

Annual report on the ophthalmic section.

Contributors

Egypt. Maṣlaḥat al-Ṣiḥḥah al-'Umūmīyah. Ophthalmic Section.

Publication/Creation

Cairo : Govt. Press, [1933]

Persistent URL

<https://wellcomecollection.org/works/ak3ntdbf>

License and attribution

This work has been identified as being free of known restrictions under copyright law, including all related and neighbouring rights and is being made available under the Creative Commons, Public Domain Mark.

You can copy, modify, distribute and perform the work, even for commercial purposes, without asking permission.



Wellcome Collection
183 Euston Road
London NW1 2BE UK
T +44 (0)20 7611 8722
E library@wellcomecollection.org
<https://wellcomecollection.org>

HC II
MINISTRY OF THE INTERIOR, EGYPT

Department of Public Health

Ophthalmic Section

**Twenty First Annual Report
of the Ophthalmic Section,
for 1933**



Government Press, Cairo, 1935

GOVERNMENT PUBLICATIONS are on sale at the "Sale Room"
Ministry of Finance. Correspondence relating to these Publi-
cations should be addressed to the "PUBLICATIONS OFFICE"
Government Press, Bâliq, Cairo.

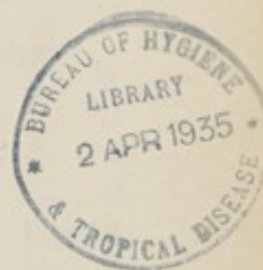
Price - - - - - P.T. 10.



Department of Public Health

Ophthalmic Section


Twenty First Annual Report
of the Ophthalmic Section,
for 1933



Government Press, Cairo, 1935.

GOVERNMENT PUBLICATIONS are on sale at the "Sale Room,"
Ministry of Finance. Correspondence relating to these Publi-
cations should be addressed to the "PUBLICATIONS OFFICE,"
Government Press, Bôlâq, Cairo.

Price - - - - - P.T. 10.



Digitized by the Internet Archive
in 2019 with funding from
Wellcome Library

<https://archive.org/details/b31497810>

Index of Ophthalmic Report for the Year 1933

FOREWORD.

| | PAGE |
|--|------|
| New Units | 1 |
| Ophthalmic Units decided in the Budget 1934-1935 | 1 |
| Projects on the way of construction | 1 |
| Projects under consideration | 2 |
| Clinical Work | 2 |
| Blindness | 2 |
| Age of Patients | 2 |
| School Clinics | 2 |
| Expenditure | 3 |
| Accommodation | 3 |
| Post-graduate Course of Ophthalmology | 3 |
| Providing the Ophthalmic Hospitals with up-to-date Appliances | 3 |
| The 14th International Ophthalmological Congress at Madrid... .. | 3 |
| The Ophthalmological Society of Egypt | 3 |
| Interesting Cases in 1933 | 4 |

HOSPITAL STATISTICS.

TABLE

| | |
|--|----------|
| I.—Technical Work done at all Ophthalmic Hospitals | 8 |
| II.—List of Diseases | 9 |
| III.—Causes of Optic Atrophy | 13 |
| IV.—List of Operations | 14 |
| V.—Number of New Patients treated and Operations performed at all Ophthalmic Hospitals in 1933 | 16 |
| VI.—Average Number of Operations per Month at all Ophthalmic Hospitals in 1933 ... | 17 |
| VII.—New Patients treated according to the Age at which they sought Treatment ... | 18 |
| VIII.—New Patients treated per Month | 18 |
| Temperature and Number of New Patients Treated | Diagram. |
| IX.—Average Temperature | 19 |
| X.—Synopsis of Work of all Ophthalmic Hospitals since 1930... .. | 19 |
| XI.—Causes of Blindness | 20 |
| XII.—Total Percentage of Blindness in one or both Eyes since 1930 | 21 |
| XIII.—Blindness among Out-Patients since 1909 | 24 |
| XIV.—Yearly Percentage of Blindness among Ophthalmic Hospital Patients since 1909 | 25 |
| XV.—Primary Glaucoma | 25 |
| XVI.—Incidence of Primary Glaucoma since 1923 | 26 |
| XVII.—Pathological Report | 27 |
| XVIII.—Wassermann Test | 28 |
| XIX.—Result of Examination for Diphtheria Specimens | 28 |
| XX.—Number of Beds at all Ophthalmic Hospitals | 29 |
| XXI.—Cost of Uniform Diets for the In-Patients of the Ophthalmic Hospitals during 1933, excluding Cost of Rations for Employés... .. | 30 |
| XXII.—Sources of Provision of Ophthalmic Hospitals | 31 |
| XXIII.—Actual Expenditure 1933, General Administration | 32 |
| XXIV.—Actual Expenditure 1933, Government Ophthalmic Hospitals | 32 |
| XXV.—Actual Expenditure 1933, Government Ophthalmic Hospitals (per Unit) | 33 |
| XXVI.—Actual Expenditure 1933, Provincial Council Ophthalmic Hospitals (per Unit) ... | 33 |
| XXVII.—Comparison of the Cost of Maintenance of a Permanent Ophthalmic Hospital in 1914 and 1933 | 34 |

SCHOOL STATISTICS (SCHOOL SESSION, 1933-1934)

| TABLE | PAGE |
|--|------|
| I.—(a) Condition of Conjunctiva (Beginning of the Year) | 36 |
| (b) Condition of Conjunctiva (End of the Year) | 37 |
| II.—(a) Effect of Treatment on Serious Stages of Trachoma | 38 |
| (b) Stages of Trachoma at Beginning and End of School Year | 38 |
| III.—(a) Trachoma and its Relation to School Years... .. | 39 |
| (b) Comparison of Serious Stages of Trachoma I and II (Beginning of the Year) | 40 |
| IV.—Vision of All Pupils without Spectacles | 40 |
| V.—Spectacles ordered | 41 |
| VI.—Number of Pupils ordered Spectacles not greater in Strength than ± 6 Diopters and by their use got Good or Fair Vision | 41 |
| VII.—Condition of Cornea before Treatment | 42 |
| VIII.—Comparison of Corneal Opacity among Pupils of Tanta Primary School in the Years 1914-1915 and 1933-1934 | 42 |
| Map showing Ophthalmic Units in Egypt | 43 |

Annual Report of the Ophthalmic Section, 1933

Foreword

NEW UNITS

During this year, the following Ophthalmic Units were opened : a Travelling Ophthalmic Hospital belonging to the Government for Gharbia Province, two permanent Ophthalmic Hospitals belonging to Gharbia Provincial Council, one at Zifta and the other at Fowa instead of its Travelling Ophthalmic Hospital, and three Ophthalmic Branches in the following General Hospitals at Delingat, Saff and Edfou ; the number of the Ophthalmic Units reaching thereby 57 (of which 43 are permanent and 14 travelling). This number shows an increase of 5 Units over that of 1932 and 34 Units over that of 1923. They are shown in detail in table No. 22 (page 31).

It is worth mentioning that ophthalmic treatment in the Ophthalmic Branch at Berreim (Kom Hamada Dist.) is carried out in an old building endowed by the late Shourbagy Bey for this purpose ; but the Government, having found that this building requires great expenses from time to time for repairs and alterations, built a new hospital containing an Ophthalmic Branch at Kom Hamada to which the treatment will be removed from Berreim during 1934.

OPHTHALMIC UNITS PROVIDED FOR IN THE BUDGET OF 1934-1935

(1) *Ophthalmic Hospital at Samalout.*

The Government granted the annual expenditure of this hospital which is under construction. The hospital is expected to be taken over by this Department and treatment commenced before the end of 1934.

(2) *Ophthalmic Hospital at Edfina.*

This Hospital is being built by the Royal Wakfs and is expected to be taken over and work started during 1934. The Government granted its annual expenditure.

(3) *Four New Ophthalmic Branches at the following General Hospitals.*

Sherbin, Wasta, Simbillawein and Deirout. They are expected to be opened for work about the end of 1934.

PROJECTS ON THE WAY OF CONSTRUCTION

(1) *In-patients' Section at both Mahalla el Kubra and Kafr el Zayat Ophthalmic Hospitals.*

Gharbia Provincial Council decided to establish these two Sections at its expense and they are expected to be completed during 1934.

(2) *Ophthalmic Hospital at Kafr el Sheikh.*

Gharbia Provincial Council decided to establish this hospital at its expense and hand it over, after being built and equipped, to the Government to maintain it at its expense. The Ministry of Finance approved this and the State Buildings Department is preparing the necessary plans and estimates of the project.

PROJECTS UNDER CONSIDERATION.

1. Enlarging the Ophthalmic Section at Demerdash Hospital.
2. Enlarging the Ophthalmic Section at Alexandria Hospital.
3. Enlarging the Ophthalmic Hospitals at Fayoum, Benha, Assiut and Sohag.

The patients attending at the above Units have increased to such a degree that these units have become inadequate to meet the requirements of treatment. The Department is taking into consideration the question of enlarging them. These projects are still under investigation.

(4) *Establishing an Ophthalmic Hospital at Abal Wakf.*

This hospital is mentioned in the endowment of the late Aly Fahmy Kamel Bey and the Department is taking the necessary steps for obtaining the credits required for its building and equipment.

CLINICAL WORK.

The following table shows the clinical work done in 1933 as compared with that of 1932:

| | 1932 | 1933 | Increase in 1933 |
|---------------------------------|-----------|-----------|---------------------|
| | | | Per cent. |
| New Patients | 714,551 | 825,304 | 15 |
| In-patients | 23,128 | 25,728 | 11 |
| Operations | 242,365 | 277,424 | 14 |
| Out-patients attendances | 5,711,654 | 6,677,911 | 17 |

BLINDNESS

The number of patients who were found blind in one or both eyes, excluding cataract cases causing blindness, was 54,218 or 6·4 per cent of all patients examined at the Ophthalmic Hospitals. By adding the cataract cases causing blindness, the percentage becomes 6·7.

The pathological causes of blindness are detailed in table No. XI where it is shown that acute ophthalmias form 80 per cent of all causes. The gonococcus is still the predominant factor of infection with acute ophthalmias—its percentage to total of microbes being 44 per cent.

AGE OF PATIENTS

Out of 825,304 new patients treated 48,178 or 5·84 per cent were under the age of one year, 270,300 or 32·75 per cent from one to fifteen years of age and 487,521 or 59·07 per cent from one to thirty years of age. This fact shows that the mass of people recognises the importance of seeking ophthalmic treatment for infants, children and youths.

SCHOOL CLINICS

Ophthalmic examination, inspection and treatment are, at present, carried out in 32 Primary Government Schools. Details of ophthalmic work in schools are given in a special section at the end of this report.

10,066 pupils were examined, of whom 98 per cent were found to be suffering from trachoma in its various stages. About 44 per cent of these were in the serious stages of the disease (trachoma I and II). As a result of ophthalmic treatment, the latter percentage fell to 22.

In this connection it is to be noted that through Government Schools, an accurate percentage showing to what extent trachoma is prevalent among pupils, can be obtained.

This is due to the fact that the examination and treatment are carried out in such schools regularly and permanently on pupils who are always under the supervision of treating doctors.

Pupils of both sexes of 38 other Primary Schools and Kuttabs belonging to the Provincial Councils in Markazes (Districts) where permanent or travelling ophthalmic hospitals exist received ophthalmic treatment at hospitals, *i.e.* an increase of eight institutes of education over that of the last year.

EXPENDITURE

The annual cost of maintenance during the year 1933, including the cost of administration and expense of ophthalmic clinics in Primary Schools, amounted to L.E. 83,630 as shown in the detailed tables appended to this report which are significant of proper economical management. The expense per day for an out-patient was 10·11 mills. The in-patient costs in addition about 21 mills. daily for food. The sources of provision of all Ophthalmic Units are shown in table XXII.

ACCOMMODATION

The number of beds reached 1,308, *i.e.* an increase of 98 beds over last year (of these 98 beds, 52 are of new units and 46 have been added to the old ones).

POST-GRADUATE COURSE OF OPHTHALMOLOGY

During April 1933 the number of Medical Officers who have undergone post-graduate course in Ophthalmology was 22, of these 14 were inspected in the preliminary clinical course and 5 of them passed.

During October their number was 25 of whom 12 were inspected in the preliminary clinical course and 7 of them passed; 4 were inspected in the final clinical course and 3 of them passed. Those who failed for the first time were given another chance but those who failed for the second time were transferred to other branches of the Department.

PROVIDING THE OPHTHALMIC HOSPITALS WITH UP-TO-DATE APPLIANCES

The Department is taking special interest in providing the Ophthalmic Hospitals with up-to-date appliances according to the progress in Ophthalmic Science.

THE 14TH INTERNATIONAL OPHTHALMOLOGICAL CONGRESS IN MADRID

This Congress was held in April 1933 to which the Director of Ophthalmic Hospitals was delegated by the Government as its representative. He was authorised by the Government to invite the Congress to hold its next meeting in 1937 at Cairo. The invitation was accepted and the Egyptian Government was notified and is undertaking the necessary proceedings in this connection. The Government representative has submitted a detailed report of the work and decisions of the Congress.

THE OPHTHALMOLOGICAL SOCIETY OF EGYPT

The annual meeting of this society was held on Friday, March 23, 1934, at Giza Ophthalmic Laboratory. 85 members attended and most of these were of the Medical Officers of the Ophthalmic Hospitals. The following are the topics of the most important communications delivered in the meeting:—

1. A visit to the European Clinics.
2. A few hints on operations for the detachment of retina.
3. Modification of an old Procedure for treatment of totally detached Retinae.
4. The advantages of the Pyrometric electrode in operations for the detachment of retina.
5. Three cases of Neurofibromatosis (Phakomatosis of Recklinghausen).
6. The Pathology of Dacryocystitis.
7. On secondary follicular infections in old trachoma.

8. Avascular Keratitis.
9. Episcleritis and early tubercular Iridocyclitis with a comment on tuberculin treatment.
10. Subhyaloid exudation.
11. Filaria in the macula.
12. Contribution clinique à la pathogénèse des hémorragies pré-rétiniennes.
13. Trois cas de névrite optique dus à l'emploi de l'acétylarsan.
14. A record case of Myopia of 44 dioptries with description of some details.
15. Some preliminary notes on Ocular Leprosy in Egypt.
16. The treatment of Blepharitis with X-Ray.
17. An unusual case of Idiosyncrasy to yellow oxide and zinc sulphate ointments.
18. The incidence of malignant disease of the eye and its adnexa in Egypt.
19. Ophthalmomalacia.
20. Case of Herpes Zoster Ophthalmicus.

Interesting Cases in 1933.

A monthly list of interesting cases seen at the various units of the section is drawn up. About 591 cases have been recorded as interesting during 1933. The following list shows some such cases that are not frequently seen in every day's work in Egypt :—

1. Hyaline degeneration of conjunctiva.
2. Retinitis pigmentosa & consecutive optic atrophy.
3. Post-inflammatory epithelial cyst of limbus.
4. Detachment of retina (myopic).
5. Myopic choroiditis.
6. Pigmented naevus of caruncle.
7. Epithelioma of lacrymal sac.
8. Buphthalmos.
9. Haematoma of orbit in a fibrous cyst.
10. Basal cell carcinoma of orbit.
11. Spring catarrh palpebral and bulbar.
12. Epithelioma of limbus.
13. Traumatic mydriasis & subluxation of lens.
14. Ophthalmia neonatorum.
15. Chorio-retinitis & consecutive optic atrophy in a high myope, & glaucoma simplex cause pyorrhea.
16. Glaucoma simplex ; Rt. neuro-retinitis, Lt. optic neuritis cause pyorrhea.
17. Lt. Glaucoma chronic, Rt. optic neuritis (syphilitic).
18. Primary optic atrophy.
19. Episcleritis (rheumatic in origin).
20. Diabetic paralysis of Rt. 3rd nerve nuclear lesion (toxic nature).
21. Acute irido-cyclitis (syphilitic).
22. Proptosis (due to congenital smallness of orbit and Asymetry of face).
23. Pyramidal A.P.C. Falling in the anterior chamber.
24. Phthisis bulbi after cerebro spinal fever.
25. Membranous conj. negative for D.B.
26. Traumatic detachment of retina.
27. Pigmented naevus of limbus.
28. Cyst of caruncle.
29. Streptothrix of conjunctiva.

30. Fibroma of conjunctiva.
31. Fibroma of orbit.
32. Hysterical amaurosis.
33. Mixed tumour of the lacrymal gland endothelioma-fibroma.
34. Pigmented naevus of conjunctiva.
35. Trachomatous fibrosis and hyaline degeneration.
36. Interstitial keratitis.
37. Exfoliation of the capsule of the lens.
38. Exophthalmic goitre.
39. Glioma retinae.
40. Congenital coloboma of iris and choroid.
41. Vestige of pupillary membrane in the form of fine filaments attached to iris frill on opposite sides of pupil.
42. Lymphangioma of conjunctiva.
43. Mercury idiocynersy.
44. Central choroiditis myopic.
45. Diabetic retinitis.
46. Rt. Lamellar, Lt., Soft cataract.
47. Central senile guttate choroiditis in a diabetic patient.
48. Papilloma of the upper lid.
49. Post-neuritic optic atrophy (cause : due to anaemia from malaria and repeated hæmorrhage from piles and bilharzia).
50. Post-neuritic optic atrophy.
51. Gumma of right upper lid.
52. Hyalo amyloid degeneration of conjunctiva.
53. Embolism of central artery of the retina.
54. Epithelial retention cyst (Krause's gland),
55. Papilloma of limbus showing suspicious early malignancy.
56. Mooren's marginal ulcer.
57. Amyloid tumour of conjunctiva.
58. Chocked disc & hæmorrhage due to trauma.
59. Infected granuloma of conjunctiva.
60. Traumatic aniridia.
61. Lipo-dermoid of limbus.
62. Hyperplasia of conjunctiva.
63. Opaque nerve fibres.
64. Basodow's disease, consecutive ophthalmoplegia externa.
65. Acute orbital periostitis (leading to an abscess).
66. Albuminuric neuro-retinitis (due to acute parenchymatous nephritis).
67. Paralysis of facial nerve, syphilitic.
68. Lenticular nucleus in one eye only in a case of double soft cataract in a child 3 years old.
69. Neuro-retinitis (septic antrum).
70. Intra-ocular hæmorrhage (sub-retinal and into vitreous) after trauma.
71. Membranous conjunctivitis positive for Diphtheria.
72. Fly blown orbit.
73. Dermoid cyst of conjunctiva.
74. Paralytic ptosis syphilitic & primary optic atrophy.
75. Epithelial hyperplasia of lid.

76. Irido-cyclitis (cerebro-spinal meningitis).
77. Lipoma of conjunctiva.
78. Mixed cell sarcoma of orbit.
79. Choroidal atrophy & macular degeneration (syphilitic).
80. Primary optic atrophy; disseminated sclerosis.
81. Cellulitis of the orbit.
82. Fibro-angioma of conjunctiva.
83. Dislocation of lens in A. C.
84. Juvenile glaucoma in myopic eyed.
85. Congenital punctate cataract.
86. Heterochromia iridis.
87. Dermoid tumour of limbus.
88. Dermoid cyst of orbit.
89. 3rd Nerve paralysis syphilitic.
90. -Microphthalmos & congenital coloboma of iris.
91. Melanotic sarcoma of lid.
92. Late infection after trephining operation.
93. Argycrosis of the deep layers of the cornea.
94. Tuberculous ulcer of tarsal conjunctiva.
95. Tubercular periostitis of orbit.
96. Traumatic rupture of choroid & a hole at macula.
97. Traumatic ophthalmoplegia totalis and primary optic atrophy.
98. Old disseminated choroiditis & consecutive optic atrophy.
99. Diabetic neuro-retinitis & arteric sclerotic fundus vessels.
100. Interstitial Keratitis (tubercular).
101. Frontal sinus mucocele.
102. Simple adenoma of lacrymal and sebaceous glands.
103. Lamellar cataract.
104. Congenital coloboma of iris, choroid and optic nerve.
105. Ascending optic atrophy and hemiplegia (through vascular embolism probably of Int. carotid)
106. Monocular myopia.
107. Epithelioma of limbus on a pterygium.
108. Retinitis proliferans.
109. Retinitis centrales due to septic teeth.
110. R. and L. Primary optic atrophy with paralysis of R. 3rd, 4th and 6th cranial nerves as well (cause trauma & a "fiss" at side of skull causing fractured base at region of decussation)
111. Iridocyclitis (R. frontal and R. maxillary sinuses full of pus).
112. Thrombosis of central veins.
113. Orbital cellulitis due to ethmoiditis.
114. Iridocyclitis (Von Pirquet's positive).
115. Lipoma of the conjunctiva.
116. Gumma of lid.
117. Rudimentary globe & cystic formation behind the lower lid.
118. Apparent Anophthalmos.
119. Pseudoglioma after iridocyclitis.
120. Epithelial plaque of the cornea.
121. Congenital partial ankyloblepharon in three members of the family & heterochromia iridis in one.

122. Ulcerating gumma of orbit.
123. Post-neuritic optic atrophy due to hydrocephalus.
124. Congenital coloboma of upper lids accompanied with dermoid tumours of cornea.
125. Basal meningitis affecting 2nd, 3rd, 4th, and 6th, cranial nerves specific.
126. Arterio-sclerotic retinitis, & lower temporal thrombo-phlebitis (albuminuric).
127. Osteoma of frontal sinus (proved by opn.).
128. Paralysis of sup. oblique.
129. Retro-bulbar neuritis (opaque maxillary and frontal sinuses).
130. Syphilitic keratitis profunda.
131. Hysterical amaurosis monocular.
132. Fuchs' coloboma in a myope.
133. Whooping cough & severe subconj. and subcutaneous haemorrhage and retinal haemorrhage.
134. Chronic cyclitis syphilitic.
135. Double papilloedema (hydrocephalus).
136. Epicanthus.
137. Senile atrophy of chorio-capillaries & sclerosis of choroidal vessels, cilioretinal artery present.
138. Acute suppurative adenitis.
139. Microphthalmos.
140. Keratitis & lagophthalmos (old facial paralysis).
141. Congenital Hemangioma of Upper lid.

TABLE I.—WORK DONE AT ALL OPHTHALMIC HOSPITALS DURING 1933.

| | |
|--|-----------|
| 1.—IN-PATIENTS : TOTAL NUMBER | 25,728 |
| Number of diets issued | 430,800 |
| 2. - OPERATIONS :— | |
| I. Major :— | |
| (a) Senile cataract | 1,545 |
| (b) Soft cataract | 338 |
| (c) Trichiasis or entropion | 82,950 |
| (d) Other operations | 24,511 |
| TOTAL | 109,344 |
| II. Minor (including mechanical treatment of trachoma) | 168,080 |
| GRAND TOTAL, major and minor operations | 277,424 |
| 3.—OUT-PATIENTS :— | |
| I.—Incurable (1) | 2,346 |
| II.—Postponed | 10,975 |
| III.—Tickets issued, i.e. new cases | 825,304 |
| IV.—Old cases | 5,839,286 |
| V.—Visits made by patients to hospital for treatment (equal I+II+III+IV) | 6,677,911 |
| VI.—Average number of visits made to hospital by each patient under regular treatment (old cases + tickets issued) ÷ tickets issued. The factor of incurable cases is neglected | 8.07 |
| VII.—Discharges : | |
| (a) Cured | 210,935 |
| (b) Relieved | 78,904 |
| (c) Incurable (2) | 1,650 |
| (d) Spontaneously ceased to attend after having attended only once | 129,915 |
| (e) " " " " " more than once | 225,061 |
| VIII.—Trichiasis cases seen among new out-patients :— | |
| (a) No previous operation having been performed | 59,670 |
| (b) Previous operation performed unsuccessfully (not at an Ophthalmic Hospital, but probably by some charlatan) | 7,703 |
| IX.—Spectacles ordered | 1,887 |
| X.—Constant wash cases (number of days of treatment) | 1,317,093 |
| XI.—Ages of patients examined : | |
| Under one year | 48,187 |
| From 1 to 5 years | 102,152 |
| " 6 10 " | 91,931 |
| " 11 15 " | 76,217 |
| " 16 20 " | 74,057 |
| " 21 25 " | 69,879 |
| " 26 30 " | 73,285 |
| " 31 35 " | 63,737 |
| " 36 40 " | 54,395 |
| " 41 45 " | 49,653 |
| " 46 50 " | 39,125 |
| " 51 55 " | 26,588 |
| " 56 60 " | 22,476 |
| " 61 65 " | 15,623 |
| " 66 70 " | 11,046 |
| Over 70 years | 6,953 |
| TOTAL | 825,304 |

N.B.—(1) Incurable cases do not receive tickets, but are recognized as soon as seen by the surgeon as both incurable and devoid of surgical interest.

(2) Incurable cases include those which are recognized as soon as seen by the surgeon as incurable but are given tickets for statistical or other purposes.

TABLE II.—LIST OF DISEASES (*continued*).

Eyelids (contd.) :—

| | |
|-------------------------------|-------|
| Ectropion | 1,354 |
| Lagophthalmos | 1,331 |
| Blepharitis | 5,736 |
| Hordeolum | 2,985 |
| Wart | 583 |
| Chalazion | 3,485 |
| Eczema | 1,075 |
| Rodent ulcer | 32 |
| Dermoid | 75 |
| Ptosis | 559 |
| Erysipelas | 4 |
| Herpes | 119 |
| Chancre | 3 |
| Epithelioma | 10 |
| Other tumours | 38 |
| Leucodermia | 58 |
| Injuries and abscesses | 1,182 |

Lacrimal Apparatus :—

| | |
|-------------------------------|-------|
| Lacrimal fistula | 381 |
| Stenosis of the duct | 1,481 |
| Dacryocystitis, acute | 285 |
| " chronic | 8,533 |
| Cyst of lacrimal gland | 120 |

Cornea :—

| | |
|--|---------|
| Ulceration, simple | 39,773 |
| " hypopyon | 1,940 |
| " perforation | 8,824 |
| " special forms | 641 |
| Pannus | 65,680 |
| Keratitis, interstitial | 13 |
| " trachomatous | 4,070 |
| Nebula or leucoma | 280,607 |
| Adherent leucoma | 40,489 |
| Totally opaque cornea | 17,665 |
| Staphyloma | 6,436 |
| Xerosis of cornea | 1,191 |
| Abscess of cornea | 69 |
| Conical cornea (congenital) | 18 |
| Keratictasia | 2,882 |
| Injuries (burn, foreign bodies, etc.) | 2,350 |

Limbus :—

| | |
|--------------------|----|
| Tumours | 27 |
| Dermoid | 7 |
| Epithelioma | 9 |

Iris :—

| | |
|--------------------------------------|-------|
| Anterior synechia | 3,484 |
| Posterior " | 3,491 |
| Inflammation | 1,468 |
| Iris bombé | 34 |
| Irido-dialysis | 103 |
| Congenital coloboma | 58 |
| Aniridia | 2 |
| Persistent pupillary membrane | 75 |
| Iridodonesis | 514 |
| Various | 75 |

TABLE II.—LIST OF DISEASES (*continued*).

Sclerotic :—

| | |
|---------------------------|-------|
| Ciliary staphyloma | 2,182 |
| Episcleritis | 41 |
| Injuries | 85 |

Choroid :—

| | |
|---------------------------------|-----|
| Coloboma | 24 |
| Rupture | 15 |
| Disseminated choroiditis | 16 |
| Choroido-retinitis | 34 |
| Atrophy of choroid | 111 |
| Tumours | 1 |
| Albinismus | 29 |

Retina :—

| | |
|--|-----|
| Retinitis, albuminuric and diabetic | 13 |
| „ syphilitic... .. | 16 |
| „ pigmentosa | 66 |
| Detachment of retina | 141 |
| Embolism and thrombosis of retinal vessels | 7 |
| Glioma | 11 |
| Other conditions | 12 |
| Night blindness (in which retinitis pigmentosa is absent) | 137 |

Optic Nerve :—

| | |
|--|-----|
| Neuritis | 35 |
| Atrophy (<i>See Table III</i>) of causes of Optic Atrophy page 13 | 172 |
| Opaque nerve fibres | 16 |
| Other conditions | 2 |

Lens :—

| | |
|--------------------------------|-------|
| Cataract, senile | 4,655 |
| „ soft | 364 |
| „ traumatic | 189 |
| „ lamellar | 26 |
| „ anterior polar | 2,364 |
| „ posterior „ | 152 |
| „ dislocated, traumatic | 212 |
| „ „ operative | 43 |
| „ „ congenital | 1 |
| Aphakia | 2,032 |
| Secondary cataract | 291 |
| Ectopia lentis | 1 |

Vitreous :—

| | |
|-----------------------|-----|
| Opacities | 217 |
| Foreign bodies | 20 |

Muscles :—

| | |
|--------------------------------|--------|
| Strabismus, alternating | 1,717 |
| „ convergent | 15,530 |
| „ divergent | 24,386 |
| Heterophoria | 69 |
| Nystagmus | 2,102 |
| Paralysis | 34 |

TABLE III.—CAUSES OF OPTIC ATROPHY.

Optic Atrophy :—

A. (1) Primary :

The spinal diseases causing the condition are :

| | |
|--|----|
| G.P.I. | 4 |
| Tabes | 3 |
| Disseminated sclerosis | 1 |
| Lateral sclerosis | — |
| Spastic paraplegia | — |
| Lebers hereditary optic atrophy | — |
| Congenital optic atrophy | — |
| Unknown | 15 |

It may also be caused by :

| | |
|--------------------------|---|
| Arterio-sclerosis | 6 |
|--------------------------|---|

| | |
|--|---|
| (2) Compression of the optic chiasma or of the optic nerve by a tumour or injury by a projectile or bony fracture may produce optic atrophy of a primary type | 2 |
|--|---|

(3) Retro-bulbar neuritis :

The acute form causes atrophy of the optic nerve, primary in type, not infrequently.

The chronic form more rarely.

Acute retro-bulbar neuritis. The causes are :

| | |
|---|----|
| (a) Sepsis (dental, periostitis, middle ear, accessory sinuses)... .. | 3 |
| (b) Acute fevers (including syphilis and rheumatism) | 11 |
| (c) Intoxications (alcohol, lead) | — |
| (d) Nervous diseases (disseminated sclerosis, acute myelitis) | — |

| | |
|---|---|
| Chronic retro-bulbar neuritis may be caused by tobacco, alcohol, diabetes, iodoform, opium, etc. | 1 |
|---|---|

B. Post-neuritic :—

The causes of optic neuritis, all of which may be followed by post-neuritic atrophy, are as follows :—

| | |
|--|----|
| (a) Sepsis (dental, periostitis, middle ear, accessory sinuses) | 13 |
| (b) Acute fevers (including syphilis and rheumatism) | 85 |
| (c) Intoxications (kidney disease and diabetes, alcohol, felixmas)... .. | 6 |
| (d) Nervous diseases : Diss. sclerosis, G.P.I., epilepsy | 1 |
| (e) Anæmia | 5 |
| (f) Unknown | 16 |

TOTAL (equal Optic Atrophy, Page 11) ... 172

TABLE IV.—LIST OF OPERATIONS.

Eyelids:—

For trichiasis and entropion :

| | |
|---------------------------------|--------|
| Snellen's | 68,448 |
| Anagnostakis | 57 |
| Snellen-Anagnostakis | 131 |
| Canthoplasty | 5,840 |
| Grafting mucous membrane | 8,112 |
| Electrolysis (minor) | 5,042 |
| Excision of lash (minor) | 1,798 |
| Other operations | 362 |

For ectropion :

| | |
|--|-------|
| Plastic | 28 |
| MacCallan's | — |
| Kenneth Scott's | 2 |
| Kuhnt's | 11 |
| Other operations | 97 |
| For ptosis | 20 |
| For symblepharon | 42 |
| For hordeolum and chalazion (minor) | 4,176 |
| Cyst removed | 277 |
| Wart excised (minor) | 348 |
| Restitching wounds (minor) | 132 |
| Opening abscesses (minor) | 1,348 |
| Various | 162 |

Conjunctiva:—

For trachoma :

| | |
|---|--------|
| Expression or mechanical treatment (minor) | 86,546 |
| Combined excision of Heisrath | 272 |
| Post-trachomatous degeneration (minor) | 63,388 |
| Other operations } (minor) | 530 |
| } (major) | 288 |
| Pterygium | 4,467 |

Cornea:—

| | |
|-------------------------------------|-------|
| Foreign body removed (minor) | 1,582 |
| Semisch's section | 332 |
| Cautery | 233 |
| Various | 227 |

Iris:—

| | |
|--|-------|
| Iridectomy for adherent leucoma | 5,614 |
| „ visual | 1,770 |
| „ for glaucoma | 1,719 |
| „ preliminary for cataract | 198 |
| Cystoid cicatrix | 26 |
| Division of anterior synechia | 36 |
| Various | 88 |

Lacrimal Sac:—

| | |
|------------------------|-------|
| Excision | 5,040 |
| Various (minor) | 3,190 |

TABLE IV.—LIST OF OPERATIONS (*continued*).

| | | |
|--|-------|---------|
| <i>Lens :—</i> | | |
| For senile cataract : | | |
| Extraction with iridectomy | 1,372 | |
| „ after previous iridectomy... .. | 173 | |
| For membrane after extraction : Discission | 643 | |
| For soft cataract : | | |
| Extraction | 22 | |
| Discission | 58 | |
| Curette evacuation | 245 | |
| Paracentesis | 13 | |
| For membrane after evacuation : | | |
| Discission | 131 | |
| Capsulotomy | 5 | |
| <i>Globe :—</i> | | |
| Trephining of cornea-sclera with iridectomy | 1,332 | |
| Trephining | 42 | |
| Excision | 489 | |
| Evisceration | 341 | |
| Paracentesis | 431 | |
| <i>Orbit :—</i> | | |
| Exenteration | 2 | |
| For tumour | 38 | |
| „ dermoid | 21 | |
| „ cellulitis | 16 | |
| „ cyst, frontal | — | |
| „ „ ethmoidal... .. | — | |
| Tenotomy and advancement | 21 | |
| Other major operations | 30 | |
| Trial with magnet :— | | |
| Positive | 12 | |
| Negative | 8 | |
| TOTAL | | 277,424 |

**TABLE V.—NUMBER OF NEW PATIENTS TREATED AND OPERATIONS PERFORMED
AT ALL OPHTHALMIC HOSPITALS DURING 1934.**

| HOSPITALS | NUMBER OF PATIENTS | HOSPITALS | NUMBER OF OPERATIONS |
|--------------------------------|-----------------------|--------------------------------|-------------------------|
| Rod el Farag | 64,025 | Rod el Farag | 18,674 |
| Giza | 51,418 | Asyût | 12,356 |
| No. 1, T.O.H. | 48,468 | Tanta | 11,765 |
| Asyût | 29,626 | Giza | 11,750 |
| Demerdash | 26,225 | Demerdash | 9,294 |
| Tanta | 25,762 | Sohâg | 8,272 |
| Bani Suef | 23,501 | Bani Suef | 7,655 |
| Port Said | 22,000 | No. 1, T.O.H. | 7,367 |
| Fikriya | 20,854 | Ashmûn | 6,834 |
| Minya | 20,684 | Faiyûm | 6,823 |
| Alexandria | 20,209 | No. 5, T.O.H. | 6,727 |
| Sohâg | 19,242 | Shibin el Kôm | 6,576 |
| Faiyûm | 18,130 | No. 4, T.O.H. | 5,824 |
| Zagazig | 16,976 | No. 6, T.O.H. | 5,804 |
| Shibin el Kôm | 16,784 | Zagazig | 5,546 |
| Mallawi | 15,827 | Banha | 5,417 |
| No. 11, T.O.H. | 15,340 | No. 11, T.O.H. | 5,307 |
| Damanhûr | 15,106 | Alexandria | 5,281 |
| Asyût, P.C., T.O.H. | 15,080 | Mansûra | 5,275 |
| Benha | 14,537 | Maghagha | 5,237 |
| Maghagha | 14,514 | No. 7, T.O.H. | 4,930 |
| Mahalla el Kubra | 13,897 | No. 10, T.O.H. | 4,878 |
| Mansûra | 13,764 | Mahalla el Kubra | 4,816 |
| No. 5, T.O.H. | 13,425 | Qena | 4,804 |
| No. 6, T.O.H. | 13,196 | Minya | 4,796 |
| Mit Ghamr | 12,604 | No. 9, T.O.H. | 4,593 |
| No. 9, T.O.H. | 12,341 | Mallawi | 4,570 |
| Suez | 11,944 | Asyût, P.C., T.O.H. | 4,545 |
| Matariya | 11,668 | No. 3, T.O.H. | 4,498 |
| Minûf | 11,144 | No. 2, T.O.H. | 4,493 |
| Ashmûn | 10,674 | Luxor | 4,436 |
| No. 7, T.O.H. | 10,548 | Mit Ghamr | 4,306 |
| Girga | 10,487 | El Fikriya | 3,850 |
| Qena | 10,263 | Fackous | 3,675 |
| Damietta | 10,145 | Daqahliya, P.C., T.O.H. | 3,554 |
| No. 2, T.O.H. | 10,005 | Suez | 3,524 |
| No. 4, T.O.H. | 9,853 | Matariya | 3,502 |
| Luxor | 9,748 | Esna | 3,260 |
| No. 10, T.O.H. | 9,091 | Port Said | 3,200 |
| No. 3, T.O.H. | 9,003 | Kafr el Zaiyât | 3,188 |
| Santa | 8,893 | Damietta | 3,132 |
| Disûk | 8,856 | Minûf | 3,122 |
| Taieba | 8,372 | Girga | 3,049 |
| Fackous | 8,017 | Damanhour | 2,937 |
| No. 8, T.O.H. | 7,857 | Santa | 2,879 |
| Daqahliya, P.C., T.O.H. | 7,639 | Disûk | 2,834 |
| Aswân | 7,376 | No. 8, T.O.H. | 2,612 |
| Kafr el Zaiyât | 6,725 | Taieba | 2,569 |
| Rasheed | 6,378 | Rasheed | 2,466 |
| Berraim | 6,154 | Barrim | 2,205 |
| Esna | 5,848 | Aswân | 1,988 |
| Fowa | 4,679 | Fowa | 1,578 |
| Gharbiya, P.C., T.O.H. | 2,338 | Gharbiya P.C., T.O.H. | 1,285 |
| Edfou | 2,314 | El Saff | 910 |
| El Saff | 1,869 | Delingat | 815 |
| No. 12, T.O.H. | 1,576 | Edfou | 811 |
| Delingat | 1,210 | No. 12, T.O.H. | 738 |
| Zifta | 1,095 | Zifta | 292 |

Number of working months :—

| | Months | Days | | Months | Days |
|--|--------|------|--------------------------------|--------|------|
| Zifta (opened on December 4th, 1933) ... | — | 28 | No. 7, T.O.H. | 11 | 15 |
| No. 12, T.O.H. (opened on Novembre 14th, 1933) | 1 | 17 | " 11, T.O.H. | 11 | 15 |
| Edfou (opened on October 21st, 1933) ... | 2 | 11 | " 4, T.O.H. | 11 | 16 |
| El Saff (" " 17th, " ... | 2 | 15 | " 5, T.O.H. | 11 | 16 |
| Delingat (opened on October 14th, 1933) | 2 | 18 | " 6, T.O.H. | 11 | 16 |
| Gharbia P.C., T.O.H. (Cancelled on March 20th, 1933) | 2 | 19 | " 9, T.O.H. | 11 | 16 |
| Fowa (opened on June 27th, 1933) ... | 6 | 4 | " 3, T.O.H. | 11 | 17 |
| Daqahliya P.C., T.O.H. | 11 | — | " 10, T.O.H. | 11 | 17 |
| Asyût P.C., T.O.H. | 11 | 5 | " 8, T.O.H. | 11 | 18 |
| | | | " 2, T.O.H. | 11 | 19 |
| | | | Other Ophthalmic Hospitals ... | 12 | — |

**TABLE VI.—AVERAGE NUMBER OF OPERATIONS PER MONTH AT ALL
OPHTHALMIC HOSPITALS DURING 1933.**

| HOSPITALS. | MAJOR OPERATIONS No. | HOSPITALS. | MINOR OPERATIONS No. |
|------------------------------|----------------------------|------------------------------|----------------------------|
| Rod el Farag | 627 | Rod el Farag | 846 |
| Assiut | 523 | Tanta | 598 |
| Giza | 424 | Giza | 555 |
| Tanta | 383 | Assiut | 507 |
| Demerdash | 375 | Ashmoun | 454 |
| Sohag | 300 | Bani Suef | 430 |
| No. 5, T.O.H. | 288 | Demerdash | 400 |
| No. 1, T.O.H. | 232 | Sohag | 390 |
| Mansoura | 224 | No. 1, T.O.H. | 382 |
| Gharbia P.C., T.O.H. | 221 | Fayoum | 351 |
| Fayoum | 218 | Shibin el Kom | 345 |
| Bani Suef | 208 | No. 4, T.O.H. | 338 |
| Zagazig | 203 | No. 6, T.O.H. | 304 |
| Shibin el Kom | 203 | Maghagha | 304 |
| No. 6, T.O.H. | 200 | Zifta | 302 |
| No. 11, T.O.H. | 195 | No. 5, T.O.H. | 297 |
| No. 12, T.O.H. | 185 | No. 10, T.O.H. | 284 |
| Zifta | 185 | Banha | 284 |
| No. 7, T.O.H. | 173 | No. 2, T.O.H. | 279 |
| Alexandria | 173 | No. 12, T.O.H. | 276 |
| No. 4, T.O.H. | 168 | Alexandria | 267 |
| Banha | 167 | No. 11, T.O.H. | 266 |
| Qena | 166 | Gharbia P.C. T.O.H. | 261 |
| Mit Ghamr | 162 | No. 9, T.O.H. | 260 |
| Fikria | 156 | Mahalla el Kobra | 260 |
| Luxor | 156 | Zagazig | 259 |
| Minia | 151 | Assiut P.C., T.O.H. | 258 |
| Assiut P.C., T.O.H. | 149 | No. 7, T.O.H. | 256 |
| Mallawi | 147 | Suez | 253 |
| No. 3, T.O.H. | 142 | Minia | 249 |
| Mahalla Kobra | 142 | No. 3, T.O.H. | 247 |
| No. 9, T.O.H. | 140 | Qena | 234 |
| Edfou | 138 | Mallawi | 234 |
| No. 10, T.O.H. | 136 | Mansoura | 215 |
| Fakous | 136 | Luxor | 214 |
| Maghagha | 133 | Daqahlia P.C., T.O.H. | 214 |
| Esna | 123 | Edfou | 210 |
| Ashmoun | 115 | Dillingat | 199 |
| Dillingat | 114 | Mit Ghamr | 197 |
| Kafr el Zayat | 111 | Mataria | 187 |
| Daqahlia P.C., T.O.H. | 109 | Damietta | 175 |
| Girga | 108 | Fackous | 170 |
| No. 2, T.O.H. | 106 | Port Said | 166 |
| Mataria | 105 | Fikria | 164 |
| Damanhour | 102 | Minouf | 163 |
| Port Said | 101 | Fowa | 163 |
| Santa | 100 | Saff | 158 |
| No. 8, T.O.H. | 99 | Kafr el Zayat | 154 |
| Minuf | 97 | Esna | 148 |
| Disouk | 92 | Gerga | 146 |
| Fowa | 92 | Disouk | 144 |
| Saff | 86 | Damanhour | 143 |
| Damietta | 86 | Santa | 140 |
| Taieba | 84 | Taieba | 130 |
| Rosetta | 80 | No. 8, T.O.H. | 126 |
| Berreim | 75 | Rosetta | 126 |
| Aswan | 63 | Berreim | 108 |
| Suez | 41 | Aswan | 103 |

TABLE IX.—AVERAGE TEMPERATURE.

The average temperature was arrived at by taking one place in Lower Egypt (Gemeiza), one place in Cairo (Giza), and one place in Upper Egypt (Asyût) and obtaining an average figure from the mean temperature at each place in each month. This is shown in the following table, the reading being in Centigrade degrees.

| MONTHS | GEMEIZA | GIZA | ASYÛT | AVERAGE |
|------------------|---------|------|-------|---------|
| January | 10·8 | 10·7 | 12·0 | 11·2 |
| February | 12·8 | 13·7 | 14·9 | 13·8 |
| March | 14·3 | 15·3 | 17·3 | 15·6 |
| April | 16·0 | 16·7 | 19·6 | 17·4 |
| May | 21·8 | 22·8 | 26·6 | 23·7 |
| June | 25·8 | 27·4 | 30·5 | 27·9 |
| July | 25·7 | 26·3 | 28·3 | 26·8 |
| August | 25·5 | 26·0 | 27·8 | 26·4 |
| September | 23·2 | 23·0 | 25·2 | 23·8 |
| October | 19·9 | 20·3 | 22·0 | 20·7 |
| November | 19·3 | 19·6 | 21·1 | 20·0 |
| December | 13·4 | 14·3 | 14·5 | 14·1 |

TABLE X.—SYNOPSIS OF WORK AT ALL OPHTHALMIC HOSPITALS SINCE 1930.

| | 1930 | 1931 | 1932 | 1933 |
|--|-----------|-----------|-----------|-----------|
| <i>Hospitals in existence :—</i> | | | | |
| Travelling | 14 | 14 | 14 | 15 |
| Permanent | 32 | 35 | 38 | 43 |
| New patients treated | 526,406 | 634,088 | 714,551 | 825,304 |
| Total attendances of out-patients | 4,350,062 | 5,023,175 | 5,711,654 | 6,677,911 |
| Operations performed | 209,662 | 220,823 | 242,365 | 276,424 |
| In-patients | 20,136 | 22,188 | 23,128 | 25,728 |
| <i>Details :—</i> | | | | |
| Patients examined | 539,318 | 652,338 | 737,990 | 838,625 |
| Patients regularly treated | 526,406 | 634,088 | 714,551 | 825,304 |
| Incurable cases | 5,124 | 5,340 | 3,848 | 3,996 |
| Blind in one eye | 36,021 | 38,433 | 40,215 | 45,980 |
| „ both eyes | 9,513 | 8,489 | 10,740 | 10,870 |
| Trichiasis cases examined | 64,534 | 68,936 | 68,682 | 67,373 |
| „ eyes operated on and cured | 73,290 | 73,285 | 73,907 | 82,950 |

TABLE XI.—CAUSES OF BLINDNESS

| | |
|---|--------|
| A.—Congenital | 6 |
| B.—Acquired :— | |
| I.—Conjunctivitis resulting in :— | |
| (a) Total corneal opacity | 17,665 |
| (b) Shrunken globe | 19,056 |
| (c) Secondary glaucoma | 10,015 |
| (d) Other conditions | 1,723 |
| II.—Fundus :— | |
| (a) Optic atrophy | 162 |
| (b) Optic neuritis... .. | 15 |
| (c) Retinitis pigmentosa | 42 |
| (d) Detachment of retina | 103 |
| (e) Other diseases of fundus | 236 |
| III.—Glaucoma, primary :— | |
| (a) Monocular (including absolute 2,375) | 3,370 |
| (b) Binocular („ „ 1,106) | 2,159 |
| IV.—Injury | 358 |
| V.—Operation | 47 |
| VI.—Infectious diseases | 27 |
| VII.—Iritis endogenous | 1,786 |
| VIII.—Various | 775 |
| Total excluding cataract cases | 57,545 |
| Cataract cases | 2,632 |
| GRAND TOTAL | 60,177 |

TABLE XII.—TOTAL PERCENTAGE OF BLINDNESS IN ONE OR BOTH EYES SINCE 1930.

| | 1930 | 1931 | 1932 | 1933 |
|--|-----------|-----------|-----------|-----------|
| | Per Cent. | Per Cent. | Per Cent. | Per Cent. |
| <i>Permanent Ophthalmic Hospitals :—</i> | | | | |
| Tanta | 5.79 | 4.56 | 4.33 | 4.13 |
| Asyût | 7.71 | 7.72 | 9.82 | 8.37 |
| Mansûra | 11.45 | 11.16 | 8.30 | 8.54 |
| Bani Suef | 11.74 | 11.42 | 12.10 | 11.60 |
| Zagazig | 9.27 | 7.60 | 7.72 | 4.99 |
| Damanhûr | 6.86 | 6.72 | 6.89 | 6.59 |
| Shibîn el Kôm | 4.40 | 6.01 | 4.95 | 4.96 |
| Sohâg | 15.86 | 13.63 | 13.83 | 12.37 |
| Minya | 17.23 | 12.57 | 12.92 | 13.42 |
| Faiyûm | 10.09 | 9.90 | 9.60 | 9.26 |
| Banha | 9.19 | 7.63 | 6.30 | 4.46 |
| Alexandria | 4.52 | 4.85 | 5.04 | 4.49 |
| Port Said | 3.43 | 4.63 | 3.53 | 3.75 |
| Qena... .. | 14.69 | 7.18 | 5.97 | 8.78 |
| Damietta | 3.75 | 3.42 | 4.11 | 5.93 |
| Giza | 6.73 | 5.52 | 5.45 | 5.46 |
| Suez | 4.72 | 4.97 | 4.23 | 4.18 |
| Barrîm... .. | 5.61 | 8.33 | 7.61 | 6.57 |
| Mallawi | 3.53 | 3.19 | 2.55 | 2.28 |
| Mit Ghamr... .. | 5.38 | 8.38 | 7.36 | 6.15 |
| Maghagha | 7.84 | 7.92 | 7.44 | 7.53 |
| Fikriya | 6.27 | 5.02 | 4.11 | 4.45 |
| Aswân | 7.07 | 6.41 | 8.69 | 7.73 |
| Rod el Farag | 8.14 | 4.97 | 4.85 | 4.85 |
| Taieba | 5.40 | 3.94 | 4.67 | 4.68 |
| Esna | 14.63 | 10.14 | 9.72 | 8.17 |
| Disûk | 12.69 | 10.51 | 10.19 | 9.14 |
| Demerdash... .. | — | 3.86 | 3.84 | 3.32 |
| Matariya | — | 4.50 | 3.99 | 3.61 |
| Luxor... .. | — | 3.46 | 11.26 | 15.16 |
| Rasheed | — | — | 7.33 | 7.44 |
| Fakous | — | — | 6.83 | 5.12 |
| Girga | — | — | 8.70 | 8.47 |
| Mahalla el Kubra | 7.13 | 6.56 | 5.68 | 4.88 |
| Kafr el Zaiyât | 5.08 | 5.17 | 5.21 | 5.84 |
| Santa | 4.54 | 3.93 | 3.90 | 4.43 |
| Minûf | 6.97 | 4.48 | 4.24 | 4.44 |
| Ashmûn | 8.11 | 7.67 | 7.29 | 6.59 |
| Fowa | — | — | — | 3.90 |
| Delingat | — | — | — | 15.87 |
| Idfû | — | — | — | 8.20 |
| El Saff... .. | — | — | — | 6.65 |
| Zifta | — | — | — | 6.48 |
| <i>Travelling Ophthalmic Hospitals :</i> | | | | |
| No. 1, Travelling : | | | | |
| Abbassia | 10.57 | — | — | — |
| Kalaa (Citadel)... .. | 10.72 | 10.50 | 10.30 | 10.26 |
| No. 2, Travelling : | | | | |
| Kafr el Dawâr | 6.54 | — | — | — |
| Delingat | — | 11.26 | — | — |
| Abul Matamir | — | 16.80 | 15.39 | — |
| Mahmoudia | — | — | 8.26 | 7.34 |
| Shoubrahit | — | — | — | 14.16 |
| No. 3, Travelling : | | | | |
| Idfû | 13.22 | 11.63 | 8.21 | — |
| Kom Ombo... .. | 14.02 | 7.44 | 6.04 | 5.93 |
| Daraw | — | — | 5.89 | 7.38 |

TABLE XII (contd.).—TOTAL PERCENTAGE OF BLINDNESS IN ONE OR BOTH EYES.

| | 1930 | 1931 | 1932 | 1933 |
|-----------------------------------|-----------|-----------|-----------|-----------|
| | Per Cent. | Per Cent. | Per Cent. | Per Cent. |
| No. 4, Travelling: | | | | |
| Abu Kebir | 10.40 | — | — | — |
| Fakous | 10.08 | 8.03 | — | — |
| Ismailia | — | 8.27 | 7.67 | — |
| Bilbeis | — | — | 9.49 | 8.56 |
| Kafr Sakr | — | — | — | 8.24 |
| No. 5, Travelling: | | | | |
| Girga | 10.81 | — | — | — |
| Tahta | 12.05 | 13.82 | — | — |
| Baliana | — | 11.19 | 9.98 | 12.65 |
| Akhmim | — | — | — | 12.66 |
| No. 6, Travelling: | | | | |
| Quesna | 9.88 | 7.29 | — | — |
| Tala | — | 9.05 | 7.39 | — |
| Berket el Sab ^c | 7.89 | — | — | 6.04 |
| El Shouhada | — | — | 4.06 | 7.96 |
| No. 7, Travelling: | | | | |
| Biba | 6.49 | 7.42 | — | — |
| Sinnouris | — | 6.13 | 8.69 | — |
| El Wasta | — | — | 9.71 | 8.90 |
| Abuksah | 7.96 | — | — | — |
| Menjet El Hait | — | — | — | 10.24 |
| No. 8, Travelling: | | | | |
| Samallut | 8.99 | 8.84 | 8.37 | 5.93 |
| El Fashn | — | — | — | 6.20 |
| Matay | 10.17 | — | — | — |
| Bani Mazar | — | 8.63 | 7.37 | — |
| No. 9, Travelling: | | | | |
| Embaba | — | — | — | 5.86 |
| Ayat | 6.50 | 7.49 | — | — |
| El Saff | 6.57 | 5.35 | — | — |
| El Hawamdiya | — | 2.93 | 6.38 | — |
| Oseem | — | — | 1.94 | 6.02 |
| No. 10, Travelling: | | | | |
| Nag ^c Hammadi | — | 11.03 | 6.94 | 8.36 |
| Kous | — | — | — | — |
| Dishna | 16.11 | — | — | 9.85 |
| Luxor | 13.60 | 17.65 | — | — |
| No. 11, Travelling: | | | | |
| Shebin el Qanater | — | — | 4.42 | 5.47 |
| Toukh | 7.50 | 4.22 | — | — |
| El Kanater el Khairiya | — | 5.10 | 6.44 | — |
| Kaliub | — | — | — | 5.00 |

TABLE XII (*contd.*).—TOTAL PERCENTAGE OF BLINDNESS IN ONE OR BOTH EYES.

| | 1930 | 1931 | 1932 | 1933 |
|-------------------------------|-----------|-----------|-----------|-----------|
| | Per Cent. | Per Cent. | Per Cent. | Per Cent. |
| No. 12, Travelling: | | | | |
| Kafr el Sheikh | — | — | — | 3.54 |
| Asyût Provincial Council: | | | | |
| Manfalût | 10.17 | 6.44 | 5.68 | 3.81 |
| Dairût | 9.50 | — | 1.33 | 2.90 |
| Abnûb | — | 9.88 | — | — |
| Abu Tig | — | 9.07 | — | — |
| Badâri | 11.66 | — | 7.71 | 4.49 |
| Deir Moas | 10.07 | 9.40 | — | — |
| Daqahliya Provincial Council: | | | | |
| Aga | 6.82 | 6.79 | 4.38 | 5.65 |
| Simbillâwein | — | 7.17 | 4.90 | — |
| Manzala | — | — | — | — |
| Diarb Nigm | 7.63 | — | — | 7.17 |
| Dikirnis | — | 7.42 | — | — |
| Fareskour | — | — | — | 3.83 |
| Gharbiya Provincial Council: | | | | |
| Zifta | — | — | 9.37 | 9.28 |
| Shirbîn | — | — | 6.25 | — |
| Fowa | — | — | — | — |
| Basioun | 5.90 | — | — | — |
| Belkas | 5.77 | — | — | — |
| Kallin | 5.81 | 6.09 | — | — |
| Kafr el Sheikh | — | 5.74 | 6.08 | — |

N.B.—It is noticed in this table that the percentage of blindness varies in one hospital in different years. This is most probably due to several reasons, the important of which are: that the same blind patient might have visited the same hospital several times, that the patient might have visited several hospitals, that the surgeons of the same hospital are changed and also due to the amount of care exercised in booking these cases.

TABLE XIII.—BLINDNESS AMONG OUT-PATIENTS SINCE 1909.

| YEAR. | TOTAL NUMBER OF PATIENTS EXAMINED. | ONE EYE INCLUDING CATARACT CASES. | | BOTH EYES INCLUDING CATARACT CASES. | | ONE EYE AND BOTH EYES INCLUDING CATARACT CASES. | | ONE EYE EXCLUDING CATARACT CASES. | | BOTH EYES EXCLUDING CATARACT CASES. | | ONE EYE AND BOTH EYES EXCLUDING CATARACT CASES. | |
|-------|---|--------------------------------------|-----------|--|-----------|---|-----------|--------------------------------------|-----------|--|-----------|---|-----------|
| | | Number. | Per Cent. | Number. | Per Cent. | Number. | Per Cent. | Number. | Per cent. | Number. | Per cent. | Number. | Per cent. |
| 1909 | 22,373 | 2,116 | 9.4 | 1,385 | 6.1 | 3,501 | 15.6 | — | — | — | — | — | — |
| 1910 | 25,506 | 2,438 | 9.5 | 2,010 | 7.8 | 4,448 | 17.4 | — | — | — | — | — | — |
| 1911 | 31,274 | 3,196 | 10.2 | 2,811 | 8.9 | 6,007 | 19.2 | — | — | — | — | — | — |
| 1912 | 43,668 | 4,115 | 9.4 | 2,824 | 6.4 | 6,939 | 15.2 | — | — | — | — | — | — |
| 1913 | 62,233 | 5,361 | 8.6 | 3,878 | 6.2 | 9,238 | 14.8 | — | — | — | — | — | — |
| 1914 | 75,398 | 6,425 | 8.5 | 3,591 | 4.7 | 10,016 | 13.2 | — | — | — | — | — | — |
| 1915 | 71,930 | 5,637 | 7.8 | 2,992 | 4.2 | 8,629 | 12.0 | — | — | — | — | — | — |
| 1916 | 94,447 | 7,042 | 7.4 | 3,504 | 3.7 | 10,546 | 11.2 | — | — | — | — | — | — |
| 1917 | 100,410 | 9,385 | 9.3 | 4,611 | 4.6 | 13,996 | 13.9 | — | — | — | — | — | — |
| 1918 | 90,668 | 8,969 | 9.9 | 4,261 | 4.7 | 13,230 | 14.6 | — | — | — | — | — | — |
| 1919 | 83,577 | 8,537 | 10.2 | 4,278 | 5.1 | 12,815 | 15.3 | — | — | — | — | — | — |
| 1920 | 108,113 | 9,833 | 9.1 | 5,154 | 4.7 | 14,987 | 13.8 | — | — | — | — | — | — |
| 1921 | 127,223 | 10,566 | 8.3 | 5,053 | 3.9 | 15,619 | 12.2 | — | — | — | — | — | — |
| 1922 | 147,492 | 12,524 | 8.5 | 4,850 | 3.3 | 17,374 | 11.8 | — | — | — | — | — | — |
| 1923 | 174,004 | 14,394 | 8.3 | 5,146 | 2.9 | 19,540 | 11.2 | — | — | — | — | — | — |
| 1924 | 206,342 | 16,535 | 8.0 | 5,716 | 2.8 | 22,251 | 10.8 | — | — | — | — | — | — |
| 1925 | 246,771 | 19,422 | 7.9 | 6,137 | 2.5 | 25,559 | 10.4 | — | — | — | — | — | — |
| 1926 | 283,602 | 21,979 | 7.7 | 6,702 | 2.6 | 28,681 | 10.1 | — | — | — | — | — | — |
| 1927 | 361,577 | 26,591 | 7.4 | 8,689 | 2.4 | 35,280 | 9.8 | — | — | — | — | — | — |
| 1928 | 401,530 | 28,816 | 7.2 | 8,592 | 2.1 | 37,408 | 9.3 | — | — | — | — | — | — |
| 1929 | 479,932 | 21,893 | 6.6 | 8,697 | 2.8 | 40,590 | 8.4 | — | — | — | — | — | — |
| 1930 | 539,318 | 36,021 | 6.6 | 9,513 | 1.7 | 45,534 | 8.4 | — | — | — | — | — | — |
| 1931 | 652,338 | 38,433 | 5.9 | 9,489 | 1.4 | 47,922 | 7.3 | — | — | — | — | — | — |
| 1932 | 737,990 | 40,215 | 5.4 | 10,740 | 1.5 | 50,955 | 6.9 | 36,945 | 5.0 | 11,220 | 1.5 | 48,165 | 6.5 |
| 1933 | 838,625 | 45,980 | 5.4 | 10,870 | 1.3 | 56,850 | 6.7 | 44,025 | 5.2 | 10,193 | 1.2 | 54,218 | 6.4 |
| TOTAL | 6,006,341 | 416,422 | 6.9 | 141,493 | 2.3 | 557,915 | 9.2 | — | — | — | — | — | — |

N.B.—The definition of blindness adopted here is that proposed by Trousseau, that is to say, inability to count fingers held up at a distance of one meter.

TABLE XIV.—YEARLY PERCENTAGE OF BLINDNESS AMONG
OPHTHALMIC HOSPITAL PATIENTS SINCE 1909.

| YEAR | Per Cent. of Blindness in one or both Eyes in- cluding cataract cases | Percentage of Blindness in one or both eyes excluding Cataract cases | YEAR | Per Cent. of Blindness in one or both Eyes in- cluding cataract cases | Percentage of Blindness in one or both eyes excluding Cataract cases |
|-------------|---|--|-------------|---|--|
| 1909 | 15.6 | — | 1922 | 11.8 | — |
| 1910 | 17.4 | — | 1923 | 11.2 | — |
| 1911 | 19.2 | — | 1924 | 10.8 | — |
| 1912 | 15.2 | — | 1925 | 10.4 | — |
| 1913 | 14.8 | — | 1926 | 10.1 | — |
| 1914 | 13.2 | — | 1927 | 9.8 | — |
| 1915 | 12.0 | — | 1928 | 9.3 | — |
| 1916 | 11.2 | — | 1929 | 8.4 | — |
| 1917 | 13.9 | — | 1930 | 8.4 | — |
| 1918 | 14.6 | — | 1931 | 7.3 | 6.9 |
| 1919 | 15.3 | — | 1932 | 6.9 | 6.5 |
| 1920 | 13.8 | — | 1933 | 6.7 | 6.4 |
| 1921 | 12.2 | — | | | |

N.B.—The definition of blindness adopted here is that proposed by Trousseau, that is to say nability to count fingers held up at a distance of one meter.

TABLE XV.—PRIMARY GLAUCOMA.

| | |
|---|---------|
| Acute | 102) |
| Sub-acute | 288,* |
| Chronic | 6,223) |
| TOTAL | 6,613 |
| Total number of patients examined | 838,625 |
| Per cent. of glaucoma cases | 0.79 |
| Per cent. of absolute glaucoma cases | 0.41 |
| Operations :— | |
| Iridectomy | 1,719 |
| Trephine with iridectomy | 1,332 |

* Including 3,481 absolute monocular and binocular

TABLE XVI.—INCIDENCE OF PRIMARY GLAUCOMA SINCE 1923.

| Varieties | 1923 | 1924 | 1925 | 1926 | 1927 | 1928 | 1929 | 1930 | 1931 | 1932 | 1933 |
|---|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Acute | 25 | 47 | 30 | 32 | 56 | 37 | 53 | 50 | 82 | 36 | 102 |
| Subacute | 119 | 87 | 144 | 184 | 168 | 326 | 261 | 295 | 183 | 202 | 288 |
| Chronic | 2,872 | 2,977 | 3,087 | 3,401 | 3,916 | 4,320 | 5,050 | 6,380 | 5,552 | 6,276 | 6,223 |
| TOTAL* | 3,016 | 3,111 | 3,261 | 3,617 | 4,140 | 4,683 | 5,364 | 6,725 | 5,817 | 6,514 | 6,613 |
| Total number of patients examined | 174,004 | 206,342 | 246,771 | 283,602 | 361,577 | 401,530 | 479,932 | 539,318 | 652,338 | 737,990 | 838,625 |
| Per cent. of glaucoma cases | 1.73 | 1.51 | 1.32 | 1.27 | 1.14 | 1.16 | 1.12 | 1.25 | 0.89 | 0.88 | 0.79 |
| Per cent. of absolute glaucoma cases | 1.23 | 0.77 | 0.68 | 0.76 | 0.68 | 0.68 | 0.62 | 0.70 | 0.53 | 0.55 | 0.41 |
| <i>Operations:</i> | | | | | | | | | | | |
| Iridectomy | 503 | 450 | 753 | 668 | 588 | 877 | 959 | 1,101 | 1,030 | 981 | 1,719 |
| Trephining with iridectomy | 643 | 908 | 991 | 1,073 | 954 | 1,190 | 1,196 | 1,144 | 1,093 | 1,107 | 1,332 |

* Including absolute monocular and binocular.

TABLE XX.—NUMBER OF BEDS AT ALL OPHTHALMIC HOSPITALS.

| HOSPITALS | FIRST | SECOND | THIRD |
|---|-------|--------|-------|
| No. 1 Travelling | — | — | 30 |
| " 2 " | — | — | 20 |
| " 3 " | — | — | 20 |
| " 4 " | — | — | 20 |
| " 5 " | — | — | 20 |
| " 6 " | — | — | 20 |
| " 7 " | — | — | 20 |
| " 8 " | — | — | 20 |
| " 9 " | — | — | 20 |
| " 10 " | — | — | 20 |
| " 11 " | — | — | 20 |
| " 12 " | — | — | 20 |
| Tanta | — | — | 43 |
| Asyût | 1 | — | 55 |
| Mansûra | — | — | 78 |
| Bani Suef | — | — | 56 |
| Zagazig | — | — | 36 |
| Damanhûr | — | — | 31 |
| Shibin el Kôm | — | — | 27 |
| Sohâg | — | — | 23 |
| Minya | — | — | 25 |
| Faiyûm | — | — | 10 |
| Banha | — | — | 24 |
| Alexandria | — | — | 45 |
| Port Said | 2 | 4 | 42 |
| Qena | — | — | 31 |
| Damietta | — | — | 35 |
| Giza | — | — | 77 |
| Mallawi | — | — | 11 |
| Suez | — | — | 25 |
| Mit Ghamr | — | — | 12 |
| Maghagha | — | — | 15 |
| Fikriya | — | — | 13 |
| Aswân | — | — | 23 |
| Rod el Farag | 2 | 4 | 100 |
| Taieba | — | — | 8 |
| Esna | — | — | 24 |
| Disûk | — | — | 12 |
| Demerdash | — | — | 16 |
| Matariya | — | — | 23 |
| Santa | — | — | 10 |
| Daqahliya Provincial Council Travelling Oph- thalmic Hospital | — | — | 12 |
| Luxor | — | — | 25 |
| Rasheed | — | — | 10 |
| Fakous | — | — | 12 |
| Girga | — | — | 12 |
| Ashmoun | — | — | 12 |
| Fowa | — | — | 8 |
| Saff | — | — | 8 |
| Dilingat | — | — | 8 |
| Edfou | — | — | 8 |
| TOTAL | 5 | 8 | 1,295 |

TABLE XXI.—COST OF UNIFORM DIETS FOR THE IN-PATIENTS OF THE OPHTHALMIC HOSPITALS DURING 1933, EXCLUDING COST OF RATIONS FOR EMPLOYÉES.

| HOSPITALS (1) | Number of Diets issued | Total Cost (2) | Cost per Head per Day |
|--|------------------------|----------------|-----------------------|
| | | L.E. | Mills. |
| No. 12 T.O.H.—Kafr el Sheikh | 744 | 11 | 14·35 |
| Beni Suef | 18,998 | 324 | 17·08 |
| Maghagha | 5,068 | 83 | 17·61 |
| Assiut | 19,513 | 358 | 18·37 |
| Mansoura | 24,734 | 460 | 18·59 |
| No. 8 T.O.H.—Samallout and Fashn | 6,770 | 129 | 19·09 |
| Tanta | 15,694 | 302 | 19·23 |
| Zagazig | 12,724 | 332 | 19·71 |
| Qena | 10,816 | 214 | 19·75 |
| Benha | 8,272 | 164 | 19·81 |
| Giza | 25,854 | 519 | 20·07 |
| No. 5 T.O.H.—Beliana and Akhmeem | 6,590 | 134 | 20·36 |
| No. 9 T.O.H.—Oseem and Embaba | 6,695 | 138 | 20·58 |
| Shebin el Kom | 9,428 | 195 | 20·73 |
| Minia | 8,824 | 184 | 20·86 |
| No. 6 T.O.H.—El Shouhada and Berkit el Saba | 6,260 | 131 | 20·87 |
| No. 1 T.O.H.—Citadel | 10,417 | 220 | 21·13 |
| Damanhour | 10,080 | 220 | 21·87 |
| Port Said | 14,565 | 322 | 22·10 |
| Fayoum | 3,970 | 88 | 22·13 |
| Rod el Farag | 36,121 | 801 | 22·19 |
| Sohag | 8,795 | 197 | 22·42 |
| No. 4 T.O.H.—Bilbeis and Kafr Sakr | 5,749 | 130 | 22·57 |
| No. 11 T.O.H.—Shebin el Kanater and Kaliub | 6,169 | 145 | 23·48 |
| No. 2 T.O.H.—Mahmoudia and Shoubrakheit | 6,499 | 154 | 23·64 |
| Mataria | 7,802 | 186 | 23·87 |
| No. 7 T.O.H.—Wasta and Miniet el Heit | 8,095 | 200 | 24·72 |
| Santa | 3,124 | 78 | 24·93 |
| No. 10 T.O.H.—Naga Hammadi and Dishna | 6,331 | 159 | 25·17 |
| Daqahlia Travelling, Aga, Faraskour and Diarb Nigm(2) | 2,992 | 77 | 25·73 |
| No. 3 T.O.H.—Daraw and Kom Ombo | 6,325 | 176 | 27·91 |
| Gharbia Travelling, Zifta | 680 | 19 | 27·94 |
| TOTAL... .. | 324,688 | 6,856 | 21·11 |

(1) Excluding Ophthalmic Branches at General Hospitals.

(2) Fuel excluded.

(3) Diets were bought locally.

Scale of Full diet issued to all in-patients at all Ophthalmic Hospitals.

| | Grammes |
|--|---------|
| Bread | 600 |
| Beef | 150 |
| Vegetables | 156 |
| Lentils... .. | 75 |
| Rice | 75 |
| Milk | 200 |
| Native butter (<i>Samna Baladi</i>) | 15 |
| Sugar | 30 |
| Salt | 20 |

TABLE XXII.—SOURCES OF PROVISION OF OPHTHALMIC HOSPITALS.

| HOSPITALS | Date at which opened | Government Grant | Public Subscription or Private Charity | Grant of Provincial Councils or Municipalities |
|--|----------------------|------------------|--|--|
| | | L.E. | L.E. | L.E. |
| No. 1 Travelling retained at Cairo for provision of clinical facilities for teaching | 1904 | — | 1,000 | — |
| No. 2 Travelling | 1905 | — | 1,000 | — |
| Tanta | 1908 | 8,463 | — | — |
| Asyût | 1911 | 8,817 and site | 5,004 | — |
| Mansûra | 1912 | — | 5,000 | — |
| Bani Suef | 1912 | — | 4,000 | — |
| Asyût Travelling | 1912 | — | — | 720 |
| Zagazig | 1913 | — | — | 4,288 |
| Mahalla el Kubra... .. | 1913 | — | — | 2,400 |
| Kafr el Zaiyât | 1913 | — | — | 2,200 |
| Daqahliya Travelling | 1913 | — | — | 720 |
| Damanhûr | 1914 | — | — | 5,000 |
| Shibin el Kôm | 1914 | — | 5,422 | — |
| Sohâg | 1914 | 960 | 4,000 | — |
| Minya | 1915 | — | — | 5,500 |
| Santa | 1915 | — | — | 2,600 |
| Faiyûm | 1916 | Site | — | 4,000 |
| No. 3 Travelling | 1918 | — | — | 1,500 |
| Banha | 1920 | — | 14,000 | — |
| Alexandria (Oph. Branch) ... | 1920 | Annexed to | General Hospital | — |
| Port Said... .. | 1921 | 18,620 | — | 1,000 |
| Qena... .. | 1923 | — | 12,400 | 2,800 |
| Damietta (Oph. Branch) ... | 1923 | { 1,000 | 240 | — |
| "Fouad I" Oph. H., Giza ... | 1924 | { Annexed to | General Hospital | — |
| Suez (Oph. Branch) | 1924 | { 3,000 and site | 8,668 | 600 |
| No. 4 Travelling | 1925 | { Annexed to | General Hospital | — |
| No. 5 " | 1925 | { 2,000 | — | — |
| Menûf | 1925 | { — | — | 950 |
| Ashmûn | 1925 | { — | — | 950 |
| Memorial Ophthalmic Laboratory, Giza | 1925 | 2,000 | 6,600 | — |
| Barrim (Oph. Branch)... .. | 1926 | Annexed to | General Hospital | — |
| Mallawi (" ") | 1926 | " " | " " | — |
| No. 6 Travelling | 1927 | 2,280 | — | — |
| No. 7 " | 1927 | 2,280 | — | — |
| Mit Ghamr (Oph. Branch)... | 1927 | Annexed to | General Hospital | — |
| Gharbiya Travelling | 1927 | — | — | 1,500 |
| Maghagha | 1927 | — | 1,000 and site | 5,000 |
| No. 8 Travelling | 1928 | 2,500 | — | — |
| No. 9 " | 1928 | 2,500 | — | — |
| No. 10 " | 1928 | 2,500 | — | — |
| Fikriya (Oph. Branch)... .. | 1928 | Annexed to | General Hospital | — |
| No. 11 Travelling | 1928 | 2,500 | — | — |
| Aswân (Oph. Branch) | 1929 | 6,450 Annexed to | General Hospital | — |
| "Princess Fawkiya" (Oph. Hosp.) Rod el Farag... .. | 1929 | 25,000 | — | — |
| Taieba (Oph. Branch) | 1929 | Annexed to | General Hospital | — |
| Esna (Oph. Branch) | 1929 | " " | " " | — |
| Disûk (Oph. Branch) | 1930 | " " | " " | — |
| Demerdash (Oph. Branch) ... | 1931 | " " | " " | — |
| Luxor (Oph. Branch) | 1931 | " " | " " | — |
| Matariya | 1931 | 11,000 | — | Site |
| Rasheed (Oph. Branch) | 1932 | Annexed to | General Hospital | — |
| Fakous (" ") | 1932 | " " | " " | — |
| Girga (" ") | 1932 | " " | " " | — |
| Delingat (Oph. Branch) | 1933 | " " | " " | — |
| Saff (Oph. Branch) | 1933 | " " | " " | — |
| Edfou (Oph. Branch) | 1933 | " " | " " | — |
| Zifta... .. | 1933 | — | { Site, building and furniture } | — |
| No. 12 Travelling... .. | 1933 | 2,500 | — | — |
| Fowa | 1933 | — | — | 1,380 |
| TOTAL | | 106,370 | 68,334 | 43,108 |

TABLE XXIII.—ACTUAL EXPENDITURE 1933.—(A) GENERAL ADMINISTRATION.

| CHAPTER | Expenditure |
|---|-------------|
| Pensionable Staff | 5,631 |
| Hors Cadre Staff | 388 |
| Transport, Transfer and Travelling Allowance | 700 |
| Telephones | — |
| Telegraphs | — |
| TOTAL | 6,719 |

* Included in the general expenditure of the various units of the whole Department.

TABLE XXIV.—ACTUAL EXPENDITURE 1933.—(B) GOVERNMENT OPHTHALMIC HOSPITALS.

| CHAPTER | Total Actual Expenditure |
|---|--------------------------|
| | L.E. |
| Pensionable Staff | 27,196 |
| Hors Cadre Staff | 19,539 |
| Transport, Transfer and Travelling Allowance | 2,408 |
| Food | 8,725 |
| Forage | 53 |
| Water | 984 |
| Light | 487 |
| Disposal of Sewage | 78 |
| Fuel | 594 |
| Rent | 115 |
| Telegrams and Telephones | 175 |
| Stores :— | |
| General Equipment | 6,829 |
| Surgical „ | 310 |
| „ Instruments | 835 |
| Drugs | 1,728 |
| Dressings | 715 |
| Transport of Stores | 484 |
| Petty Expenses... .. | 273 |
| TOTAL | 71,528 * |

* Excluding repairs, being omitted as the credit is at the disposal of the Public Works Ministry.

TABLE XXV.—ACTUAL EXPENDITURE 1933.—GOVERNMENT OPHTHALMIC HOSPITALS (per Unit)

| Hospitals | | | | | | | | | | L.E. |
|-------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|
| No. 1 T.O.H. | ... | ... | ... | ... | ... | ... | ... | ... | ... | 2,869 |
| " 2 " | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1,495 |
| " 3 " | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1,602 |
| " 4 " | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1,954 |
| " 5 " | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1,692 |
| " 6 " | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1,675 |
| " 7 " | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1,791 |
| " 8 " | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1,508 |
| " 9 " | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1,666 |
| " 10 " | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1,661 |
| " 11 " | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1,500 |
| " 12 " | ... | ... | ... | ... | ... | ... | ... | ... | ... | 222 |
| Tanta ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 2,701 |
| Asyût ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 2,743 |
| Mansûra ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 2,847 |
| Bani Suef ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 2,010 |
| Zagazig ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 2,202 |
| Damanhûr ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1,719 |
| Shibîn el Kôm ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1,965 |
| Sohâg ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 2,078 |
| Minya ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1,987 |
| Faiyûm ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1,803 |
| Banha ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 2,133 |
| Alexandria Branch and Schools | ... | ... | ... | ... | ... | ... | ... | ... | ... | 869 |
| Port Said ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 2,140 |
| Qena ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1,702 |
| Damietta Branch ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 684 |
| Giza ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 6,388 |
| Suez Branch ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 657 |
| Barrim Branch ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 468 |
| Mallawi Branch ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 458 |
| Mit Ghamr Branch ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 678 |
| Maghagha ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1,202 |
| Fikriya Branch ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 464 |
| Aswân Branch ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 677 |
| Rod el Farag ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 6,188 |
| Taieba Branch... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 442 |
| Disûk Branch ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 271 |
| Esna Branch ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 308 |
| Demerdash Branch ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 228 |
| Matariya ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1,166 |
| Luxor Branch ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 466 |
| Rasheed Branch ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 305 |
| Fakous Branch ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 354 |
| Girga Branch... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 313 |
| Saff Branch ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 60 |
| Delingat Branch ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 57 |
| Edfou Branch... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 54 |
| Cairo Schools ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1,106 |
| TOTAL ... | | | | | | | | | | 71,528 |

N.B.—Expenditures of Ophthalmic Branches do not include Stores Supplies which form part of General Hospitals Expenditures.

TABLE XXVI.—ACTUAL EXPENDITURE 1933.—PROVINCIAL COUNCIL OPHTHALMIC HOSPITALS (per Unit)

| | L.E. |
|--|------|
| <i>Gharbiya Provincial Council :—</i> | |
| Mahalla el Kubra ... | 661 |
| Kafr el Zaiyât ... | 614 |
| Santa ... | 829 |
| Travelling Hospital ... | 264 |
| Fowa ... | 203 |
| Zifta ... | 50 |
| <i>Asyût Provincial Council :—</i> | |
| Travelling Hospital ... | 639 |
| <i>Daqahliya Provincial Council :—</i> | |
| Travelling Hospital ... | 882 |
| <i>Menûfiya Provincial Council :—</i> | |
| Menûf ... | 538 |
| Ashmûn ... | 703 |

**TABLE XXVII.—COMPARISON OF THE COST OF MAINTENANCE OF A PERMANENT
OPHTHALMIC HOSPITAL IN 1914 AND 1933.**

| | Number | 1914 | TOTAL | Number | 1933 | TOTAL |
|---|--------|------|-------|--------|------|-------|
| | | L.E. | L.E. | | L.E. | L.E. |
| ART. 1.—Salaries, Wages, and Allowances :— | | | | | | |
| A.—Pensionable Staff : | | | | | | |
| Medical Officers | 2 | 336 | | 2 | 540 | |
| Clerk | 1 | 60 | | 1 | 72 | |
| | 3 | | 396 | 3 | | 612 |
| B.—Hors Cadre Staff : | | | | | | |
| Moawin | 1 | 48 | | 1 | 60 | |
| Chief attendant | 1 | 36 | | 2 | 72 | |
| Attendants (male)... .. | 2 | 42 | | 2 | 48 | |
| " (female) | 2 | 36 | | 2 | 36 | |
| Cook | 1 | 24 | | 1 | 42 | |
| Sai | 1 | 18 | | 1 | 24 | |
| Gardener | — | — | | 1 | 24 | |
| Boab | 1 | 18 | | 1 | 24 | |
| Subordinate staff | 3 | 54 | | 2 | 48 | |
| | 12 | | 276 | 13 | | 378 |
| C.—Allowances... .. | | 72 | 72 | | — | — |
| ART. 2.—Transport, Transfer and Travelling Allowance :— | | | | | | |
| Transport | } | 50 | 50 | | 85 | 85 |
| Transfer | | | | | | |
| Travelling allowance... .. | | | | | | |
| | | | 139 | | | 281 |
| ART. 3.—Food | | | | | | |
| ART. 5.—Rent, Water, Lighting, etc. :— | | | | | | |
| Water | | 30 | | | 69 | |
| Lighting... .. | | 40 | | | 50 | |
| Fuel... .. | | 20 | | | 36 | |
| Sewage | | 12 | | | — | |
| | | | 102 | | | 155 |
| ART. 6.—Books and Periodicals | | | 1 | | | — * |
| ART. 7.—Telegrams and Telephones :— | | | | | | |
| Telegrams | } | 9 | 9 | | 10 | 10 |
| Telephones | | | | | | |
| ART. 8.—Petty Expenses | | | 12 | | | 8 |
| ART. 11.—Stores | | | 300 | | | 331 |
| TOTAL | | | 1,357 | | | 1,860 |

* No special Grant for Ophthalmic Hospitals but the Grants are for the whole Department.

Statistics of Ophthalmic Treatment in Schools, 1933-1934

Ophthalmic treatment has been carried out at the primary Government schools of Tanta, Asyût, Mansûra, Beni Suef, Zagazig, Damanhûr, Shibîn el Kôm, Suhâg, Minya, Faiyûm, Gîza, Benha, (Moharram Bey and Râs el Tîn at Alexandria), (Abbâssiya, Mohammad Aly, Munira, Mohammadiya, Gamaliya, Abbas, Bab el Shaariya, Shubra, Abdîn, Kerabiya, Nasriya and Nahhassîn at Cairo), Qena, Port Said, Damietta, Suez, Aswân and Esna.

TABLE I (a).—CONDITION OF CONJUNCTIVA (Beginning of the Year).

| SCHOOLS | No Trachoma | TRACHOMA | | | | TOTAL |
|------------------------|----------------|----------|-------|-------|-------|--------|
| | | I. | II. | III. | IV. | |
| Tanta | 17 | 93 | 27 | 52 | 138 | 327 |
| Per cent | 5.20 | 28.44 | 8.26 | 15.90 | 42.20 | |
| Asyût | — | 200 | 90 | 41 | 12 | 343 |
| Per cent | — | 58.31 | 26.24 | 11.95 | 3.50 | |
| Mansûra | 5 | 79 | 26 | 66 | 288 | 464 |
| Per cent | 1.08 | 17.02 | 5.61 | 14.22 | 62.07 | |
| Bani Suef | 21 | 4 | 62 | 49 | 163 | 299 |
| Per cent | 7.02 | 1.34 | 20.73 | 16.39 | 54.51 | |
| Zagazig | 17 | 14 | 48 | 47 | 171 | 297 |
| Per cent | 5.72 | 4.71 | 16.16 | 15.83 | 57.57 | |
| Damanhûr | 6 | 63 | 42 | 95 | 59 | 265 |
| Per cent | 2.30 | 23.77 | 15.85 | 35.85 | 22.22 | |
| Shibin el Kôm | 3 | 85 | 127 | 94 | 82 | 391 |
| Per cent | 0.77 | 21.73 | 32.48 | 24.04 | 20.97 | |
| Sohâg | 10 | 59 | 27 | 73 | 78 | 247 |
| Per cent | 4.05 | 23.88 | 10.93 | 29.55 | 31.58 | |
| Minya | — | 45 | 22 | 30 | 50 | 147 |
| Per cent | — | 30.61 | 14.97 | 20.41 | 34.01 | |
| Faiyûm | 6 | 46 | 63 | 40 | 47 | 202 |
| Per cent | 2.97 | 22.77 | 31.19 | 19.80 | 23.27 | |
| Giza | — | 87 | 12 | 114 | 137 | 350 |
| Per cent | — | 24.86 | 3.43 | 32.57 | 39.14 | |
| Banha | 2 | 22 | 33 | 21 | 60 | 138 |
| Per cent | 1.45 | 15.94 | 23.91 | 15.22 | 43.48 | |
| Moharram Bey | — | 24 | 18 | 16 | 111 | 169 |
| Per cent | — | 14.20 | 10.65 | 9.47 | 65.68 | |
| Râs el Tin | 2 | 19 | 57 | 45 | 331 | 454 |
| Per cent | 0.44 | 4.18 | 12.55 | 9.91 | 72.91 | |
| Abbâssiya | 11 | 79 | 130 | 51 | 213 | 484 |
| Per cent | 2.27 | 16.32 | 26.85 | 10.54 | 44.01 | |
| Mohammad Aly | 7 | 99 | 56 | 169 | 157 | 488 |
| Per cent | 1.43 | 20.29 | 11.47 | 34.63 | 32.17 | |
| Abbâs | — | 302 | 99 | 47 | 35 | 483 |
| Per cent | — | 62.52 | 20.50 | 9.73 | 7.25 | |
| Shubra | 19 | 278 | 86 | 182 | 139 | 704 |
| Per cent | 2.70 | 33.49 | 12.21 | 25.85 | 19.74 | |
| Bab el Shaariya | 4 | 62 | 46 | 80 | 71 | 263 |
| Per cent | 1.52 | 23.57 | 17.49 | 30.42 | 27.00 | |
| Gamaliya | — | 6 | 51 | 71 | 140 | 268 |
| Per cent | — | 2.24 | 19.03 | 26.49 | 52.24 | |
| Nahhassin | — | 10 | 32 | 71 | 91 | 204 |
| Per cent | — | 4.90 | 15.69 | 34.80 | 44.61 | |
| Nasriya | — | 94 | 9 | 16 | 7 | 126 |
| Per cent | — | 74.60 | 7.14 | 12.70 | 5.55 | |
| Munira | 12 | 266 | 23 | 46 | 82 | 429 |
| Per cent | 2.80 | 62.00 | 5.36 | 10.72 | 19.11 | |
| Abdîn | 11 | 146 | 17 | 54 | 197 | 425 |
| Per cent | 2.59 | 34.35 | 4.00 | 12.70 | 46.35 | |
| Qerabiya | — | 157 | 33 | 105 | 43 | 338 |
| Per cent | — | 46.45 | 9.76 | 31.06 | 12.72 | |
| Mohammadiya | 9 | 174 | 73 | 121 | 99 | 476 |
| Per cent | 1.89 | 36.55 | 15.34 | 25.42 | 20.80 | |
| Port Said | 5 | 150 | 28 | 50 | 101 | 334 |
| Per cent | 1.50 | 44.91 | 8.38 | 14.97 | 30.24 | |
| Qena | 3 | 20 | 36 | 36 | 71 | 166 |
| Per cent | 1.81 | 12.05 | 21.68 | 21.68 | 42.77 | |
| Damietta | 9 | 138 | 18 | 25 | 72 | 262 |
| Per cent | 3.43 | 52.67 | 6.87 | 9.54 | 27.48 | |
| Suez | 3 | 37 | 22 | 66 | 102 | 230 |
| Per cent | 1.30 | 16.09 | 9.56 | 28.70 | 44.35 | |
| Aswân | — | 27 | 20 | 49 | 26 | 122 |
| Per cent | — | 22.13 | 16.39 | 40.16 | 21.31 | |
| Esna | 7 | 30 | 41 | 57 | 36 | 171 |
| Per cent | 4.09 | 17.54 | 23.98 | 33.33 | 21.05 | |
| TOTAL | 189 | 2,915 | 1,464 | 2,079 | 3,419 | 10,066 |
| Per cent | 1.88 | 28.96 | 14.54 | 20.65 | 33.96 | |

TABLE I (b).—CONDITION OF CONJUNCTIVA (End of the Year).

| SCHOOL | No Trachoma | Non-trachoma- tous Conjunctivitis | TRACHOMA | | | | TOTAL |
|------------------------|----------------|--------------------------------------|--------------|-------------|--------------|--------------|--------------|
| | | | I. | II. | III. | IV. | |
| Tanta | 14 | — | 91 | 8 | 72 | 143 | 328 |
| Per cent | 4.27 | — | 27.74 | 2.44 | 21.95 | 43.60 | |
| Asyût | — | — | 151 | 19 | 154 | 19 | 343 |
| Per cent | — | — | 44.02 | 5.54 | 44.89 | 5.54 | |
| Mansûra | 5 | — | 70 | 11 | 66 | 289 | 441 |
| Per cent | 1.13 | — | 15.87 | 2.49 | 14.97 | 65.53 | |
| Bani Suef | 21 | — | 4 | 62 | 49 | 163 | 299 |
| Per cent | 7.02 | — | 1.34 | 20.74 | 16.39 | 54.51 | |
| Zagazig | 15 | — | — | — | 88 | 165 | 268 |
| Per cent | 5.59 | — | — | — | 32.84 | 61.57 | |
| Damanhûr | 5 | — | 81 | 2 | 115 | 43 | 246 |
| Per cent | 2.03 | — | 32.93 | 0.81 | 46.75 | 17.48 | |
| Shibîn el Kôm | 2 | — | 2 | 3 | 225 | 147 | 379 |
| Per cent | 0.53 | — | 0.53 | 0.79 | 59.37 | 38.78 | |
| Sohâg | 8 | — | 23 | — | 118 | 86 | 235 |
| Per cent | 3.40 | — | 9.79 | — | 50.21 | 36.59 | |
| Minya | — | — | 3 | — | 46 | 98 | 147 |
| Per cent | — | — | 2.04 | — | 31.29 | 66.67 | |
| Faiyûm | 1 | — | 22 | 8 | 85 | 80 | 196 |
| Per cent | 0.51 | — | 11.22 | 4.08 | 43.37 | 40.82 | |
| Giza | — | — | 45 | — | 135 | 159 | 339 |
| Per cent | — | — | 13.27 | — | 39.82 | 46.90 | |
| Banha | 1 | — | 8 | 10 | 46 | 66 | 131 |
| Per cent | 0.76 | — | 6.11 | 7.63 | 35.11 | 50.38 | |
| Moharram Bey | — | — | 14 | 5 | 35 | 114 | 168 |
| Per cent | — | — | 8.33 | 2.98 | 20.83 | 67.86 | |
| Râs el Tin | 3 | — | 19 | 7 | 45 | 371 | 445 |
| Per cent | 0.67 | — | 4.27 | 1.57 | 10.11 | 83.37 | |
| Abbâssiya | 11 | — | 32 | 1 | 172 | 259 | 475 |
| Per cent | 2.31 | — | 6.74 | 0.21 | 36.21 | 54.53 | |
| Mohammad Aly | 7 | — | 47 | 10 | 202 | 196 | 462 |
| Per cent | 1.52 | — | 10.17 | 2.16 | 43.72 | 42.42 | |
| Abbâs | — | — | 351 | 3 | 81 | 41 | 476 |
| Per cent | — | — | 73.74 | 0.63 | 17.02 | 8.61 | |
| Shubra | 20 | — | 78 | 38 | 366 | 165 | 667 |
| Per cent | 3.00 | — | 11.69 | 5.70 | 54.87 | 24.74 | |
| Bab el Shaariya | 5 | — | 55 | 11 | 112 | 72 | 255 |
| Per cent | 1.96 | — | 21.57 | 4.31 | 43.92 | 28.23 | |
| Gamaliya | — | — | — | — | 96 | 172 | 268 |
| Per cent | — | — | — | — | 35.82 | 64.18 | |
| Nahhassîn | — | — | — | — | 35 | 169 | 204 |
| Per cent | — | — | — | — | 17.16 | 82.84 | |
| Nasriya | — | — | 87 | — | 20 | 10 | 117 |
| Per cent | — | — | 74.36 | — | 17.09 | 8.55 | |
| Munira | 11 | — | 267 | 7 | 48 | 94 | 427 |
| Per cent | 2.58 | — | 62.53 | 1.64 | 11.24 | 22.01 | |
| Abdin | 11 | — | 135 | 3 | 53 | 207 | 409 |
| Per cent | 2.69 | — | 33.01 | 0.73 | 12.96 | 50.61 | |
| Qerabiya | — | — | 50 | 2 | 117 | 130 | 299 |
| Per cent | — | — | 16.72 | 0.67 | 39.13 | 43.48 | |
| Mohammadiya | 8 | — | 90 | — | 178 | 190 | 466 |
| Per cent | 1.72 | — | 19.31 | — | 38.20 | 40.77 | |
| Port Said | 5 | 1 | 153 | — | 65 | 108 | 332 |
| Per cent | 1.51 | 0.30 | 46.08 | — | 19.58 | 32.53 | |
| Qena | 3 | — | 4 | — | 84 | 72 | 163 |
| Per cent | 1.84 | — | 2.45 | — | 51.53 | 44.17 | |
| Damietta | 7 | — | 33 | — | 46 | 165 | 251 |
| Per cent | 2.79 | — | 13.15 | — | 18.32 | 65.74 | |
| Suez | 3 | — | — | — | 120 | 98 | 221 |
| Per cent | 1.36 | — | — | — | 54.30 | 44.34 | |
| Asswân | — | — | 19 | — | 58 | 40 | 117 |
| Per cent | — | — | 16.24 | — | 49.57 | 34.19 | |
| Esna | 7 | — | 11 | 3 | 99 | 49 | 169 |
| Per cent | 4.14 | — | 6.51 | 1.77 | 58.58 | 28.99 | |
| TOTAL | 173 | 1 | 19,45 | 213 | 3,231 | 4,180 | 9,743 |
| Per cent | 1.77 | 0.01 | 19.96 | 2.19 | 33.16 | 42.90 | |

TABLE II (a).—EFFECT OF TREATMENT ON SERIOUS STAGES OF TRACHOMA.

| YEAR. | BEGINNING OF THE YEAR | | | END OF THE YEAR | |
|------------------|-----------------------------------|---|----------|---|----------|
| | Pupils with any Stage of Trachoma | Pupils with serious Stages of Trachoma I and II | | Pupils with serious Stages of Trachoma I and II | |
| | No. | No. | Per Cent | No. | Per Cent |
| 1907-1908 | 464 | 289 | 62.3 | — | — |
| 1914-1915 | 1,553 | 342 | 22.0 | 61 | 4.0 |
| 1916-1917 | 1,528 | 327 | 21.4 | 48 | 3.0 |
| 1917-1918 | 1,699 | 282 | 16.6 | 71 | 4.2 |
| 1919-1920 | 2,454 | 410 | 16.7 | 201 | 8.2 |
| 1920-1921 | 3,363 | 643 | 19.1 | 290 | 8.6 |
| 1921-1922 | 5,036 | 1,369 | 27.2 | 580 | 11.5 |
| 1922-1923 | 6,140 | 1,982 | 32.3 | 892 | 14.5 |
| 1923-1924 | 6,820 | 2,115 | 31.0 | 835 | 12.2 |
| 1924-1925 | 7,107 | 2,442 | 34.4 | 722 | 10.2 |
| 1925-1926 | 7,337 | 1,865 | 25.4 | 374 | 5.1 |
| 1926-1927 | 9,053 | 2,160 | 23.9 | 582 | 6.4 |
| 1927-1928 | 12,057 | 2,819 | 23.4 | 830 | 6.9 |
| 1928-1929 | 11,319 | 2,624 | 23.2 | 722 | 6.4 |
| 1929-1930 | 11,223 | 2,397 | 30.2 | 919 | 8.4 |
| 1930-1931 | 10,793 | 2,893 | 26.8 | 877 | 8.1 |
| 1931-1932 | 10,707 | 4,576 | 42.7 | 1,750 | 16.3 |
| 1932-1933 | 10,331 | 4,034 | 39.1 | 2,090 | 20.2 |
| 1933-1934 | 9,877 | 4,379 | 44.3 | 2,168 | 21.9 |

TABLE II (b).—STAGES OF TRACHOMA AT BEGINNING AND END OF SCHOOL YEAR.

| STAGES OF TRACHOMA | | BEGINNING OF THE YEAR | | END OF THE YEAR | |
|--------------------|------------|-----------------------|----------|-----------------|----------|
| | | No. | Per Cent | No. | Per Cent |
| Trachoma | I | 2,915 | 29.51 | 1,945 | 20.33 |
| " | II | 1,464 | 14.82 | 213 | 2.22 |
| " | III | 2,079 | 21.05 | 3,231 | 33.76 |
| " | IV | 3,419 | 34.61 | 4,180 | 43.68 |

TABLE III (b).—COMPARISON OF SERIOUS STAGES OF TRACHOMA I and II (Beginning of the Year).

| CLASS | Total Number of Pupils | Total Number of serious Stages of Trachoma I and II | Per Cent |
|--------------------|------------------------|---|----------|
| First Year | 2,473 | 1,500 | 60.65 |
| Second Year | 2,419 | 1,133 | 46.84 |
| Third Year... .. | 2,949 | 1,061 | 35.98 |
| Fourth Year | 2,225 | 695 | 31.23 |

TABLE IV.—VISION OF ALL PUPILS WITHOUT SPECTACLES.

| | TOTAL | GRAND TOTAL | Per Cent |
|---|--------|-------------|----------|
| <i>Good Vision:—</i> | | | |
| (a) Normal vision in each eye 6/6 and 6/6 | 1,938 | 5,552 | 55.15 |
| (b) Vision 6/6 and 6/9, or 6/9 and 6/9 | 3,624 | | |
| <i>Fair Vision:—</i> | | | |
| (a) Vision 6/6 and 6/12, or 6/9 and 6/12, or 6/12 and 6/12 | 2,072 | 2,223 | 22.08 |
| (b) Vision 6/6 and 6/18 | 151 | | |
| <i>Bad Vision:—</i> | | | |
| Fails to attain any of the above standards | 2,291 | 2,291 | 22.76 |
| TOTAL | 10,066 | 10,066 | |

TABLE V.—SPECTACLES ORDERED.

| Schools | Number of pupils now attending obtained spectacles in previous years | Number of pupils now attending obtained spectacles this year | Number of pupils now attending ordered spectacles but not yet obtained | Total | Spectacles on order or under repair | Number of pupils wearing spectacles on date of final inspection | Net number not wearing spectacles which were previously ordered |
|-----------------------|--|--|--|------------|-------------------------------------|---|---|
| Tanta | 13 | 7 | — | 20 | — | 20 | — |
| Assiut | 19 | 2 | — | 21 | — | 21 | — |
| Mansoura | 11 | 3 | — | 14 | — | 14 | — |
| Beni Suef | 8 | — | — | 8 | — | 6 | 2 |
| Zagazig | 7 | 2 | 1 | 10 | 1 | 7 | 2 |
| Damanhûr | 5 | 2 | — | 7 | — | 7 | — |
| Shebin el Kom | 12 | 15 | 5 | 32 | 5 | 27 | — |
| Sohag | 8 | 8 | — | 16 | — | 16 | — |
| Minia | 7 | — | — | 7 | — | 7 | — |
| Faiyûm | 8 | 3 | — | 11 | — | 11 | — |
| Giza... .. | 12 | 3 | — | 15 | — | 15 | — |
| Benha | 6 | — | — | 6 | 1 | 5 | — |
| Moharram Bey | 6 | — | — | 6 | — | 3 | 3 |
| Ras el Tin | 13 | 4 | — | 17 | — | 15 | 2 |
| Abbassia | 13 | 5 | — | 18 | — | 18 | — |
| Mohammed Ali | 5 | 6 | — | 11 | — | 11 | — |
| Mounira | 6 | 2 | — | 8 | — | 8 | — |
| Mohammadia | 21 | 6 | — | 27 | — | 24 | 3 |
| Gamalia | 6 | 5 | — | 11 | — | 7 | 4 |
| Nahhassin | 8 | 2 | — | 10 | — | 10 | — |
| Abbass | 18 | 10 | — | 28 | — | 28 | — |
| Bab el Shaaria | 6 | 8 | — | 14 | — | 14 | — |
| Shoubra | 27 | 4 | — | 31 | — | 31 | — |
| Abdin | 12 | 2 | — | 14 | — | 14 | — |
| Qerabia | 27 | 1 | — | 28 | — | 28 | — |
| Nasria | 6 | 1 | 1 | 8 | 1 | 7 | — |
| Qena | 6 | 2 | — | 8 | — | 8 | — |
| Port Said | 17 | 5 | — | 22 | — | 21 | 1 |
| Damietta | 8 | 2 | — | 10 | — | 9 | 1 |
| Suez... .. | 3 | 4 | — | 7 | — | 7 | — |
| Aswân | 7 | 1 | — | 8 | — | 3 | 5 |
| Esna | 3 | 2 | — | 5 | — | 5 | — |
| TOTAL | 334 | 117 | 7 | 458 | 8 | 427 | 23 |

TABLE VI.—NUMBER OF PUPILS ORDERED SPECTACLES NOT GREATER IN STRENGTH THAN ± 6 DIOPTERS AND BY THEIR USE GOT GOOD OR FAIR VISION.

| | TOTAL | GRAND TOTAL | Per Cent.* |
|--|-------|----------------|------------|
| <i>Good Vision :—</i> | | | |
| (a) Normal vision in each eye 6/6 and 6/6 | 56 | 195 | 42.58 |
| (b) Vision 6/6 and 6/9, or 6/9 and 6/9 | 99 | | |
| <i>Fair Vision :—</i> | | | |
| (a) Vision 6/6 and 6/12, or 6/9 and 6/12, or 6/12 and 6/12... .. | 101 | 114 | 24.89 |
| (b) Vision 6/6 and 6/18 | 13 | | |

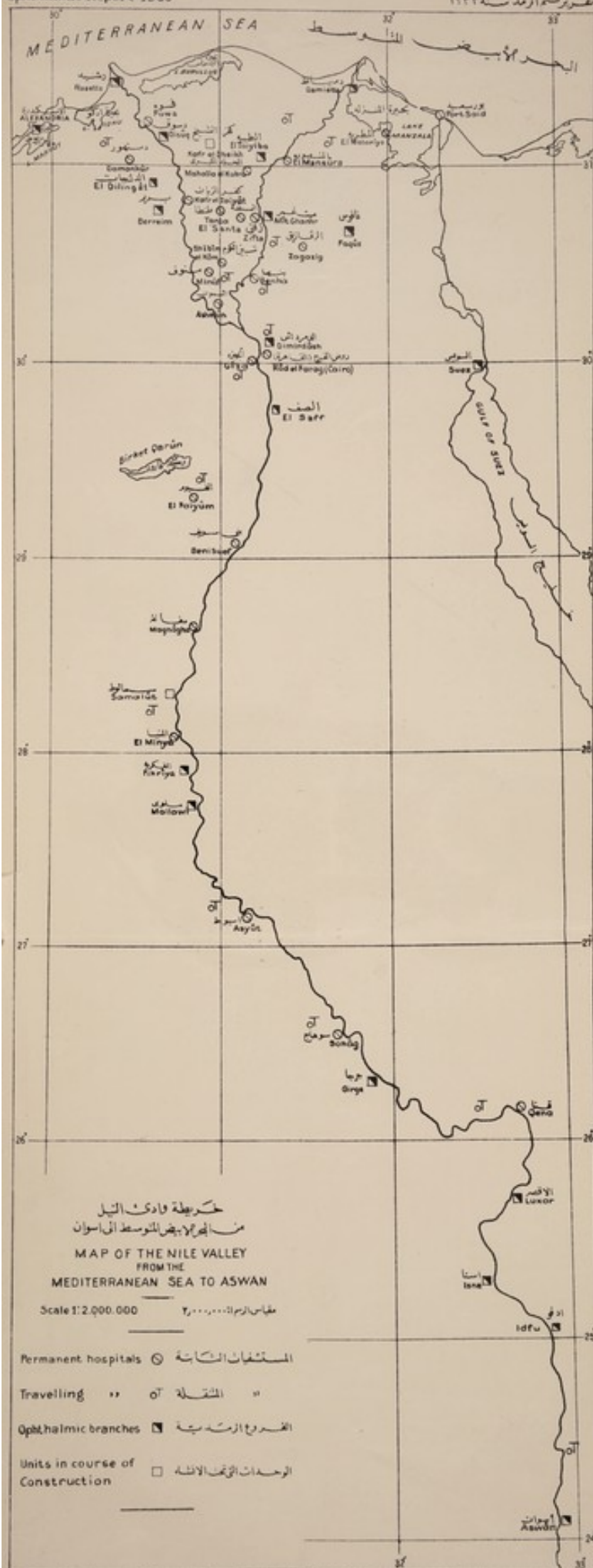
* The percentage is taken in relation to the number of all pupils to whom spectacles were ordered (i.e. 458) See table V.

TABLE VII.—CONDITION OF CORNEA BEFORE TREATMENT.

| SCHOOLS | Both Corneas clear | One Cornea clear the other showing Opacity | Opacity of both Corneas |
|-----------------------|--------------------|--|----------------------------|
| Tanta | 305 | 19 | 3 |
| Asyût | 322 | 13 | 8 |
| Mansûra | 443 | 17 | 4 |
| Bani Suef | 285 | 7 | 7 |
| Zagazig | 272 | 12 | 13 |
| Damanhûr | 261 | 4 | — |
| Shibîn el Kôm | 354 | 18 | 19 |
| Sohâg | 211 | 22 | 14 |
| Minya | 142 | 5 | — |
| Fayûm | 182 | 10 | 10 |
| Giza | 343 | 7 | — |
| Banha | 123 | 7 | 8 |
| Moharram Bey | 167 | 1 | 1 |
| Râs el Tîn | 445 | 9 | — |
| Abbassiya | 466 | 13 | 5 |
| Mohammad Aly | 452 | 30 | 6 |
| Abbâs | 456 | 19 | 8 |
| Shubra | 697 | 7 | — |
| Bab el Shaaria | 243 | 14 | 6 |
| Gamâliya | 255 | 10 | 3 |
| Nahhassîn | 190 | 8 | 6 |
| Nasriya | 124 | 1 | 1 |
| Munira | 418 | 8 | 3 |
| Abdîn | 400 | 23 | 2 |
| Qerabiya | 316 | 16 | 6 |
| Mohammadiya | 461 | 13 | 2 |
| Port Said | 329 | 4 | 1 |
| Qena | 138 | 10 | 18 |
| Damietta | 248 | 13 | 1 |
| Suez | 222 | 6 | 2 |
| Asswân | 113 | 6 | 3 |
| Esna | 144 | 12 | 15 |
| TOTAL | 9,527 | 364 | 175 |
| Per cent | 94.64 | 3.62 | 1.74 |

TABLE VIII.—COMPARISON OF CORNEAL OPACITY AMONG PUPILS OF TANTA PRIMARY SCHOOL IN THE YEARS 1914-1915 AND 1933-1934.

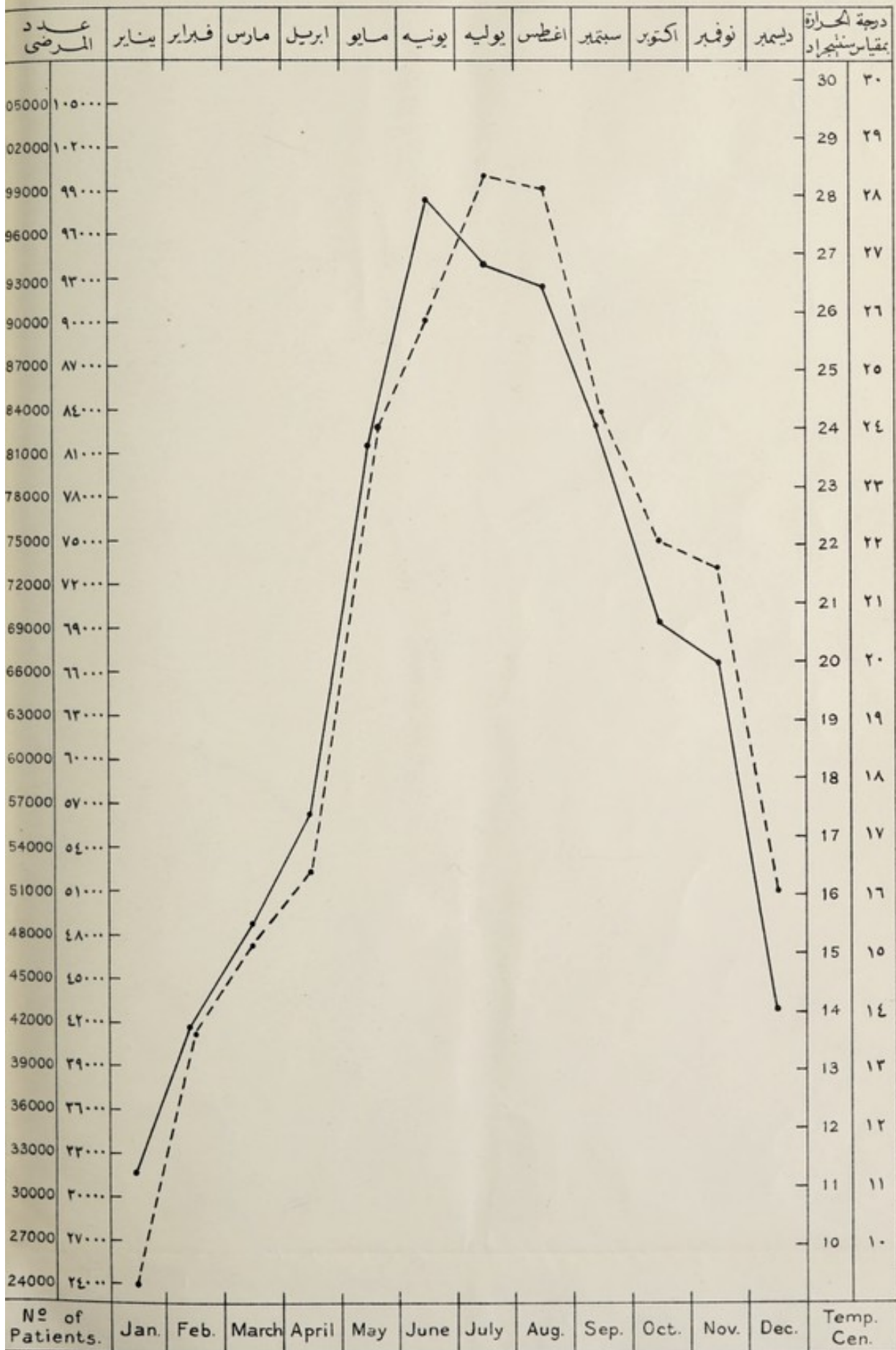
| YEAR | Both Corneas Clear | One Cornea Clear, the other showing Opacity | Opacity of both Corneas |
|-----------|-----------------------|---|----------------------------|
| 1914-1915 | 173 | 54 | 33 |
| 1933-1934 | 305 | 19 | 3 |





الطقس وعدد المرضى الذين عولجوا

TEMPERATURE AND NUMBER OF NEW PATIENTS TREATED



Average Temperature in Degrees Cen. —————

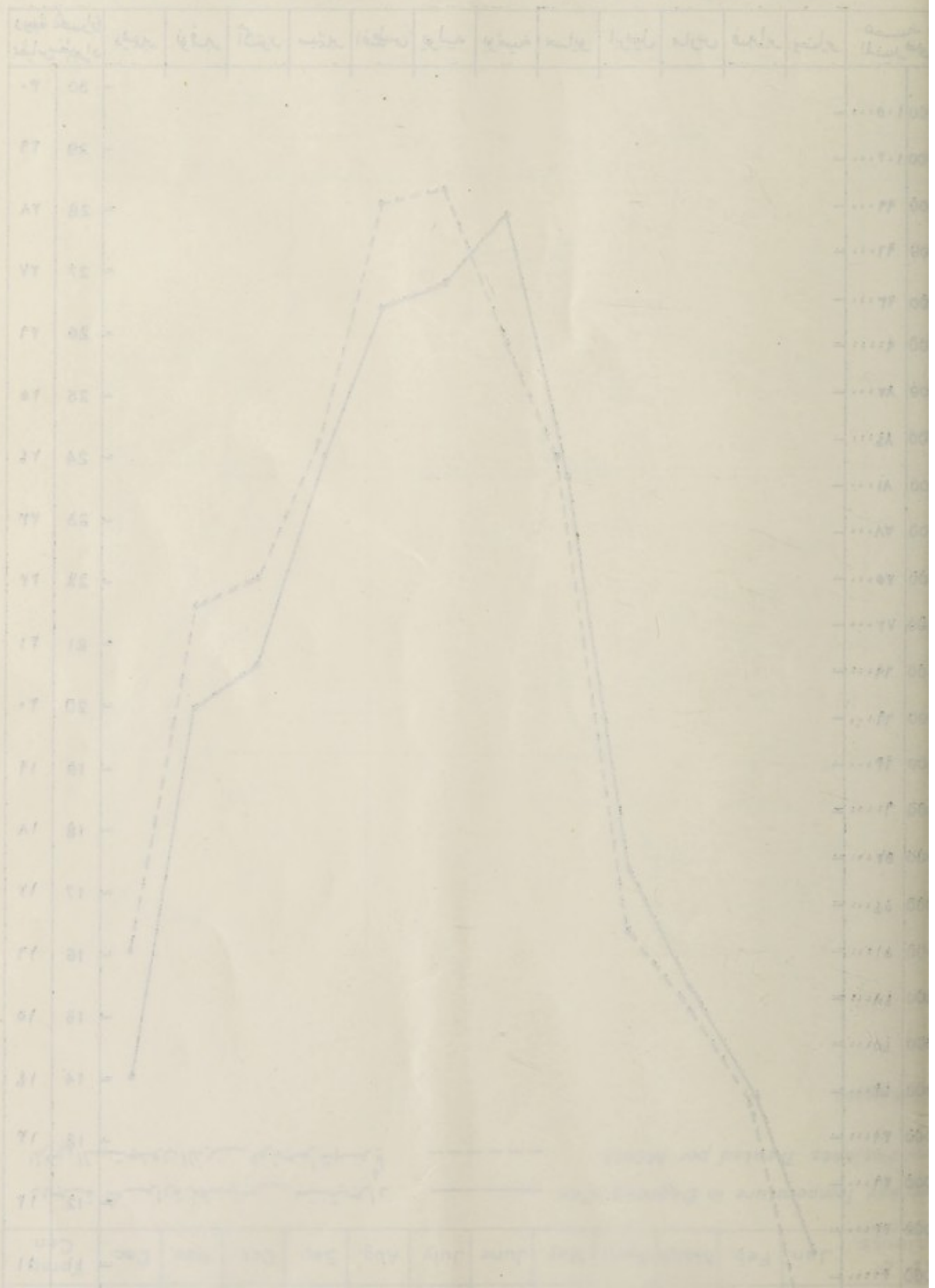
New Patients Treated per Month. - - - - -

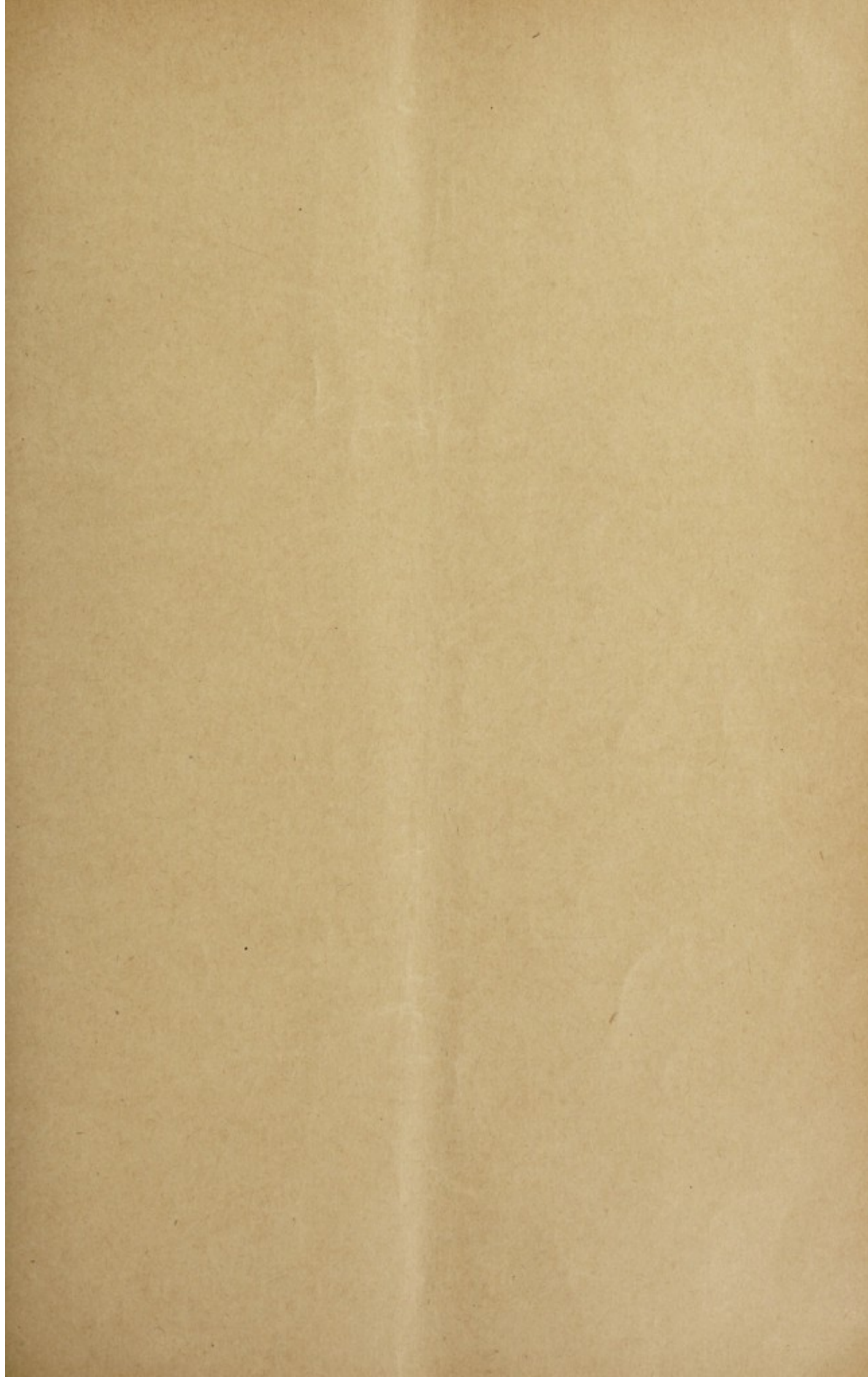
درجة الحرارة بمقياس سنجراد

المرضى المستجدون الذين عولجوا شهرياً

الطبيب وحيد الدين بن قنبر

TEMPERATURE AND NUMBER OF NEW PATIENTS TREATED





U.S. DEPT. OF HEALTH
1 APR 1935
5:50 PM

BUREAU OF TROPICAL DISEASE
LM
2 APR 1935
TROPICAL DISEASE

2