UNION OF SOUTH AFRICA
UNIE VAN SUID-AFRIKA

# Annual Report

of the

# Department of Health

## Year ended 31st December, 1957

*Published by Authority*



Price 7s. 6d.

# Jaarverslag

van die

# Departement van Gesondheid

## Jaar geëindig 31 Desember 1957

*Uitgegee op Gesag*

Prys 7s. 6d.

THE GOVERNMENT PRINTER, PRETORIA
DIE STAATSDRUKKER, PRETORIA

U.G. 10/1959.
G.P.-S.5209075—1958-9—1,280.
Cost of Printing/Drukkoste £350.

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# ANNUAL REPORT

OF THE

# DEPARTMENT OF HEALTH,

YEAR ENDED 31st DECEMBER, 1957.

THE HONOURABLE THE MINISTER OF HEALTH,

SIR,

I have the honour to submit, for your information, the following report on the work of the Department of Health for the year ended 31st December, 1957.

## DEPARTMENT OF HEALTH AS AT 31st DECEMBER, 1957.

Acting Minister of Health: The Hon. J. J. Serfontein.
Secretary and Chief Health Officer: Dr. J. J. du Pré le Roux.
Deputy Chief Health Officer: Dr. B. M. Clark.
Assistant Chief Health Officer: Dr. P. C. Eagle.
Commissioner for Mental Hygiene: Dr. I. R. Vermooten.
Under-Secretary: Mr. N. A. G. Reeler.
Assistant Secretary: Mr. S. C. Schoeman.

The death of the Hon. J. H. Viljoen on the 5th December, 1957, whilst Minister of Health, is recorded with regret.

### APPROVED ESTABLISHMENT.

| *Section.* | *No. of Posts.* | |
|---|---|---|
| Professional Higher— | | |
| Medical Officers | 283 | |
| Other | 7 | |
| | | 290 |
| Administrative | | 65 |
| Professional Lower and Technical | | 164 |
| Clerical | | 358 |
| General— | | |
| Nursing | 2,180 | |
| Other | 1,078 | |
| Non-Europeans | 4,327 | |
| | | 7,585 |
| | | 8,462 |

In addition to the above there are also 388 part-time medical officers.

## TUBERCULOSIS.

Progress can once again be reported in the field of tuberculosis control. During the year the number of beds available for these patients have been increased by 882 to a grand total of 15,539. This was achieved by the construction of new wards and the extension of existing wards at mission hospitals, local authority hospitals and centres of the South African National Tuberculosis Association.

The Department also gave approval to several local authorities for the purchase of their own X-ray units for local use. The number of X-ray units already purchased under this scheme, i.e. subject to seven-eighths refund by the Department, is three. As a result of this scheme more departmental X-ray units could be released to undertake the rural work for which they were originally intended.

During the year 46 local authorities have started with supplementary feeding schemes for indigent out patients suffering from tuberculosis. These schemes are also approved of beforehand by the Department.

# JAARVERSLAG

VAN DIE

# DEPARTEMENT VAN GESONDHEID,

JAAR GEËINDIG 31 DESEMBER 1957.

SY EDELE DIE MINISTER VAN GESONDHEID.

WELEDELE HEER,

Ek het die eer om vir u inligting die volgende verslag oor die werk van die Departement van Gesondheid vir die jaar geëindig 31 Desember 1957 in te dien.

## DEPARTEMENT VAN GESONDHEID SOOS OP 31 DESEMBER 1957.

Waarnemende Minister van Gesondheid: Sy Edele J. J. Serfontein.
Sekretaris en Hoofgesondheidsbeampte: Dr. J. J. du Pré le Roux.
Adjunk-hoofgesondheidsbeampte: Dr. B. M. Clark.
Assistent-hoofgesondheidsbeampte: Dr. P. C. Eagle.
Kommissaris van Geesteshigiëne: Dr. I. R. Vermooten.
Ondersekretaris: Mnr. N. A. G. Reeler.
Assistent-sekretaris: Mnr. S. C. Schoeman.

Dit is met leedwese dat melding gemaak moet word van die heengaan op 5 Desember 1957 van die Minister van Gesondheid, Sy Edele J. H. Viljoen.

### GOEDGEKEURDE DIENSSTAAT.

| *Afdeling.* | *Getal poste.* | |
|---|---|---|
| Vakkundig Hoër— | | |
| Mediese Beamptes | 283 | |
| Ander | 7 | |
| | | 290 |
| Administratief | | 65 |
| Vakkundig Laer en Tegnies | | 164 |
| Klerklik | | 358 |
| Algemeen— | | |
| Verpleging | 2,180 | |
| Ander | 1,078 | |
| Nie-blankes | 4,327 | |
| | | 7,585 |
| | | 8,462 |

Behalwe bogenoemde is daar ook 388 deeltydse mediese beamptes.

## TUBERKULOSE.

Vordering op die gebied van tuberkulosebestryding kan weereens gemeld word. Gedurende die jaar is die getal beskikbare beddens vir hierdie pasiënte met 882 vermeerder tot 'n groottotaal van 15,539. Dit kon bewerkstellig word deur die aanbou van nuwe sale en die uitbreiding van bestaande sale by Sendinghospitale, hospitale van plaaslike besture en sentrums van die Suid-Afrikaanse Nasionale Tuberkulosevereniging.

Die Departement het ook goedkeuring aan verskeie plaaslike besture verleen vir die aankoop van hul eie X-straaleenhede vir plaaslike gebruik. Die getal X-straaleenhede wat volgens hierdie skema aangekoop is, d.w.s. met terugbetaling van sewe-agstes deur die Departement, het drie beloop. Ten gevolge van hierdie skema kon meer departementele X-straaleenhede vir werk op die platteland, waarvoor hulle oorspronklik bedoel was, vrygestel word.

Ses-en-veertig plaaslike besture het gedurende die jaar met aanvullende voedingskemas vir buitepasiënte wat aan tuberkulose ly en behoeftig is, begin. Ook hierdie skemas word vooraf deur die Departement goedgekeur.

The number of schemes for the treatment of out-patients suffering from tuberculosis and which are controlled by local authorities or part-time district surgeons, have increased to 229.

## POLIOMYELITIS.

The epidemic, which started during the previous year and which proved to be the severest and most widely spread in the history of the Union, came to an end during May. During this period 2,601 specimens were sent for examination to the Poliomyelitis Research Foundation. The details of the examinations were as follows:—

> Of the 2,601 specimens 1,625 were negative and 976 positive. Of the 976 positive specimens 652 belonged to poliovirus Type 1, 27 to Type 2, 84 to Type 3, and 213 to the Orphan Type. Towards the end of the year most cases were found to be due to Type 3 poliovirus. As has been noted previously, two waves of infection occurred in the same year, the first due to Type 1 and the following due to Type 3 poliovirus.

Tests to detect the presence of poliovirus a bodies were carried out on members of the nursir staffs of several hospitals, who were assigned for dut .ı isolation wards where cases of poliomyelitis are nursed, on physiotherapy students whose work often brings them into contact with cases of poliomyelitis, and on members of the staffs of medical laboratories who often have to handle infected specimens. It is recommended that individuals lacking all or two of the three poliovirus antibodies should not be allowed to undertake these duties until they have been immunised against poliomyelitis.

The test has also been applied to determine the need of individual children for vaccination. In a few cases it was carried out prior to tonsillectomy to determine whether this operation would expose the child to the danger of bulbar poliomyelitis in a time of epidemic prevalence.

The serology unit of the Foundation has also been responsible for the testing of the potency of the vaccine produced in the laboratories. In these tests guinea pigs are used and generally the results have been satisfactory.

## INFLUENZA.

The epidemic of influenza which occurred in the Union during the year, presented an interesting picture in providing first-hand evidence of the much discussed variation in influenza viruses.

In the early winter months reports of sporadic outbreaks were received. The viruses which were isolated from these cases were found to be related to the A-prime strain (Scandinavian sub-type) which was predominant in Europe in 1956 and which had been encountered in the Union amongst other strains during the winter of 1956. These strains were of particular interest in providing evidence that the Liverpool sub-types of A-prime were being superseded by the Scandinavian types as had happened in Europe.

While work was in progress on these strains reports were received of an epidemic of influenza in the Far East. This was subsequently shown to be due to a new antigenic varient of Influenza A, now known as the Asian strain. This strain was obtained from the World Influenza Centre in London and preparations were made for the production of a vaccine which started in July. The first batch of vaccine was issued during the beginning of July and production continued until the end of September.

The Department of Health was thoroughly prepared for any eventualities. On the 25th of June a meeting was held in Pretoria to discuss Union-wide action in case it became necessary. Several Government Departments, South West Africa, the South African Railways, the South African Medical Association and other interested organizations were represented at this meeting.

Die getal skemas vir die behandeling van tuberkulose buitepasiënte wat deur plaaslike besture en deeltyds distriksgeneeshere beheer word, het tot 229 vermeerder

## POLIOMIËLITIS.

Die epidemie wat gedurende die vorige jaar begin he en geblyk het die ernstigste en wydverspreidste in di geskiedenis van die Unie te wees, het gedurende Mei te einde geloop. Gedurende die tyd is 2,601 monsters n die Poliomiëlitis-navorsingstigting vir ondersoek gestuur Die besonderhede van die ondersoeke is as volg: van di 2,601 monsters was 1,625 negatief en 976 positief; van di 976 positiewe monsters het 652 tot poliovirus tipe 1, 27 tot tipe 2, 84 tot tipe 3, en 213 tot die Orphan-tip behoort. Teen die end van die jaar was die meerderheid van die gevalle toe te skryf aan poliovirus tipe 3. Soos voorheen reeds waargeneem was, het ook in hierdie geva twee golwe van die infeksie gedurende dieselfde jaa voorgekom, die eerste ten gevolge van tipe 1- en di daaropvolgende ten gevolge van tipe 3-poliovirus.

Toetse om die aanwesigheid van poliovirusteenstowwe te bepaal, is gedoen op lede van die verpleegpersoneel, in verskeie hospitale, wat aangewys is vir diens in afsonderingsale waar gevalle van poliomiëlitis behandel word, op leerlingfisioterapeute wie se werk hulle dikwels in aanraking met gevalle van poliomiëlitis bring, en op lede van die personeel van mediese laboratoriums wat dikwels besmette materiaal moet hanteer. Daar word aanbeveel dat persone by wie al drie of twee van die drie poliovirusteenstowwe ontbreek, nie toegelaat moet word om hierdie dienste te verrig voordat hulle teen poliomiëlitis geïmuniseer is nie.

Die toets is ook uitgevoer om die noodsaaklikheid van inenting by indiwiduele kinders vas te stel. In enkele gevalle is dit voor die verwydering van die mangel gedoen om te bepaal of die operasie die kind aan die gevaar van 'n bulbêre poliomiëlitis sou blootstel terwyl die siekte in 'n epidemiese omvang voorkom.

Die serologiese eenheid van die Stigting was ook verantwoordelik vir die toets van die krag van die vaksien wat in die laboratoriums vervaardig word. Marmotte is vir die toetse gebruik en oor die algemeen was die resultate bevredigend.

## GRIEP.

Die griep-epidemie wat gedurende die jaar in die Unie voorgekom het, was besonder interessant ten opsigte van die eerstehandse gegewens oor die veelbesproke verskeidenheid van die griepvirusse. Gedurende die vroeë wintermaande is berigte van sporadiese uitbrekings ontvang. Die virusse wat van hierdie gevalle afgesonder is, het geblyk verwant te wees aan die A-prima-stam (Skandinawiese subtipe) wat in 1956 in Europa oorheersend was en wat ook in die Unie saam met ander stamme gedurende die winter van 1956 aangetref is. Hierdie stamme was van besondere belang daar dit bewys gelewer het dat die Liverpool-subtipes van A-prima besig was om vervang te word deur die Skandinawiese tipes soos in Europa gebeur het.

Terwyl die werk met hierdie stamme aan die gang was, is berigte ontvang van 'n griep-epidemie in die Verre Ooste. Dit het later geblyk die gevolg te wees van 'n nuwe antigeniese variant van Griep A wat nou bekend is as die Oosterse stam. Hierdie stam is verkry van die Wêreldgriepsentrum in Londen en voorbereidings is getref vir die vervaardiging van 'n vaksien, wat aan die begin van Julie 'n aanvang geneem het. Die eerste hoeveelheid vaksien is aan die begin van Julie uitgereik en die vervaardiging het tot die end van September aangehou.

Die Departement van Gesondheid was deeglik voorbereid op enige gebeurlikhede en reeds op 25 Junie is 'n vergadering in Pretoria gehou om 'n landswye optrede, indien dit nodig sou word, te bespreek. Verskeie Staatsdepartemente, Suidwes-Afrika, die Suid-Afrikaanse Spoorweë, die Suid-Afrikaanse Mediese Vereniging en ander belanghebbende organisasies was op die vergadering verteenwoordig.

On the 4th of July another meeting was held which was attended by the Departments of Health and Nutrition and representatives of the Medical Officers of Health group to discuss the arrangements for the feeding of patients, should it become necessary.

The earliest intimation that Asian influenza was prevalent in the Union came from the gold mines of the Witwatersrand in mid-July. By the middle of September the epidemic appeared to be on the wane. As influenza is not a notifiable disease, reliable figures are not available but it is estimated that 30 to 40 per cent of the population was affected. No disruption of essential services, however, occurred. The incidence was greater amongst the Non-Whites than amongst the whites. The disease was mild in type and few deaths were directly attributable to it.

## DIPHTHERIA.

As far as this disease is concerned the situation remains very unsatisfactory. Over the past 10 years the incidence has remained practically unchanged.

The fact that most cases occur in the 1 to 9 year age-group, and especially between the first and fourth year of life, once again compels the Department to appeal to all parents to have their children immunized against this serious disease during the first year of life. This applies just as much to Whites as to Non-Whites.

## TYPHOID FEVER.

Although a gratifying decrease in the mortality occurred over the past six years, due to improved methods of treatment, the incidence of this disease remains disappointingly high without any indication of a noticeable decrease. This is an indication that more rigorous control should be exercised over food-handlers, over the production and treatment of milk, over water supplies, and over sanitary practices especially in rural areas.

## LEGISLATION.

The following legislation, introduced by the Minister of Health, was passed by Parliament during the year:—

(1) The Medical, Dental and Pharmacy Amendment Act, 1957 (No. 11 of 1957).

(2) The Mental Disorders Amendment Act, 1957 (No. 37 of 1957).

(3) The Nursing Act, 1957 (No. 69 of 1957).

## INTERNATIONAL HEALTH.

Dr. B. M. Clark, Deputy Chief Health Officer, attended the following as the Union's representative:—

Tenth meeting of the World Health Organization, held at Geneva from 6th to 25th May, 1957.

Seventh meeting of the Regional Committee for Africa of the World Health Organization, held at Brazzaville from 16th to 22nd September, 1957.

Meeting of the World Health Organization's Committee on International Quarantine, held at Geneva from 19th to 28th October, 1957.

Dr. I. R. Vermooten, Commissioner for Mental Hygiene, attended the International Congress on Psychiatry, held at Zurich from 30th August to 9th September, 1957, as the Union's representative.

Dr. R. Turner, Senior Government Pathologist, ttended the Fourth International Conference on 'oliomyelitis, held at Geneva from 8th to 13th July, 957, as the Union's representative.

Mr. D. H. S. Davis, Ecologist, attended the meeting of he Scientific Council for Africa on Vectors of Diseases, eld at Bukavu from 19th April to 14th May, 1957, as he Union's observer.

Op 4 Julie is 'n verdere vergadering gehou waarop die Departemente van Gesondheid en Voeding en verteenwoordigers van die Mediese Gesondheidsbeamptesgroep aanwesig was om reëlings vir die voeding van pasiënte te bespreek, indien dit nodig sou word.

Die eerste aanduiding dat Oosterse Griep in die Unie heers, het gedurende die middel van Julie van die Witwatersrandse goudmyne gekom. Teen middel September was daar aanduidings dat dit aan die afneem was. Daar griep nie 'n aanmeldbare siekte is nie, is betroubare syfers nie beskikbaar nie, maar daar word bereken dat 30 tot 40 persent van die bevolking aangetas was. Geen noemenswaardige ontwrigting van noodsaaklike dienste het egter voorgekom nie. Die voorkomssyfer was hoër onder die nie-blankes as onder die blankes. Die siekte was van 'n ligte aard en min sterfgevalle was regstreeks daaraan toe te skryf.

## WITSEERKEEL.

Wat hierdie siekte betref, bly die toestand baie onbevredigend. Oor die afgelope tien jaar het die voorkomssyfer feitlik onveranderd gebly.

Die feit dat die meeste gevalle in die ouderdomsgroep 1 tot 9 jaar voorkom, en veral tussen die eerste en vierde lewensjare, noop die Departement om weer eens 'n beroep op alle ouers te doen om hul kinders gedurende die eerste lewensjaar teen hierdie ernstige siekte te laat immuniseer. Dit geld vir sowel blankes as nie-blankes.

## MAAGKOORS.

Hoewel die sterftesyfer ten gevolge van verbeterde behandelingsmetodes oor die afgelope ses jaar verblydend gedaal het, bly die voorkomssyfer teleurstellend hoog sonder enige aanduiding van 'n merkbare daling. Dit is 'n vingerwysing dat strenger beheer uitgeoefen moet word oor diegene wat voedselware hanteer, oor die produksie en behandeling van melk, oor die waterbronne, en oor die sanitêre gebruike veral op die platteland.

## WETGEWING.

Die volgende wetgewing, deur die Minister van Gesondheid ingedien, is gedurende die jaar deur die Parlement aangeneem:—

(1) Die Wysigingswet op Geneeshere, Tandartse en Aptekers, 1957 (No. 11 van 1957).

(2) Die Wysigingswet op Geestesgebreke, 1957 (No. 37 van 1957).

(3) Die Wet op Verpleging, 1957 (No. 69 van 1957).

## INTERNASIONALE GESONDHEID.

Dr. B. M. Clark, Adjunk-hoofgesondheidsbeampte, het die volgende vergaderings as die Unie se verteenwoordiger bygewoon:—

Tiende vergadering van die Wêreldgesondheidsorganisasie, gehou te Genève van 6 tot 25 Mei 1957.

Sewende vergadering van die Streekskomitee vir Afrika van die Wêreldgesondheidsorganisasie, gehou te Brazzaville van 16 tot 22 September 1957.

Vergadering van die Wêreldgesondheidsorganisasie se Komitee vir Internasionale Kwarantyn, gehou te Genève van 19 tot 28 Oktober 1957.

Dr. I. R. Vermooten, Kommissaris van Geesteshigiëne, het die Internasionale Kongres vir Psigiatrie, gehou te Zurich van 30 Augustus tot 9 September 1957, as die Unie se verteenwoordiger bygewoon.

Dr. R. Turner, Senior Staatspatoloog, het die vierde Internasionale Konferensie i.s. Poliomiëlitis, gehou te Genève van 8 tot 13 Julie 1957, as die Unie se verteenwoordiger, bygewoon.

Mnr. D. H. S. Davis, Ekoloog, het die vergadering van die Wetenskaplike Raad vir Afrika i.s. Vektore van Siektes, gehou te Bukavu van 19 April tot 14 Mei 1957, as 'n waarnemer namens die Unie bygewoon.

Dr. E. Foullois, Epidemiologist, attended the second meeting of C.C.T.A. on Statistics, held at Lourenco Marques from 21st to 31st October, 1957, as one of the Union's representatives.

## ACKNOWLEDGEMENTS.

Once again I wish to express my sincere thanks to all Government Departments, the South African Railways and Harbours, the Provincial Administrations, the South African Tuberculosis Association and numerous local authorities for their whole-hearted co-operation with this Department. Special mention must again be made of the Magistrates and Native Commissioners with whom the staff of this Department works in very close collaboration. To all the official bodies closely associated with this Department, I am greatly indebted.

I also wish to assure all members of the staff of the Department of Health of my appreciation of their devotion to duty.

Yours faithfully,
J. J. DU PRÉ LE ROUX,
*Secretary for Health.*

PRETORIA,
30/9/58.

Dr. E. Foullois, Epidemioloog, het die tweede vergadering van C.C.T.A. oor Statistieke, gehou te Lourenco Marques van 21 tot 31 Oktober 1957, as een van die verteenwoordigers van die Unie bygewoon.

## DANKBETUIGINGS.

Weereens wil ek my opregte dank betuig aan alle Staatsdepartemente, die Suid-Afrikaanse Spoorweë en Hawens, die Provinsiale Administrasies, die Suid-Afrikaanse Nasionale Tuberkulosevereniging, en talryke plaaslike besture vir hul hartlike samewerking met hierdie Departement. Spesiale melding moet weer gemaak word van die Landdroste en Naturellekommissarisse met wie die personeel van hierdie Departement baie nou saamwerk. Aan al die amptelike liggame wat nou aan hierdie Departement verbonde is, is ek opregte dank verskuldig.

Ook wil ek alle lede van die personeel van die Departement van Gesondheid van my waardering verseker vir die pligsgetroue wyse waarop hulle hul werk verrig het.

U dienswillige,
J. J. DU PRÉ LE ROUX,
*Sekretaris van Gesondheid.*

PRETORIA,
30/9/1958.

## PUBLICATIONS BY MEMBERS OF THE STAFF.

The following publications and articles were published during the year by members of the staff of this department:—

BRINK, DR. C. J. H., Chief Regional Health Officer, Pietersburg—

"The Dreadful Human Disease—Bilharzia." *Bantu Education Journal*, Vol. III, No. 8, October, 1957, pp. 379–384.

DAVISON, DR. A. R., Medical Superintendent, Westfort Institution, Pretoria, and KOOY, DR. R., Medical Officer, Westfort Institution, Pretoria—

"Is Erythema Nodosum Leprosum a favourable sign?" *International Journal of Leprosy*, Vol. 25, No. 2 of 1957, pp. 91–99.

DAVISON, DR. A. R., Medical Superintendent, Westfort Institution, Pretoria—

"Thiosemicarbazone as an addition in the treatment of Leprosy." *International Journal of Leprosy*, Vol. 23, No. 1, of 1955, pp. 19–22.

"Chemotherapy and Leprosy in South Africa." *East African Medical Journal*, Vol. 34, No. 34, 7 July, 1957, pp. 385–390.

"Diagnosis and Management of Cases of Leprosy." *S.A. Medical Journal*, Vol. 31, No. 13 of 1957, p. 13.

"Control of Leprosy in South Africa." *C.C.T.A. Circular, B.P.I.T.T.*, Publication No. 10/0 of 1957.

"Injectable Sulphone." *Leprosy Review*, Vol. 28, No. 4, October, 1957, pp. 148–149.

KOOY, DR. R., Medical Officer, Westfort Institution, Pretoria—

"The Value of the Histological Criterion for the Classification of Leprosy." *International Journal of Leprosy*, Vol. 23 of 1955, pp. 301–306

"Physiology and Pharmacology of the Skin 1955/56." *Dermatologica*, Vol. 114, No. 1 of 1957, pp. 70–80.

KOOY, DR. R., Medical Officer, Westfort Institution, Pretoria, and GERRITSEN, DR. T., Micro Biologist, C.S.I.R., Pretoria—

"Positive Lepronum Reactions with suspension of normal Tissue Suspensions." *International Journal of Leprosy*, No. 42 of 1957, pp. 171–182.

PEPLER, DR. W. J., Pathologist, S.A. Institute for Medical Research, Johannesburg, KOOY, DR. R., Medical Officer, Westfort Institution, Pretoria, and MARSHALL, DR. J., Senior Lecturer, Department of Dermatology, University of Pretoria—

"The Histopathology of Acute Panniculitis Nodosa." (*Erythema Nodosum Leprosum.*) *International Journal of Leprosy*, Vol. 23, No. 1 of 1955, pp. 53–60.

## PUBLIKASIES DEUR LEDE VAN DIE PERSONEEL.

Die volgende publikasies en artikels deur lede van die Departement het gedurende die jaar verskyn:—

BRINK, DR. C. J. H., Hoofstreekgesondheidsbeampte, Pietersburg—

„The Dreadful Human Disease—Bilharzia." *Die Bantoe Onderwysblad*, Vol. III, No. 8, Oktober 1957, bl. 379–384.

DAVISON, DR. A. R., Mediese Superintendent, Westfortinrigting, Pretoria, en KOOY, DR. R., Mediese Beampte, Westfort-inrigting, Pretoria—

„Is Erythema Nodosum Leprosum a favourable sign?" *International Journal of Leprosy*, Vol. 25, No. 2 van 1957, bl. 91–99.

DAVISON, DR. A. R., Mediese Superintendent, Westfort-inrigting, Pretoria—

„Thiosemicarbazone as an addition in the treatment of Leprosy." *International Journal of Leprosy*, Vol. 23, No. 1 van 1955, bl. 19–22.

„Chemotherapy and Leprosy in South Africa." *East African Medical Journal*, Vol. 34, No. 34, 7 Julie 1957, bl. 385–390.

„Diagnosis and Management of Cases of Leprosy." *S.A. Tydskrif vir Geneeskunde*, Vol. 31, No. 13 van 1957, bl. 13.

„Control of Leprosy in South Africa." *C.C.T.A. Circular, B.P.I.T.T.*, Publikasie No. 10/0 van 1957.

„Injectable Sulphone." *Leprosy Review*, Vol. 28, No. 4, Oktober 1957, bl. 148–149.

KOOY, DR. R., Mediese Beampte, Westfort-inrigting, Pretoria—

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„Physiology and Pharmacology of the Skin 1955/56." *Dermatologica*, Vol. 114, No. 1 van 1957, bl. 70–80.

KOOY, DR. R., Mediese Beampte, Westfort-inrigting, Pretoria, en GERRITSEN, DR. T., Mikro-bioloog, Wetenskaplike en Nywerheidsnavorsingsraad, Pretoria—

„Positive Lepronum Reactions with suspension of Normal Tissue Suspensions." *International Journal of Leprosy* No. 42 van 1957, bl. 171–182.

PEPLER, DR. W. J., Patoloog, Suid-Afrikaanse Instituut vir Mediese Navorsing, Johannesburg, KOOY, DR. R., Mediese Beampte, Westfort-inrigting, Pretoria, en MARSHALL, DR. J., Senior Lektor, Afdeling Dermatologie, Universiteit van Pretoria—

„The Histopathology of Acute Panniculitis Nodosa." (*Erythema Nodosum Leprosum.*) *International Journal of Leprosy*, Vol. 23, No. 1 van 1955, bl. 53–60.

## LIST OF STATISTICAL TABLES.



## LYS VAN STATISTIESE TABELLE.

22. Typhus:—
(*a*) Monthly incidence by province, all races.
(*b*) Number of cases in the Union, all races, 1933–57.

23. Health control at Seaports and Airports:—
(*a*) Union ports: Health measures.
(*b*) Monthly totals of aircraft arriving at sanitary airports from outside the Union.
(*c*) Annual totals of aircraft arriving at Durban airport from outside the Union, 1953–57.

24. Nursing, Maternity and Child Welfare Services:—
(*a*) District nursing services: Number of nurses, etc., in respect of whom subsidies or part-refund of salaries are paid, 1935 and 1953–57.
(*b*) Nursing homes registered, bed accommodation available and personnel of nursing homes at 31st December, 1957.

25. Laboratories and Biological control:—
(*a*) Analyses and examinations.
(*b*) Number of of examinations carried out.
(*c*) Nature of examinations carried out.
(*d*) Work carried out at Government Vaccine Institute, Rosebank, Cape Province.
(*e*) Lymph issued free of charge in the Union.
(*f*) Sales of lymph outside the Union.
(*g*) Total lymph issues.

26. *Food, Drugs and Disinfectants Act, No.* 13 *of* 1929.
Samples taken for examination or analysis.

27. *Medical, Dental and Pharmacy Act, No.* 13 *of* 1928.
(*a*) Prosecutions and convictions under laws relating to habit-forming drugs.
(*b*) Licences and permits issued under the Therapeutic Substances Regulations.
(*c*) Investigations made under the Therapeutic Substances Regulations.
(*d*) Narcotic drugs imported into the Union of South Africa, 1953–57.

22. Vlektifus:—
(*a*) Maandelikse voorkomssyfer volgens provinsies, alle rasse.
(*b*) Getal gevalle in die Unie, alle rasse, 1933–57.

23. Gesondheidsbeheer by see- en lughawens:—
(*a*) Hawens van die Unie: Gesondheidsmaatreëls.
(*b*) Maandelikse totale van vliegtuie wat van buite die Unie by kwarantynlughawens aangekom het.
(*c*) Jaarlikse totale van vliegtuie wat van buite die Unie by die Durbanse lughawe aangekom het, 1953–57.

24. Verpleeg-, kraam- en kindersorgdienste:—
(*a*) Distriksverpleegdienste: Getal verpleegsters, ens., ten opsigte van wie subsidies of gedeeltelike terugbetalings van salarisse betaal word, 1935 en 1953–57.
(*b*) Verpleeginrigtings geregistreer, getal beddens beskikbaar en personeel van verpleeginrigtings op 31 Desember 1957.

25. Laboratoriums en biologiese beheer:—
(*a*) Ontledings en ondersoeke.
(*b*) Getal ondersoeke uitgevoer.
(*c*) Aard van ondersoeke uitgevoer.
(*d*) Werk uitgevoer by Staatsentstofinstituut, Rosebank, Kaapprovinsie.
(*e*) Limf gratis in die Unie uitgereik.
(*f*) Verkope van limf buite die Unie.
(*g*) Totale uitreikings van limf.

26. *Die Wet op Voedingsmiddels, Medisyne en Ontsmettingsmiddels, Wet No.* 13 *van* 1929.
Monsters vir ondersoek of ontleding geneem.

27. *Die Wet op Geneeshere, Tandartse en Aptekers, Wet* No. 13 *van* 1928.
(*a*) Vervolgings en veroordelings kragtens wette betreffende gewoontevormende medisyne.
(*b*) Lisensies en permitte uitgereik kragtens die regulasies op terapeutiese stowwe.
(*c*) Ondersoeke uitgevoer kragtens die regulasies op terapeutiese stowwe.
(*d*) Narkosemiddels in die Unie van Suid-Afrika ingevoer, 1953–57.

TABLE 1.—UNION OF SOUTH AFRICA: SUMMARY OF VITAL STATISTICS OF WHITE POPULATION, 1920–1957.

TABEL 1.—UNIE VAN SUID-AFRIKA: OPSOMMING VAN LEWENSTATISTIEKE VAN BLANKE BEVOLKING, 1920–1957.

| Calendar Year. Kalender-jaar. | White Population (estimated). Blanke bevolking (geraam). | Birth Rate per 1,000 of Population. Geboortesyfer per 1,000 van bevolking. | Death Rate, Actual or Crude, per 1,000 of Population. Sterftesyfer, werklike of onverwerkte, per 1,000 van bevolking. | Death Rate per 100,000 of Population. Sterftesyfer per 100,000 van bevolking. | | | | Percentage of Total Deaths, the Cause of which was Medically Certified. Persentasie van totale sterfgevalle waarvan die oorsaak medies gesertifiseer is. | Infantile Mortality Rate (Deaths of Infants under 1 year per 1,000 Live Births Registered). Babasterftesyfer (sterfgevalle onder babas van minder as een jaar, per 1,000 lewende geboortes geregistreer). | Maternal Mortality Rate (Deaths of Mothers in connection with Pregnancy or Childbirth per 1,000 Live Births Registered). Moedersterftesyfer (sterfgevalle onder moeders in verband met swangerskap of kindergeboorte per 1,000 lewende geboortes geregistreer). | Survival Rate or Rate of Natural Increase (Excess of Births over Deaths per 1,000 of Population). Oorlewingsyfer of natuurlike aanwassyfer (getal geboortes meer as sterfgevalle per 1,000 van bevolking). |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Diseases of Heart and Circulatory System. Siektes van hart en bloedsomloopstelsel. | Pneumonia and Bronchitis. Pneumonie en brongitis. | Cancer. Kanker. | Tuberculosis (All Forms).‡ Tuberkulose (alle vorms.)‡ | | | | |
| 1920..... | 1,499,911 | 28·97 | 11·09 | 95·67* | 113·87* | 58·87* | 45·93* | 79·78 | 90·07 | 4·10* | 17·88 |
| 1921..... | 1,521,343† | 28·44 | 10·41 | 102·91 | 136·15 | 69·09 | 58·26 | 80·76 | 77·09 | 4·94 | 18·03 |
| 1922..... | 1,556,241 | 27·52 | 9·48 | 97·99 | 127·24 | 70·88 | 47·74 | 82·96 | 72·91 | 5·21 | 18·04 |
| 1923..... | 1,579,733 | 26·70 | 9·77 | 108·50 | 120·72 | 78·94 | 46·46 | 82·77 | 74·42 | 5·22 | 16·93 |
| 1924..... | 1,610,774 | 26·29 | 9·62 | 123·92 | 123·79 | 76·36 | 51·59 | 84·74 | 73·73 | 4·75 | 16·67 |
| 1925..... | 1,637,472 | 26·51 | 9·39 | 128·86 | 97·04 | 72·86 | 52·70 | 86·45 | 68·39 | 5·62 | 17·12 |
| 1926..... | 1,676,660† | 26·16 | 9·59 | 127·21 | 113·44 | 71·18 | 53·41 | 87·76 | 64·82 | 4·56 | 16·57 |
| 1927..... | 1,708,955 | 25·95 | 9·73 | 122·76 | 110·42 | 73·20 | 50·50 | 89·93 | 70·62 | 4·80 | 16·22 |
| 1928..... | 1,738,937 | 25·77 | 10·15 | 133·53 | 127·52 | 77·72 | 50·95 | 89·93 | 70·49 | 4·98 | 15·62 |
| 1929..... | 1,767,719 | 26·15 | 9·51 | 127·11 | 104·04 | 77·44 | 45·37 | 90·19 | 64·22 | 5·26 | 16·64 |
| 1930..... | 1,797,900 | 26·44 | 9·69 | 132·33 | 112·87 | 82·62 | 46·78 | 91·15 | 66·84 | 5·26 | 16·75 |
| 1931..... | 1,829,300 | 25·38 | 9·37 | 131·53 | 103·75 | 85·55 | 44·22 | 90·46 | 63·07 | 4·70 | 16·01 |
| 1932..... | 1,859,400 | 24·17 | 9·97 | 137·52 | 113·75 | 89·06 | 42·33 | 90·84 | 68·57 | 5·31 | 14·20 |
| 1933..... | 1,890,300 | 23·55 | 9·35 | 142·52 | 100·30 | 95·33 | 40·68 | 91·45 | 61·01 | 4·81 | 14·20 |
| 1934..... | 1,914,700 | 23·44 | 9·68 | 156·21 | 94·53 | 92·39 | 39·54 | 91·91 | 60·79 | 5·99 | 13·76 |
| 1935..... | 1,973,700 | 24·18 | 10·45 | 169·58 | 131·98 | 95·76 | 40·43 | 92·55 | 62·81 | 4·73 | 13·72 |
| 1936..... | 2,003,334 | 24·21 | 9·57 | 154·38 | 106·19 | 97·28 | 34·40 | 92·88 | 59·06 | 5·10 | 14·64 |
| 1937..... | 2,043,700 | 24·90 | 10·08 | 172·97 | 113·62 | 106·57 | 36·40 | 93·17 | 56·57 | 4·38 | 14·81 |
| 1938..... | 2,081,400 | 25·01 | 9·48 | 153·55 | 102·53 | 103·44 | 38·34 | 94·20 | 51·69 | 3·69 | 15·53 |
| 1939..... | 2,116,500 | 25·29 | 9·40 | 170·42 | 90·05 | 104·75 | 36·19 | 94·32 | 49·48 | 3·61 | 15·88 |
| 1940..... | 2,152,700 | 25·29 | 9·42 | 190·18 | 89·93 | 102·80 | 35·12 | 94·75 | 50·02 | 3·37 | 15·87 |
| 1941..... | 2,188,200 | 24·94 | 9·47 | 197·61 | 86·14 | 109·40 | 34·26 | 94·95 | 50·93 | 2·49 | 15·47 |
| 1942..... | 2,230,000 | 25·18 | 9·35 | 199·69 | 81·97 | 109·33 | 36·19 | 94·83 | 47·52 | 2·83 | 15·83 |
| 1943..... | 2,265,000 | 25·94 | 9·53 | 211·92 | 92·23 | 109·98 | 33·16 | 95·25 | 45·60 | 2·85 | 16·41 |
| 1944..... | 2,300,000 | 26·63 | 9·33 | 214·83 | 84·78 | 111·96 | 34·17 | 95·03 | 42·53 | 2·20 | 17·30 |
| 1945..... | 2,335,000 | 25·48 | 9·32 | 236·10 | 85·65 | 112·59 | 32·46 | 95·59 | 40·33 | 2·10 | 16·16 |
| 1946..... | 2,372,690† | 26·92 | 8·65 | 211·64 | 78·15 | 107·52 | 32·57 | 96·02 | 35·90 | 1·77 | 18·27 |
| 1947..... | 2,434,000 | 27·23 | 8·63 | 219·06 | 77·04 | 107·80 | 31·75 | 96·87 | 34·39 | 1·37 | 18·60 |
| 1948..... | 2,505,000 | 26·54 | 8·90 | 241·90 | 83·80 | 112·70 | 30·81 | 97·20 | 36·00 | 1·50 | 17·60 |
| 1949..... | 2,567,000 | 25·91 | 8·38 | 207·01 | 77·52 | 115·31 | 26·64 | 97·51 | 36·63 | 1·13 | 17·08 |
| 1950..... | 2,610,000 | 25·09 | 8·70 | 202·41 | 72·45 | 118·35 | 24·48 | 97·50 | 35·74 | 0·95 | 16·39 |
| 1951..... | 2,641,689† | 25·07 | 8·82 | 223·63 | 70·60 | 116·07 | 21·41 | 97·90 | 33·52 | 1·12 | 16·25 |
| 1952..... | 2,696,000 | 25·29 | 8·24 | 257·21 | 59·03 | 115·99 | 15·02 | 98·14 | 32·76 | 0·98 | 17·05 |
| 1953..... | 2,752,000 | 25·09 | 8·56 | 268·39 | 59·92 | 119·11 | 9·85 | 98·23 | 32·67 | 1·20 | 16·53 |
| 1954..... | 2,803,000 | 24·59 | 8·60 | 273·92 | 63·72 | 131·39 | 9·35 | 98·45 | 33·34 | 0·74 | 15·99 |
| 1955..... | 2,856,000 | 24·62 | 8·06 | 262·68 | 50·07 | 124·54 | 8·33 | 98·50 | 29·81 | 0·73 | 16·57 |
| 1956..... | 2,907,000 | 24·24 | 8·59 | 275·92 | 59·03 | 130·72 | 8·15 | 98·49 | 31·42 | 0·54 | 15·65 |
| 1957..... | 2,957,000 | 24·79 | 8·54 | 273·05 | 61·65 | 133·48 | 7·0 | 98·87 | 29·13 | 0·48 | 16·25 |

* Medically certified deaths only. Rates for subsequent years calculated on the total deaths registered.—Slegs medies gesertifiseerde sterfgevalle. Syfers vir latere jare bereken volgens die totale getal sterfgevalle geregistreer.

† Actual (per census).—Werklik (volgens sensus).

‡ Includes miner's phthisis combined with pulmonary tuberculosis.—Sluit in myntering saam met longtuberkulose.

## TABLE 2.—BIRTHS REGISTERED BY PROVINCE AND SEX, 1953–1957.

The compulsory registration of births of Natives was extended to the rural areas on the 1st July, 1952, but it will be several years before registration can be regarded as complete. The following table shows the number of births of Whites, Asiatics and Coloureds registered during the past five years, according to provinces and sex, and also indicate the birth rate per thousand of the population.

## TABEL 2.—GEBOORTES GEREGISTREER VOLGENS PROVINSIES EN GESLAGTE, 1953–1957.

Verpligte registrasie van Naturellegeboortes is uitgebrei tot die plattelandse gebiede vanaf 1 Julie 1952, maar dit sal nog 'n paar jaar duur voordat registrasie as volledig beskou kan word. Die volgende tabel gee die getal geboortes van Blankes, Asiate en Kleurlinge wat gedurende die afgelope vyf jaar geregistreer is, ingedeel volgens provinsies en geslagte, en dui ook die geboortesyfer per duisend van die bevolking aan.

| Year. Jaar. | Cape Province. Kaapprovinsie. | | Natal. | | Transvaal. | | Orange Free State. Oranje-Vrystaat. | | Union. Unie. | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Male. Manlik. | Female. Vroulik. | Male. Manlik. | Female. Vroulik. | Male. Manlik. | Female. Vroulik. | Male. Manlik. | Female. Vroulik. | Male. Manlik. | Female. Vroulik. | Total. Totaal. | Birth Rate per 1,000 of the Population. Geboortesyfer per 1,000 van die bevolking. |
| **WHITES.—BLANKES.** | | | | | | | | | | | | |
| 1953 | 12,106 | 11,320 | 3,360 | 3,203 | 17,824 | 16,809 | 3,222 | 2,922 | 36,512 | 34,254 | 70,766 | 25·7 |
| 1954 | 11,282 | 10,962 | 3,312 | 3,102 | 17,176 | 16,370 | 3,436 | 3,284 | 35,206 | 33,718 | 68,924 | 24·6 |
| 1955 | 10,896 | 10,329 | 3,515 | 3,286 | 18,086 | 17,385 | 3,515 | 3,310 | 36,012 | 34,310 | 70,322 | 24·6 |
| 1956 | 11,168 | 10,656 | 3,456 | 3,320 | 17,813 | 16,967 | 3,706 | 3,383 | 36,143 | 34,326 | 70,469 | 24·2 |
| 1957 | 11,437 | 10,737 | 3,584 | 3,475 | 18,764 | 18,113 | 3,662 | 3,529 | 37,447 | 35,854 | 73,301 | 24·8 |
| **ASIATICS.—ASIATE.** | | | | | | | | | | | | |
| 1953 | 342 | 348 | 5,255 | 5,202 | 1,077 | 1,013 | 1 | — | 6,675 | 6,563 | 13,238 | 34·2 |
| 1954 | 357 | 322 | 5,443 | 5,619 | 1,116 | 1,019 | 1 | — | 6,917 | 6,961 | 13,877 | 34·7 |
| 1955 | 254 | 286 | 5,802 | 5,847 | 1,036 | 972 | — | — | 7,092 | 7,105 | 14,197 | 34·6 |
| 1956 | 280 | 296 | 5,327 | 5,308 | 1,010 | 913 | 2 | — | 6,619 | 6,517 | 13,136 | 31·2 |
| 1957 | 318 | 287 | 5,464 | 5,414 | 1,021 | 982 | — | — | 6,803 | 6,683 | 13,486 | 31·29 |
| **COLOUREDS.—KLEURLINGE.** | | | | | | | | | | | | |
| 1953 | 24,190 | 25,527 | 766 | 703 | 1,692 | 1,631 | 315 | 295 | 28,963 | 28,156 | 57,119 | 48·8 |
| 1954 | 26,391 | 25,773 | 723 | 654 | 1,724 | 1,646 | 187 | 197 | 29,023 | 28,270 | 57,293 | 47·3 |
| 1955 | 26,434 | 26,082 | 606 | 546 | 1,704 | 1,622 | 275 | 243 | 29,019 | 28,493 | 57,512 | 46·3 |
| 1956 | 27,195 | 26,699 | 649 | 618 | 1,445 | 1,462 | 231 | 237 | 29,520 | 29,016 | 58,536 | 45·7 |
| 1957 | 29,293 | 28,750 | 624 | 672 | 1,613 | 1,524 | 225 | 223 | 31,755 | 31,169 | 62,924 | 47·7 |

## TABLE 3.—DEATHS REGISTERED BY PROVINCE AND SEX, 1953–1957.

In the same way as the registration of births of Natives was made compulsory in rural areas, so the compulsory registration of Native deaths was extended to these areas as from the 1st July, 1952, but for various reasons reliable figures are not yet available. The following is a table indicating registered deaths of Whites, Asiatics and Coloureds in the different provinces, according to sex and showing also the death rate per thousand of the population.

## TABEL 3.—STERFGEVALLE GEREGISTREER VOLGENS PROVINSIES EN GESLAGTE, 1953–1957.

Net soos die registrasie van Naturellegeboortes in die platteland verpligtend gemaak is, so ook is die verpligte registrasie van Naturellesterfgevalle vanaf 1 Julie 1952 tot die platteland uitgebrei, maar om verskeie redes is betroubare gegewens nog nie beskikbaar nie. Die volgende is 'n tabel van geregistreerde sterfgevalle van Blankes, Asiate en Kleurlinge in die onderskeie provinsies, volgens geslagte, en met aanduiding van die sterftesyfer per duisend van die bevolking.

| Year. Jaar. | Cape Province. Kaapprovinsie. | | Natal. | | Transvaal. | | Orange Free State. Oranje-Vrystaat. | | Union. Unie. | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Male. Manlik. | Female. Vroulik. | Male. Manlik. | Female. Vroulik. | Male. Manlik. | Female. Vroulik. | Male. Manlik. | Female. Vroulik. | Male. Manlik. | Female. Vroulik. | Total. Totaal. | Death Rate per 1,000 of the Population. Sterftesyfer per 1,000 van die bevolking. |
| **WHITES.—BLANKES.** | | | | | | | | | | | | |
| 1953 | 4,872 | 3,733 | 1,517 | 1,122 | 6,029 | 4,231 | 1,171 | 890 | 13,589 | 9,976 | 23,565 | 8·6 |
| 1954 | 5,152 | 3,852 | 1,559 | 1,152 | 6,049 | 4,214 | 1,287 | 841 | 14,047 | 10,059 | 24,106 | 8·6 |
| 1955 | 4,798 | 3,678 | 1,576 | 1,148 | 5,877 | 3,960 | 1,122 | 854 | 13,373 | 9,640 | 23,013 | 8·1 |
| 1956 | 5,176 | 3,966 | 1,638 | 1,238 | 6,391 | 4,353 | 1,288 | 931 | 14,493 | 10,488 | 24,981 | 8·6 |
| 1957 | 5,004 | 3,851 | 1,698 | 1,341 | 6,532 | 4,669 | 1,253 | 896 | 14,487 | 10,757 | 25,244 | 8·5 |
| **ASIATICS.—ASIATE.** | | | | | | | | | | | | |
| 1953 | 114 | 43 | 1,715 | 1,285 | 242 | 180 | 1 | — | 2,072 | 1,508 | 3,580 | 9·3 |
| 1954 | 147 | 53 | 1,555 | 1,293 | 267 | 177 | — | — | 1,969 | 1,523 | 3,492 | 8·7 |
| 1955 | 120 | 53 | 1,728 | 1,318 | 269 | 170 | 1 | — | 2,118 | 1,541 | 3,659 | 8·9 |
| 1956 | 119 | 44 | 1,642 | 1,303 | 263 | 153 | — | — | 2,024 | 1,500 | 3,524 | 8·4 |
| 1957 | 126 | 54 | 1,784 | 1,405 | 280 | 202 | — | — | 2,190 | 1,661 | 3,851 | 8·9 |
| **COLOUREDS.—KLEURLINGE.** | | | | | | | | | | | | |
| 1953 | 10,023 | 8,794 | 226 | 159 | 814 | 645 | 183 | 140 | 11,246 | 9,738 | 20,984 | 17·9 |
| 1954 | 10,160 | 9,043 | 198 | 171 | 735 | 645 | 165 | 147 | 11,258 | 10,006 | 21,264 | 17·6 |
| 1955 | 10,016 | 8,900 | 206 | 170 | 732 | 639 | 183 | 170 | 11,137 | 9,879 | 21,016 | 16·9 |
| 1956 | 10,529 | 8,978 | 216 | 162 | 751 | 613 | 205 | 151 | 11,701 | 9,904 | 21,605 | 16·9 |
| 1957 | 10,372 | 8,911 | 230 | 172 | 824 | 637 | 199 | 162 | 11,625 | 9,882 | 21,507 | 16·3 |

TABLE 4.—BIRTHS, DEATHS UNDER ONE YEAR AND INFANTILE MORTALITY RATE, 1953–1957.

TABEL 4.—GEBOORTES, STERFGEVALLE ONDER EEN JAAR EN BABASTERFTESYFER, 1953–1957.

| Year. Jaar. | Cape Province. Kaapprovinsie. | | | Natal. | | | Transvaal. | | | Orange Free State. Oranje-Vrystaat. | | | Union. Unie. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Births Registered. Geboortes geregistreer. | Deaths. Sterfgevalle. | Death-rate per 1,000 Births. Sterftesyfer per 1,000 geboortes. | Births Registered. Geboortes geregistreer. | Deaths. Sterfgevalle. | Death-rate per 1,000 Births. Sterftesyfer per 1,000 geboortes. | Births Registered. Geboortes geregistreer. | Deaths. Sterfgevalle. | Death-rate per 1,000 Births. Sterftesyfer per 1,000 geboortes. | Births Registered. Geboortes geregistreer. | Deaths. Sterfgevalle. | Death-rate per 1,000 Births. Sterftesyfer per 1,000 geboortes. | Births Registered. Geboortes geregistreer. | Deaths. Sterfgevalle. | Death-rate per 1,000 Births. Sterftesyfer per 1,000 geboortes. |
| WHITES.—BLANKES. | | | | | | | | | | | | | | | |
| 1953 | 22,497 | 660 | 29·30 | 6,483 | 196 | 30·20 | 33,860 | 1,161 | 34·30 | 6,209 | 239 | 38·50 | 69,049 | 2,256 | 32·70 |
| 1954 | 22,244 | 693 | 31·15 | 6,414 | 184 | 28·69 | 33,546 | 1,183 | 35·27 | 6,720 | 238 | 35·42 | 68,924 | 2,298 | 33·34 |
| 1955 | 21,225 | 636 | 29·96 | 6,801 | 157 | 23·08 | 35,471 | 1,085 | 30·59 | 6,825 | 218 | 31·94 | 70,332 | 2,096 | 29·80 |
| 1956 | 21,824 | 644 | 29·51 | 6,776 | 192 | 28·34 | 34,780 | 1,117 | 32·12 | 7,089 | 259 | 36·54 | 70,469 | 2,212 | 31·39 |
| 1957 | 22,174 | 609 | 27·46 | 7,059 | 193 | 27·34 | 36,877 | 1,123 | 30·45 | 7,191 | 210 | 29·20 | 73,301 | 2,135 | 29·13 |
| ASIATICS.—ASIATE. | | | | | | | | | | | | | | | |
| 1953 | 685 | 28 | 40·88 | 10,837 | 736 | 67·92 | 2,005 | 131 | 65·34 | — | — | — | 13,527 | 895 | 66·16 |
| 1954 | 679 | 45 | 66·27 | 11,062 | 641 | 57·95 | 2,135 | 152 | 71·19 | — | — | — | 13,877 | 838 | 60·39 |
| 1955 | 540 | 33 | 61·11 | 11,649 | 725 | 62·24 | 2,008 | 137 | 68·23 | — | 1 | — | 14,197 | 895 | 63·04 |
| 1956 | 576 | 35 | 60·76 | 10,636 | 731 | 68·73 | 1,924 | 109 | 56·65 | — | — | — | 13,136 | 875 | 66·61 |
| 1957 | 605 | 43 | 71·07 | 10,878 | 740 | 68·03 | 2,003 | 129 | 64·40 | — | — | — | 13,486 | 912 | 67·63 |
| COLOUREDS.—KLEURLINGE. | | | | | | | | | | | | | | | |
| 1953 | 50,699 | 6,695 | 132·05 | 1,356 | 104 | 76·70 | 3,217 | 474 | 147·34 | 428 | 82 | 191·59 | 55,700 | 7,355 | 132·05 |
| 1954 | 52,161 | 6,762 | 129·64 | 1,377 | 97 | 70·44 | 3,371 | 425 | 126·37 | 384 | 87 | 226·56 | 57,293 | 7,372 | 128·67 |
| 1955 | 52,516 | 7,109 | 135·37 | 1,152 | 82 | 71·18 | 3,326 | 435 | 130·79 | 518 | 108 | 208·49 | 57,512 | 7,734 | 134·48 |
| 1956 | 53,894 | 7,470 | 138·61 | 1,267 | 82 | 64·72 | 2,907 | 421 | 144·82 | 468 | 106 | 226·50 | 58,536 | 8,069 | 137·85 |
| 1957 | 58,043 | 7,342 | 126·49 | 1,296 | 104 | 80·25 | 3,137 | 416 | 132·61 | 448 | 108 | 241·07 | 62,924 | 7,970 | 126·66 |

TABLE 5.—CAUSES OF DEATH (ABBREVIATED INTERNATIONAL LIST), 1st JANUARY, 1953 TO 31st DECEMBER, 1957. || TABEL 5.—DOODSOORSAKE (VERKORTE INTERNASIONALE LYS), 1 JANUARIE 1953 TOT 31 DESEMBER 1957.

| Cause of Death.—Doodsoorsaak. | | 1953. Whites.—Blanke. Uncertified. Ongesertifiseer. M. | F. | T. | Certified and Uncertified. Gesertifiseer en Ongesertifiseer. M. | F. | T. | 1954. Whites.—Blanke. Certified and Uncertified. Gesertifiseer en Ongesertifiseer. M. | F. | T. | 1955. Whites.—Blanke. Certified and Uncertified. Gesertifiseer en Ongesertifiseer. M. | F. | T. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B 1. Tuberculosis of respiratory system—Tuberkulose van die asemhalingsstelsel | 001-008 | 3 | 3 | 6 | 146 | 74 | 220 | 143 | 58 | 201 | 149 | 48 | 197 |
| B 2. Tuberculosis, other forms—Tuberkulose, ander vorms | 010-019 | — | — | — | 27 | 24 | 51 | 45 | 16 | 61 | 27 | 14 | 41 |
| B 3. Syphilis and its sequelae—Sifilis en die gevolge daarvan | 020-029 | — | 1 | 1 | 64 | 31 | 95 | 93 | 29 | 122 | 84 | 27 | 111 |
| B 4. Typhoid fever—Maagkoorts | 040 | — | — | — | 6 | 4 | 10 | 3 | 3 | 6 | 8 | 3 | 11 |
| B 5. Cholera—Cholera | 043 | — | — | — | — | — | — | — | — | — | — | — | — |
| B 6. Dysentery, all forms—Disenterie, alle vorms | 045-048 | — | — | — | 11 | 9 | 20 | 12 | 5 | 17 | 9 | 8 | 17 |
| B 7. Scarlet fever and streptococcal sore throat—Skarlakenkoors en streptokokkeseerkeel | 050, 051 | — | — | — | — | — | — | — | — | — | 3 | — | 3 |
| B 8. Diphtheria—Witseerkeel | 055 | — | — | — | 42 | 51 | 93 | 36 | 11 | 49 | 50 | 27 | 77 |
| B 9. Whooping cough—Kinkhoes | 056 | — | — | — | 5 | 7 | 12 | 17 | 13 | 30 | 11 | 6 | 17 |
| B 10. Meningococcal infections—Meningocockeinfeksiesiekte | 057 | 1 | — | 1 | 14 | 13 | 27 | 15 | 13 | 28 | 6 | 6 | 12 |
| B 11. Plague—Pes | 058 | — | — | — | — | — | — | — | — | — | — | — | — |
| B 12. Acute Poliomyelitis—Akute Poliomiellitis | 060 | — | — | — | 13 | 11 | 24 | 28 | 12 | 40 | 29 | 14 | 43 |
| B 13. Smallpox—Pokkies | 084 | — | — | — | — | — | — | — | — | — | — | — | — |
| B 14. Measles—Maasls | 085 | — | — | — | 15 | 7 | 22 | 7 | 5 | 12 | 22 | 15 | 37 |
| B 15. Typhus and other rickettsial diseases (Rickettsioses)—Vlektifus en vlektifusagtige siektes | 100-108 | — | — | — | 1 | 2 | 3 | — | — | — | 1 | — | 1 |
| B 16. Malaria—Malaria | 130-137 | — | — | — | 7 | 8 | 15 | — | 2 | 2 | 3 | 3 | 6 |
| B 17. All other diseases classified as infective and parasitic—Alle ander siektes as besmettlik en parasiteis geklassifiseer | 030-039, 041-042, 044-049, 052-054, 059-074, 081-083, 086-096, 120-124 | — | — | — | 40 | 32 | 72 | 49 | 34 | 83 | 44 | 37 | 81 |
| B 18. Malignant neoplasms, including neoplasms of lymphatic and haematopoietic tissues—Kwaadaardige gewasse met inbegrip van gewasse van limf- en bloedvormende weefsels | 140-205 | 26 | 20 | 46 | 1,819 | 1,685 | 3,504 | 2,059 | 1,624 | 3,683 | 1,976 | 1,623 | 3,599 |
| B 19. Benign and unspecified neoplasms—Goedaardige en ongespesifiseerde gewasse | 210-239 | — | 2 | 2 | 40 | 60 | 100 | 19 | 44 | 63 | 36 | 43 | 79 |
| B 20. Diabetes mellitus—Diabetes mellitus (suikersiekte) | 260 | 3 | 1 | 4 | 72 | 147 | 219 | 95 | 169 | 264 | 91 | 148 | 239 |
| B 21. Anaemias—Anemieë | 290-293 | — | — | — | 18 | 46 | 42 | 16 | 31 | 47 | 20 | 27 | 47 |
| B 22. Vascular lesions affecting central nervous system—Bloedvatlesiels wat die sentrale senuweestelsels aantas | 330-334 | 18 | 12 | 30 | 1,084 | 1,318 | 2,402 | 1,106 | 1,335 | 2,441 | 982 | 1,267 | 2,249 |
| B 23. Non-meningococcal meningitis—Nie-meningiokokkemeningitis | 340 | 1 | 1 | 2 | 34 | 25 | 59 | 35 | 27 | 62 | 29 | 36 | 65 |
| B 24. Rheumatic fever—Reumatiekkoors | 400-405 | — | — | — | 5 | 7 | 12 | 7 | 10 | 17 | 9 | 4 | 13 |
| B 25. Chronic rheumatic heart disease—Chroniese reumatiekhartkwaal | 410-416 | — | — | — | 62 | 78 | 140 | 67 | 66 | 133 | 57 | 49 | 81 |
| B 26. Arteriosclerotic and degenerative heart disease—Arteriosklerotiese en ontaardingshartkwaal | 420-422 | 40 | 12 | 52 | 1,375 | 1,801 | 3,176 | 1,365 | 1,880 | 3,445 | 1,424 | 1,900 | 3,324 |
| B 27. Other diseases of the heart—Ander siektes van die hart | 430-434 | 1 | 1 | 2 | 46 | 39 | 85 | 54 | 31 | 87 | 14 | 26 | 40 |
| B 28. Hypertension with heart disease—Drukverhogingsiekte met hartkwaal | 440-443 | 3 | 1 | 4 | 286 | 321 | 611 | 265 | 199 | 464 | 266 | 130 | 396 |
| B 29. Hypertension without mention of heart disease—Drukverhoging sonder vermelding van hartkwaal | 444-447 | 3 | 1 | 4 | 118 | 134 | 252 | 92 | 115 | 207 | 90 | 115 | 205 |
| B 30. Influenza—Influenza | 480-483 | — | 1 | 1 | 23 | 20 | 43 | 36 | 55 | 91 | 23 | 27 | 50 |
| B 31. Pneumonia—Pneumonie | 490-493 | 13 | 10 | 23 | 779 | 605 | 1,384 | 845 | 665 | 1,510 | 675 | 539 | 1,214 |
| B 32. Bronchitis—Bronchitis | 500-502 | 3 | — | 3 | 188 | 76 | 264 | 192 | 64 | 256 | 162 | 54 | 216 |
| B 33. Ulcer of stomach and duodenum—Maag- en duodenumseer | 540-541 | — | — | — | 126 | 31 | 157 | 113 | 26 | 139 | 114 | 31 | 145 |
| B 34. Appendicitis—Blindedarmontsteking | 550-553 | — | — | — | 43 | 28 | 71 | 39 | 20 | 59 | 40 | 16 | 56 |
| B 35. Intestinal obstruction and hernia—Darmversopping en breuk | 560-561 | — | 1 | 1 | 117 | 75 | 192 | 100 | 74 | 174 | 90 | 85 | 175 |
| B 36. Gastritis, duodenitis, enteritis and colitis, except diarrhoea of the new-born—Gastritis, duodenitis, dermontsteking en kolitis met uitsondering van diarree by die pasgeborene | 570, 543, 571-572 | 9 | 2 | 11 | 293 | 215 | 508 | 201 | 220 | 421 | 227 | 206 | 433 |
| B 37. Cirrhosis of liver—Leweversirose | 581 | — | — | — | 132 | 61 | 193 | 126 | 47 | 173 | 105 | 60 | 165 |
| B 38. Nephritis and nephrosis—Nefritis en nefrose | 590-594 | — | 1 | 1 | 228 | 218 | 446 | 237 | 185 | 422 | 195 | 171 | 366 |
| B 39. Hyperplasia of prostate—Hiperplasie van die prostaat | 610 | — | — | — | 223 | — | 223 | 237 | — | 237 | 214 | — | 214 |
| B 40. Complications of pregnancy, childbirth and the puerperium—Swangerskap-, bevalling- en kraamsyfiekomplikasies | 640-657, 670-689 | — | — | — | — | 83 | 83 | — | 51 | 51 | — | 51 | 51 |
| B 41. Congenital malformations—Aangebore misvorming | 750-759 | 1 | 2 | 3 | 157 | 148 | 305 | 117 | 162 | 279 | 168 | 139 | 307 |
| B 42. Birth injuries, postnatal asphyxia and atelectasis—Beserring by geboorte, versukking en atelektase net na die geboorte | 760-763 | 3 | 2 | 4 | 209 | 153 | 362 | 229 | 164 | 393 | 243 | 141 | 384 |
| B 43. Infections of the new-born—Besmetting van die pasgeborene | 763-768 | — | — | — | 13 | 11 | 24 | 19 | 7 | 26 | 16 | 13 | 29 |
| B 44. Other diseases peculiar to early infancy and immaturity unqualified—Ander siektes sie aan die vroeë kindertjare en onomskrewe onontwikkeldheid | 769-776 | 4 | 8 | 12 | 416 | 295 | 711 | 406 | 303 | 709 | 419 | 274 | 693 |
| B 44. Other diseases peculiar to early infancy and immaturity unqualified—Ander siektes sie aan die vroeë kindertjare en onomskrewe onontwikkeldheid | 780-795 | 83 | 73 | 156 | 646 | 631 | 1,277 | 629 | 670 | 1,299 | 619 | 671 | 1,290 |
| B 45. Senility without mention of psychosis, ill-defined and unknown causes—Senilisiet sonder vermelding van psigose, slegs omskrewe en onbekende oorsake | 797 | 19 | 8 | 27 | 1,326 | 989 | 2,295 | 1,364 | 979 | 2,343 | 1,355 | 982 | 2,317 |
| B 46. All other diseases—Alle ander siektes | 1810-1895 | 3 | 2 | 5 | 449 | 113 | 562 | 409 | 102 | 511 | 428 | 98 | 526 |
| BE 47. Motor vehicle accidents—Motorvoertuigongelukke | 1800-1803 | — | — | — | — | — | — | — | — | — | — | — | — |
| BE 48. All other accidents—Alle ander ongelukke | 1840-1963 | 3 | 2 | 9 | 562 | 280 | 842 | 562 | 277 | 839 | 348 | 245 | 591 |
| | 1970-1979 | 4 | 1 | 5 | 267 | 61 | 328 | 247 | 63 | 310 | 267 | 56 | 323 |
| BE 49. Suicide and self-inflicted injury—Selfmoord en selfbeugdende beering | 1980-1999 | — | 1 | 1 | 34 | 27 | 61 | 54 | 17 | 71 | 50 | 16 | 66 |
| BE 50. Homicide and operations of war—Manslag en krygsverrigtinge | | — | — | — | — | — | — | — | — | — | — | — | — |
| TOTAL—TOTAAL | | 246 | 170 | 416 | 11,589 | 9,976 | 21,565 | 14,047 | 10,059 | 24,106 | 13,373 | 9,640 | 23,013 |

| Cause of Death.—Doodsoorsaak. | | 1956. Whites.—Blanke. Certified and Uncertified. Gesertifiseer en Ongesertifiseer. M. | F. | T. | Asiatics.—Asiate. Certified and Uncertified. Gesertifiseer en Ongesertifiseer. M. | F. | T. | Coloureds and mixed. Kleurlinge en gemeng. Certified and Uncertified. Gesertifiseer en Ongesertifiseer. M. | F. | T. | 1957. Whites.—Blanke. Certified and Uncertified. Gesertifiseer en Ongesertifiseer. M. | F. | T. | Asiatics.—Asiate. Certified and Uncertified. Gesertifiseer en Ongesertifiseer. M. | F. | T. | Coloureds and mixed. Kleurlinge en gemeng. Certified and Uncertified. Gesertifiseer en Ongesertifiseer. M. | F. | T. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B 1. Tuberculosis of respiratory system—Tuberkulose van die asemhalingsstelsel | 001-008 | 158 | 43 | 201 | 38 | 33 | 71 | 858 | 567 | 1,425 | 139 | 43 | 182 | 40 | 30 | 70 | 848 | 575 | 1,423 |
| B 2. Tuberculosis, other forms—Tuberkulose, ander vorms | 010-019 | 23 | 13 | 36 | 11 | 18 | 29 | 181 | 152 | 333 | 16 | 8 | 24 | 14 | 12 | 26 | 209 | 173 | 382 |
| B 3. Syphilis and its sequelae—Sifilis en die gevolge daarvan | 020-029 | 79 | 32 | 111 | 2 | 3 | 10 | 152 | 24 | 206 | 59 | 26 | 85 | 10 | 4 | 14 | 98 | 51 | 149 |
| B 4. Typhoid fever—Maagkoorts | 040 | 4 | 1 | 5 | — | 1 | 1 | 18 | 12 | 30 | 5 | 6 | 11 | 7 | — | 7 | 10 | 8 | 18 |
| B 5. Cholera—Cholera | 043 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| B 6. Dysentery, all forms—Disenterie, alle vorms | 045-048 | 14 | 7 | 21 | 18 | 13 | 31 | 16 | 20 | 36 | 9 | 11 | 20 | 14 | 8 | 22 | 31 | 20 | 51 |
| B 7. Scarlet fever and streptococcal sore throat—Skarlakenkoors en streptokokkeseerkeel | 050, 051 | 1 | — | 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| B 8. Diphtheria—Witseerkeel | 055 | 37 | 39 | 76 | 10 | 12 | 22 | 36 | 44 | 78 | 36 | 27 | 53 | 3 | 1 | 10 | 30 | 40 | 70 |
| B 9. Whooping cough—Kinkhoes | 056 | 11 | 6 | 17 | 1 | 3 | 4 | 65 | 92 | 159 | 12 | 9 | 22 | 7 | 2 | 12 | 96 | 158 | 218 |
| B 10. Meningococcal infections—Meningocockeinfeksiesiekte | 057 | 18 | 8 | 26 | — | — | — | 24 | 16 | 40 | 12 | 9 | 22 | 7 | 2 | 9 | 9 | 10 | 19 |
| B 11. Plague—Pes | 058 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| B 12. Acute Poliomyelitis—Akute Poliomiellitis | 060 | 83 | 68 | 151 | 4 | 2 | 6 | 13 | 9 | 22 | 66 | 49 | 115 | — | 1 | 1 | 21 | 11 | 32 |
| B 13. Smallpox—Pokkies | 084 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| B 14. Measles—Maasls | 085 | 20 | 14 | 34 | 9 | 8 | 17 | 65 | 78 | 143 | 13 | 8 | 23 | 8 | 12 | 20 | 105 | 96 | 201 |
| B 15. Typhus and other rickettsial diseases (Rickettsioses)—Vlektifus en vlektifusagtige siektes | 100-108 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| B 16. Malaria—Malaria | 130-137 | 5 | 3 | 8 | — | — | — | 2 | 2 | 4 | 1 | — | 1 | — | — | — | — | — | — |
| B 17. All other diseases classified as infective and parasitic—Alle ander siektes as besmettlik en parasiteis geklassifiseer | 030-039, 041-042, 044-049, 052-054, 059-074, 081-083, 086-096, 120-124 | 51 | 37 | 88 | 22 | 12 | 34 | 133 | 106 | 239 | 58 | 43 | 101 | 25 | 19 | 44 | 117 | 112 | 229 |
| B 18. Malignant neoplasms, including neoplasms of lymphatic and haematopoietic tissues—Kwaadaardige gewasse met inbegrip van gewasse van limf- en bloedvormende weefsels | 140-205 | 1,718 | 1,806 | 3,524 | 172 | 101 | 274 | 455 | 589 | 1,044 | 1,054 | 1,507 | 2,561 | 162 | 113 | 275 | 462 | 591 | 1,053 |
| B 19. Benign and unspecified neoplasms—Goedaardige en ongespesifiseerde gewasse | 210-239 | 51 | 50 | 101 | 2 | 1 | 3 | 5 | 14 | 19 | 31 | 38 | 69 | 7 | 14 | 21 | 64 | 49 | 113 |
| B 20. Diabetes mellitus—Diabetes mellitus (suikersiekte) | 260 | 93 | 151 | 244 | 15 | 10 | 25 | 17 | 31 | 52 | 98 | 166 | 262 | 24 | 26 | 50 | 19 | 49 | 68 |
| B 21. Anaemias—Anemieë | 290-293 | 26 | 40 | 66 | 6 | 8 | 14 | 4 | 7 | 11 | 20 | 30 | 50 | 2 | 7 | 9 | 8 | 9 | 17 |
| B 22. Vascular lesions affecting central nervous system—Bloedvatlesiels wat die sentrale senuweestelsels aantas | 330-334 | 1,122 | 1,404 | 2,526 | 172 | 102 | 274 | 455 | 589 | 1,044 | 1,054 | 1,507 | 2,561 | 162 | 113 | 275 | 462 | 591 | 1,053 |
| B 23. Non-meningococcal meningitis—Nie-meningiokokkemeningitis | 340 | 37 | 17 | 54 | 11 | 4 | 15 | 76 | 42 | 118 | 31 | 38 | 69 | 7 | 14 | 21 | 64 | 49 | 113 |
| B 24. Rheumatic fever—Reumatiekkoors | 400-405 | 5 | 3 | 8 | 1 | 3 | 12 | 5 | 8 | 13 | 2 | 3 | 5 | 4 | 9 | 13 | 12 | 13 | 25 |
| B 25. Chronic rheumatic heart disease—Chroniese reumatiekhartkwaal | 410-416 | 47 | 60 | 107 | 13 | 24 | 39 | 75 | 70 | 145 | 46 | 51 | 97 | 9 | 20 | 29 | 53 | 77 | 130 |
| B 26. Arteriosclerotic and degenerative heart disease—Arteriosklerotiese en ontaardingshartkwaal | 420-422 | 1,695 | 2,034 | 3,729 | 222 | 91 | 313 | 621 | 445 | 1,073 | 1,718 | 2,191 | 3,909 | 268 | 109 | 377 | 651 | 464 | 1,095 |
| B 27. Other diseases of the heart—Ander siektes van die hart | 430-434 | 28 | 19 | 47 | 4 | 4 | 12 | 22 | 20 | 42 | 29 | 26 | 55 | 4 | 6 | 10 | 23 | 30 | 53 |
| B 28. Hypertension with heart disease—Drukverhogingsiekte met hartkwaal | 440-443 | 257 | 320 | 577 | 47 | 52 | 99 | 165 | 219 | 384 | 215 | 298 | 513 | 65 | 56 | 121 | 160 | 247 | 407 |
| B 29. Hypertension without mention of heart disease—Drukverhoging sonder vermelding van hartkwaal | 444-447 | 187 | 129 | 316 | 26 | 18 | 44 | 43 | 71 | 114 | 136 | 171 | 307 | 11 | 22 | 33 | 57 | 74 | 131 |
| B 30. Influenza—Influenza | 480-483 | 41 | 29 | 70 | 5 | — | 5 | 16 | 18 | 34 | 66 | 56 | 122 | 20 | 9 | 29 | 68 | 44 | 112 |
| B 31. Pneumonia—Pneumonie | 490-493 | 832 | 632 | 1,464 | 336 | 295 | 631 | 1,059 | 1,062 | 2,121 | 943 | 709 | 1,652 | 414 | 368 | 782 | 1,055 | 1,349 | 2,404 |
| B 32. Bronchitis—Bronchitis | 500-502 | 155 | 78 | 233 | 45 | 18 | 63 | 91 | 61 | 152 | 198 | 75 | 273 | 42 | 26 | 68 | 84 | 37 | 121 |
| B 33. Ulcer of stomach and duodenum—Maag- en duodenumseer | 540-541 | 115 | 40 | 155 | 10 | 4 | 14 | 18 | 3 | 21 | 142 | 52 | 194 | 13 | 2 | 15 | 27 | 9 | 36 |
| B 34. Appendicitis—Blindedarmontsteking | 550-553 | 33 | 21 | 54 | 2 | — | 2 | 12 | 9 | 21 | 34 | 15 | 49 | 4 | — | 4 | 17 | 4 | 21 |
| B 35. Intestinal obstruction and hernia—Darmversopping en breuk | 560-561 | 85 | 78 | 163 | 8 | 10 | 18 | 23 | 22 | 45 | 87 | 80 | 167 | 10 | 4 | 14 | 26 | 20 | 46 |
| B 36. Gastritis, duodenitis, enteritis and colitis, except diarrhoea of the new-born—Gastritis, duodenitis, dermontsteking en kolitis met uitsondering van diarree by die pasgeborene | 570, 543, 571-572 | 219 | 174 | 393 | 154 | 154 | 308 | 2,723 | 2,439 | 5,162 | 181 | 168 | 349 | 123 | 147 | 272 | 2,415 | 2,289 | 4,704 |
| B 37. Cirrhosis of liver—Leweversirose | 581 | 105 | 66 | 171 | 7 | 3 | 10 | 36 | 18 | 54 | 116 | 60 | 176 | 19 | 1 | 20 | 28 | 18 | 46 |
| B 38. Nephritis and nephrosis—Nefritis en nefrose | 590-594 | 271 | 210 | 441 | 33 | 43 | 80 | 146 | 132 | 278 | 217 | 164 | 381 | 35 | 36 | 71 | 104 | 122 | 226 |
| B 39. Hyperplasia of prostate—Hiperplasie van die prostaat | 610 | 177 | — | 177 | 11 | — | 11 | 34 | — | 34 | 170 | — | 170 | 8 | — | 8 | 38 | — | 38 |
| B 40. Complications of pregnancy, childbirth and the puerperium—Swangerskap-, bevalling- en kraamsyfiekomplikasies | 640-657, 670-689 | — | 38 | 38 | — | 33 | 33 | — | 130 | 130 | — | 35 | 35 | — | 27 | 27 | — | 140 | 140 |
| B 41. Congenital malformations—Aangebore misvorming | 750-759 | 195 | 162 | 357 | 22 | 7 | 29 | 113 | 78 | 191 | 187 | 189 | 376 | 16 | 14 | 30 | 100 | 75 | 175 |
| B 42. Birth injuries, postnatal asphyxia and atelectasis—Beserring by geboorte, versukking en atelektase net na die geboorte | 760-763 | 228 | 134 | 362 | 79 | 39 | 98 | 237 | 138 | 375 | 231 | 132 | 363 | 62 | 39 | 101 | 222 | 159 | 381 |
| B 43. Infections of the new-born—Besmetting van die pasgeborene | 763-768 | 18 | 10 | 28 | 14 | 10 | 24 | 81 | 67 | 148 | 22 | 15 | 37 | 13 | 13 | 26 | 61 | 78 | 139 |
| B 44. Other diseases peculiar to early infancy and immaturity unqualified—Ander siektes sie aan die vroeë kindertjare en onomskrewe onontwikkeldheid | 769-776 | 405 | 322 | 727 | 305 | 92 | 397 | 652 | 501 | 1,153 | 427 | 305 | 732 | 101 | 88 | 189 | 615 | 569 | 1,184 |
| B 44. Other diseases peculiar to early infancy and immaturity unqualified—Ander siektes sie aan die vroeë kindertjare en onomskrewe onontwikkeldheid | 780-795 | 771 | 730 | 1,501 | 577 | 123 | 700 | 849 | 732 | 1,581 | 735 | 663 | 1,398 | 159 | 118 | 277 | 852 | 740 | 1,592 |
| B 45. Senility without mention of psychosis, ill-defined and unknown causes—Senilisiet sonder vermelding van psigose, slegs omskrewe en onbekende oorsake | 797 | 1,489 | 981 | 2,470 | 108 | 89 | 197 | 417 | 327 | 1,144 | 1,621 | 1,013 | 2,634 | 181 | 124 | 305 | 681 | 532 | 1,213 |
| B 46. All other diseases—Alle ander siektes | 1810-1895 | 452 | 132 | 584 | 31 | 13 | 43 | 197 | 41 | 238 | 572 | 139 | 711 | 66 | 12 | 78 | 234 | 54 | 288 |
| BE 47. Motor vehicle accidents—Motorvoertuigongelukke | 1800-1803 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| BE 48. All other accidents—Alle ander ongelukke | 1840-1963 | 638 | 287 | 925 | 38 | 40 | 98 | 371 | 143 | 514 | 591 | 229 | 820 | 65 | 45 | 110 | 408 | 146 | 554 |
| | 1970-1979 | 261 | 61 | 322 | 16 | 19 | 35 | 29 | 9 | 38 | 264 | 75 | 339 | 23 | 18 | 41 | 50 | 7 | 57 |
| BE 49. Suicide and self-inflicted injury—Selfmoord en selfbeugdende beering | 1980-1999 | 59 | 25 | 84 | 10 | 2 | 12 | 151 | 45 | 196 | 67 | 29 | 96 | 21 | 3 | 24 | 160 | 36 | 196 |
| BE 50. Homicide and operations of war—Manslag en krygsverrigtinge | | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| TOTAL—TOTAAL | | 14,493 | 10,408 | 24,901 | 2,024 | 1,500 | 3,524 | 11,701 | 9,904 | 21,605 | 14,487 | 10,757 | 25,244 | 2,190 | 1,661 | 3,851 | 11,625 | 9,882 | 21,507 |

TABLE 6.—DEATHS FROM ALL CAUSES IN AGE GROUPS, WHITES, 1953–1957. || TABEL 6.—STERFGEVALLE WEENS ALLE OORSAKE IN OUDERDOMSGROEPE, BLANKES, 1953–1957.

| Year. Jaar. | Sex.—Geslag. | Under One Day. Onder een dag. | Days.—Dae. 1-6. | 7-13. | 14-20. | 21-30. | Total Under One Month. Totaal onder een maand. | Months.—Maande. 1-2. | 3-5. | 6-8. | 9-11. | Total Under One Year. Totaal onder een jaar. | 1 | 2 | 3 | 4 | Total 0-4. Totaal 0-4. | 5- | 10- | 15- | 20- | 25- | 30- | 35- | 40- | 45- | 50- | 55- | 60- | 65- | 70- | 75- | 80- | 85- | 90- | 95- | 100 Years and over. 100 jaar en ouer. | Unspecified. Onagspesifiseer. | Total All Ages. Totaal alle ouderdomme. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1953 | Male—Manlik | 307 | 322 | 69 | 29 | 25 | 752 | 147 | 177 | 109 | 64 | 1,249 | 115 | 57 | 49 | 46 | 1,516 | 149 | 89 | 155 | 244 | 213 | 270 | 351 | 475 | 738 | 782 | 1,101 | 1,261 | 1,373 | 1,524 | 1,468 | 1,055 | 593 | 185 | 43 | 4 | — | 13,589 |
| | Female—Vroulik | 228 | 257 | 65 | 33 | 20 | 603 | 111 | 137 | 91 | 65 | 1,007 | 111 | 48 | 48 | 30 | 1,244 | 111 | 51 | 69 | 104 | 117 | 171 | 234 | 291 | 457 | 424 | 627 | 779 | 1,012 | 1,109 | 1,223 | 1,014 | 634 | 237 | 58 | 10 | — | 9,976 |
| | TOTAAL—TOTAAL | 535 | 579 | 134 | 62 | 45 | 1,355 | 258 | 314 | 200 | 129 | 2,256 | 226 | 105 | 97 | 76 | 2,760 | 260 | 140 | 224 | 348 | 330 | 441 | 585 | 766 | 1,195 | 1,206 | 1,728 | 2,040 | 2,385 | 2,633 | 2,691 | 2,069 | 1,227 | 422 | 101 | 14 | — | 23,565 |
| 1954 | Male—Manlik | 270 | 361 | 72 | 33 | 35 | 771 | 144 | 173 | 94 | 76 | 1,258 | 121 | 62 | 40 | 34 | 1,515 | 111 | 96 | 142 | 250 | 207 | 229 | 356 | 509 | 712 | 832 | 1,066 | 1,365 | 1,412 | 1,575 | 1,575 | 1,172 | 655 | 218 | 39 | 6 | 5 | 14,047 |
| | Female—Vroulik | 240 | 275 | 60 | 25 | 34 | 634 | 92 | 161 | 102 | 51 | 1,040 | 101 | 56 | 47 | 28 | 1,272 | 92 | 56 | 68 | 78 | 102 | 146 | 213 | 301 | 410 | 468 | 586 | 778 | 978 | 1,188 | 1,226 | 1,073 | 699 | 248 | 69 | 7 | 1 | 10,059 |
| | TOTAAL—TOTAAL | 510 | 636 | 132 | 58 | 69 | 1,405 | 236 | 334 | 196 | 127 | 2,298 | 222 | 118 | 87 | 62 | 2,787 | 203 | 152 | 210 | 328 | 309 | 375 | 569 | 810 | 1,122 | 1,300 | 1,652 | 2,143 | 2,390 | 2,763 | 2,801 | 2,245 | 1,354 | 466 | 108 | 13 | 6 | 24,106 |
| 1955 | Male—Manlik | 293 | 368 | 78 | 21 | 31 | 791 | 138 | 147 | 98 | 63 | 1,237 | 104 | 73 | 52 | 33 | 1,499 | 118 | 75 | 169 | 200 | 205 | 223 | 323 | 472 | 709 | 787 | 1,016 | 1,263 | 1,423 | 1,462 | 1,468 | 1,141 | 574 | 198 | 43 | 3 | 2 | 13,373 |
| | Female—Vroulik | 197 | 237 | 47 | 27 | 23 | 531 | 86 | 131 | 70 | 41 | 859 | 105 | 57 | 24 | 24 | 1,069 | 78 | 60 | 84 | 71 | 94 | 122 | 173 | 300 | 385 | 484 | 573 | 712 | 919 | 1,131 | 1,185 | 1,107 | 722 | 289 | 70 | 10 | 2 | 9,640 |
| | TOTAAL—TOTAAL | 490 | 605 | 125 | 48 | 54 | 1,322 | 224 | 278 | 168 | 104 | 2,096 | 209 | 130 | 76 | 57 | 2,568 | 196 | 135 | 253 | 271 | 299 | 345 | 496 | 772 | 1,094 | 1,271 | 1,589 | 1,975 | 2,342 | 2,593 | 2,653 | 2,248 | 1,296 | 487 | 113 | 13 | 4 | 23,013 |
| 1956 | Male—Manlik | 319 | 378 | 72 | 36 | 18 | 823 | 134 | 181 | 96 | 61 | 1,295 | 117 | 73 | 61 | 35 | 1,581 | 145 | 115 | 186 | 271 | 217 | 261 | 333 | 502 | 725 | 887 | 1,032 | 1,358 | 1,557 | 1,478 | 1,626 | 1,212 | 714 | 241 | 43 | 6 | 3 | 14,493 |
| | Female—Vroulik | 248 | 251 | 45 | 20 | 21 | 585 | 93 | 119 | 61 | 61 | 919 | 100 | 57 | 33 | 33 | 1,142 | 109 | 68 | 76 | 93 | 110 | 148 | 209 | 303 | 415 | 477 | 597 | 824 | 1,020 | 1,253 | 1,287 | 1,143 | 816 | 313 | 66 | 14 | 5 | 10,488 |
| | TOTAAL—TOTAAL | 567 | 629 | 117 | 56 | 39 | 1,408 | 227 | 300 | 157 | 122 | 2,214 | 217 | 130 | 94 | 68 | 2,723 | 254 | 183 | 262 | 364 | 327 | 409 | 542 | 805 | 1,140 | 1,364 | 1,629 | 2,182 | 2,577 | 2,731 | 2,913 | 2,355 | 1,530 | 554 | 109 | 20 | 8 | 24,981 |
| 1957 | Male—Manlik | 305 | 387 | 58 | 40 | 37 | 827 | 136 | 124 | 86 | 57 | 1,230 | 105 | 52 | 47 | 31 | 1,465 | 143 | 114 | 204 | 265 | 206 | 284 | 346 | 475 | 798 | 983 | 1,013 | 1,415 | 1,572 | 1,531 | 1,578 | 1,136 | 679 | 224 | 42 | 7 | 7 | 14,487 |
| | Female—Vroulik | 195 | 258 | 55 | 36 | 22 | 566 | 115 | 118 | 64 | 42 | 905 | 88 | 61 | 36 | 25 | 1,115 | 92 | 58 | 84 | 88 | 141 | 156 | 198 | 300 | 473 | 525 | 531 | 903 | 1,111 | 1,251 | 1,346 | 1,207 | 792 | 309 | 68 | 8 | 1 | 10,757 |
| | TOTAAL—TOTAAL | 500 | 645 | 113 | 76 | 59 | 1,393 | 251 | 242 | 150 | 99 | 2,135 | 193 | 113 | 83 | 56 | 2,580 | 235 | 172 | 288 | 353 | 347 | 440 | 544 | 775 | 1,271 | 1,508 | 1,544 | 2,318 | 2,683 | 2,782 | 2,924 | 2,343 | 1,471 | 533 | 110 | 15 | 8 | 25,244 |

TABLE 7.—MATERNAL MORTALITY, 1953–57. || TABEL 7.—MOEDERSTERFTESYFERS, 1953–1957.

| Year. Jaar. | Live Births Registered. Lewende geboortes geregistreer. | Deaths due to Puerperal Causes. Sterfgevalle weens kraamoorsake. | | | | |
|---|---|---|---|---|---|---|
| | | Number. Getal. | | Rates per 1,000 Live Births. Syfers per 1,000 lewende geboortes. | | |
| | | Puerperal Sepsis. Kraambedsepsis. | Other Puerperal Causes. Ander kraam-oorsake. | Puerperal Sepsis. Kraambedsepsis. | Other Puerperal Causes. Ander kraam-oorsake. | Total Puerperal Mortality. Totale getal kraambed sterfgevalle. |
| **WHITES.—BLANKES.** | | | | | | |
| 1953 | 69,049 | 5 | 78 | 0·07 | 1·13 | 1·20 |
| 1954 | 68,924 | 1 | 50 | 0·01 | 0·73 | 0·74 |
| 1955 | 70,332 | 5 | 46 | 0·07 | 0·65 | 0·72 |
| 1956 | 70,469 | 5 | 33 | 0·07 | 0·47 | 0·54 |
| 1957 | 73,301 | 5 | 30 | 0·07 | 0·41 | 0·48 |
| **ASIATICS.—ASIATE.** | | | | | | |
| 1953 | 13,527 | 5 | 40 | 0·37 | 2·96 | 3·33 |
| 1954 | 13,877 | 3 | 36 | 0·22 | 2·59 | 2·81 |
| 1955 | 14,197 | — | 34 | — | 2·39 | 2·39 |
| 1956 | 13,136 | 7 | 26 | 0·53 | 2·00 | 2·51 |
| 1957 | 13,486 | 3 | 24 | 0·22 | 1·78 | 2·00 |
| **COLOUREDS.—KLEURLINGE.** | | | | | | |
| 1953 | 55,700 | 15 | 110 | 0·27 | 1·97 | 2·24 |
| 1954 | 57,293 | 17 | 123 | 0·29 | 2·15 | 2·44 |
| 1955 | 57,512 | 24 | 112 | 0·42 | 1·95 | 2·36 |
| 1956 | 58,536 | 19 | 131 | 0·32 | 2·24 | 2·56 |
| 1957 | 62,924 | 25 | 115 | 0·40 | 1·83 | 2·22 |

TABLE 8.—WHITE DEATHS FROM PUERPERAL CAUSES, REGISTERED BY AGE GROUPS, YEAR ENDED 31ST DECEMBER, 1957.

TABEL 8.—BLANKE STERFGEVALLE WEENS KRAAMOORSAKE GEREGISTREER VOLGENS OUDERDOMSGROEPE, JAAR GEËINDIG 31 DESEMBER 1957.

| Causes of Death.—Oorsake van Dood. | 15–19. | 20–24. | 25–29. | 30–34. | 35–39. | 40–44. | 45 and over. 45 en ouer. | Total All Ages. Totaal alle ouderdomme. |
|---|---|---|---|---|---|---|---|---|
| XI.—DELIVERIES AND COMPLICATIONS OF PREGNANCY, CHILDBIRTH AND THE PUERPERIUM.—GEBOORTES EN KOMPLIKASIES VAN SWANGERSKAP, BEVALLING EN KRAAMTYD. | | | | | | | | |
| *Complications of Pregnancy* (640–649).—*Komplikasies van Swangerskap* (640–649). | | | | | | | | |
| 640 Pyelitis and pyelonephritis of pregnancy—Nierbekkenontsteking en nier- en nierbekkenontsteking van swangerskap | — | — | — | — | — | — | — | — |
| 641 Other infections of genito-urinary tract during pregnancy—Ander besmettings van die geslagsurinekanaal tydens swangerskap | — | — | — | — | — | — | — | — |
| 642 Toxaemias of pregnancy—Bloedvergifting van swangerskap | — | — | 1 | — | — | 3 | — | 4 |
| 643 Placenta praevia—Moederkoekvoorligging | — | — | — | — | — | — | — | — |
| 644 Other haemorrhage of pregnancy—Ander bloedings van swangerskap | — | — | — | — | 1 | — | — | 1 |
| 645 Ectopic pregnancy—Ektopiese swangerskap | — | — | 2 | — | 1 | 1 | — | 4 |
| 646 Anaemia of pregnancy—Bloedarmoede van swangerskap | — | — | — | — | — | — | — | — |
| 647 Pregnancy with malposition of foetus in uterus—Swangerskap met verkeerde ligging van vrug in baarmoeder | — | — | — | — | — | — | — | — |
| 648 Other complication arising from pregnancy—Ander komplikasies as gevolg van swangerskap | — | — | — | — | — | — | — | — |
| 649 Pregnancy associated with other conditions—Swangerskap saam met ander toestande | — | — | — | — | — | — | — | — |
| SUB-TOTAL, 640–649—SUBTOTAAL, 640–649 | — | — | 3 | — | 2 | 4 | — | 9 |
| *Abortion* (650–652).—*Miskraam*, (650–652). | | | | | | | | |
| 650 Abortion without mention of sepsis or toxaemia—Miskraam sonder melding van besmetting of bloedvergiftiging | — | 1 | 2 | 2 | — | — | — | 5 |
| 651 Abortion with sepsis—Miskraam met besmetting | — | — | — | — | — | 1 | — | 1 |
| 652 Abortion with toxaemia, without mention of sepsis—Miskraam met bloedvergiftiging, sonder melding van besmetting | — | — | — | — | — | — | — | — |
| SUB-TOTAL, 650–652—SUBTOTAAL, 650–652 | — | 1 | 2 | 2 | — | 1 | — | 6 |
| *Delivery with Specified Complication* (670–678).—*Geboorte met gespesifiseerde komplikasie* (670–678). | | | | | | | | |
| 670 Delivery complicated by placenta praevia or antepartum haemorrhage—Geboorte gekompliseer deur moederkoekvoorligging of voorgeboortelike bloeding | — | 1 | — | — | — | — | — | 1 |
| 671 Delivery complicated by retained placenta—Geboorte gekompliseer deur agtergeblewe moederkoek | — | — | — | — | — | — | — | — |
| 672 Delivery complicated by other postpartum haemorrhage—Geboorte gekompliseer deur ander nageboortelike bloeding | — | 1 | — | 2 | — | — | — | 3 |
| 673 Delivery complicated by abnormality of bony pelvis—Geboorte gekompliseer deur abnormaliteit van benige bekken | — | — | — | — | — | — | — | — |
| 674 Delivery complicated by disproportion of malposition of foetus—Geboorte gekompliseer deur oneweredige proporsies of verkeerde ligging van vrug | — | — | — | — | — | — | — | — |
| 675 Delivery complicated by prolonged labour or other origin—Geboorte gekompliseer deur langdurige bevalling weens ander oorsaak | — | — | 2 | — | — | — | — | 2 |
| 676 Delivery with laceration of perineum, without mention of other laceration—Geboorte met skeuring van bilnaat, sonder tekens van ander skeuring | — | — | — | — | — | — | — | — |
| 677 Delivery with other trauma—Geboorte met ander beserings | — | — | — | — | — | — | — | — |
| 678 Delivery with other complications of childbirth—Geboorte met ander komplikasies van bevalling | — | 2 | 2 | — | — | — | — | 4 |
| SUB-TOTAL, 670–678—SUBTOTAAL, 670–678 | — | 4 | 4 | 2 | — | — | — | 10 |
| *Complications of the Puerperium* (680–689).—*Komplikasies van die kraamtyd* (680–689). | | | | | | | | |
| 680 Puerperal urinary infection without other sepsis—Nageboortelike urinêre besmetting sonder ander besmetting | — | — | — | — | — | — | — | — |
| 681 Sepsis of childbirth and the puerperium—Besmetting van bevalling en kraamtyd | — | — | 1 | 2 | — | 1 | — | 4 |
| 682 Puerperal phlebitis and thrombosis—Nageboortelike flebitis en trombose | — | — | — | — | — | — | — | — |
| 683 Pyrexia of unknown origin during the puerperium—Koors van onbekende oorsprong gedurende die kraamtyd | — | 2 | — | — | 2 | — | — | 4 |
| 684 Puerperal pulmonary embolism—Nageboortelike longembolie | — | — | — | 1 | — | — | — | 1 |
| 685 Puerperal eclampsia—Nageboortelike eklampsie | — | — | — | — | — | — | — | — |
| 686 Other form of puerperal toxaemia—Ander vorms van nageboortelike bloedvergiftiging | — | — | — | — | — | — | — | — |
| 687 Cerebral haemorrhage in the puerperium—Harsingbloeding in die kraamtyd | — | — | — | — | 1 | — | — | 1 |
| 688 Other and unspecified complications of the puerperium—Ander en ongespesifiseerde komplikasies van die kraamtyd | — | — | — | — | — | — | — | — |
| 689 Mastitis and other disorders of lactation—Mastitis en ander steurings van die melktydperk | — | — | — | — | — | — | — | — |
| SUB-TOTAL, 680–689—SUBTOTAAL, 680–689 | — | 2 | 1 | 3 | 3 | 1 | — | 10 |
| TOTAL, CLASS XI, 640–689—TOTAAL, KLAS XI, 640–689 | — | 7 | 10 | 7 | 5 | 6 | — | 35 |

These tables are in accordance with the International Classification of causes of deaths adopted by the World Health Organisation.

Hierdie tabelle is in ooreenstemming met die Internasionale Klassifikasie van oorsake van dood, aangeneem deur die Wêreldgesondheidsorganisasie.

TABLE 9.—BIRTH, DEATH AND NATURAL INCREASE RATES: WHITES IN THE UNION COMPARED WITH OTHER COUNTRIES—AVERAGE RATES FOR THREE-YEARLY PERIODS (BASED ON LATEST AVAILABLE INFORMATION).

TABEL 9.—GEBOORTE-, STERFTE- EN NATUURLIKE AANWASSYFERS: BLANKES IN DIE UNIE VERGELYK MET DIÉ IN ANDER LANDE—GEMIDDELDE SYFERS VIR DRIEJARIGE TYDPERKE (GEBASEER OP JONGSTE BESKIKBARE GEGEWENS).

| Countries. Lande. | Birth Rate per 1,000 of the Population. Geboortesyfer per 1,000 van die bevolking. | Death Rate per 1,000 of the Population. Sterftesyfer per 1,000 van die bevolking. | Excess of Births over Deaths per 1,000 of the Population. Meer geboortes as sterfgevalle per 1,000 van die bevolking. |
|---|---|---|---|
| England and Wales—Engeland en Wallis | 15·6 | 11·7 | 3·9 |
| Belgium—België | 16·8 | 12·1 | 4·7 |
| Sweden—Swede | 14·8 | 9·6 | 5·2 |
| Germany (Western)—Duitsland (Wes-) | 16·5 | 11·2 | 5·3 |
| France—Frankryk | 18·5 | 12·5 | 6·0 |
| Switzerland—Switserland | 17·4 | 10·2 | 7·2 |
| Italy—Italië | 18·1 | 10·3 | 7·8 |
| Denmark—Denemarke | 17·2 | 8·8 | 8·4 |
| Norway—Noorweë | 18·7 | 8·5 | 10·2 |
| Portugal | 22·9 | 12·1 | 10·8 |
| Australia—Australië | 22·5 | 9·1 | 13·4 |
| Holland | 21·2 | 7·8 | 13·4 |
| United States of America—Verenigde State van Amerika | 24·9 | 9·4 | 15·5 |
| New Zealand (White Population)—Nieu-Seeland (Blanke bevolking) | 24·7 | 9·0 | 15·7 |
| Union of South Africa—Unie van Suid-Afrika | 25·4 | 8·7 | 16·7 |
| Canada—Kanada | 28·0 | 8·2 | 19·8 |

TABLE 10.—INFANTILE MORTALITY RATES PER 1,000 LIVE BIRTHS REGISTERED: WHITES IN THE UNION COMPARED WITH OTHER COUNTRIES — AVERAGE RATES FOR THREE-YEARLY PERIODS (BASED ON LATEST AVAILABLE INFORMATION).

TABEL 10.—BABASTERFTESYFERS PER 1,000 LEWENDE GEBOORTES GEREGISTREER: BLANKES IN DIE UNIE VERGELYK MET DIÉ IN ANDER LANDE—GEMIDDELDE SYFERS VIR DRIEJARIGE TYDPERKE (GEBASEER OP JONGSTE BESKIKBARE GEGEWENS).

| | |
|---|---|
| Sweden—Swede | 17·0 |
| Holland | 19·0 |
| New Zealdnd (White population)—Nieu-Seeland (blanke bevolking) | 19·4 |
| Norway—Noorweë | 20·6 |
| Australia—Australië | 21·7 |
| England and Wales—Engeland en Wallis | 23·7 |
| Denmark—Denemarke | 24·9 |
| Switzerland—Switserland | 25·8 |
| United States of America—Verenigde State van Amerika | 26·0 |
| Union of South Africa—Unie van Suid-Afrika | 31·0 |
| Canada—Kanada | 31·9 |
| France—Frankryk | 36·3 |
| Germany (Western)—Duitsland (Wes-) | 38·6 |
| Belgium—België | 45·7 |
| Italy—Italië | 48·4 |
| Portugal | 87·8 |

TABLE 11.—ESTIMATED POPULATION BY RACE AS AT THE 30TH JUNE, 1957. || TABEL 11.—GERAAMDE BEVOLKING VOLGENS RAS SOOS OP 30 JUNIE 1957.

| Province. Provinsie. | Whites.—Blankes. | | | Natives.—Naturelle. | | | Asiatics.—Asiate. | | | Coloureds.—Kleurlinge. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Male. Manlik. | Female. Vroulik. | Total. Totaal. | Male. Manlik. | Female. Vroulik. | Total. Totaal. | Male. Manlik. | Female. Vroulik. | Total. Totaal. | Male. Manlik. | Female. Vroulik. | Total. Totaal. |
| Cape—Kaap | 499,000 | 512,000 | 1,011,000 | 1,245,000 | 1,438,000 | 2,683,000 | 11,000 | 9,000 | 20,000 | 582,000 | 587,000 | 1,169,000 |
| Natal | 160,000 | 158,000 | 318,000 | 946,000 | 989,000 | 1,935,000 | 178,000 | 175,000 | 353,000 | 19,000 | 22,000 | 41,000 |
| Transvaal | 685,000 | 685,000 | 1,370,000 | 2,153,000 | 1,778,000 | 3,931,000 | 31,000 | 27,000 | 58,000 | 47,000 | 47,000 | 94,000 |
| Orange Free State—Oranje-Vrystaat | 133,000 | 125,000 | 258,000 | 485,000 | 426,000 | 911,000 | — | — | — | 8,000 | 7,000 | 15,000 |
| UNION—UNIE | 1,477,000 | 1,480,000 | 2,957,000 | 4,829,000 | 4,631,000 | 9,460,000 | 220,000 | 211,000 | 431,000 | 656,000 | 663,000 | 1,319,000 |

## TABLE 12.—NOTIFICATION OF DISEASES AND REGISTERED DEATHS DURING THE YEAR ENDED THE 31st DECEMBER, 1957. | TABEL 12.—AANGIFTE VAN SIEKTES EN GEREGISTREERDE STERFGEVALLE GEDURENDE DIE JAAR GEËINDIG 31 DESEMBER 1957.

| Province. Provinsie. | Anthrax. Miltsiekte. | | Brucellosis. Brucellose. | | Diphtheria. Witseerkeel. | | Encephalitis, Infective. Besmetlike Harsingontsteking. | | Erysipelas. Belroos. | | Insecticidal Poisoning. Insekgif vergiftiging. | | Lead Poisoning. Loodvergiftiging. | | Leprosy. Melaatsheid. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Cases. Gevalle. | Deaths. Sterfgevalle. | Cases. Gevalle. | Deaths. Sterfgevalle. | Cases. Gevalle. | Deaths. Sterfgevalle. | Cases. Gevalle. | Deaths. Sterfgevalle. | Cases. Gevalle. | Deaths. Sterfgevalle. | Cases. Gevalle. | Deaths. Sterfgevalle. | Cases. Gevalle. | Deaths. Sterfgevalle. | Cases. Gevalle. | Deaths. Sterfgevalle. |
| I.—WHITES.—BLANKES. | | | | | | | | | | | | | | | | |
| Cape—Kaap | 2 | — | 1 | — | 261 | 21 | 7 | 2 | 8 | — | — | — | — | — | — | — |
| Natal | — | — | — | — | 127 | 4 | 17 | — | 1 | — | — | — | — | — | — | — |
| Transvaal | — | — | 2 | — | 250 | 22 | 63 | 1 | 20 | — | 1 | — | — | — | — | — |
| Orange Free State—Oranje-Vrystaat | — | — | — | — | 39 | 4 | 1 | — | 5 | — | — | — | — | — | — | — |
| Unspecified—Ongespesifiseer | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 4 | — |
| Total—Totaal | 2 | — | 3 | — | 677 | 51 | 88 | 3 | 34 | — | 1 | — | — | — | 4 | — |
| II.—NATIVES.—NATURELLE.† | | | | | | | | | | | | | | | | |
| Cape—Kaap | 5 | — | 1 | — | 1,069 | 29 | 2 | — | 3 | — | — | — | — | — | — | — |
| Natal | — | — | — | — | 314 | 40 | 36 | — | 3 | — | — | — | — | — | — | — |
| Transvaal | 4 | — | 13 | — | [illegible] | 56 | 34 | — | 4 | — | 108 | — | 1 | — | — | 6 |
| Orange Free State—Oranje-Vrystaat | 3 | — | — | — | [illegible] | 19 | 1 | — | 4 | — | — | — | — | — | — | — |
| Unspecified—Ongespesifiseer | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 571 | — |
| Total—Totaal | 12 | — | 14 | — | [illegible] | 144 | 73 | — | 14 | — | 108 | — | 1 | — | 571 | 6 |
| III.—ASIATICS.—ASIATE. | | | | | | | | | | | | | | | | |
| Cape—Kaap | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Natal | — | — | — | — | 61 | 60 | 7 | — | — | — | — | — | — | — | — | — |
| Transvaal | — | — | — | — | 16 | — | 2 | — | — | — | — | — | — | — | — | — |
| Orange Free State—Oranje-Vrystaat | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unspecified—Ongespesifiseer | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 1 | — |
| Total—Totaal | — | — | — | — | 77 | 60 | 9 | — | — | — | — | — | — | — | 1 | — |
| IV.—COLOUREDS.—KLEURLINGE. | | | | | | | | | | | | | | | | |
| Cape—Kaap | — | — | — | — | 268 | 74 | 12 | * | 5 | * | — | — | — | — | — | * |
| Natal | — | — | — | — | 13 | — | 1 | * | — | * | — | — | — | — | — | * |
| Transvaal | — | — | — | — | 35 | 1 | 4 | * | 2 | * | — | — | — | — | — | * |
| Orange Free State—Oranje-Vrystaat | — | — | — | — | 1 | 1 | — | * | — | * | — | — | — | — | — | * |
| Unspecified—Ongespesifiseer | — | — | — | — | — | — | — | 4 | — | 2 | — | — | — | — | 7 | 1 |
| Total—Totaal | — | — | — | — | 317 | 76 | 17 | 4 | 7 | 2 | — | — | — | — | 7 | 1 |
| V.—TOTAL (ALL RACES).—TOTAAL (ALLE RASSE). | | | | | | | | | | | | | | | | |
| Cape—Kaap | 7 | — | 2 | — | 1,586 | 111 | 21 | 2 | 16 | — | — | — | — | — | — | — |
| Natal | — | — | — | — | 515 | 56 | 61 | — | 4 | — | — | — | — | — | — | — |
| Transvaal | 4 | — | 15 | — | 962 | 89 | 103 | 1 | 26 | — | 109 | — | 1 | — | — | 6 |
| Orange Free State—Oranje-Vrystaat | 3 | — | — | — | 369 | 21 | 2 | — | 9 | — | — | — | — | — | — | — |
| Unspecified—Ongespesifiseer | — | — | — | — | — | — | — | 4 | — | 2 | — | — | — | — | 583 | 1 |
| Total—Totaal | 14 | — | 17 | — | [illegible] | 277 | 187 | 7 | 55 | 2 | 109 | — | 1 | — | 583 | 7 |

| Province. Provinsie. | Malaria. Malaria. | | Meningococcal Meningitis (Cerebro-spinal Fever). Meningokokkale Meningitis (Serebrospinaalkoors). | | Opthalmia. Oogontsteking. | | Plague. Pes. | | Poliomyelitis, Acute. Akute Poliomiëlitis. | | Puerperal Fever. Kraambedkoors. | | Rabies. Hondsdolheid. | | Scarlatina. Skarlakenkoors. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Cases. Gevalle. | Deaths. Sterfgevalle. | Cases. Gevalle. | Deaths. Sterfgevalle. | Cases. Gevalle. | Deaths. Sterfgevalle. | Cases. Gevalle. | Deaths. Sterfgevalle. | Cases. Gevalle. | Deaths. Sterfgevalle. | Cases. Gevalle. | Deaths. Sterfgevalle. | Cases. Gevalle. | Deaths. Sterfgevalle. | Cases. Gevalle. | Deaths. Sterfgevalle. |
| I.—WHITES.—BLANKES. | | | | | | | | | | | | | | | | |
| Cape—Kaap | 6 | — | 46 | 5 | 13 | — | — | — | 291 | 59 | — | 2 | — | — | 389 | — |
| Natal | 16 | — | 9 | — | 1 | — | — | — | 337 | 48 | 2 | — | — | — | 270 | — |
| Transvaal | 52 | — | 69 | 14 | 1 | — | — | — | 456 | [illegible] | 53 | 3 | — | — | 1,019 | — |
| Orange Free State—Oranje-Vrystaat | — | — | 16 | 2 | — | — | — | — | 66 | 7 | 1 | — | — | — | 48 | — |
| Unspecified—Ongespesifiseer | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total—Totaal | 74 | — | 140 | 21 | 15 | — | — | — | 1,170 | 117 | 56 | 5 | — | — | 1,726 | — |
| II.—NATIVES.—NATURELLE.† | | | | | | | | | | | | | | | | |
| Cape—Kaap | 3 | — | 78 | 5 | 96 | — | 3 | — | 288 | 2 | 42 | 12 | — | — | 28 | — |
| Natal | 136 | — | 73 | 3 | 171 | — | — | — | 284 | 5 | 112 | 4 | — | — | 8 | — |
| Transvaal | 343 | — | 587 | 50 | 17 | — | — | — | 233 | 67 | 276 | 27 | 1 | — | 5 | 1 |
| Orange Free State—Oranje-Vrystaat | 9 | — | 241 | 1 | 27 | — | — | — | 95 | 7 | 3 | — | — | — | 13 | — |
| Unspecified—Ongespesifiseer | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total—Totaal | 491 | — | 979 | 59 | 311 | — | 3 | — | 900 | 81 | 433 | 43 | 1 | — | 54 | 1 |
| III.—ASIATICS.—ASIATE. | | | | | | | | | | | | | | | | |
| Cape—Kaap | — | — | 1 | 1 | — | — | — | — | 2 | — | — | * | — | — | — | — |
| Natal | — | — | 9 | 6 | 3 | — | — | — | 40 | 1 | 16 | * | — | — | 1 | — |
| Transvaal | — | — | 4 | — | — | — | — | — | 5 | — | 1 | * | — | — | — | — |
| Orange Free State—Oranje-Vrystaat | — | — | — | — | — | — | — | — | — | — | — | * | — | — | — | — |
| Unspecified—Ongespesifiseer | — | — | — | — | — | — | — | — | — | — | — | 5 | — | — | — | — |
| Total—Totaal | — | — | 14 | 7 | 3 | — | — | — | 47 | 1 | 17 | 5 | — | — | 1 | — |
| IV.—COLOUREDS.—KLEURLINGE. | | | | | | | | | | | | | | | | |
| Cape—Kaap | 1 | — | 111 | 18 | 550 | — | — | — | 363 | 32 | 21 | * | — | — | 25 | — |
| Natal | — | — | — | — | — | — | — | — | 13 | — | 3 | * | — | — | 1 | — |
| Transvaal | 1 | — | 9 | 1 | — | — | — | — | 38 | — | 5 | * | — | — | 2 | — |
| Orange Free State—Oranje-Vrystaat | — | — | — | — | 1 | — | — | — | 3 | — | — | * | — | — | — | — |
| Unspecified—Ongespesifiseer | — | — | — | — | — | — | — | — | — | — | — | 25 | — | — | — | — |
| Total—Totaal | 2 | — | 120 | 19 | 551 | — | — | — | 417 | 32 | 29 | 25 | — | — | 28 | — |
| V.—TOTAL (ALL RACES).—TOTAAL (ALLE RASSE). | | | | | | | | | | | | | | | | |
| Cape—Kaap | 10 | — | 236 | 29 | 659 | — | 3 | — | 944 | 73 | 66 | 14 | — | — | 286 | — |
| Natal | 152 | — | 91 | 9 | 175 | — | — | — | 674 | 28 | 131 | 4 | — | — | 278 | — |
| Transvaal | 396 | — | 669 | 65 | 18 | — | — | — | [illegible] | 76 | 333 | 30 | 1 | — | 1,025 | 1 |
| Orange Free State—Oranje-Vrystaat | 9 | — | 257 | 3 | 28 | — | — | — | 162 | 14 | 4 | — | — | — | 61 | — |
| Unspecified—Ongespesifiseer | — | — | — | — | — | — | — | — | — | — | — | 28 | — | — | — | — |
| Total—Totaal | 567 | — | 1,253 | 106 | 880 | — | 3 | — | [illegible] | 183 | 534 | 76 | 1 | — | 1,809 | 1 |

| Province. Provinsie. | Smallpox. Pokkies. | | Trachoma. Tragoom. | | Tuberculosis, Respiratory. Tuberkulose van die asemhalingsorgane. | | Tuberculosis, Non-respiratory. Tuberkulose, nie van die asemhalingsorgane. | | Typhoid Fever. Ingewandskoors of Maagkoors. | | Typhus Fever. Vlektifus. | | Total. Totaal. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Cases. Gevalle. | Deaths. Sterfgevalle. | Cases. Gevalle. | Deaths. Sterfgevalle. | Cases. Gevalle. | Deaths. Sterfgevalle. | Cases. Gevalle. | Deaths. Sterfgevalle. | Cases. Gevalle. | Deaths. Sterfgevalle. | Cases. Gevalle. | Deaths. Sterfgevalle. | Cases. Gevalle. | Deaths. Sterfgevalle. |
| I.—WHITES.—BLANKES. | | | | | | | | | | | | | | |
| Cape—Kaap | — | — | — | — | 693 | 78 | 24 | 11 | 51 | 6 | 1 | — | 1,347 | 160 |
| Natal | — | — | — | — | 353 | 27 | 12 | 5 | 30 | 1 | — | — | 1,028 | 46 |
| Transvaal | — | — | — | — | 475 | 71 | 28 | 8 | 102 | 3 | — | — | 2,811 | 183 |
| Orange Free State—Oranje-Vrystaat | — | — | 6 | — | 92 | 7 | 4 | 2 | 44 | 1 | — | — | 292 | 22 |
| Unspecified—Ongespesifiseer | — | — | — | — | — | — | — | — | — | — | — | — | 4 | — |
| Total—Totaal | — | — | 6 | — | 1,613 | 183 | 68 | 26 | 227 | 11 | 1 | — | 5,482 | 411 |
| II.—NATIVES.—NATURELLE.† | | | | | | | | | | | | | | |
| Cape—Kaap | — | — | 2 | — | [illegible] | 388 | 342 | 87 | 332 | 9 | 37 | — | 20,042 | 530 |
| Natal | — | — | — | — | [illegible] | 443 | 479 | 116 | 992 | 16 | 3 | — | 14,419 | 631 |
| Transvaal | — | — | 83 | — | [illegible] | 794 | 432 | 237 | 985 | 48 | 3 | — | 12,989 | 1,259 |
| Orange Free State—Oranje-Vrystaat | — | — | 3 | — | [illegible] | 47 | 86 | 10 | 306 | 6 | — | — | 3,442 | 45 |
| Unspecified—Ongespesifiseer | — | — | — | — | — | — | — | — | — | — | — | — | 571 | — |
| Total—Totaal | — | — | 88 | — | [illegible] | 1,672 | 1,339 | 450 | 2,615 | 79 | 43 | — | 51,463 | 2,465 |
| III.—ASIATICS.—ASIATE. | | | | | | | | | | | | | | |
| Cape—Kaap | — | — | — | — | 19 | 9 | 3 | — | — | — | — | — | [illegible] | [illegible] |
| Natal | — | — | — | — | 435 | 37 | 114 | 21 | 41 | 3 | — | — | [illegible] | [illegible] |
| Transvaal | — | — | — | — | 39 | 30 | 8 | 5 | 7 | — | — | — | [illegible] | [illegible] |
| Orange Free State—Oranje-Vrystaat | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unspecified—Ongespesifiseer | — | — | — | — | — | — | — | — | — | — | — | — | 1 | 1 |
| Total—Totaal | — | — | — | — | 493 | 76 | 125 | 26 | 48 | 3 | — | — | 1,095 | 126 |
| IV.—COLOUREDS.—KLEURLINGE. | | | | | | | | | | | | | | |
| Cape—Kaap | — | — | 2 | — | [illegible] | 1,308 | 366 | 156 | 215 | 15 | 1 | — | 6,181 | 1,755 |
| Natal | — | — | — | — | 202 | 22 | 12 | 3 | 4 | 1 | — | — | 258 | 29 |
| Transvaal | — | — | — | — | 138 | 77 | 24 | 31 | 1 | — | — | — | 409 | 155 |
| Orange Free State—Oranje-Vrystaat | — | — | — | — | 15 | 14 | — | 5 | 7 | — | — | — | 51 | 33 |
| Unspecified—Ongespesifiseer | — | — | — | — | — | — | — | — | — | — | — | — | 7 | [illegible] |
| Total—Totaal | — | — | 2 | — | [illegible] | 1,421 | 402 | 195 | 227 | 16 | 1 | — | 6,906 | 1,975 |
| V.—TOTAL (ALL RACES).—TOTAAL (ALLE RASSE). | | | | | | | | | | | | | | |
| Cape—Kaap | — | — | 4 | — | [illegible] | [illegible] | 735 | 456 | 598 | 30 | [illegible] | — | 29,914 | 2,482 |
| Natal | — | — | — | — | [illegible] | [illegible] | 1,087 | 144 | 977 | 19 | 3 | — | 16,428 | 985 |
| Transvaal | — | — | 83 | — | [illegible] | [illegible] | [illegible] | 276 | 1,111 | 48 | 3 | — | 17,528 | 1,657 |
| Orange Free State—Oranje-Vrystaat | — | — | 9 | — | [illegible] | [illegible] | 90 | 17 | 441 | 5 | — | — | 3,785 | 131 |
| Unspecified—Ongespesifiseer | — | — | — | — | — | — | — | — | — | — | — | — | 583 | 35 |
| Total—Totaal | — | — | 96 | — | [illegible] | 3,351 | [illegible] | 893 | 3,117 | 103 | 47 | — | [illegible] | 4,896 |

N.B.—The fact that in some instances more deaths have been notified than cases is to be explained by the incompleteness of the returns regarding cases rendered to the Department.

L.W.—Die feit dat in some meer sterfgevalle aangegee is as gevalle, moet verklaar word deur die onvolledigheid van die opgawes van gevalle wat by die Departement ingedien word.

* Separate figures not available.

* Afsonderlike syfers nie beskikbaar nie.

† Registration of Native Deaths is incomplete and the figures for Native deaths relate to the principal urban areas only. [In the case of tuberculosis, for instance, it is estimated that at least 10,000 deaths occur from this disease (all forms) per year.]

† Registrasie van Naturellesterfgevalle is onvolledig en gegewens ten opsigte van Naturellesterfgevalle het slegs op vernaamste stedelike gebiede betrekking. [In die geval van tuberkulose, byvoorbeeld, word beraam dat daar ten minste 10,000 sterfgevalle van hierdie siekte (alle vorme) per jaar voorkom.]

TABLE 13 (*a*).—DIPHTHERIA: MORBIDITY AND MORTALITY (BY RACE) IN THE UNION OF SOUTH AFRICA, 1945–57.

TABEL 13 (*a*).—WITSEERKEEL: SIEKTE- EN STERFTESYFER (VOLGENS RAS) IN DIE UNIE VAN SUID-AFRIKA, 1945–1957.

| Year.—Jaar. | Whites.—Blankes. | | | Non-Whites.—Nie-Blankes. | |
|---|---|---|---|---|---|
| | Notified Cases per 100.000. Gevalle aangegee per 100,000. | White Deaths per 100,000. Blanke sterfgevalle per 100,000. | Deaths / Notifications × 100. Sterfgevalle / Aangifte × 100. | Notified Cases per 100,000. Gevalle aangegee per 100,000. | Deaths per 100,000. Sterfgevalle per 100,000. |
| 1945 | 76·5 | 4·6 | 6·1 | 14·4 | Accurate figures not available. Noukeurige syfers nie beskikbaar nie. |
| 1946 | 62·5 | 2·5 | 3·9 | 13·7 | |
| 1947 | 45·9 | 1·8 | 3·9 | 13·4 | |
| 1948 | 43·6 | 2·1 | 4·9 | 17·5 | |
| 1949 | 50·3 | 2·8 | 5·5 | 20·0 | |
| 1950 | 41·5 | 2·0 | 4·8 | 17·0 | |
| 1951 | 43·0 | 3·0 | 7·0 | 27·4 | |
| 1952 | 44·1 | 2·6 | 5·9 | 24·3 | |
| 1953 | 41·9 | 3·3 | 8·1 | 19·9 | |
| 1954 | 39·2 | 2·5 | 6·3 | 21·1 | 8·2 * |
| 1955 | 31·4 | 2·0 | 6·3 | 23·0 | 6·04 |
| 1956 | 32·13 | 2·6 | 8·1 | 23·5 | 6·67 |
| 1957 | 22·22 | 1·8 | 8·0 | 21·3 | 6·14 |

* Accurate death figures for Natives are available for the years 1954 to 1957 only and for the principal municipal areas only, and consequently the rate in the last column as far as Natives are concerned is computed on the Native population of such areas.

* Noukeurige sterftesyfers aangaande Naturelle is slegs vir die jare 1954 tot 1957 beskikbaar en slegs vir die vernaamste munisipale gebiede, en die sterftesyfer in die laaste kolom is gevolglik, vir sover dit Naturelle betref, bereken volgens die Naturellebevolking van sodanige gebiede.

TABLE 13 (*b*).—DIPHTHERIA: DISTRIBUTION OF CASES AND DEATHS (BY RACE AND AGE) DURING THE YEAR ENDED THE 31ST DECEMBER, 1957.

TABEL 13 (*b*).—WITSEERKEEL: VERSPREIDING VAN GEVALLE EN STERFGEVALLE (VOLGENS RAS EN OUDERDOM) GEDURENDE DIE JAAR GEËINDIG 31 DESEMBER 1957.

| Province. Provinsie. | Cases.—Gevalle. Age Groups.—Ouderdomsgroepe. Under 1 Year. Onder 1 jaar. | 1–4 Years. 1–4 jaar. | 5–9 Years. 5–9 jaar. | 10–19 Years. 10–19 jaar. | 20+ Years. 20+ jaar. | Total. Totaal. | Annual Incidence rate per 100,000 of the Population. Jaarlikse voorkomssyfer per 100,000 van die bevolking. | Deaths.—Sterfgevalle. Age Groups.—Ouderdomsgroepe. Under 1 Year. Onder 1 jaar. | 1–4 Years. 1–4 jaar. | 5–9 Years. 5–9 jaar. | 10–19 Years. 10–19 jaar. | 20+ Years. 20+ jaar. | Total. Totaal. | Death Rate per 100,000 of the Population. Sterftesyfer per 100,000. van die bevolking. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **WHITES.—BLANKES.** | | | | | | | | | | | | | | |
| Cape—Kaap | 8 | 107 | 84 | 27 | 15 | 241 | — | 3 | 9 | 8 | — | 1 | 21 | 2·08 |
| Natal | 9 | 36 | 38 | 22 | 22 | 127 | — | — | 2 | 3 | 1 | — | 6 | 1·89 |
| Transvaal | 12 | 82 | 100 | 35 | 21 | 250 | — | 2 | 9 | 11 | — | — | 22 | 1·61 |
| Orange Free State—Oranje-Vrystaat | 2 | 10 | 17 | 4 | 6 | 39 | — | — | 1 | 2 | — | 1 | 4 | 1·55 |
| UNION—UNIE | 31 | 235 | 239 | 88 | 64 | 657 | — | 5 | 21 | 24 | 1 | 2 | 53 | 1·79 |
| **NATIVES.—NATURELLE.*** | | | | | | | | | | | | | | |
| Cape—Kaap | 59 | 357 | 309 | 247 | 117 | 1,089 | — | 7 | 15 | 6 | — | — | 28 | 21·02 |
| Natal | 36 | 168 | 67 | 30 | 13 | 314 | — | 9 | 27 | 3 | 1 | — | 40 | 17·94 |
| Transvaal | 37 | 317 | 187 | 75 | 45 | 661 | — | 4 | 43 | 12 | 1 | — | 60 | 4·39 |
| Orange Free State—Oranje-Vrystaat | 17 | 128 | 101 | 55 | 24 | 325 | — | — | 12 | 1 | 2 | 1 | 16 | 21·62 |
| UNION—UNIE | 149 | 970 | 664 | 407 | 199 | 2,389 | — | 20 | 97 | 22 | 4 | 1 | 144 | 7·60 |
| **ASIATICS.—ASIATE.** | | | | | | | | | | | | | | |
| Cape—Kaap | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Natal | 3 | 25 | 25 | 7 | 1 | 61 | — | 1 | 5 | 4 | — | — | 10 | 2·83 |
| Transvaal | 1 | 8 | 2 | 3 | 2 | 16 | — | — | — | — | — | — | — | — |
| Orange Free State—Oranje-Vrystaat | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| UNION—UNIE | 4 | 33 | 27 | 10 | 3 | 77 | — | 1 | 5 | 4 | — | — | 10 | 2·32 |
| **COLOUREDS.—KLEURLINGE.** | | | | | | | | | | | | | | |
| Cape—Kaap | 29 | 152 | 56 | 14 | 13 | 264 | — | 9 | 37 | 12 | 2 | 2 | 62 | 5·30 |
| Natal | 1 | 6 | 2 | 2 | 2 | 13 | — | — | — | — | — | — | — | — |
| Transvaal | 2 | 18 | 12 | 2 | 1 | 35 | — | — | 6 | 1 | — | — | 7 | 7·45 |
| Orange Free State—Oranje.Vrystaat | — | 1 | 2 | 2 | — | 5 | — | — | 1 | — | — | — | 1 | 6·67 |
| UNION—UNIE | 32 | 177 | 72 | 20 | 16 | 317 | — | 9 | 44 | 13 | 2 | 2 | 70 | 5·31 |

* Figures for Native deaths relate to the principal urban areas only.
* Syfers betreffende Naturellesterfgevalle het slegs op die vernaamste stedelike gebiede betrekking.

TABLE 14 (*a*) LEPER INSTITUTIONS: NUMBER OF PATIENTS ON 31ST DECEMBER, 1957.

TABEL 14 (*a*).—LEPROSE-INRIGTINGS: GETAL PASIËNTE OP 31 DESEMBER 1957.

| Institution. Inrigting. | Whites. Blankes. | | Natives. Naturelle. | | Coloureds. Kleurlinge. | | Asiatics. Asiate. | | Total. Totaal. | | Persons. Persone. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Male. Manlik. | Female. Vroulik. | Male. Manlik. | Female. Vroulik. | Male. Manlik. | Female. Vroulik. | Male. Manlik. | Female. Vroulik. | Male. Manlik. | Female. Vroulik. | |
| Westfort (Pretoria) | 23 | 7 | 578 | 305 | 44 | 23 | 5 | 1 | 650 | 336 | 986 |
| Mkambati | — | — | 45 | 59 | — | — | — | — | 45 | 59 | 104 |
| Mjanyana | — | — | 138 | 112 | — | — | — | — | 138 | 112 | 250 |
| Amatikulu | — | — | 186 | 87 | — | — | — | — | 186 | 87 | 273 |
| TOTAL—TOTAAL | 23 | 7 | 947 | 563 | 44 | 23 | 5 | 1 | 1,019 | 594 | 1,613 |

TABLE 14 (*b*).—LEPER INSTITUTIONS: ADMISSIONS, DISCHARGES AND DEATHS, YEAR ENDED 31ST DECEMBER, 1957.

TABEL 14 (*b*).—LEPROSE-INRIGTINGS: PASIËNTE OPGENEEM, ONTSLAAN EN OORLEDE, JAAR GEËINDIG 31 DESEMBER 1957.

| Institution. Inrigting. | Admissions.—Pasiënte Opgeneem. | | Discharges. Pasiënte ontslaan. | Deaths.† Sterfgevalle.† |
|---|---|---|---|---|
| | New Cases. Nuwe gevalle. | Recrudesced Cases. Hervatte gevalle. | | |
| Westfort (Pretoria) | 318 | 14 | 465 | 32 |
| Mkambati | 30 | 3 | 91 | 3 |
| Mjanyana | 108 | 22 | 179 | 8 |
| Amatikulu | 127 | 7 | 245 | 18 |
| TOTAL—TOTAAL | 583 | 46 | 980 | 61 |

† Includes deaths from all causes.
† Sluit in sterfgevalle weens alle oorsake.

TABLE 15 (*a*).—MALARIA: HUTS TREATED WITH RESIDUAL INSECTICIDES, 1ST JULY, 1952, TO 31ST DECEMBER, 1957.

TABEL 15 (*a*).—MALARIA: HUTTE MET NAWERKENDE INSEKTEMIDDELS BEHANDEL 1 JULIE 1952 TOT 31 DESEMBER 1957.

| Tydperk.—Period. | Transvaal. | Natal. | Cape.—Kaap. |
|---|---|---|---|
| 1/7/52–31/12/52 | — | 66,897 | — |
| 1/7/52–30/6/53 | 414,787 | — | — |
| 1/1/53–31/12/53 | — | 199,902 | — |
| 1/7/53–30/6/54 | 287,566 | — | — |
| 1/1/54–31/12/54 | — | 178,622 | — |
| 1/7/54–30/6/55 | 352,863* | — | — |
| 1/1/55–31/12/55 | — | 157,515 | — |
| 1/7/55–30/6/55 | 318,893 | — | — |
| 1/1/56–31/12/56 | — | 178,907 | — |
| 1/1/57–31/12/57 | 264,555 | 141,811 | 800 |

* This figure replaces the figure 269,580 published in the annual report for 1955.
* Hierdie syfer vervang die syfer 269,580 wat in die jaarverslag vir 1955 gepubliseer is.

TABLE 15 (*b*).—VECTORS FOUND IN CHECK SPRAYING, 1ST JULY, 1951, TO 31ST DECEMBER, 1957.

TABEL 15 (*b*).—OORDRAERS WAT MET KONTROLEBESPUITING GEVIND IS, 1 JULIE 1951 TOT 31 DESEMBER 1957.

| Period.—Tydperk. | Huts Check-sprayed. Hutte waar kontrolebespuiting uitgevoer is. | | | Vectors found. Oordraers gekry. | | | Ratio of Vectors per hut. Verhouding van oordraers per hut. | | |
|---|---|---|---|---|---|---|---|---|---|
| | Cape. Kaap. | Transvaal. | Natal. | Cape. Kaap. | Transvaal. | Natal.* | Cape. Kaap. | Transvaal. | Natal. |
| 1/7/1951–30/6/1952 | — | 157,063 | 24,360 | — | 1,133 | 1,096 | — | 1: 139 | 1: 22·2 |
| 1/7/1952–31/12/1952 | — | — | 9,691 | — | — | 56 | — | — | 1: 173 |
| 1/7/1952–30/6/1953 | — | 145,219 | — | — | 5,806 | — | — | 1: 25 | — |
| 1/1/1953–31/12/1953 | — | — | 47,150 | — | — | 6,924 | — | — | 1: 6·8 |
| 1/7/1953–30/6/1954 | — | 149,911 | — | — | 716 | — | — | 1: 208 | — |
| 1/1/1954–31/12/1954 | — | — | 54,190 | — | — | 478 | — | — | 1: 117·4 |
| 1/7/1954–30/6/1955 | — | 165,423 | — | — | 1,101 | — | — | 1: 150 | — |
| 1/1/1955–31/12/1955 | — | — | 45,763 | — | — | 66 | — | — | 1: 693·4 |
| 1/7/1955–30/6/1956 | — | 179,077 | — | — | 900 | — | — | 1: 200 | — |
| 1/1/1956–31/12/1956 | — | — | 68,357 | — | — | 33 | — | — | 1: 2,071 |
| 1/1/1957–31/12/1957 | 100 | 174,410 | 80,157 | 4 | 3,023 | 301 | 1: 25 | 1: 58 | 1: 266·3 |

* Natal adult vectors identified from uncontrolled areas in Maputaland.
* Volwasse oordraers van Natal wat uit ongekontroleerde gebiede in Mapoetaland geïdentifiseer is.

TABLE 15 (*c*).—NUMBER OF POSITIVE SMEARS EXAMINED, 1ST JULY, 1951, TO 31ST DECEMBER, 1957.

TABEL 15 (*c*).—GETAL POSITIEWE SMERE WAT ONDERSOEK IS, 1 JULIE 1951 TOT 31 DESEMBER 1957.

| Period.—Tydperk. | Cape.—Kaap. | Transvaal. | Natal. | Total.—Totaal. |
|---|---|---|---|---|
| 1/7/1951–30/6/1952 | — | 19 | 35 | 54 |
| 1/7/1952–31/12/1952 | — | — | 12 | 12 |
| 1/7/1952–30/6/1953 | — | 700 | — | 700 |
| 1/1/1953–31/12/1953 | — | — | 1,039 | 1,039 |
| 1/7/1953–30/6/1954 | — | 99† | — | 99 |
| 1/1/1954–31/12/1954 | — | — | 62 | 62 |
| 1/7/1954–30/6/1955 | — | 245‡ | — | 245 |
| 1/1/1955–31/12/1955 | — | — | 57* | 57 |
| 1/7/1955–30/6/1956 | — | 163 | — | 163 |
| 1/1/1956–31/12/1956 | — | — | 62 | 62 |
| 1/1/1957–31/12/1957 | 1 | 434 | 32 | 467 |

* Seventeen imported cases and 40 indigenous cases.
* Sewentien ingevoerde gevalle en 40 inheemse gevalle.
† This figure replaces the figure 54 published in the annual reports for 1954 and 1955.
† Hierdie syfer vervang die syfer 54 wat in die jaarverslae vir 1954 en 1955 gepubliseer is.
‡ This figure replaces the figure 80 published in the annual report for 1955.
‡ Hierdie syfer vervang die syfer 80 wat in die jaarverslag vir 1955 gepubliseer is.

TABLE 16.—OCCURRENCE AND DISTRIBUTION OF HUMAN PLAGUE, 1ST JANUARY, 1953, TO 31ST DECEMBER, 1957.

TABEL 16.—VOORKOMS EN VERSPREIDING VAN MENSLIKE PES, 1 JANUARIE 1953 TOT 31 DESEMBER 1957.

| District. Distrik. | 1953. | | | 1954. | | | 1955. | | | 1956. | | | 1957. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Out-breaks. Uit-brekings. | Cases. Gevalle. | Deaths. Sterf-gevalle. | Out-breaks. Uit-brekings. | Cases. Gevalle. | Deaths. Sterf-gevalle. | Out-breaks. Uit-brekings. | Cases. Gevalle. | Deaths. Sterf-gevalle. | Out-breaks. Uit-brekings. | Cases. Gevalle. | Deaths. Sterf-gevalle. | Out-breaks. Uit-brekings. | Cases. Gevalle. | Deaths. Sterf-gevalle. |
| Cape Province—Kaapprovinsie— | | | | | | | | | | | | | | | |
| Aliwal North—Aliwal-Noord | 1 | 1 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Calvinia | 1 | 1 | 1 | — | — | — | — | 1 | — | — | — | — | — | — | — |
| Carnarvon | — | — | — | 1 | 1 | 1 | — | 1 | — | — | — | — | — | — | — |
| Kenhardt | — | — | — | — | — | — | — | — | — | 1 | 1 | — | — | — | — |
| Port Elizabeth | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| St. Marks | — | — | — | — | — | — | — | 3 | — | — | — | — | — | — | — |
| Uitenhage | — | — | — | — | — | — | — | 2 | — | — | — | — | 2 | 4 | 2 |
| Vryburg | — | — | — | — | — | — | — | — | — | — | — | — | 2 | 3 | 2 |
| Williston | — | — | — | 3 | 6 | 4 | — | 1 | — | — | — | — | — | — | — |
| Orange Free State—Oranje-Vrystaat— | | | | | | | | | | | | | | | |
| Bothaville | — | — | — | — | — | — | — | — | — | 1 | 2 | — | — | — | — |
| Heilbron | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Koppies | — | — | — | 2 | 5 | — | — | — | — | — | — | — | — | — | — |
| Kroonstad | — | — | — | 3 | 5 | 3 | — | — | — | — | — | — | — | — | — |
| Ladybrand | 1 | 9 | 1 | — | — | — | — | — | — | — | — | — | — | — | — |
| Thaba Nchu | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| TOTAL—TOTAAL | 3 | 11 | 2 | 9 | 17 | 8 | — | 8 | — | 2 | 3 | — | 4 | 7 | 4 |

TABLE 17 (*a*).—ACUTE POLIOMYELITIS: NOTIFICATIONS AND DEATHS BY RACE, REPORTED DURING THE YEAR ENDED THE 31ST DECEMBER, 1957.

TABEL 17 (*a*).—AKUTE POLIOMIËLITIS: AANGIFTE EN STERFGEVALLE VOLGENS RAS AANGEGEE GEDURENDE DIE JAAR GEËINDIG 31 DESEMBER 1957.

| Month. Maand. | Cape Province. Kaapprovinsie. | | | | Natal. | | | | Transvaal. | | | | Orange Free State. Oranje-Vrystaat. | | | | Union. Unie. | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Whites. Blankes. | Natives. Naturelle. | Asiatics. Asiate. | Coloureds. Kleurlinge. | Whites. Blankes. | Natives. Naturelle. | Asiatics. Asiate. | Coloureds. Kleurlinge. | Whites. Blankes. | Natives. Naturelle. | Asiatics. Asiate. | Coloureds. Kleurlinge. | Whites. Blankes. | Natives. Naturelle. | Asiatics. Asiate. | Coloureds. Kleurlinge. | Whites. Blankes. | Natives. Naturelle. | Asiatics. Asiate. | Coloureds. Kleurlinge. |
| January—Januarie..... | 62 | 41 | — | 75 | 62 | 58 | 9 | 6 | 128 | 39 | — | 3 | 19 | 31 | — | 1 | 271 | 169 | 9 | 85 |
| February—Februarie... | 48 | 43 | — | 67 | 98 | 88 | 14 | 4 | 114 | 30 | 2 | 4 | 7 | 16 | — | — | 267 | 177 | 16 | 75 |
| March—Maart..... | 54 | 33 | — | 80 | 97 | 67 | 7 | — | 92 | 35 | — | 3 | 16 | 11 | — | — | 259 | 146 | 7 | 83 |
| April..... | 38 | 25 | — | 35 | 36 | 35 | 2 | — | 55 | 38 | 1 | 2 | 10 | 7 | — | — | 139 | 105 | 3 | 37 |
| May—Mei..... | 25 | 24 | 2 | 39 | 18 | 15 | 3 | 1 | 30 | 25 | — | 2 | 8 | 6 | — | — | 81 | 70 | 5 | 42 |
| June—Junie..... | 16 | 12 | — | 36 | 3 | 10 | 1 | 1 | 11 | 10 | — | 1 | — | 3 | — | — | 30 | 35 | 1 | 38 |
| July—Julie..... | 10 | 2 | — | 14 | 3 | 5 | 1 | — | 4 | 8 | — | — | 1 | 7 | — | — | 18 | 22 | 1 | 14 |
| August—Augustus..... | 3 | 2 | — | 4 | — | 5 | — | — | 7 | 7 | 1 | 2 | — | 2 | — | — | 10 | 16 | 1 | 6 |
| September..... | 1 | 3 | — | 10 | 4 | — | 1 | 1 | 2 | 2 | — | — | — | — | — | — | 7 | 5 | 1 | 11 |
| October—Oktober..... | 7 | 2 | — | 3 | 6 | — | 1 | — | 9 | 8 | — | 1 | 1 | 3 | — | — | 23 | 13 | 1 | 4 |
| November..... | 11 | 4 | — | 11 | 6 | 1 | 1 | — | 26 | 14 | 1 | 1 | 1 | 6 | — | — | 44 | 25 | 2 | 12 |
| December—Desember.. | 6 | 9 | — | 9 | 4 | — | — | — | 16 | 5 | — | 1 | 3 | 3 | — | — | 29 | 17 | — | 10 |
| TOTAL CASES— TOTALE GEVALLE..... | 281 | 200 | 2 | 383 | 337 | 284 | 40 | 13 | 494 | 221 | 5 | 20 | 66 | 95 | — | 1 | 1,178 | 800 | 47 | 417 |
| TOTAL DEATHS— TOTALE STERFGEVALLE | 39 | 2* | — | 32 | 10 | 9* | 1 | — | 59 | 17* | — | — | 7 | 7* | — | — | 115 | 35* | 1 | 32 |

* Figures for Native deaths relate to the principal urban areas only, whereas the number of cases notified refer to the whole of the Union.
* Syfers betreffende Naturellesterfgevalle het slegs op die vernaamste stedelike gebiede betrekking, maar die aangifte het betrekking op die hele Unie.

TABLE 17 (*b*).—ACUTE POLIOMYELITIS: NUMBER OF CASES NOTIFIED AND THEIR DISTRIBUTION SINCE THE 1ST JULY, 1940.

TABEL 17 (*b*).—AKUTE POLIOMIËLITIS: GETAL GEVALLE AANGEGEE EN DIE VERSPREIDING DAARVAN SEDERT 1 JULIE 1940.

| Period. Tydperk. | Cape Province. Kaapprovinsie. | | Natal. | | Transvaal. | | Orange Free State. Oranje-Vrystaat. | | Union. Unie. |
|---|---|---|---|---|---|---|---|---|---|
| Year Ended. Jaar geëindig. | Whites. Blankes. | Non-Whites. Nie-blankes. | Whites. Blankes. | Non-Whites. Nie-blankes. | Whites. Blankes. | Non-Whites. Nie-blankes. | Whites. Blankes. | Non-Whites. Nie-blankes. | Total. Totaal. |
| 30/6/1940 | 11 | 20 | 4 | 3 | 19 | 2 | 2 | 1 | 62 |
| 30/6/1941 | 16 | 14 | 6 | 1 | 39 | 12 | 4 | — | 92 |
| 30/6/1942 | 16 | 6 | 10 | 1 | 14 | 4 | — | — | 51 |
| 30/6/1943 | 10 | 3 | 12 | — | 9 | 1 | — | 1 | 36 |
| 30/6/1944 | 6 | 6 | 5 | 6 | 41 | 10 | — | 1 | 75 |
| 30/6/1945 | 183 | 211 | 126 | 168 | 420 | 122 | 79 | 71 | 1,380 |
| 30/6/1946 | 40 | 43 | 8 | 30 | 66 | 20 | — | 10 | 217 |
| 30/6/1947 | 11 | 20 | 6 | 13 | 16 | 10 | — | 3 | 79 |
| 30/6/1948 | 79 | 70 | 144 | 162 | 1,058 | 375 | 99 | 86 | 2,073 |
| 30/6/1949 | 38 | 50 | 47 | 74 | 183 | 87 | 36 | 35 | 550 |
| 30/6/1950 | 23 | 14 | 16 | 9 | 70 | 20 | 3 | 6 | 161 |
| 30/6/1951 | 34 | 46 | 12 | 13 | 74 | 19 | 10 | 7 | 215 |
| Six months to—Ses maande tot 31/12/1951 | 28 | 12 | 31 | 19 | 178 | 33 | 11 | 8 | 320 |
| 31/12/1952 | 42 | 26 | 27 | 32 | 90 | 24 | 23 | 6 | 270 |
| 31/12/1953 | 113 | 72 | 14 | 15 | 61 | 26 | 26 | 12 | 339 |
| 31/12/1954 | 90 | 74 | 150 | 143 | 260 | 96 | 36 | 21 | 870 |
| 31/12/1955 | 121 | 157 | 149 | 160 | 340 | 120 | 32 | 31 | 1,110 |
| 31/12/1956 | 307 | 683 | 288 | 206 | 903 | 615 | 140 | 207 | 3,349 |
| 31/12/1957 | 281 | 585 | 337 | 337 | 494 | 246 | 66 | 96 | 2,442 |

TABLE 17 (*c*).—ACUTE POLIOMYELITIS: DISTRIBUTION OF CASES AND DEATHS, BY RACE AND AGE, REPORTED DURING THE YEAR ENDED THE 31ST DECEMBER, 1957.

TABEL 17 (*c*).—AKUTE POLIOMIËLITIS: VERSPREIDING VAN GEVALLE EN STERFGEVALLE, VOLGENS RAS EN OUDERDOM, AANGEMELD GEDURENDE DIE JAAR GEËINDIG 31 DESEMBER 1957.

| Province. Provinsie. | Cases.—Gevalle. Age.—Ouderdom. Under 1 Year. Onder 1 jaar. | 1–4. | 5–9. | 10–19. | 20+* | Total. Totaal. | Incidence Rate per 100,000 of the Population. Voorkomssyfer per 100,000 van die bevolking. | Deaths.—Sterfgevalle. Age.—Ouderdom. Under 1 Year. Onder 1 jaar. | 1–4. | 5–9. | 10–19. | 20+*. | Total. Totaal. | Incidence Rate per 100,000 of the Population. Voorkomssyfer per 100,000 van die bevolking. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **WHITES.—BLANKES.** | | | | | | | | | | | | | | |
| Cape—Kaap | 20 | 119 | 60 | 45 | 37 | 281 | — | 5 | 11 | 8 | 12 | 3 | 39 | 3·86 |
| Natal | 10 | 50 | 96 | 105 | 76 | 337 | — | 1 | 1 | 1 | 2 | 5 | 10 | 3·14 |
| Transvaal | 27 | 164 | 124 | 115 | 64 | 494 | — | 2 | 16 | 12 | 17 | 12 | 59 | 4·31 |
| Orange Free State—Oranje-Vrystaat | 2 | 17 | 18 | 22 | 7 | 66 | — | — | 3 | — | 3 | 1 | 7 | 2·71 |
| UNION—UNIE | 59 | 350 | 298 | 287 | 184 | 1,178 | — | 8 | 31 | 21 | 34 | 21 | 115 | 3·89 |
| **NATIVES.—NATURELLE.†** | | | | | | | | | | | | | | |
| Cape—Kaap | 34 | 120 | 29 | 11 | 6 | 200 | — | — | 1 | — | 1 | — | 2 | 0·86 |
| Natal | 37 | 171 | 37 | 24 | 15 | 284 | — | 3 | 5 | 1 | — | — | 9 | 4·04 |
| Transvaal | 48 | 115 | 25 | 17 | 16 | 221 | — | 4 | 8 | 1 | 4 | — | 17 | 1·24 |
| Orange Free State—Oranje-Vrystaat | 11 | 48 | 15 | 16 | 5 | 95 | — | 1 | 1 | 4 | — | 1 | 7 | 9·46 |
| UNION—UNIE | 130 | 454 | 106 | 68 | 42 | 800 | — | 8 | 15 | 6 | 5 | 1 | 35 | 1·85 |
| **ASIATICS.—ASIATE.** | | | | | | | | | | | | | | |
| Cape—Kaap | — | 2 | — | — | — | 2 | — | — | — | — | — | — | — | — |
| Natal | 8 | 18 | 5 | 4 | 5 | 40 | — | — | — | 1 | — | — | 1 | 0·28 |
| Transvaal | 1 | 1 | 1 | 1 | 1 | 5 | — | — | — | — | — | — | — | — |
| Orange Free State—Oranje-Vrystaat | — | — | — | — | — | — | —‡ | — | — | — | — | — | — | — |
| UNION—UNIE | 9 | 21 | 6 | 5 | 6 | 47 | — | — | — | 1 | — | — | 1 | 0·23 |
| **COLOUREDS.—KLEURLINGE.** | | | | | | | | | | | | | | |
| Cape—Kaap | 83 | 264 | 16 | 15 | 5 | 383 | — | 3 | 26 | 2 | 1 | — | 32 | 2·74 |
| Natal | 2 | 7 | 2 | 2 | — | 13 | — | — | — | — | — | — | — | — |
| Transvaal | 7 | 9 | — | 2 | 2 | 20 | — | — | — | — | — | — | — | — |
| Orange Free State—Oranje-Vrystaat | — | — | — | 1 | — | 1 | — | — | — | — | — | — | — | — |
| UNION—UNIE | 92 | 280 | 18 | 20 | 7 | 417 | — | 3 | 26 | 2 | 1 | — | 32 | 2·43 |

* Includes cases where age is not specified.
* Sluit gevalle in waar ouderdom nie genoem is nie.

† Figures for Native deaths relate to the principal urban areas only.
† Syfers betreffende Naturellesterfgevalle het slegs op die vernaamste stedelike gebiede betrekking.

‡ Population too small to calculate reliable rate.
‡ Bevolking te klein om 'n betroubare voorkomssyfer te bereken.

TABLE 17 (*d*).—ACUTE POLIOMYELITIS: DEATHS BY MONTH DURING THE YEAR ENDED THE 31st DECEMBER, 1957.

TABEL 17 (*d*).—AKUTE POLIOMIËLITIS: STERFGEVALLE VOLGENS MAAND GEDURENDE DIE JAAR GEËINDIG 31 DESEMBER 1957.

| Area. Gebied. | Month and Sex.—Maand en geslag. | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | January. Januarie. | | February. Februarie. | | March. Maart. | | April. | | May. Mei. | | June. Junie. | | July. Julie. | | August. Augustus. | | September. | | October. Oktober. | | November. | | December. Desember. | | Total. Totaal. | | |
| | M. M. | F. V. | M. M. | F. V. | M. M. | F. V. | M. M. | F. V. | M. M. | F. V. | M. M. | F. V. | M. M. | F. V. | M. M. | F. V. | M. M. | F. V. | M. M. | F. V. | M. M. | F. V. | M. M. | F. V. | M. M. | F. V. | T. T. |
| **WHITES.—BLANKES.** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Urban—Stedelik..... | 15 | 10 | 6 | 5 | 7 | 8 | 5 | 5 | 4 | 2 | 5 | — | 2 | — | 2 | — | — | — | — | — | 4 | 1 | 2 | 3 | 52 | 34 | 86 |
| Rural—Plattelands... | 3 | 4 | 1 | 2 | 2 | 4 | 4 | 1 | 2 | 1 | 1 | — | — | 1 | — | — | — | — | — | 2 | — | — | 1 | — | 14 | 15 | 29 |
| Total—Totaal..... | 18 | 14 | 7 | 7 | 9 | 12 | 9 | 6 | 6 | 3 | 6 | — | 2 | 1 | 2 | — | — | — | — | 2 | 4 | 1 | 3 | 3 | 66 | 49 | 115 |
| **ASIATICS.—ASIATE.** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Urban—Stedelik..... | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 1 | — | — | — | — | — | — | — | — | — | 1 | 1 |
| Rural—Plattelands... | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total—Totaal..... | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 1 | — | — | — | — | — | — | — | — | — | 1 | 1 |
| **COLOUREDS.—KLEURLINGE.** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Urban—Stedelik..... | 2 | — | 2 | 1 | 1 | 3 | 2 | — | 1 | — | 2 | — | — | — | — | — | 1 | — | — | — | — | 1 | 1 | 1 | 12 | 6 | 18 |
| Rural—Plattelands... | 1 | 2 | 1 | — | 1 | — | 1 | 2 | 1 | — | 2 | — | — | — | 1 | — | — | — | — | — | — | 1 | 1 | — | 9 | 5 | 14 |
| Total—Totaal..... | 3 | 2 | 3 | 1 | 2 | 3 | 3 | 2 | 2 | — | 4 | — | — | — | 1 | — | 1 | — | — | — | — | 2 | 2 | 1 | 21 | 11 | 32 |
| **NATIVES.—NATURELLE.*** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Urban—Stedelik..... | 1 | 4 | 5 | 3 | 1 | 1 | 2 | 2 | 1 | 1 | — | 1 | — | 1 | 1 | — | — | — | 1 | — | 2 | 1 | 2 | 5 | 16 | 19 | 35 |
| Rural—Plattelands... | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total—Totaal..... | 1 | 4 | 5 | 3 | 1 | 1 | 2 | 2 | 1 | 1 | — | 1 | — | 1 | 1 | — | — | — | 1 | — | 2 | 1 | 2 | 5 | 16 | 19 | 35 |
| **TOTAL (ALL RACES).—TOTAAL (ALLE RASSE).** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Urban—Stedelik..... | 18 | 14 | 13 | 9 | 9 | 12 | 9 | 7 | 6 | 3 | 7 | 1 | 2 | 1 | 3 | 1 | 1 | — | 1 | — | 6 | 3 | 5 | 9 | 80 | 60 | 140 |
| Rural—Plattelands... | 4 | 6 | 2 | 2 | 3 | 4 | 5 | 3 | 3 | 1 | 3 | — | — | 1 | 1 | — | — | — | — | 2 | — | 1 | 2 | — | 23 | 20 | 43 |
| Total—Totaal..... | 22 | 20 | 15 | 11 | 12 | 16 | 14 | 10 | 9 | 4 | 10 | 1 | 2 | 2 | 4 | 1 | 1 | — | 1 | 2 | 6 | 4 | 7 | 9 | 103 | 80 | 183 |

* Figures for Native deaths relate to the principal urban areas only.
* Syfers betreffende Naturellesterfgevalle het slegs op die vernaamste stedelike gebiede betrekking.

TABLE 18 (*a*).—RABIES: HUMAN CONTACTS AND DISTRIBUTION THEREOF, 1ST JANUARY, 1953, TO 31ST DECEMBER, 1957.

TABEL 18 (*a*).—HONDSDOLHEID, MENSLIKE KONTAKTE EN VERSPREIDING DAARVAN, 1 JANUARIE 1953 TOT 31 DESEMBER 1957.

| District. Distrik. | 1953. | | 1954. | | 1955. | | 1956. | | 1957. | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Whites. Blankes. | Non-Whites. Nie-blankes. | Whites. Blankes. | Non-Whites. Nie-blankes. | Whites. Blankes. | Non-Whites. Nie-blankes. | Whites. Blankes. | Non-Whites. Nie-blankes. | Whites. Blankes. | Non-Whites. Nie-blankes. |
| Transvaal— | | | | | | | | | | |
| Barberton | — | — | 3 | — | — | — | — | — | — | — |
| Bloemhof | — | — | — | — | 1 | — | — | — | — | — |
| Bronkhorstspruit | — | — | 1 | — | — | — | — | — | — | — |
| Carolina | — | — | — | — | 1 | 4 | — | — | — | — |
| Christiana | — | — | — | — | — | — | 1 | 4 | — | — |
| Delareyville | — | 36 | — | — | — | — | — | — | 1 | — |
| Ermelo | 1 | — | 1 | — | — | 1 | — | — | — | 15 |
| Klerksdorp | — | 1 | — | — | — | — | — | — | — | — |
| Letaba | — | 6 | 3 | 12 | 4 | 16 | — | — | 5 | — |
| Lichtenburg | — | — | 2 | — | 1 | — | — | — | — | — |
| Marico | — | — | — | — | — | — | — | — | — | 1 |
| Nelspruit | — | — | 3 | 1 | — | — | — | — | 1 | — |
| Pilgrim's Rest—Pelgrimsrus | — | — | 1 | — | — | 1 | — | — | — | — |
| Potchefstroom | — | — | — | — | — | 2 | — | — | — | — |
| Potgietersrus | — | — | 1 | 4 | — | — | — | — | — | — |
| Pretoria | — | — | 1 | — | — | — | — | — | — | 1 |
| Schweizer-Reneke | — | — | — | — | — | — | 1 | — | 3 | 1 |
| Sibasa | — | — | — | 4 | — | — | — | — | — | 21 |
| Soutpansberg | — | 12 | 2 | — | 1 | 1 | 4 | 37 | 16 | 32 |
| Ventersdorp | — | — | 1 | — | — | — | — | — | 1 | — |
| Wolmaransstad | — | — | — | — | — | — | — | 1 | — | — |
| Orange Free State—Oranje-Vrystaat— | | | | | | | | | | |
| Bloemfontein | — | — | — | — | 2 | — | — | — | — | — |
| Boshof | — | — | — | 7 | — | — | — | — | — | — |
| Bultfontein | — | — | — | — | — | — | — | — | 1 | 1 |
| Edenburg | — | — | 3 | 1 | 1 | 2 | — | — | — | — |
| Fauresmith | — | — | 1 | 3 | — | 1 | 1 | — | 2 | 5 |
| Frankfort | — | — | 1 | — | — | 1 | — | — | — | — |
| Harrismith | — | — | — | — | — | 2 | — | — | — | — |
| Hoopstad | — | 16 | — | — | — | 3 | — | — | 1 | 1 |
| Koppies | — | — | — | 1 | — | — | — | — | — | — |
| Kroonstad | 2 | 2 | 2 | 2 | — | — | 6 | — | — | — |
| Lindley | — | — | — | — | — | — | 1 | 4 | — | — |
| Marquard | — | — | 3 | 5 | — | 1 | — | 1 | — | — |
| Odendaalsrus | — | — | 2 | 4 | — | — | — | — | — | — |
| Thaba Nchu | — | — | 1 | 3 | — | — | — | — | — | — |
| Trompsburg | — | — | — | — | — | — | — | — | 1 | — |
| Ventersburg | — | — | — | — | 1 | — | — | — | — | — |
| Winburg | — | — | — | 1 | — | — | — | — | — | — |
| Cape Province—Kaapprovinsie— | | | | | | | | | | |
| Albany—Albanie | — | — | — | — | — | — | — | — | 2 | — |
| Albert | 1 | — | — | 1 | — | — | — | — | — | — |
| Fort Beaufort | — | — | — | — | — | — | — | — | 9 | 3 |
| Gordonia | — | — | — | — | — | — | — | — | 1 | — |
| Kimberley | — | — | 1 | — | — | — | — | — | — | — |
| Kuruman | — | — | 1 | — | 1 | — | — | — | — | 1 |
| Mafeking | 18 | 18 | 1 | — | 1 | — | — | — | — | — |
| Maraisburg | — | — | — | — | — | — | — | 2 | — | — |
| Prieska | — | — | 1 | — | — | 1 | — | — | — | — |
| Venterstad | — | — | — | — | 1 | — | — | — | — | — |
| Vryburg | 12 | 19 | 2 | — | 6 | 2 | 4 | 2 | 2 | 2 |
| Williston | — | — | — | — | — | — | — | — | — | — |

TABLE 18 (*b*).—RABIES: KNOWN NUMBER OF CASES AND ANIMALS RESPONSIBLE FOR TRANSMISSION, YEAR ENDED THE 31ST DECEMBER, 1957.

TABEL 18 (*b*).—HONDSDOLHEID: BEKENDE GETAL GEVALLE EN DIERE VERANTWOORDELIK VIR OORDRAGING, JAAR GEËINDIG 31 DESEMBER 1957.

| Known Number of Cases of Rabies (Humans).<br>Bekende getal gevalle van Hondsdolheid (Mense). | Animals responsible for Transmission.<br>Diere verantwoordelik vir oordraging. |
|---|---|
| None.—Geen. | None.—Geen. |

TABLE 19.—SMALLPOX: PROVINCIAL INCIDENCE OF CASES, 1ST JULY, 1950, TO 31ST DECEMBER, 1957.

TABEL 19.—POKKIES: PROVINSIALE VOORKOMSSYFER, 1 JULIE 1950 TOT 31 DESEMBER 1957.

| Province.<br>Provinsie. | 1st July, 1950–31st December, 1953.<br>1 Julie 1950–31 Desember 1953. | 1954. | 1955. | 1956. | 1957. |
|---|---|---|---|---|---|
| Cape—Kaap | 3 | 1 | 7 | 1 | — |
| Natal | — | — | 1 | 3 | — |
| Transvaal | 9 | 6 | 19 | — | — |
| Orange Free State—Oranje-Vrystaat | 2 | — | — | — | — |
| | 14 | 7 | 27 | 4 | — |

TABLE 20 (*a*).—TUBERCULOSIS: DISTRIBUTION OF CASES AND DEATHS, BY RACE AND AGE, REPORTED DURING THE YEAR ENDED THE 31ST DECEMBER, 1957.

TABEL 20 (*a*).—TUBERKULOSE: VERSPREIDING VAN GEVALLE EN STERFGEVALLE, VOLGENS RAS EN OUDERDOM, AANGEMELD GEDURENDE DIE JAAR GEËINDIG 31 DESEMBER 1957.

| | 0-4 Years. 0-4 Jaar. | | 5-9 Years. 5-9 Jaar. | | 10-14 Years. 10-14 Jaar. | | 15-19 Years. 15-19 Jaar. | | 20-24 Years. 20-24 Jaar. | | 25-29 Years. 25-29 Jaar. | | 30-39 Years. 30-39 Jaar. | | 40-49 Years. 40-49 Jaar. | | 50 + Years. 50 + Jaar. | | Unspecified. Ongespesifiseer. | | Total. Totaal. | | Yearly incidence and death-rate per 100,000 of population. Jaarlikse voorkoms en sterftesyfer per 100,000 van die bevolking. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Cases. Gevalle. | Deaths. Sterfgevalle. | Cases. Gevalle. | Deaths. Sterfgevalle. | Cases. Gevalle. | Deaths. Sterfgevalle. | Cases. Gevalle. | Deaths. Sterfgevalle. | Cases. Gevalle. | Deaths. Sterfgevalle. | Cases. Gevalle. | Deaths. Sterfgevalle. | Cases. Gevalle. | Deaths. Sterfgevalle. | Cases. Gevalle. | Deaths. Sterfgevalle. | Cases. Gevalle. | Deaths. Sterfgevalle. | Cases. Gevalle. | Deaths. Sterfgevalle. | Cases. Gevalle. | Deaths. Sterfgevalle. | Cases. Gevalle. | Deaths. Sterfgevalle. |
| **WHITES.—BLANKES.** | | | | | | | | | | | | | | | | | | | | | | | | |
| Cape—Kaap | 83 | 4 | 46 | 1 | 29 | — | 58 | — | 58 | 2 | 61 | 4 | 105 | 12 | 91 | 19 | 133 | 43 | 13 | — | 677 | 85 | 66·9 | 8·41 |
| Transvaal | 60 | 5 | 22 | — | 10 | — | 10 | 1 | 13 | — | 23 | 1 | 59 | 9 | 74 | 7 | 185 | 60 | 42 | — | 498 | 83 | 36·3 | 6·06 |
| Orange Free State—Oranje-Vrystaat | 7 | 1 | 4 | — | 2 | — | 2 | — | 4 | — | 6 | — | 10 | 1 | 14 | 1 | 15 | 6 | 2 | — | 66 | 9 | 25·6 | 3·49 |
| Natal | 11 | — | 8 | 1 | 5 | — | 14 | 2 | 14 | — | 14 | 1 | 37 | 1 | 41 | 8 | 83 | 16 | 10 | — | 237 | 29 | 74·5 | 9·12 |
| TOTAL—TOTAAL | 161 | 10 | 80 | 2 | 46 | — | 84 | 3 | 89 | 2 | 104 | 6 | 211 | 23 | 220 | 35 | 416 | 125 | 67 | — | 1,478 | 206 | 49·9 | 6·79 |
| **NATIVES.—NATURELLE.** | | | | | | | | | | | | | | | | | | | | | | | | |
| Cape—Kaap | 4,082 | 162 | 1,909 | 15 | 1,100 | 9 | 1,036 | 28 | 1,074 | 33 | 1,197 | 34 | 2,386 | 65 | 2,306 | 50 | 2,879 | 77 | 145 | — | 18,114 | 473 | 675·1 | 203·00 |
| Transvaal | 2,201 | 174 | 916 | 22 | 435 | 20 | 511 | 44 | 757 | 75 | 877 | 72 | 1,649 | 193 | 1,523 | 191 | 1,587 | 239 | 187 | 1 | 10,643 | 1,031 | 270·8 | 75·42 |
| Orange Free State—Oranje-Vrystaat | 98 | 7 | 70 | 3 | 49 | 3 | 137 | 3 | 182 | 5 | 170 | 8 | 242 | 11 | 205 | 7 | 142 | 10 | 27 | — | 1,322 | 57 | 145·1 | 77·03 |
| Natal | 1,932 | 104 | 1,014 | 12 | 706 | 11 | 786 | 28 | 971 | 48 | 1,118 | 50 | 1,878 | 96 | 1,499 | 78 | 2,187 | 134 | 288 | — | 12,379 | 561 | 629·4 | 251·57 |
| TOTAL—TOTAAL | 8,313 | 447 | 3,909 | 52 | 2,290 | 43 | 2,470 | 103 | 2,984 | 161 | 3,362 | 164 | 6,155 | 365 | 5,533 | 326 | 6,795 | 460 | 647 | 1 | 42,458 | 2,122 | 448·8 | 111·86 |
| **COLOUREDS.—KLEURLINGE.** | | | | | | | | | | | | | | | | | | | | | | | | |
| Cape—Kaap | 1,572 | 498 | 715 | 67 | 462 | 27 | 627 | 84 | 698 | 130 | 551 | 112 | 759 | 200 | 578 | 174 | 690 | 373 | 139 | 1 | 6 791 | 1,666 | 580·9 | 142·51 |
| Transvaal | 94 | 20 | 32 | 1 | 8 | 2 | 17 | — | 40 | 3 | 35 | 6 | 43 | 12 | 33 | 22 | 48 | 27 | 4 | — | 354 | 93 | 376·6 | 98·94 |
| Orange Free State—Oranje-Vrystaat | — | 3 | 3 | — | 2 | — | — | 1 | 3 | 4 | 2 | 1 | 4 | 3 | 5 | 4 | 3 | 6 | 1 | — | 23 | 22 | 160·0 | 146·67 |
| Natal | 37 | 5 | 17 | 1 | 7 | — | 12 | 1 | 12 | 1 | 17 | 1 | 44 | 3 | 19 | 8 | 46 | 5 | 3 | — | 214 | 25 | 521·9 | 60·98 |
| TOTAL—TOTAAL | 1,703 | 526 | 767 | 69 | 479 | 29 | 656 | 86 | 753 | 138 | 605 | 120 | 850 | 218 | 635 | 208 | 787 | 411 | 147 | 1 | 7,382 | 1,806 | 559·6 | 136·92 |
| **ASIATICS.—ASIATE.** | | | | | | | | | | | | | | | | | | | | | | | | |
| Cape—Kaap | 41 | 2 | 14 | — | 12 | 1 | 11 | — | 12 | — | 12 | 2 | 21 | 2 | 11 | 1 | 10 | 1 | 3 | — | 147 | 9 | 735·0 | 45·00 |
| Transvaal | 16 | 1 | 5 | — | 6 | 1 | 6 | — | 12 | 1 | 6 | 1 | 9 | 1 | 11 | — | 6 | 8 | — | — | 77 | 13 | 132·8 | 22·41 |
| Orange Free State—Oranje-Vrystaat | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Natal | 95 | 18 | 43 | 2 | 47 | 2 | 81 | 4 | 108 | 7 | 86 | 10 | 105 | 12 | 74 | 12 | 98 | 13 | 17 | — | 754 | 80 | 213·6 | 22·66 |
| TOTAL—TOTAAL | 152 | 21 | 62 | 2 | 65 | 4 | 98 | 4 | 132 | 8 | 104 | 13 | 135 | 15 | 96 | 13 | 114 | 22 | 20 | — | 978 | 102 | 226·9 | 23·67 |
| GRAND TOTAL—GROOTTOTAAL | 10,329 | 1,004 | 4,818 | 125 | 2,880 | 76 | 3,308 | 196 | 3,958 | 309 | 4,175 | 303 | 7,351 | 621 | 6,484 | 582 | 8,112 | 1,018 | 881 | 2 | 52,296 | 4,236 | 369·1 | 64·14 |

TABLE 20 (*b*).—TUBERCULOSIS: FORMS WHICH CAUSED DEATH IN CHILDREN UNDER FIVE YEARS OF AGE, YEAR ENDED THE 31ST DECEMBER, 1957.

TABEL 20 (*b*).—TUBERKULOSE: VORMS WAT DIE DOOD VEROORSAAK HET BY KINDERS ONDER DIE OUDERDOM VAN VYF JAAR, JAAR GEËINDIG 31 DESEMBER 1957.

| Cause of Death.—Doodsoorsaak. | Whites. Blankes. | | | Coloureds. Kleurlinge. | | | Asiatics. Asiate. | | |
|---|---|---|---|---|---|---|---|---|---|
| | Male. Manlik. | Female. Vroulik. | Total. Totaal. | Male. Manlik. | Female. Vroulik. | Total. Totaal. | Male. Manlik. | Female. Vroulik. | Total. Totaal. |
| 002 Pulmonary tuberculosis—Longtuberkulose | 2 | 1 | 3 | 129 | 123 | 252 | 6 | 4 | 10 |
| 005 Tracheo bronchial glandular tuberculosis—Tuberkulose van lugpyp-bronchiale klier | — | — | — | — | — | — | — | — | — |
| 010 Tuberculosis of meninges and central nervous system—Tuberkulose van harsingvliese en sentrale senuweestelsel | 3 | 3 | 6 | 95 | 76 | 171 | 5 | 5 | 10 |
| 011 Tuberculosis of intestines, peritoneum and mesenteric glands—Tuberkulose van ingewande, buikvlies en dermskeilkliere | 1 | — | 1 | 9 | 12 | 21 | — | — | — |
| 012 Tuberculosis of bones and joints—Tuberkulose van bene en gewrigte | — | — | — | — | — | — | — | — | — |
| 015 Tuberculosis of lymphatic system—Tuberkulose van limfklierstelsel | — | — | — | 3 | 1 | 4 | — | — | — |
| 016 Tuberculosis of genito-urinary system—Tuberkulose van urogenitale stelsel | — | — | — | — | — | — | — | — | — |
| Tuberculosis of other organs—Tuberkulose van ander organe | — | — | — | 1 | 1 | 2 | — | — | — |
| 019 Disseminated tuberculosis—Verspreide tuberkulose | — | — | — | 44 | 32 | 76 | — | 1 | 1 |
| All forms of tuberculosis—Alle vorms van tuberkulose | 6 | 4 | 10 | 281 | 245 | 526 | 11 | 10 | 21 |

TABLE 21.—TYPHOID OR ENTERIC FEVER: DISTRIBUTION OF CASES AND DEATHS, BY RACE AND AREA, REPORTED DURING THE YEAR ENDED 31ST DECEMBER, 1957.

TABEL 21.—MAAGKOORS OF INGEWANDSKOORS: VERSPREIDING VAN GEVALLE EN STERFGEVALLE VOLGENS RAS EN GEBIED, AANGEGEE GEDURENDE DIE JAAR GEËINDIG 31 DESEMBER 1957.

| Province. Provinsie. | Cases.—Gevalle. | | Deaths.—Sterfgevalle.* | |
|---|---|---|---|---|
| | Total. Totaal. | Annual incidence Rate per 100,000 of the Population. Jaarlikse voorkomssyfer per 100,000 van die bevolking. | Total. Totaal. | Death Rate per 100,000 of the Population. Sterftesyfer per 100,000 van die bevolking. |
| **WHITES.—BLANKES.** | | | | |
| Cape—Kaap | 51 | 5 | 6 | 0·59 |
| Natal | 30 | 9·4 | 1 | 0·31 |
| Transvaal | 143 | 10·4 | 3 | 0·22 |
| Orange Free State—Oranje-Vrystaat | 44 | 17 | 1 | 0·39 |
| TOTAL—TOTAAL | 268 | 9·1 | 11 | 0·37 |
| **NATIVES.—NATURELLE.*** | | | | |
| Cape—Kaap | 332 | 12·4 | 9 | 3·86 |
| Natal | 902 | 46·6 | 14 | 6·28 |
| Transvaal | 954 | 24·3 | 46 | 3·37 |
| Orange Free State—Oranje-Vrystaat | 396 | 43·4 | 4 | 5·41 |
| TOTAL—TOTAAL | 2,584 | 27·3 | 73 | 3·85 |
| **ASIATICS.—ASIATE.** | | | | |
| Cape—Kaap | — | — | — | — |
| Natal | 41 | 11·4 | 3 | 0·85 |
| Transvaal | 4 | 6·9 | — | — |
| Orange Free State—Oranje-Vrystaat | — | — | — | — |
| TOTAL—TOTAAL | 45 | 10·5 | 3 | 0·70 |
| **COLOUREDS.—KLEURLINGE.** | | | | |
| Cape—Kaap | 215 | 18·3 | 15 | 1·28 |
| Natal | 4 | 9·8 | 1 | 2·44 |
| Transvaal | 3 | 3·2 | 0 | — |
| Orange Free State—Oranje-Vrystaat | 1 | 6·6 | 0 | — |
| TOTAL—TOTAAL | 223 | 16·9 | 16 | 1·21 |

* Figures for Native deaths relate to the principal urban areas only.
* Syfers betreffende Naturellesterfgevalle het slegs op die vernaamste stedelike gebiede betrekking.

TABLE 22 (*a*).—TYPHUS: MONTHLY INCIDENCE BY PROVINCE, ALL RACES, YEAR ENDED THE 31ST DECEMBER, 1957.

TABEL 22 (*a*).—VLEKTIFUS: MAANDELIKSE VOORKOMSSYFER VOLGENS PROVINSIE, ALLE RASSE, JAAR GEËINDIG 31 DESEMBER, 1957.

| Month. Maand. | Cape Province. Kaapprovinsie. | | Natal. | | Transvaal. | | Orange Free State. Oranje-Vrystaat. | | Union. Unie. | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Cases. Gevalle. | Deaths. Sterf-gevalle. | Cases. Gevalle. | Deaths. Sterf-gevalle. | Cases. Gevalle. | Deaths. Sterf-gevalle. | Cases. Gevalle. | Deaths. Sterf-gevalle. | Cases. Gevalle. | Deaths. Sterf-gevalle. |
| January—Januarie | — | — | — | — | — | — | — | — | — | — |
| February—Februarie | 1 | — | — | — | — | — | — | — | 1 | — |
| March—Maart | — | — | — | — | — | — | — | — | — | — |
| April | — | — | — | — | — | — | — | — | — | — |
| May—Mei | — | — | — | — | — | — | — | — | — | — |
| June—Junie | — | — | — | — | — | — | — | — | — | — |
| July—Julie | 4 | — | — | — | 4 | — | — | — | 8 | — |
| August—Augustus | — | — | 1 | — | 1 | — | — | — | 2 | — |
| September | — | — | — | — | — | — | — | — | — | — |
| October—Oktober | — | — | — | — | — | — | — | — | — | — |
| November | 36 | — | — | — | — | — | — | — | 36 | — |
| December—Desember | 20 | — | — | — | — | — | — | — | 20 | — |
| TOTAL—TOTAAL | 61 | — | 1 | — | 5 | — | — | — | 67 | —* |

* Figures for Native deaths relate to the principal urban areas only.
* Syfers betreffende Naturellesterfgevalle het slegs op die vernaamste stedelike gebiede betrekking.

TABLE 22 (*b*).—TYPHUS: NUMBER OF CASES IN THE UNION, ALL RACES, FROM 1933 TO 1957.

TABEL 22 (*b*).—VLEKTIFUS: GETAL GEVALLE IN DIE UNIE, ALLE RASSE, VAN 1933 TOT 1957.

| Period, year ended 30th June. Tydperk, jaar geëindig 30 Junie. | Cape Province. Kaap-provinsie. | Natal. | Transvaal. | Orange Free State. Oranje-Vrystaat. | Union. Unie. | |
|---|---|---|---|---|---|---|
| | | | | | Cases. Gevalle. | Deaths. Sterfgevalle. |
| 1933 | 1,649 | 208 | 25 | 243 | 2,125 | 302 |
| 1934 | 1,905 | 207 | 208 | 3,636 | 5,956 | 662 |
| 1935 | 2,898 | 224 | 429 | 3,275 | 6,826 | 998 |
| 1936 | 835 | 33 | 457 | 280 | 1,605 | 284 |
| 1937 | 694 | 89 | 46 | 178 | 1,007 | 168 |
| 1938 | 822 | 19 | 53 | 88 | 982 | 168 |
| 1939 | 1,067 | 81 | 93 | 32 | 1,273 | 424 |
| 1940 | 635 | 84 | 60 | 62 | 841 | 146 |
| 1941 | 616 | 9 | 44 | 45 | 714 | 176 |
| 1942 | 1,472 | 38 | 16 | 20 | 1,546 | 359 |
| 1943 | 2,687 | 66 | 145 | 21 | 2,919 | 521 |
| 1944 | 5,247 | 85 | 254 | 37 | 5,623 | 2,600 |
| 1945 | 2,473 | 180 | 190 | 66 | 2,909 | 566 |
| 1946 | 559 | 155 | 78 | 18 | 810 | 40 |
| 1947 | 440 | 164 | 12 | 10 | 626 | 32 |
| 1948 | 682 | 74 | 53 | 13 | 822 | 49 |
| 1949 | 158 | 67 | 26 | 8 | 259 | 15 |
| 1950 | 81 | 22 | 35 | 20 | 158 | 5 |
| 1/7/50–31/12/51 | 138 | 10 | 39 | 9 | 196 | 12 |
| 1/1/52–31/12/52 | 75 | 7 | 13 | 3 | 98 | 8 |
| 1/1/53–31/12/53 | 19 | 11 | 8 | 4 | 42 | 3 |
| 1/1/54–31/12/54 | 48 | 1 | 5 | — | 54 | —* |
| 1/1/55–31/12/55 | — | 7 | 3 | 7 | 17 | —* |
| 1/1/56–31/12/56 | 40 | 6 | — | — | 46 | —* |
| 1/1/57–31/12/57 | 61 | 1 | 5 | — | 67 | —* |

* Figures for Native deaths relate to the principal urban areas only.
* Syfers betreffende Naturellesterfgevalle het slegs op die vernaamste stedelike gebiede betrekking.

TABLE 23 (*a*).—PORTS OF THE UNION: HEALTH MEASURES, YEAR ENDED 31ST DECEMBER, 1957.

TABEL 23 (*a*).—HAWENS VAN DIE UNIE: GESONDHEIDSMAATREËLS, JAAR GEËINDIG 31 DESEMBER 1957.

| Health Measures.—Gesondheidsmaatreëls. | Cape Town. Kaapstad. | Durban. | Port Elizabeth. | East London. Oos-Londen. | Total. Totaal. |
|---|---|---|---|---|---|
| 1. Number of vessels that entered port—Getal vaartuie wat hawe binnegekom het | 2,771 | 3,155 | 1,067 | 866 | 7,859 |
| Pratique granted—Verkeersvergunning verleen:— | | | | | |
| (*a*) by radio—per radio | 1,386 | 1,871 | 99 | 24 | 3,380 |
| (*b*) after boarding and inspection—na bestyging en inspeksie. | 837 | 1,284 | 8 | 56 | 2,185 |
| 2. Number of cases of communicable diseases dealt with—Getal gevalle van oordraagbare siekte waarmee gehandel:— | | | | | |
| (*a*) Number of suspected cases of notifiable diseases—Getal vermoedelike gevalle van aangeebare siektes | 39 | 355 | 1 | — | 395 |
| (*b*) Number of suspected cases of venereal diseases—Getal vermoedelike gevalle van veneriese siekte | 52 | 20 | — | 27 | 99 |
| (*c*) Number of suspected cases of other communicable diseases—Getal vermoedelike gevalle van ander oordraagbare siektes | 412 | 241 | — | 11 | 664 |
| Total of (*a*), (*b*) and (*c*)—Totaal van (*a*), (*b*) en (*c*) | 503 | 616 | 1 | 38 | 1,158 |
| (*d*) Confirmed number of cases of notifiable diseases—Bevestigde getal gevalle van aangeebare siektes | 39 | 20 | 1 | — | 60 |
| (*e*) Confirmed number of cases of venereal diseases—Bevestigde getal gevalle van veneriese siektes | 52 | 241 | 6 | 27 | 326 |
| (*f*) Confirmed number of cases of other communicable diseases—Bevestigde getal gevalle van ander oordraagbare siektes | 412 | 355 | 12 | 11 | 790 |
| Total of (*d*), (*e*) and (*f*)—Totaal van (*d*), (*e*) en (*f*) | 503 | 616 | 19 | 38 | 1,176 |
| Number of ships involved—Getal skepe betrokke | 110 | 152 | 18 | 23 | 303 |
| 3. Special measures taken—Spesiale maatreëls getref:— | | | | | |
| (*a*) Number of persons landed and isolated—Getal persone aan wal gebring en afgesonder | 13 | 55 | 2 | 3 | 73 |
| (*b*) Number of persons isolated on board—Getal persone aan boord afgesonder | 343 | 14 | 12 | 8 | 377 |
| Total of (*a*) and (*b*)—Totaal van (*a*) en (*b*) | 356 | 69 | 14 | 11 | 450 |
| Vessels disinfected—Vaartuie ontsmet | 52 | 45 | — | 4 | 101 |
| Consignments of goods condemned—Besendings goedere afgekeur | 44 | 167 | 69 | — | 280 |
| Consignments of goods disinfected—Besendings goedere ontsmet | 2 | 54 | — | — | 56 |
| Number of vessels deratted—Getal vaartuie ontrot | 30 | 45 | — | — | 75 |
| Number of deratization exemption certificates issued—Getal ontrottingsvrystellingsertifikate uitgereik | 57 | 146 | 4 | 8 | 215 |
| Number of rodents destroyed on vessels—Getal knaagdiere op vaartuie doodgemaak | 41 | 384 | — | 63 | 488 |
| Number of rodents destroyed in dock area—Getal knaagdiere in hawegebied doodgemaak | 2,277 | 2,769 | 580 | 1,396 | 7,022 |
| Number of inoculations or vaccinations performed by the Port Health Officer in respect of—Getal inspuitings of inentings deur die Hawegesondheidsbeampte gedoen ten opsigte van:— | | | | | |
| Yellow fever—Geelkoors | 1,551 | 6,357 | 1,477 | — | 9,385 |
| Smallpox—Pokkies | 532 | 1,136 | 1,023 | — | 2,691 |
| Typhoid-Paratyphoid—Tifoïde-Paratifoïde | 174 | 88 | 25 | — | 287 |
| Typhoid-Paratyphoid-Cholera—Tifoïde-Paratifoïde-Cholera | 18 | 1,201 | 110 | — | 1,329 |
| Typhus—Vlektifus | 38 | 7 | — | — | 45 |
| Cholera | 390 | 2,146 | 12 | 33 | 2,581 |
| TOTAL—TOTAAL | 2,703 | 10,935 | 2.647 | 33 | 16,318 |

TABLE 23 (*b*).—MONTHLY TOTALS OF AIRCRAFT ARRIVING FROM OUTSIDE THE UNION AT THE SANITARY AIRPORTS OF THE UNION, YEAR ENDED 31ST DECEMBER, 1957.

TABEL 23 (*b*).—MAANDELIKSE TOTALE VAN VLIEGTUIE WAT VAN BUITE DIE UNIE BY DIE KWARANTYNLUGHAWENS VAN DIE UNIE AANGEKOM HET, JAAR GEËINDIG 31 DESEMBER 1957.

| Month. Maand. | Jan Smuts Airport. Jan Smuts-lughawe. |
|---|---|
| January—Januarie | 206 |
| February—Februarie | 180 |
| March—Maart | 208 |
| April | 216 |
| May—Mei | 216 |
| June—Junie | 202 |
| July—Julie | 221 |
| August—Augustus | 208 |
| September | 203 |
| October—Oktober | 204 |
| November | 205 |
| December—Desember | 208 |
| TOTAL FOR YEAR.—TOTAAL VIR JAAR | 2,477 |

TABLE 23 (*c*).—ANNUAL TOTALS OF AIRCRAFT ARRIVING FROM OUTSIDE THE UNION AT DURBAN AIRPORTS DURING THE YEARS 1953 TO 1957.

TABEL 23 (*c*).—JAARLIKSE TOTALE VAN VLIEGTUIE WAT VAN BUITE DIE UNIE BY DURBANSE LUGHAWENS AANGEKOM HET GEDURENDE DIE JARE 1953 TOT 1957.

| Year.—Jaar. | Total. Totaal. |
|---|---|
| 1953 | 205 |
| 1954 | 312 |
| 1955 | 378 |
| 1956 | 327 |
| 1957 | 361 |

TABLE 24 (*a*).—DISTRICT NURSING SERVICES: NUMBER OF NURSES, MIDWIVES AND NON-WHITE NURSING ASSISTANTS AS AT THE 31ST DECEMBER, 1957, IN RESPECT OF WHOM SUBSIDIES OR PART-REFUND OF SALARIES ARE PAID, COMPARED WITH THE TOTALS AS AT THE 31ST DECEMBER, 1935.

TABEL 24 (*a*).—DISTRIKSVERPLEEGDIENSTE: GETAL VERPLEEGSTERS, VROEDVROUE EN NIE-BLANKE VERPLEEGASSISTENTE OP 31 DESEMBER 1957, TEN OPSIGTE VAN WIE SUBSIDIES OF GEDEELTELIKE TERUGBETALING VAN SALARISSE BETAAL IS, VERGELYK MET DIE TOTALE SOOS OP 31 DESEMBER 1935.

| Race. Ras. | Part-refunds to Local Authorities and Charitable Organisations under Section 14 (*a*). Gedeeltelike terugbetalings aan Plaaslike Besture en Liefdadigheidsorganisasies kragtens artikel 14 (*a*). | | | | | |
|---|---|---|---|---|---|---|
| | 1935. | 1953. | 1954. | 1955. | 1956. | 1957. |
| Whites—Blankes | 23 | 180 | 155 | 201 | 192 | 178 |
| Natives—Naturelle | 2 | 314 | 258 | 385 | 413 | 443 |
| Coloureds—Kleurlinge | — | 88 | 61 | 90 | 98 | 103 |
| ALL RACES—ALLE RASSE | 25 | 582 | 474 | 676 | 703 | 724 |

| Race. Ras. | Subsidies to Private Nurses and Midwives under Section 14 (*c*) [prior to 1953, Section 14 (*b*)]. Subsidies aan Private Verpleegsters en Vroedvroue kragtens artikel 14 (*c*) [voor 1953, artikel 14 (*b*)]. | | | | | |
|---|---|---|---|---|---|---|
| | 1935. | 1953. | 1954. | 1955. | 1956. | 1957. |
| Whites—Blankes | 7 | 3 | 2 | 11 | 5 | 5 |
| Natives—Naturelle | — | — | — | — | — | — |
| Coloureds—Kleurlinge | 1 | — | — | — | — | — |
| ALL RACES—ALLE RASSE | 8 | 3 | 2 | 11 | 5 | 5 |

| Race. Ras. | Part-refunds to Charitable Organisations, Bodies Controlling Mission Hospitals and Statutory Native Bodies in Native Areas under Section 15 (*a*). Gedeeltelike terugbetalings aan Liefdadigheidsorganisasies, Beheerliggame van Sendinghospitale, en Wetlike Naturelleliggame in Naturellegebiede, kragtens artikel 15 (*a*). | | | | | |
|---|---|---|---|---|---|---|
| | 1935. | 1953. | 1954. | 1955. | 1956. | 1957. |
| Whites—Blankes | — | 12 | 16 | 7 | 9 | 3 |
| Natives—Naturelle | 11 | 204 | 196 | 236 | 253 | 238 |
| Coloureds—Kleurlinge | — | 3 | 3 | 7 | — | 2 |
| ALL RACES—ALLE RASSE | 11 | 219 | 215 | 250 | 262 | 243 |

| Race. Ras. | Subsidies to Private Nurses and Midwives in Native Areas under Section 15 (*c*) [prior to 1953, Section 15 (*b*)]. Subsidies aan Private Verpleegsters en Vroedvroue in Naturellegebiede kragtens artikel 15 (*c*) [voor 1953, artikel 15 (*b*)]. | | | | | |
|---|---|---|---|---|---|---|
| | 1935. | 1953. | 1954. | 1955. | 1956. | 1957. |
| Whites—Blankes | — | — | — | — | — | — |
| Natives—Naturelle | 3 | 12 | 14 | 12 | 11 | 7 |
| Coloureds—Kleurlinge | — | — | — | — | — | — |
| ALL RACES—ALLE RASSE | 3 | 12 | 14 | 12 | 11 | 7 |

TABLE 24 (*b*).—NURSING HOMES REGISTERED WITH THE DEPARTMENT, BED ACCOMMODATION AVAILABLE AND PERSONNEL OF NURSING HOMES AS AT THE 31ST DECEMBER, 1957.

TABEL 24 (*b*).—VERPLEEGINRIGTINGS BY DIE DEPARTEMENT GEREGISTREER, GETAL BEDDENS BESKIKBAAR EN PERSONEEL VAN VERPLEEGINRIGTINGS OP 31 DESEMBER 1957.

| Particulars.—Besonderhede. | Transvaal. | | Orange Free State. Oranje-Vrystaat. | |
|---|---|---|---|---|
| | White. Blank. | Non-White. Nie-blank. | White. Blank. | Non-White. Nie-blank. |
| Nursing Homes Registered with the Department—Verpleeginrigtings by die Departement geregistreer | 105 | 9 | 18 | — |
| Bed accommodation available:—Getal beddens beskikbaar:— | | | | |
| Beds—Beddens | 2,282 | 331 | 90 | — |
| * Cots—Wiegies | 484 | 43 | 48 | — |

* For new-born babies.
Vir pasgebore babas.

TABLE 25 (*a*).—PATHOLOGICAL LABORATORIES: ANALYSES AND EXAMINATIONS, YEAR ENDED 31ST DECEMBER, 1957.

TABEL 25 (*a*).—LABORATORIUMS VIR PATOLOGIE: ONTLEDINGS EN ONDERSOEKE, JAAR GEËINDIG 31 DESEMBER 1957.

| Particulars.—Besonderhede. | Government Laboratories. Staatslaboratoriums. | | South African Institute for Medical Research. Suid-Afrikaanse Instituut vir Mediese Navorsing. | | | |
|---|---|---|---|---|---|---|
| | Cape Town. Kaapstad. | Durban. | Johannesburg. | Port Elizabeth. | Bloemfontein. | Kroonstad. |
| Specimens examined for—Monsters ondersoek vir:— | | | | | | |
| (*a*) Government Departments—Staatsdepartemente:— | | | | | | |
| Agriculture—Landbou | — | — | — | — | — | — |
| Customs and Excise—Doeane en Aksyns | — | — | — | — | — | — |
| Defence (and Navy)—Verdediging (en Vloot) | 1,230 | 1,054 | 9,563 | 276 | 369 | 3 |
| Education—Onderwys | — | 531 | — | — | — | — |
| Finance—Finansies | — | — | — | — | — | — |
| Health (including Leper Institutions and Mental Hospitals)—Gesondheid (met inbegrip van Leprose-inrigtings en Sielsiekehospitale) | 8,516 | 60,752 | 192,102 | 20,351 | 12,094 | 1,620 |
| Interior—Binnelandse Sake | — | — | — | — | — | — |
| Justice (including Prisons)—Justisie (met inbegrip van Gevangenisse) | 947 | 1,265 | 7,940 | 774 | 359 | 60 |
| Mines (including Miners' Phthisis)—Mynwese (met inbegrip van Myntering) | — | — | 72,322 | — | 159 | 4 |
| Native Affairs—Naturellesake | — | — | — | — | — | — |
| Public Works—Publieke Werke | — | — | — | — | — | — |
| South African Railways and Harbours—Suid-Afrikaanse Spoorweë en Hawens | — | 912 | — | — | — | — |
| Other—Ander | — | — | 7,506 | 298 | 347 | 59 |
| TOTALS—TOTALE | 10,693 | 64,514 | 289,433 | 21,699 | 13,328 | 1,746 |
| (*b*) General Hospitals (Provincial)—Algemene Hospitale (Provinsiaal) | 12,167 | 1,782 | 638,558 | 90,954 | 17,747 | 7,119 |
| (*c*) Local Authorities—Plaaslike Besture | 87,678 | 18,772 | 224,873 | 51,792 | 6,606 | 6,916 |
| (*d*) Medical Practitioners and Members of the Public—Geneeshere en lede van die publiek | 9,465 | 52,522 | 108,813 | 56,194 | 17,962 | 2,728 |
| (*e*) Other Governments and other Administrations—Ander Regerings en ander Administrasies | — | — | 15,253 | — | 2,038 | — |
| (*f*) Others—Ander | 961 | — | 81,411 | — | 14,000 | 745 |
| TOTALS—TOTALE | 110,271 | 73,076 | 1,068,908 | 198,940 | 58,353 | 17,508 |
| Manufactures and Issues—Fabrikate en uitreikings:— | | | | | | |
| Autogenous Vaccines—Outogene Entstowwe ... c.c. | — | — | 429 | 74 | 56 | 6 |
| Bacterial Vaccines—Bakteriese Entstowwe ... c.c. | — | — | — | — | — | — |
| Anti-Rabic Vaccine—Entstof teen Hondsdolheid ... c.c. | 64,740 | — | — | — | — | — |
| Tuberculin Dilutions—Tuberkulienverdunnings | — | — | 22,888 | 2,748 | — | — |
| Sera (Various) Bacterial Filtrates—Serums (verskillende) Bakteriese Filtrate ... c.c. | — | — | 31,257 | — | — | — |
| Sera (ampules)—Serums (ampulle) | — | — | 318,479 | — | — | — |
| Chaulmoogra Oil Preparations—Chaulmoograoliepreparate ... Litres/Liters | — | — | — | — | — | — |
| Lymph (issued)—Limf (uitgereik) ... Doses/Dosisse | 6,714,216 | — | — | — | — | — |
| Chick Membrane Lymph (on hand)—Kuikenvlieslimf (voorhande) | — | — | 791,500 | — | 4,800 | — |
| Other (oral) doses—Ander dosisse (mond) | — | — | — | — | — | — |
| Milk Cultures—Melkkulture ... bottles/bottels | — | — | — | — | — | — |
| Human blood processed—Menslike bloed verwerk ... c.c. | — | — | — | — | — | — |
| Wet bottles prepared for whole blood—Nat bottels vir volbloed voorberei ... bottles/bottels | — | — | — | — | — | — |
| Serum separated from blood—Serum geskei van bloed ... Litres/Liters | — | — | — | — | — | — |
| Other Vaccines—Ander Entstowwe ... c.c. | — | — | 2,009,157 | 4,800 | — | — |
| Influenza Vaccine—Griep-entstof ... c.c. | 440 | — | — | — | — | — |

TABLE 25 (*b*).—PATHOLOGICAL LABORATORIES: NUMBER OF EXAMINATIONS CARRIED OUT DURING THE YEAR ENDED THE 31ST DECEMBER, 1957.

TABEL 25 (*b*).—LABORATORIUMS VIR PATOLOGIE: GETAL ONDERSOEKE UITGEVOER GEDURENDE DIE JAAR GEËINDIG 31 DESEMBER 1957.

| Laboratory. Laboratorium. | Work done on behalf of Government Departments. Werk vir Staatsdepartemente gedoen. | Work done on behalf of others. Werk vir ander gedoen. | Total Specimens. Totale getal monsters. |
|---|---|---|---|
| Johannesburg | 289,433 | 1,068,908 | 1,358,341 |
| Cape Town—Kaapstad | 10,693 | 120,271 | 130,964 |
| Durban | 64,514 | 73,076 | 137,590 |
| Port Elizabeth | 21,699 | 198,940 | 220,639 |
| Bloemfontein | 13,328 | 58,353 | 71,681 |
| Kroonstad | 1,746 | 17,508 | 19,254 |
| TOTAL—TOTAAL | 401,413 | 1,537,056 | 1,938,469 |

TABLE 25 (*c*).—PATHOLOGICAL LABORATORIES: NATURE OF EXAMINATIONS CARRIED OUT DURING THE YEAR ENDED THE 31ST DECEMBER, 1957.

TABEL 25 (*c*).—LABORATORIUMS VIR PATOLOGIE: AARD VAN ONDERSOEKE UITGEVOER GEDURENDE DIE JAAR GEËINDIG 31 DESEMBER 1957.

| Nature of Examinations. Aard van Ondersoeke. | Johannesburg. | Cape Town. Kaapstad. | Durban. | Port Elizabeth. | Kroonstad. | Bloemfontein. |
|---|---|---|---|---|---|---|
| Particular disease—Bepaalde siekte | 251,147 | 40,529 | 49,288 | 2,319 | 5,345 | 14,889 |
| General bacteriological—Algemene bakteriologies | 84,931 | 5,641 | 14,867 | 1,034 | 905 | 4,323 |
| Serological—Serologies | 251,643 | 74,170 | 51,870 | 4,061 | 3,826 | 18,580 |
| Parasitological—Parasitologies | 18,000 | 645 | 609 | 172 | 139 | 1,179 |
| Pathological—Patologies | 37,671 | 6,024 | 6,913 | 218 | 808 | 1,771 |
| Haematological—Hematologies | 393,881 | 1,044 | 76,293 | 6,325 | 5,810 | 19,922 |
| Chemical—Skeikundig | 194,400 | 16,159 | 18,646 | 1,575 | 2,264 | 10,288 |
| Miscellaneous—Diverse | 126,668 | 588 | 2,153 | 901 | 151 | 673 |
| TOTAL—TOTAAL | 1,358,341 | 144,800 | 220,639 | 16,605 | 19,248 | 71,625 |

TABLE 25 (*d*).—GOVERNMENT VACCINE INSTITUTE, ROSEBANK, CAPE PROVINCE: REPORT ON WORK CARRIED OUT DURING THE YEAR ENDED THE 31ST DECEMBER 1957.

TABEL 25 (*d*).—STAATSENTSTOFINSTITUUT, ROSEBANK, KAAPPROVINSIE: WERK UITGEVOER GEDURENDE DIE JAAR GEËINDIG 31 DESEMBER 1957.

| | |
|---|---|
| Number of calves vaccinated—Getal kalwers ingeënt | 160. |
| Number of calves successful—Getal kalwers geslaag | 158. |
| Number of calves' lymph rejected—Getal kalwers se limf afgekeur | 2. |
| Amount of lymph obtained from 158 calves—Hoeveelheid limf verkry van 158 kalwers | 187,500 c.c. |
| Average quantity per successful calf—Gemiddelde hoeveelheid per geslaagde kalf | 1,187. |
| Average number of tubes per successful calf—Gemiddelde getal buisies per geslaagde kalf | 47,468. |
| Average value per successful calf at 2d. per tube—Gemiddelde waarde per geslaagde kalf teen 2d. per buisie | £395. 11s. 4d. |
| Total number of tubes manufactured during the year—Totale getal buisies gedurende jaar vervaardig | 7,500,000. |
| Number of tubes issued during the year—Getal buisies gedurende die jaar uitgereik | 6,792,511. |
| Value of all lymph manufactured at 2d. per tube—Waarde van alle limf vervaardig teen 2d. per buisie | £62,500. |
| Value of lymph issued free at 2d. per tube—Waarde van limf gratis uitgereik, bereken teen 2d. per buisie | £24,181. 11s. 2d. |
| Number of tubes (approximate) on hand at end of December, 1955—Getal buisies (ongeveer) voorhande einde Desember 1955 | 18,712,800. |
| Revenue received by sales outside the Union—Inkomste verkry uit verkope buite die Unie | £32,695. 3s. 2d. |

TABLE 25 (*e*).—GOVERNMENT VACCINE INSTITUTE, ROSEBANK, CAPE PROVINCE: LYMPH ISSUED FREE IN THE UNION, DURING THE YEAR ENDED THE 31ST DECEMBER, 1957.

TABEL 25 (*e*).—STAATSENTSTOFINSTITUUT, ROSEBANK, KAAPPROVINSIE: LIMF IN DIE UNIE GRATIS UITGEREIK GEDURENDE DIE JAAR GEËINDIG 31 DESEMBER 1957.

| Month. Maand. | Cape Province. Kaapprovinsie. | Transvaal. | Natal. | Orange Free State. Oranje-Vrystaat. | Monthly Total. Maandelikse totaal. |
|---|---|---|---|---|---|
| January—Januarie | 9,857 | 137,235 | 17,000 | 7,375 | 171,467 |
| February—Februarie | 14,873 | 100,536 | 17,000 | 6,400 | 138,809 |
| March—Maart | 39,876 | 101,100 | 17,000 | 4,500 | 162,476 |
| April | 33,194 | 113,045 | 31,500 | 15,500 | 193,239 |
| May—Mei | 64,442 | 245,700 | 42,000 | 48,400 | 400,542 |
| June—Junie | 48,299 | 100,250 | 45,000 | 31,900 | 235,449 |
| July—Julie | 51,320 | 163,250 | 44,000 | 23,650 | 282,220 |
| August—Augustus | 50,871 | 139,000 | 50,000 | 43,150 | 283,021 |
| September | 141,816 | 117,750 | 33,500 | 7,000 | 300,066 |
| October—Oktober | 63,825 | 97,500 | 35,000 | 4,700 | 201,025 |
| November | 41,137 | 99,000 | 25,300 | 4,400 | 169,837 |
| December—Desember | 14,781 | 93,350 | 17,000 | 3,850 | 128,981 |
| TOTAL—TOTAAL | 574,291 | 1,517,716 | 374,300 | 200,825 | 2,667,132 |

TABLE 25 (*f*).—GOVERNMENT VACCINE INSTITUTE, ROSEBANK, CAPE PROVINCE: LYMPH SOLD OUTSIDE THE UNION DURING THE YEAR ENDED THE 31ST DECEMBER, 1957.

TABEL 25 (*f*).—STAATSENTSTOFINSTITUUT, ROSEBANK, KAAPPROVINSIE: VERKOPE VAN LIMF BUITE DIE UNIE GEDURENDE DIE JAAR GEËINDIG 31 DESEMBER 1957.

| Month. Maand. | Single Dose Tubes at 2d. per tube. Enkeldosisbuisies teen 2d. elk. | Ampules of 50 doses each at 7s. 6d. per ampule. Ampule van 50 dosisse teen 7s. 6d. per ampul. | Ampules of 100 doses each at 14s. per ampule. Ampule van 100 dosisse teen 14s. per ampul. | Ampules of 250 doses each at 32s. per ampule. Ampule van 250 dosisse teen 32s. per ampul. | Ampules of 500 doses each at 63s. per ampule. Ampule van 500 dosisse teen 63s. per ampul. |
|---|---|---|---|---|---|
| January—Januarie | 146,486 | 4,388 | — | — | — |
| February—Februarie | 213,588 | 3,190 | — | — | — |
| March—Maart | 137,958 | 2,870 | — | — | — |
| April | 138,498 | 2,720 | 270 | — | — |
| May—Mei | 274,440 | 3,180 | 440 | — | — |
| June—Junie | 164,900 | 2,680 | 180 | — | — |
| July—Julie | 199,712 | 3,540 | 200 | — | — |
| August—Augustus | 244,318 | 3,226 | — | — | — |
| September | 193,478 | 2,878 | — | — | — |
| October—Oktober | 149,468 | 3,392 | — | — | — |
| November | 183,133 | 3,040 | — | — | — |
| December–Desember | 125,200 | 1,800 | — | — | — |
| TOTAL—TOTAAL | 2,171,179 | 36,904 | 1,090 | — | — |

TABLE 25 (*g*).—GOVERNMENT VACCINE INSTITUTE, ROSEBANK, CAPE PROVINCE: TOTAL ISSUES OF LYMPH DURING THE YEAR ENDED THE 31ST DECEMBER, 1957.

TABEL 25 (*g*).—STAATSENTSTOFINSTITUUT, ROSEBANK, KAAPPROVINSIE: TOTALE UITREIKINGS VAN LIMF GEDURENDE DIE JAAR GEËINDIG 31 DESEMBER 1957.

| Area. Gebied. | Single Dose Tubes. Enkeldosis-buisies. | Ampules of 2 doses each. Ampulle van 2 dosisse elk. | Ampules of 50 doses each. Ampulle van 50 dosisse elk. | Ampules of 100 doses each. Ampulle van 100 dosisse elk. | Ampules of 250 doses each. Ampulle van 250 dosisse elk. |
|---|---|---|---|---|---|
| Cape Province—Kaapprovinsie | 153,677 | 24,407 | 1,656 | 2,880 | 4 |
| Transvaal | 28,716 | 284,400 | 13,184 | 2,610 | — |
| Natal | 68,000 | 33,250 | 2,040 | 828 | 220 |
| Orange Free State—Oranje-Vrystaat | 32,175 | — | 3,373 | — | — |
| Outside the Union—Buite die Unie | 2,171,179 | — | 36,904 | 1,090 | — |
| TOTALS—TOTALE | 2,453,747 | 342,057 | 57,157 | 7,408 | 224 |

TABLE 26.—FOOD, DRUGS AND DISINFECTANTS ACT (ACT No. 13 OF 1929): SAMPLES TAKEN FOR EXAMINATION OF ANALYSIS AND THE RESULTS, YEAR ENDED 31ST DECEMBER, 1957.

TABEL 26.—WET OP VOEDINGSMIDDELS, MEDISYNE EN ONTSMETTINGSMIDDELS (WET No. 13 VAN 1929): MONSTERS VIR ONDERSOEK OF ONTLEDING GENEEM EN DIE RESULTATE, JAAR GEËINDIG 31 DESEMBER 1957.

| Plek. Place. | Total taken. Totaal geneem. | Number Analysed or Examined. Getal ontleed of ondersoek. | Number found Adulterated or Incorrectly or Falsely Described. Getal wat vervals, of verkeerd of vals omskryf, bevind is. | Prosecutions. Vervolgings. | Convictions. Veroordelings. |
|---|---|---|---|---|---|
| Ports of the Union—Hawens van die Unie. | 87 | 87 | 3 | — | — |
| Cape Region—Kaapland-streek | 1,031 | 1,028 | 58 | 30 | 30 |
| Cape Eastern Region—Oos-Kaapland-streek | — | — | — | — | — |
| Southern Transvaal Region—Suid-Transvaal vaal-streek | 4,155 | 4,155 | 599 | 187 | 163 |
| Northern Transvaal Region—Noord-Transvaal-streek | 28 | 28 | 2 | 1 | 1 |
| Natal Region—Natal-streek | 610 | 610 | 23 | 23 | 20 |
| Orange Free State and North West Cape Region—Oranje-Vrystaat en Noordwestelike Kaap-streek | 284 | 284 | 11 | — | — |
| TOTAL—TOTAAL | 6,195 | 6,192 | 696 | 241 | 214 |

TABLE 27 (*a*).—MEDICAL, DENTAL AND PHARMACY ACT (ACT No. 13 of 1928): PROSECUTIONS AND CONVICTIONS UNDER LAWS RELATING TO HABIT-FORMING DRUGS DURING THE YEAR ENDED THE 31ST DECEMBER, 1957.

TABEL 27 (*a*).—WET OP GENEESHERE, TANDARTSE EN APTEKERS (WET No. 13 VAN 1928): VERVOLGINGS EN VEROORDELINGS KRAGTENS WETTE BETREFFENDE GEWOONTEVORMENDE MEDISYNE GEDURENDE DIE JAAR GEËINDIG 31 DESEMBER 1957.

| Province and Particulars. Provinsie en Besonderhede. | Whites. Blankes. | | Natives. Naturelle. | | Asiatics. Asiate. | | Coloureds. Kleurlinge. | | Total. Totaal. | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Prosecutions. Vervolgings. | Convictions. Veroordelings. | Prosecutions. Vervolgings. | Convictions. Veroordelings. | Prosecutions. Vervolgings. | Convictions. Veroordelings. | Prosecutions. Vervolgings. | Convictions. Veroordelings. | Prosecutions. Vervolgings. | Convictions. Veroordelings. |
| Cape—Kaap— | | | | | | | | | | |
| Dagga | 150 | 143 | 2,106 | 1,906 | 8 | — | 2,982 | 2,878 | 5,246 | 4,935 |
| Other habit-forming drugs—Ander gewoontevormende medisyne | 1 | 1 | — | — | — | — | 2 | 2 | 3 | 1 |
| Natal— | | | | | | | | | | |
| Dagga | 86 | 75 | 3,861 | 3,589 | 488 | 456 | 211 | 205 | 4,646 | 4,325 |
| Other habit-forming drugs—Ander gewoontevormende medisyne | — | — | — | — | — | — | — | — | — | — |
| Transvaal— | | | | | | | | | | |
| Dagga | 326 | 257 | 8,431 | 7,859 | 43 | 37 | 418 | 386 | 9,218 | 8,539 |
| Other habit-forming drugs—Ander gewoontevormende medisyne | 1 | 1 | — | — | 2 | — | — | — | 3 | 1 |
| Orange Free State—Oranje-Vrystaat— | | | | | | | | | | |
| Dagga | 12 | 12 | 1,072 | 1,015 | 5 | 5 | 42 | 35 | 1,131 | 1,067 |
| Other habit-forming drugs—Ander gewoontevormende medisyne | — | — | — | — | — | — | — | — | — | — |
| Union—Unie— | | | | | | | | | | |
| Dagga | 574 | 487 | 15,470 | 14,369 | 544 | 498 | 3,653 | 3,504 | 20,241 | 18,866 |
| Other habit-forming drugs—Ander gewoontevormende medisyne | 2 | 2 | — | — | 2 | — | 2 | 2 | 6 | 2 |

TABLE 27 (*b*).—THERAPEUTIC SUBSTANCES REGULATIONS: LICENCES ISSUED UNDER THE THERAPEUTIC SUBSTANCES REGULATIONS DURING THE YEAR ENDED THE 31ST DECEMBER, 1957.

TABEL 27 (*b*).—REGULASIES OP TERAPEUTIESE STOWWE: LISENSIES UITGEREIK KRAGTENS DIE REGULASIES OP TERAPEUTIESE STOWWE GEDURENDE DIE JAAR GEËINDIG 31 DESEMBER 1957.

| Particulars. Besonderhede. | Import Licences. Invoer-lisensies. | Manufacturing Licences. Vervaardigings-lisensies. | Vitamin Permits. Vitamien-permitte. | Research Licences. Navorsings-lisensies. | Blood Processing Licences. Bloedver-werkingslisensies. |
|---|---|---|---|---|---|
| Number of Licences—Getal lisensies— | | | | | |
| In force—Van krag, 1/1/55 | 85 | 142 | 55 | 13 | 8 |
| Issued—Uitgereik | 11 | 9 | 8 | — | 1 |
| Cancelled—Ingetrek | 2 | 2 | 10 | — | — |
| In force—Van krag, 31/12/55 | 94 | 149 | 53 | 13 | 9 |

TABLE 27 (*b*) (*continued*).—DETAILS OF MANUFACTURING LICENCES IN FORCE ON THE 31ST DECEMBER, 1957.

TABEL 27 (*b*) (*vervolg*).—BESONDERHEDE VAN VERVAARDIGINGSLISENSIES VAN KRAG OP 31 DESEMBER 1957.

| | |
|---|---|
| Antitoxins and sera—Antitoksiene en serums; Toxins, antigens and vaccines—Toksiene, antigene en entstowwe | 83 |
| Vitamins—Vitamiene | 27 |
| Antibiotics—Antibiotiese middels | 16 |
| Androgens and oestrogens—Androgene en estrogene | 19 |
| Pituitary extracts—Harsingslymklierekstrak | 1 |
| Surgical catgut—Chirurgiese dermsnaar | 1 |
| Insulin—Insulien | 2 |
| TOTAL—TOTAAL | 149 |

TABLE 27 (*c*).—EXAMINATIONS CARRIED OUT UNDER THE THERAPEUTIC SUBSTANCES REGULATIONS DURING THE YEAR ENDED THE 31ST DECEMBER, 1957.

TABEL 27 (*c*).—ONDERSOEKE UITGEVOER KRAGTENS DIE REGULASIES OP TERAPEUTIESE STOWWE GEDURENDE DIE JAAR GEËINDIG 31 DESEMBER 1957.

| Product. Produk. | Manufactured in the Union. In die Unie vervaardig. | Imported. Ingevoer. | Number Unsatisfactory. Getal. onbevredigend. |
|---|---|---|---|
| Bacterial vaccines—Bakteriese entstowwe | — | — | — |
| Schick test toxin—Schicktoetstoksien | — | — | — |
| Diphtheria prophylactic—Witseerkeelvoorbehoedmiddel | — | 1 | — |
| Diphtheria antitoxin—Witseerkeelantitoksien | — | — | — |
| Tetanus antitoxin—Tetanusantitoksien | — | — | — |
| Tuberculin—Tuberkulien | — | — | — |
| Arsphenamine and derivatives—Arsfenamine en derivate | — | — | — |
| Insulin—Insulien | — | 1 | — |
| Pituitary extracts—Harsingslymklierekstrak | — | — | — |
| Sterilised ligatures and sutures—Gesteriliseerde bande en hegmateriaal | — | 2 | — |
| Sex hormones—Geslagshormone | — | 4 | 3 |
| Vitamins and preparations—Vitamiene en preparate | 25 | — | 4 |
| Antibiotics—Antibiotiese middels | 10 | 61 | 7 |
| Disinfectants—Ontsmettingsmiddels | — | — | — |
| Others—Ander | — | — | — |
| TOTALS—TOTALE | 35 | 69 | 14 |

TABLE 27 (*d*).—NARCOTIC DRUGS IMPORTED INTO THE UNION OF SOUTH AFRICA, 1953 TO 1957 (IN KILOGRAMS).

TABEL 27 (*d*).—NARKOSEMIDDELS WAT IN DIE UNIE VAN SUID-AFRIKA INGEVOER IS (IN KILOGRAM), 1953–1957.

| Drug.—Middel. | 1953. | 1954. | 1955. | 1956. | 1957. |
|---|---|---|---|---|---|
| Raw Opium—Ru-opium | 323·331 | 466·741 | 448·112 | 416·061 | 662·443 |
| Medical Opium—Medisinale opium | 123·377 | 94·347 | 63·029 | 135·845 | 143·997 |
| Opium tincture and Extracts—Opiumtinktuur en ekstrakte | 98·667 | 93·807 | 242·404 | 73·880 | 220·345 |
| Coca Leaves—Kokablare | — | — | — | — | — |
| Indian Hemp—Indiese Hennep | — | — | — | — | — |
| Indian Hemp, Galenicals—Indiese Hennep, Galeniese Middels | 1·587 | 3·175 | 7·937 | 8·262 | 7·938 |
| Indian Hemp Resin—Indiese Hennephars | — | — | — | — | — |
| Morphine—Morfien | 28·705 | 38·585 | 42·284 | 29·323 | 39·752 |
| Heroin—Heroien | — | — | — | — | — |
| Crude Cocaine—Ru-kokaïen | — | — | — | — | — |
| Cocaine—Kokaïen | 22·080 | 17·322 | 15·614 | 12·335 | 10·210 |
| Eucodal—Eukodal | — | — | — | — | — |
| Dicodide—Disodied | — | 0·110 | 0·015 | — | 0·018 |
| Dilaudide—Dilaudied | — | 0·004 | — | — | 0·015 |
| Acedicone—Asedikoon | — | — | — | — | — |
| Codeine—Kodeïen | 253·660 | 409·009 | 603·203 | 409·929 | 641·116 |
| Dionine—Dionïen | 9·646 | 13·746 | 21·657 | 13·687 | 19·019 |
| Pethidine—Petidien | 89·035 | 134·395 | 396·392 | 186·553 | 100·762 |
| Phenadoxone—Fenadoksoon | 0·033 | — | 0·450 | 3·201 | — |
| Methadone—Metadoon | 1·245 | 3·118 | 3·333 | 0·512 | 2·819 |
| Levorphanol—Leverfanol | 0·171 | 0·199 | 0·205 | 0·078 | 0·075 |
| Pholcodine—Folkodien | — | 8·165 | 13·720 | 10·309 | 15·602 |
| Diethylthianbutene—Dietieltiambuteen | — | — | — | 0·256 | 0·244 |
| Dipipanone | — | — | — | — | 0·041 |