	04	49	04	03	-	-	-	08	03	29	05	06	-	-	-	10	04	38	25	01	-	-	-
No. of patients under treatment at the end of the year.	..	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
No. of patients completing treatment during the year.	..	10	04	49	04	03	-	-	-	08	03	29	05	06	-	-	-	10	04	38	25	01	-	-	-
No. of patients failing to complete treatment during the year.	..	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
No. of patients transferred to other clinics for completion of treatment	..	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
No. of patients brought back and completed treatment	..	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table No. XIV

Contact Interviews and Investigations - 1984
Outstation Full-time V.D. Clinics.

	Anura- dhapura	Badulla	Galle	Jaffna	Kalu- bowila	Katugas- tota	Kegalle	Kuruna- gala	Matara	Ragama	Ratna- pura	Total
<u>Number of Patients Interviewed:</u>												
Syph. (S1)	7	4	5	1	8	8	-	-	1	1	1	41
Syph. (S2)	-	3	13	2	11	72	18	1	7	1	1	143
Early (S3)	1	3	2	-	3	10	7	-	-	3	-	32
(S4 Early)	5	5	23	5	1	67	2	1	1	-	2	123
Late (S4, S5, S6, S7, Gonorrhoea)	-	4	4	-	-	13	1	1	1	-	-	33
	41	19	261	74	29	437	165	6	43	54	44	1223
<u>Number of Extra-Marital Contacts:</u>												
Traced: S1, S2, S3	4	5	6	1	10	8	19	3	5	3	1	94
S4 Early	-	-	6	-	-	7	2	-	-	-	-	16
Gonorrhoea	18	18	91	9	14	37	144	23	30	25	8	430
Traced: S1, S2, S3	3	7	3	-	6	6	15	3	5	2	1	77
S4 Early	14	-	4	-	-	6	1	-	-	-	-	12
Gonorrhoea	14	10	54	9	5	15	109	22	40	17	5	300
Brought to Clinic:												
S1, S2, S3	3	5	4	-	5	6	13	22	-	2	-	60
S4 Early	-	-	4	-	-	1	-	1	-	-	-	06
Gonorrhoea	13	10	49	4	5	15	92	19	10	10	4	231
Found Positive:												
S1, S2, S3	1	1	-	-	3	5	4	5	1	-	-	20
S4 Early	3	4	1	-	-	-	-	5	-	-	-	13
Late Syph.	-	1	-	-	-	-	-	2	-	-	-	03
Gonorrhoea	1	-	42	3	4	13	49	8	1	5	4	130
<u>Analysis of Treatment:</u>												
Syphilis Early	4	5	1	-	3	5	4	10	1	-	-	33
Syphilis Late	-	1	-	-	-	-	-	2	-	-	-	03
Gonorrhoea	1	-	42	3	4	13	49	8	1	5	4	130
Presumptive Gonorrhoea	9	4	6	1	2	2	7	1	2	2	2	31

Table No. IV (continued)

Contact Interview and Investigation
Outstation Full-time V.D. Clinics

	Anura- dhapura	Badulla	Galle	Jaffna	Kalu- Kovil	Katugas- tota	Kegalle	Kuruna- gala	Matara	Ragama pura	Total
<u>of Contact Slips Issued</u>											
(S1	-	3	1	-	-	1	-	2	-	1	07
(S2	-	2	3	2	4	12	4	9	3	-	39
Syph. (S3	1	1	-	-	1	-	1	1	-	1	06
Early (S4 Early	1	2	6	2	-	1	1	10	-	-	23
Syph.L. (S4 Late, S5, S6, S7	-	4	-	-	-	-	-	15	-	-	19
Gonorrhoea	13	9	24	25	4	32	54	43	12	7	233
<u>of Family Contacts - brought to Clinic:</u>											
S1, S2, S3	-	6	7	1	4	10	5	12	2	2	49
S4 early	1	-	3	1	-	1	-	8	-	-	14
Late Syphilis	-	5	-	-	-	-	-	19	-	-	24
Gonorrhoea	7	5	23	17	1	13	44	42	3	7	169
<u>ound Positive for:</u>											
S1, S2, S3	-	1	1	-	1	6	-	3	-	-	12
S4 Early	-	-	3	-	-	1	-	1	-	-	05
Late syphilis	-	-	-	-	-	-	1	2	-	-	03
Cong. Syph. (Early)	-	-	-	-	-	-	-	-	-	-	-
" " (Late)	-	-	-	-	-	-	-	-	-	-	-
Gonorrhoea	-	2	21	6	2	7	26	3	1	2	75
<u>alysis of Treatment</u>											
Syphili s Early	-	1	4	-	1	7	-	4	-	-	17
Syphilis Late	-	-	-	-	-	-	1	2	-	-	03
Cong. Syphilis	-	-	-	-	-	-	-	-	-	-	-
Gonorrhoea	-	2	21	6	2	7	26	3	1	2	72
Presumptive gonorrhoea	7	-	2	6	-	6	14	5	2	4	47

Table No. XV

Analysis of Cases - By Years

Year	Primary Syphilis	Secondary Syphilis	Late Syphilis	Congenital Early	Congenital Late	Gonorrhoea	Presumptive Gonorrhoea	Non Gonococcal Urethritis/ Cervicitis	Chancroid
1968/69	976	328	1,639	06	244	3,248	615	782	837
1969/70	730	233	1,398	09	178	4,048	802	657	787
1970/71	627	220	1,432	18	194	3,951	643	506	638
1971/72	522	158	1,153	13	129	3,949	690	670	739
1973	692	153	1,086	10	108	4,980	779	608	1,068
1974	1,348	260	847	03	78	8,166	1,154	988	1,673
1975	2,390	610	562	06	35	8,559	1,283	1,006	1,674
1976	3,420	1,266	245	19	38	7,358	897	1,013	1,140
1977	2,836	771	651	28	43	5,003	599	631	1,021
1978	2,146	583	995	38	45	3,761	394	673	1,186
1979	1,269	436	1,095	36	24	3,085	384	590	700
1980	870	317	988	15	15	3,425	327	756	601
1981	727	237	767	26	19	3,532	346	727	847
1982	629	188	761	08	10	3,728	297	805	831
1983	456	160	5573	10	20	2,880	272	669	488
1984	511	128	490	07/	14	2,860	203	1,650	355

Table No. XV. (continued)

Analysis of Cases by Years

Year	T.V.	Herpes	Reiters Disease	L. G. V.	Yaws Early	Yaws Late	Granuloma Inguinale	Other Venereals	Optic- neuro- tropia	Total
68/69	-	-	-	-	-	-	-	700	-	9438
69/70	-	-	-	-	-	-	-	700	-	9726
70/71	-	-	-	-	-	-	-	899	-	9149
71/72	-	-	-	-	-	-	-	1005	-	9043
73	-	-	-	-	-	-	-	1105	-	10593
74	-	-	-	-	-	-	-	1963	-	10385
75	2	-	-	-	-	-	-	3421	-	19548
76	1649	677	-	-	-	-	-	1453	-	19285
77	1408	656	-	-	-	-	-	1081	-	14728
78	1164	406	4	1	1	6	-	1321	-	12723
79	919	344	4	-	1	4	-	955	-	9046
80	786	651	01	03	-	-	-	950	-	9705
81	688	677	08	03	-	01	-	834	-	9430
82	625	963	03	01	-	-	-	930	-	9779
83	597	672	01	02	0	01	12	922	-	7735
84	489	1086	01	04	-	02	08	1021	01	8210

Table No. XVII

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>
1959 ..	9,625,000	5.2	3.9.9	-
1960 ..	9,826,000	4.8	4.7	-
1961 ..	10,168,000	6.1	10.4	-
1962 ..	10,444,000	6.4	11.0	-
1963 ..	10,714,000	5.2	11.9	6.5
1964 ..	10,971,000	4.6	12.1	5.5
1965 ..	11,232,000	6.2	12.5	6.9
1966 ..	11,478,000	8.8	11.6	5.5
1967 ..	11,740,000	10.0	10.8	5.3
1968 ..	11,964,000	12.0	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	11.0	11.9	-
1975 ..	13,496,000	21.5	-	-
1976 ..	13,717,000	30.0	-	-
1977 ..	13,940,000	24.8	-	-
1978 ..	14,181,000	19.2	-	-
1979 ..	14,471,000	12.0	-	-
1980 ..	14,600,000	8.2	-	-
1981 ..	14,850,000	6.5	-	-
1982 ..	15,102,000	5.4	-	-
1983 ..	15,600,000	4.0	-	-
1984 ..	15,609,000	4.1	-	-

SYPHILIS

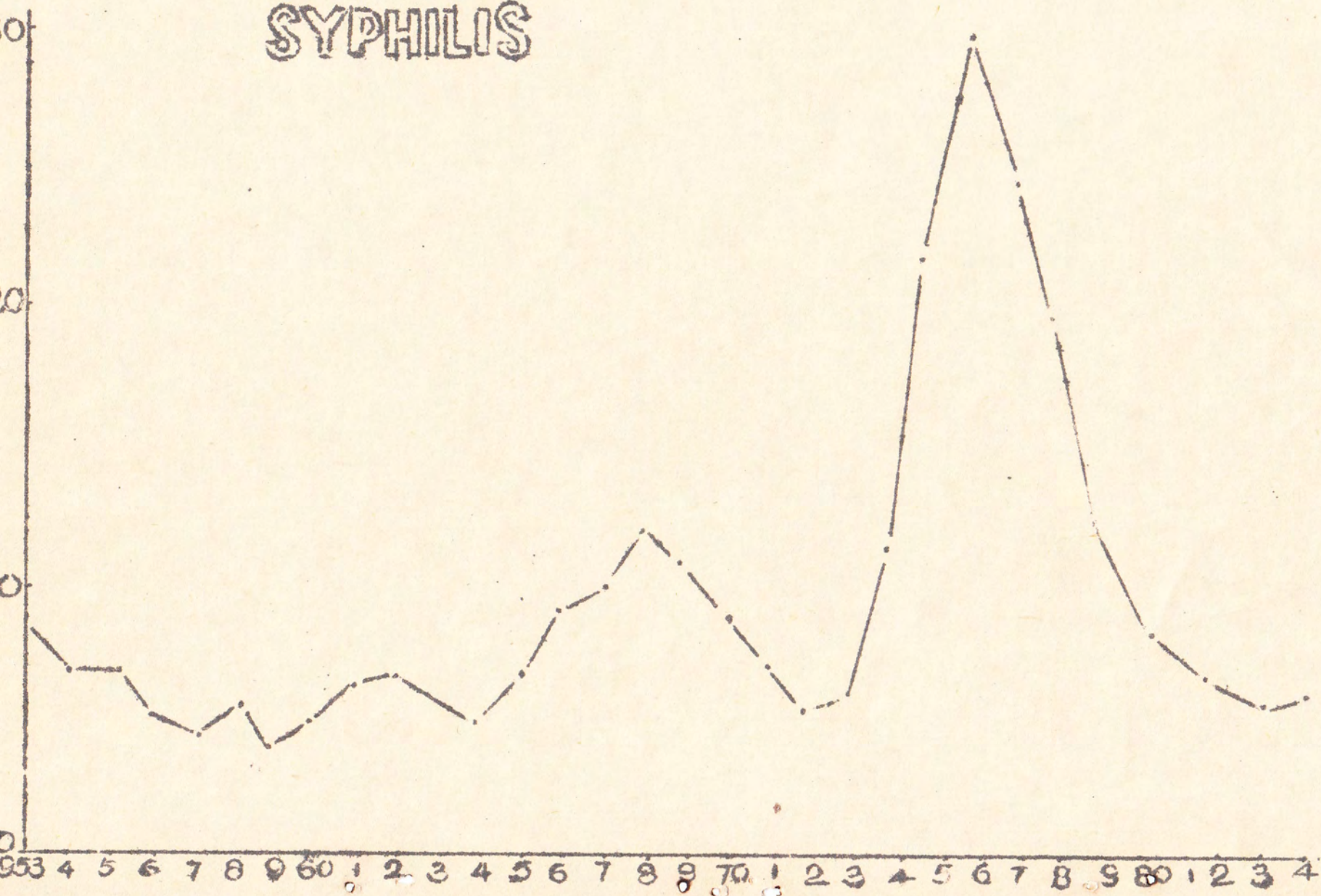


Table No. XVIII

Gonorrhoea

Ceylon per 100,000 population

U.S.A. " " "

U.K. " " "

<u>Year</u>		<u>Population</u>	<u>Ceylon</u>	<u>U.S.A</u>	<u>U.K.</u>
1959	..	9,625,000	20.6	130.7	-
1960	..	9,896,000	30.0	140.0	-
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	..	11,232,000	20.2	160.3	140.5
1966	..	11,478,000	20.3	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	31.0	-	-
1972	..	12,951,000	30.0	371.1	-
1973	..	13,180,000	32.0	392.2	-
1974	..	13,393,000	60.0	404.9	-
1975	..	13,496,000	61.6	-	-
1976	..	13,317,000	52.0	-	-
1977	..	13,940,000	34.5	-	-
1978	..	14,181,000	26.9	-	-
1979	..	14,471,000	21.3	-	-
1980	..	14,500,000	23.6	-	-
1981	..	14,850,000	23.7	-	-
1982	..	15,102,000	24.6	-	-
1983	..	15,300,000	18.8	-	-
1984	..	15,609,000	18.3	-	-

GONORRHOEA

