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### **Contributors**

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UNIE VAN SUID-AFRIKA  
UNION OF SOUTH AFRICA

# Jaarverslag van die Departement van Gesondheid

Jaar geëindig 31 Desember 1956

Uitgegee op Gesag

Prys 7s. 6d.



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# Annual Report of the Department of Health

Year ended 31st December, 1956

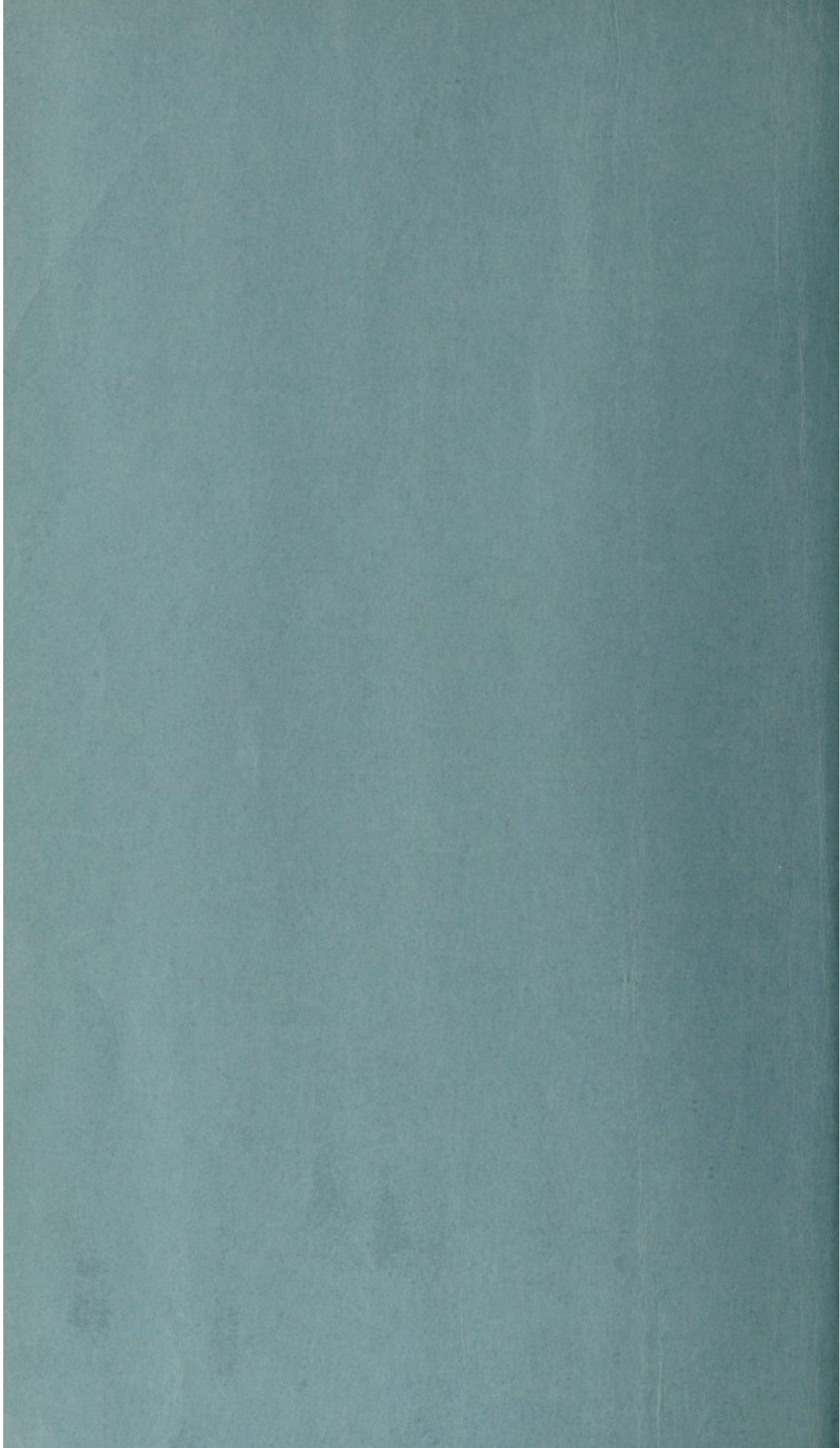
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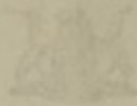
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REPUBLIC OF SOUTH AFRICA

Jaarverslag

van die

Departement van Gesondheid

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Annual Report

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Year ended 31st December, 1956

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THE GOVERNMENT OF THE REPUBLIC OF SOUTH AFRICA

PRINTED IN CAPE TOWN

# JAARVERSLAG VAN DIE DEPARTEMENT VAN GESONDHEID.

JAAR GEËINDIG 31 DESEMBER 1956.

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 1956 in te dien.

DIE DEPARTEMENT VAN GESONDHEID SOOS  
OP 31 DESEMBER 1956.

Minister van Gesondheid: Sy Edele mnr. J. H. Viljoen.

Sekretaris en Hoofgesondheidsbeampte: Dr. J. J. du Pré le Roux.

Kommissaris van Geesteshigiëne: Dr. I. R. Vermooten.

Ondersekretaris: Mnr. N. A. G. Reeler.

Goedgekeurde diensstaat:—

<i>Afdeling.</i>	<i>Getal Poste.</i>
Vakkundig Hoër:	
Mediese Beamptes.....	288
Ander.....	7
	295
Administratief.....	69
Vakkundig Laer en Tegnies.....	162
Klerklik.....	359
Algemeen:	
Verpleging.....	2,181
Ander.....	1,048
Nie-blankes.....	4,235
	7,464
	<u>8,349</u>

Benewens bogenoemde is daar 385 deelydse mediese beamptes.

## TUBERKULOSE.

Gedurende die jaar het die Provinsiale Owerhede van Transvaal, Natal en die Oranje-Vrystaat ooreengekom dat X-straalondersoeke teen 10s. 6d. per film by alle provinsiale hospitale in hierdie provinsies ten opsigte van pasiënte wat deur plaaslike besture daarheen verwys word, onderneem sal word. Dit het 'n soortgelyke ooreenkoms wat die vorige jaar met die Kaapprovinsie aangegaan is, gevolg.

Die Departement het 19 addisionele mobiele X-straal-eenhede van 70 mm. aangekoop wat gebaseer is op, en die klein plaaslike owerhede en die plattelandse gebiede bedien vanuit, die Departement se Streekhospitale vir Tuberkulose.

Daar is ook besluit dat plaaslike besture met 'n bevolking van 20,000 of meer aangemoedig behoort te word om hulle eie X-straal-eenhede aan te skaf—hierdie eenhede sal vir sewe-agstes subsidie van hierdie Departement in aanmerking kom.

# ANNUAL REPORT OF THE DEPARTMENT OF HEALTH

YEAR ENDED 31st DECEMBER, 1956.

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, 1956.

THE DEPARTMENT OF HEALTH AS AT  
31st DECEMBER, 1956.

Minister of Health: The Hon. Mr. J. H. Viljoen.

Secretary and Chief Health Officer: Dr. J. J. du Pré le Roux.

Commissioner for Mental Hygiene: Dr. I. R. Vermooten.

Under Secretary: Mr. N. A. G. Reeler.

Approved establishment:—

<i>Section.</i>	<i>No. of Posts.</i>
Professional Higher—	
Medical Officers.....	288
Other.....	7
	295
Administrative.....	69
Professional Lower and Technical.....	162
Clerical.....	359
General—	
Nursing.....	2,181
Other.....	1,048
Non-Europeans.....	4,235
	7,464
	<u>8,349</u>

In addition to the above there are 385 part-time medical officers.

## TUBERCULOSIS.

During the year an agreement was reached between the Provincial Authorities of the Transvaal, Natal and the Orange Free State in terms of which X-ray examinations will be undertaken at the rate of 10s. 6d. per film at all provincial hospitals in these provinces in respect of patients referred there by local authorities. This followed a similar agreement affected with the Cape Province in the previous year.

The Department purchased an additional 19 mobile 70 mm. X-ray units which are based on, and serve the smaller local authorities and the rural areas from, the Department's Regional Tuberculosis Hospitals.

It was also resolved that Local Authorities with a population of 20,000 or more should be encouraged to acquire their own X-ray units which would rank for seven-eights subsidy from this Department.

Die Departement het die Zonderwaterhospitaal, Cullinan, Transvaal, wat uiteindelik 500 manlike Natu-  
reltuberkulose pasiënte sal huisves, heropen. Twee-  
honderd en vyftig van die beddens is gereserveer vir die  
opneming van gevangenes wat tuberkuloselyers is.

Die getal beddens vir tuberkulosepasiënte het van  
ongeveer 11,000 in die vorige jaar tot 14,657 toegeneem,  
waarvan 1,230 aan blanke en 13,427 aan nie-blanke  
pasiënte toegewys word.

### POLIOMIËLITIS.

Ten einde in die toenemende behoefte aan laborato-  
riumdiagnose van poliomiëlitis te voorsien is 'n Polio-  
virusafsonderings- en tipebepalingseenheid in Maart  
1956 by die Laboratoriums van die Poliomiëlitisnavor-  
singstigting tot stand gebring. Gedurende die jaar is  
2,101 monsters ondersoek. Die meeste hiervan het  
geblyk tipe 1-poliovirus te wees. Daar het betreklik min  
gevalle van tipe 2- of tipe 3-besmetting voorgekom.

Die voorkomssyfer van poliovirus tipe wat gedurende  
die jaar in Suid-Afrika afgesonder is, was soos volg:—

Provinsie.	To- taal.	Blankes.			Nie-blankes.		
		Tipes.			Tipes.		
		1	2	3	1	2	3
Transvaal.....	523	260	9	25	219	3	7
Oranje-Vrystaat....	13	11	0	0	2	0	0
Natal.....	17	5	0	9	1	1	1
Kaapprovinsie.....	184	77	8	7	87	4	1

Die uitbreking wat in die loop van die jaar voorgekom  
het, is gekenmerk deur die feit dat die siekte vir die eerste  
keer in Suid-Afrika net so straf onder die Bantoe- as  
onder die blanke bevolking geheers het. Die meeste van  
die gevalle by die Bantoe het by kinders onder die ouder-  
dom van vyf jaar voorgekom, terwyl daar in die geval van  
die blankes byna net soveel kinders bo die ouderdom van  
vyf jaar as daaronder, hierdie siekte opgedoen het. Hier-  
die verandering in die epidemiologiese patroon van die  
siekte wat reeds ingetree het, sal waarskynlik voortduur.  
Tensy die een of ander doeltreffende voorkomingsmiddel  
besikbaar word, sal epidemies waarskynlik al hoe  
strawwer word en dit sal sowel die Bantoe- as die blanke-  
bevolking in 'n steeds toenemende mate aantast. Aange-  
sien voorbehoedende entstof moontlik 'n oplossing vir  
hierdie groeiende vraagstuk bied, was dit verblydend om  
te merk dat daar 'n veel groter vraag na entstof was as in  
die vorige jaar toe die entstof vir die eerste keer vir  
algemene gebruik beskikbaar gestel is.

Gedurende die jaar is 1,256 liter virussuspensie met  
welslae verwerk en is 341,000 dosisse entstof uitgereik.  
Die meeste van die kinders wat ingeënt is, het goed op die  
inenting gereageer.

Onderstaande tabel toon die leeftydverspreiding van  
die poliomiëlitisgevalle wat in die loop van die jaar aan-  
gegee is:—

#### BLANKES.

0—4	5—9	10—19	20 +	Totaal.
731	432	293	182	1,638
44·63%	26·37%	17·89%	11·11%	100%

#### NIE-BLANKES.

0—4	5—9	10—19	20 +	Totaal.
1,377	176	98	60	1,711
80·48%	10·29%	5·7%	3·51%	100%

The Department re-opened the Zonderwater Hos-  
pital, Cullinan, Transvaal, which will eventually accom-  
modate 500 Native male tuberculosis patients. Two  
hundred and fifty of the beds have been reserved for the  
admission of prisoners suffering from tuberculosis.

The number of beds for tuberculosis patients increased  
from approximately 11,000 in the previous year to 14,657,  
of which 1,230 are allocated to European and 13,427 to  
non-European patients.

### POLIOMYELITIS.

To meet an increasing need for the laboratory diag-  
nosis of poliomyelitis, a Poliovirus Isolation and Typing  
Unit was established at the Laboratories of the Polio-  
myelitis Research Foundation in March, 1956. During  
the year 2,101 specimens were examined. The majority  
of these proved to be Type 1 poliovirus. There were  
relatively few cases of Type 2 or Type 3 infections.

The incidence of poliovirus types isolated in South  
Africa during the year was as follows:—

Province.	Total.	Europeans.			Non-Europeans.		
		Types.			Types.		
		1	2	3	1	2	3
Transvaal.....	523	260	9	25	219	3	7
Orange Free State...	13	11	0	0	2	0	0
Natal.....	17	5	0	9	1	1	1
Cape Province.....	184	77	8	7	87	4	1

The outbreak which occurred during the year was  
characterised by the occurrence for the first time in South  
Africa of as great a prevalence of the disease amongst the  
Bantu as amongst the European section of the popula-  
tion. Most of the Bantu cases were in infants under 5  
years, whereas in the case of Europeans there were nearly  
as many cases over 5 years as under this age. This change  
in the epidemiological pattern of the disease once begun  
will probably continue. Unless some effective means of  
prevention becomes available epidemics of increasing  
severity are likely to occur, which will affect to an in-  
creasing extent the Bantu as well as the European  
population. As prophylactic vaccination promises to be  
an answer to this developing problem, it was gratifying  
to note that there was a much greater demand for vaccine  
than in the previous year, when the vaccine first became  
available for general issue.

During the year 1,256 litres of virus suspension were  
successfully processed and 341,000 doses of vaccine were  
issued. The majority of children vaccinated have  
responded well to the vaccination.

The following table gives the age distribution of the  
poliomyelitis cases notified during the year. :—

#### EUROPEANS.

0—4	5—9	10—19	20 +	Total.
731	432	293	182	1,638
44·63%	26·37%	17·89%	11·11%	100%

#### NON-EUROPEANS.

0—4	5—9	10—19	20 +	Total.
1,377	176	98	60	1,711
80·48%	10·29%	5·7%	3·51%	100%

## GEKOMBINEER.

0—4	5—9	10—19	20 +	Totaal.
2,108 62·94%	508 15·17%	391 11·68%	242 7·23%	3,349 100%

## INFLUENZA.

Gorrelsmere uit baie dele van die Unie is ondersoek. Die influensavirusse wat afgesonder is, het almal geblyk influensavirus tipe A te wees, maar het groter antigeniese variasie getoon as wat vroeër in die land teëgekomp is. Verskeie daarvan het tot 'n groep behoort wat oorspronklik in 1953 in Skandinawië afgesonder is, ander tot 'n groep wat in 1955 in Ierland afgesonder is en 'n derde groep behoort tot 'n nuwe antigeniese variëteit wat onlangs in Indië, Duitsland, Kanada en Tanganjika afgesonder is.

## MALARIA.

Gedurende Julie is 'n konferensie oor malaria en bilharzia onder voorsitterskap van die Sekretaris van Gesondheid in Pretoria gehou. Afgevaardigdes van die Wêreldgesondheidsorganisasie, die Portugese Gebiede in Suidelike Afrika, die Hoë Kommissarisgebiede, Suidwes-Afrika en verteenwoordigers van Staatsdepartemente en belangstellende organisasies in die Unie het die Konferensie bygewoon.

Die Konferensie het die wenslikheid daarvan beklemtoon dat malaria tot 'n aangeebare siekte verklaar word. Dientengevolge is malaria met ingang van 9 November 1956, tot 'n aangeebare siekte verklaar.

## SLENDALKOORS.

'n Epidemie onder diere, veral skape, het gedurende die tweede kwartaal van die jaar in die Westelike Vrystaat voorgekom. Ongeveer 110 menslike kontakte het die siekte gekry; almal het volkome herstel. In al die gevalle is die siekte opgedoen as gevolg van regstreekse kontak met besmette diere of die verbruik van rou vleis of melk van sulke diere.

## LEPROSE.

Op aanbeveling van die Adviserende Komitee vir Leprose is 'n aantal veranderinge in die beleid in verband met leprose pasiënte wat „voorwaardelik ontslaan is” in werking gestel. Hierdie veranderinge sluit die volgende in:—

- (i) Behalwe in spesiale omstandighede, word pasiënte wat voorwaardelik ontslaan is, nie meer deur die distrikgeneeshere ondersoek nie. Al sulke pasiënte moet nou aan die einde van die tweede jaar na die inrigting waaruit hulle ontslaan is, terugkeer vir 'n ondersoek en aan die einde van die sesde jaar weer vir 'n finale ondersoek.
- (ii) Die voorwaardes van ontslag is ook gewysig ten opsigte van persone wat aan die tuberkuloïede vorm van die siekte gely het, aangesien daar gemeen word dat daar geen gevaar bestaan dat sulke persone na ontslag besmetting kan versprei nie.

## WETGEWING.

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

Die Wysigingswet op die Slag van Vee, 1956 (Wet No. 4 van 1956).

Die Wysigingswet op Volksgesondheid, 1956 (Wet No. 60 van 1956).

## COMBINED.

0—4	5—9	10—19	20 +	Total.
2,108 62·94%	508 15·17%	391 11·68%	242 7·23%	3,349 100%

## INFLUENZA.

Gargles from many parts of the Union were investigated. The influenza viruses isolated all proved to be influenza Type A but showed greater antigenic variation than has previously been encountered in this country. Several belonged to a group originally isolated in Scandinavia in 1953, others to a group isolated in Eire in 1955, and a third type belongs to a new antigenic variety recently isolated in India, Germany, Canada and Tanganyika.

## MALARIA.

During July a conference on malaria and bilharzia was held in Pretoria, under the chairmanship of the Secretary for Health. Delegates from the World Health Organization, the Portuguese Territories in Southern Africa, the High Commission Territories, South West Africa, and representatives from Government Departments and interested Organizations in the Union attended the Conference.

The Conference stressed the desirability of making malaria a notifiable disease. In consequence of this, malaria was made a notifiable disease with effect from 9th November, 1956.

## RIFT VALLEY FEVER.

An epidemic amongst animals, particularly sheep, occurred in the Western Free State during the second quarter of the year. Approximately 110 human contacts developed the disease, all of whom recovered completely. In every case the disease was contracted as a result of direct contact with infected animals, or the consumption of raw meat or milk from such animals.

## LEPROSY.

On the recommendation of the Leprosy Advisory Committee, several changes in the policy regarding “Probatonally Discharged” leprosy patients have been brought into effect. These include the following:—

- (i) Except in special circumstances, probationally discharged patients are no longer examined by the district surgeons. All such patients are now required to return to the institution from which they were discharged for an examination at the end of the second year, and for a final examination at the end of the sixth year.
- (ii) The conditions of discharge have also been altered in respect of persons who suffered from the tuberculoïd form of the disease, as it is considered that such persons would present no risk of spreading infection after their discharge.

## LEGISLATION.

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

The Slaughter of Animals Amendment Act, 1956 (Act No. 4 of 1956).

The Public Health Amendment Act, 1956 (Act No. 60 of 1956).

## INTERNASIONALE GESONDHEID.

Dr. J. J. du Pré le Roux, Sekretaris van Gesondheid en Hoofgesondheidsbeampte van die Unie, het die volgende as die Unie se verteenwoordiger bygewoon:—

Sewentiende vergadering van die Uitvoerende Raad van die Wêreldgesondheidsorganisasie te Genève van 17 Januarie tot 2 Februarie 1956.

Sesde vergadering van die Streekskomitee vir Afrika van die Wêreldgesondheidsorganisasie te Luanda, Angola, van 24 tot 29 September 1956.

Dr. B. M. Clark, Adjunk-hoofgesondheidsbeampte van die Unie en mnr. C. Marr, Senior Administratiewe Beampte, het die volgende as die Unie se verteenwoordigers bygewoon:—

Negende vergadering van die Wêreldgesondheidsvergadering, gehou te Genève van 8 tot 25 Mei 1956.

Agtiende vergadering van die Uitvoerende Raad van die Wêreldgesondheidsorganisasie te Genève van 28 tot 30 Mei 1956.

Dr. E. J. H. Foullois het die Departement verteenwoordig op die Afrika-Seminaar oor Lewen- en Gesondheidstatistieke, gehou te Brazzaville onder die gesamentlike beskerming van die Kommissie vir Tegniese Samewerking in Afrika ten suide van die Sahara (C.C.T.A.) en die W.G.O. van 19 tot 24 November 1956.

Dr. A. L. Ferguson, Hoofstreeksgesondheidsbeampte, Durban, dr. C. H. J. Brink, Hoofstreeksgesondheidsbeampte, Pietersburg, en dr. H. H. Eiselen, Assistent-streeksgesondheidsbeampte, Pietersburg, het die Unie verteenwoordig op die Konferensie van die Wêreldgesondheidsorganisasie oor Malariabestryding te Nairobi van 5 tot 8 November 1956.

Dr. R. Turner, Senior Staatspatoloog en Adviseur insake Patologiese Dienste, het die Unie verteenwoordig op die Seminaar van die Wêreldgesondheidsorganisasie oor Virus- en Rickettsiasiektes te Madrid van 16 tot 25 April 1956.

Dr. Turner het ook die Vergadering van die Wêreldgesondheidsorganisasie se Paneel van Adviserende Deskundiges oor Gesondheidslaboratoriummetodes te Genève van 22 tot 27 Oktober 1956 bygewoon.

Dr. L. A. Hurst, Geneesheer-superintendent, Sterkfontein-hospitaal, het die Unie verteenwoordig op die Eerste Internasionale Kongres oor Erflikheidsleer van die Mens te Kopenhagen van 1 tot 6 Augustus 1956.

## DANKBETUIGING.

Graag wil ek my innige dank betuig aan alle Staatsdepartemente, die Suid-Afrikaanse Spoorweë en Hawens, die Provinsiale Administrasies, die verskillende Vrywillige Organisasies wat hulle vir gesondheid beywer, asook aan die plaaslike besture vir hulle volle samewerking met hierdie Departement. Besondere vermelding moet ook gemaak word van die landdroste en Naturelle-kommissarisse met wie die personeel van hierdie Departement baie nou saamwerk. Aan al die amptelike liggeme wat aan hierdie Departement nou verbonde is, is ek oorgete dank verskuldig.

Daarbenewens 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. DE PRÉ LE ROUX,  
PRETORIA. *Sekretaris van Gesondheid*

## INTERNATIONAL HEALTH.

Dr. J. J. du Pré le Roux, Secretary for Health and Chief Health Officer for the Union, attended the following as the Union's representative:—

Seventeenth Meeting of the Executive Board of the World Health Organization at Geneva from the 17th January to 2nd February, 1956.

Sixth Meeting of the Regional Committee for Africa of the World Health Organization at Luanda, Angola, from the 24th to 29th September, 1956.

Dr. B. M. Clark, Deputy Chief Health Officer for the Union, and Mr. C. Marr, Senior Administrative Officer, attended the following as the Union's representatives:—

Ninth Meeting of the World Health Assembly held at Geneva from the 8th to 25th May, 1956.

Eighteenth Meeting of the Executive Board of the World Health Organization at Geneva from the 28th to 30th May, 1956.

Dr. E. J. H. Foullois represented the Department at the African Seminar on Vital and Health Statistics held at Brazzaville under the joint auspices of C.C.T.A. and W.H.O., from the 19th to 24th November, 1956.

Dr. A. L. Ferguson, Chief Regional Health Officer, Durban, Dr. C. H. J. Brink, Chief Regional Health Officer, Pietersburg, and Dr. H. H. Eiselen, Assistant Regional Health Officer, Pietersburg, represented the Union at the World Health Organization Conference on Malaria Control at Nairobi from the 5th to 8th November, 1956.

Dr. R. Turner, Senior Government Pathologist and Adviser on Pathological Services, represented the Union at the World Health Organization Seminar on Virus and Rickettsial Diseases at Madrid from the 16th to 25th April, 1956.

Dr. Turner also attended the Meeting of the World Health Organization's Expert Advisory Panel on Health Laboratory Methods at Geneva from the 22nd to 27th October, 1956.

Dr. L. A. Hurst, Physician Superintendent, Sterkfontein Hospital, represented the Union at the First International Congress on Human Genetics at Copenhagen from the 1st to 6th August, 1956.

## ACKNOWLEDGMENTS.

I wish to express my sincere thanks to all Government Departments, the South African Railways and Harbours, the Provincial Administrations, the various Voluntary Organizations which interest themselves in health, as well as to the Local Authorities for their wholehearted co-operation with this Department. Special mention must be made of the Magistrates and Native Commissioners with whom the staff of this Department work 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. DE PRÉ LE ROUX,  
PRETORIA. *Secretary for Health.*

PUBLIKASIES DEUR LEDE VAN DIE PERSONEEL.

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

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

(a) „Infections in Leprosy Institutions”. *International Journal of Leprosy*, Deel 24, No. 3 van 1956, bl. 275-279.

(b) „Clinical evaluation of Isonicotinic Acid Hydrazide as an adjuvant in the treatment of Lepromatous Leprosy”. *International Journal of Leprosy*, Deel 24, No. 4 van 1956, bl. 393-400.

SACHS, DR. S. B., Mediese Beamppte, Gesondheidsentrum, Evaton—

„The Domiciliary Treatment of Pulmonary Tuberculosis, a Socio-economic and Clinical Review”. *Suid-Afrikaanse Tydskrif vir Geneeskunde*, Vol. 30, 4 Augustus 1956, bl. 735.

SMIT, DR. W. A., Hoofstreekgesondheidsbeamppte, Bloemfontein—

„Die Gesundheitsfürsorge für Eingeborene in der Südafrikanische Union”. (Die Gesundheitsdienste vir Naturelle in die Unie van Suid-Afrika). *Medizinische Klinik*, No. 16, 20 April 1956, bl. 694-697.

PUBLICATIONS BY MEMBERS OF THE STAFF.

The following publications and articles by members of the Department's staff were published during the year:—

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

(a) “Infections in Leprosy Institutions.” *International Journal of Leprosy*, Vol. 24, No. 3 of 1956, pp. 275-279.

(b) “Clinical evaluation of Isonicotinic Acid Hydrazide as an adjuvant in the treatment of Lepromatous Leprosy.” *International Journal of Leprosy*, Vol. 24, No. 4 of 1956, pp. 393-400.

SACHS, DR. S. B., Medical Officer, Evaton Health Centre—

“The Domiciliary Treatment of Pulmonary Tuberculosis, a Socio-economic and Clinical Review”. *South African Medical Journal*, Volume 30, 4th August, 1956, pp. 735.

SMIT, DR. W. A., Chief Regional Health Officer, Bloemfontein—

„Die Gesundheitsfürsorge für Eingeborene in der Südafrikanische Union.” (The Health Services for Natives in the Union of South Africa). *Medizinische Klinik*, No. 16, 20th April, 1956, pp. 694-697.

LYS VAN STATISTIESE TABELLE.

1. Opsomming van lewenstatistieke van die blanke bevolking, 1920-56.
2. Geregistreeerde geboortes, geklassifiseer volgens provinsies en geslag, 1952-56.
3. Geregistreeerde sterfgevälle, geklassifiseer volgens provinsies en geslag, 1952-56.
4. Geboortes, sterfgevälle onder een jaar, en babasterfesyfers, 1952-56.
5. Oorsake van dood (verkorte internasionale lys), 1952-56.
6. Sterfgevälle volgens ouderdom, 1952-56.
7. Moedersterfesyfers, 1952-56.
8. Sterfgevälle onder blankes weens kraamoorsake geregistreer volgens ouderdomsgroepe.
9. Geboorte-, sterfte- en natuurlike aanwassyfers: Blankes in die Unie vergelyk met dié in ander lande.
10. Babasterfesyfers: Blankes in die Unie vergelyk met dié in ander lande.
11. Geraamde bevolking volgens ras, 30 Junie 1956.
12. Aangifte van siektes en geregistreeerde sterfgevälle.
13. Witseerkeel:—
  - (a) Siekte- en sterfesyfers (volgens rasse), 1946-56.
  - (b) Verspreiding van gevälle en sterfgevälle (volgens ras en ouderdom).
14. Melaatsheid:—
  - (a) Leprose-inrigtings, pasiënte daarin op 31 Desember 1956.
  - (b) Pasiënte opgeneem, ontslaan en oorlede.
15. Malaria:—
  - (a) Hutte met nawerkende insekmiddels behandel, 1 Julie 1951 tot 31 Desember 1956.
  - (b) Oordraers wat met kontrolebespuiting gevind is, 1 Julie 1951 tot 31 Desember 1956.
  - (c) Getal positiewe smere wat ondersoek is, 1 Julie 1951 tot 31 Desember 1956.
16. Pes:—
 

Voorkoms en verspreiding van menslike pes, 1 Januarie 1952 tot 31 Desember 1956.
17. Poliomiëlitis:—
  - (a) Aangiftes en sterfgevälle volgens ras.
  - (b) Getal gevälle aangegee en die verspreiding daarvan, 1 Julie 1939 tot 31 Desember 1956.
  - (c) Verspreiding van gevälle en sterfgevälle volgens ras en ouderdom.
  - (d) Sterfgevälle volgens maand.
18. Hondsdolheid:—
  - (a) Menslike kontakte en verspreiding daarvan.
  - (b) Bekende gevälle en diere verantwoordelik vir oordraging.
19. Pokkies:—
 

Provinsiale voorkomssyfer van gevälle, 1 Januarie 1952 tot 31 Desember 1956.
20. Tuberkulose:—
  - (a) Sterfgevälle (alle vorms) volgens ras in geslags- en ouderdomsgroepe.
  - (b) Sterfgevälle by kinders onder vyf jaar.

LIST OF STATISTICAL TABLES.

1. Summary of vital statistics of the European population, 1920-56.
2. Registered births, classified by province and sex, 1952-56.
3. Registered deaths, classified by province and sex 1952-56.
4. Births, deaths under one year, and infant mortality rates, 1952-56.
5. Cause of death (international abbreviated list), 1952-56.
6. Deaths by age, 1952-56.
7. Maternal mortality rates, 1952-56.
8. European deaths from puerperal causes registered by age groups.
9. Birth, death and natural increase rates: Europeans in the Union compared with other countries.
10. Infant mortality rates: Europeans in the Union compared with other countries.
11. Estimated population by race, 30th June, 1956.
12. Notification of diseases and registered deaths.
13. Diphtheria:—
  - (a) Diphtheria morbidity and mortality rates (by race), 1946-56.
  - (b) Distribution of cases and deaths by race and age.
14. Leprosy:—
  - (a) Leper institutions, patients therein as at 31st December, 1956.
  - (b) Admissions, discharges and deaths.
15. Malaria:—
  - (a) Huts treated with residual insecticides, 1st July 1951, to 31st December, 1956.
  - (b) Vectors found during check spraying, 1st July, 1951, to 31st December, 1956.
  - (c) Number of positive smears examined, 1st July, 1951, to 31st December, 1956.
16. Plague:—
 

Occurrence and distribution of human plague, 1st January 1952, to 31st December, 1956.
17. Poliomyelitis:—
  - (a) Notifications and deaths by race.
  - (b) Number of notifications and their distribution, 1st July, 1939, to 31st December, 1956.
  - (c) Distribution of cases and deaths by race and age.
  - (d) Deaths by month.
18. Rabies:—
  - (a) Human contacts and distribution thereof.
  - (b) Known number of cases and animals responsible for transmission.
19. Smallpox:—
 

Provincial case incidence, 1st January, 1952, to 31st December, 1956.
20. Tuberculosis:—
  - (a) Deaths (all forms) by race, in age and sex groups.
  - (b) Deaths among children under the age of five years.

## 21. Maagkoors:—

Verspreiding van gevalle en sterfgevälle.

## 22. Vlektifus:—

- (a) Maandelikse voorkomssyfer volgens provinsie, alle rasse.  
 (b) Getal gevalle in die Unie, alle rasse, 1933-56.

## 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 1952-56.

## 24. Verpleeg-, kraam- en kindersorgdienste:—

- (a) Distrikverpleegdienste: Getal verpleegsters, ens., ten opsigte van wie subsidies of gedeeltelike terugbetalings van salarisse betaal word, 1935 en 1952-56.  
 (b) Verpleeginrigtings geregistreer, getal beddens beskikbaar en personeel van verpleeginrigtings op 31 Desember 1956.

## 25. Laboratoriums en biologiese beheer:—

- (a) Ontledings en ondersoeke.  
 (b) Getal ondersoeke uitgevoer.  
 (c) Aard van ondersoeke uitgevoer.  
 (d) Werk uitgevoer by Staatsentstofinstituut, Rosebank, Kaaprovinsie.  
 (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, 1952-56.

## 21. Typhoid fever:—

Distribution of cases and deaths.

## 22. Typhus:—

- (a) Monthly incidence by province, all races.  
 (b) Number of cases in the Union, all races, 1933-56.

## 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, 1952-56.

## 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 1952-56.  
 (b) Nursing homes registered, bed accommodation available and personnel of nursing homes at 31st December, 1956.

## 25. Laboratories and Biological control:—

- (a) Analyses and examinations.  
 (b) Number 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) Examinations carried out under the Therapeutic Substances Regulations.  
 (d) Narcotic drugs imported into the Union of South Africa, 1952-56.

TABEL 1.—UNIE VAN SUID-AFRIKA: OPSOMMING VAN LEWENSTATISTIEKE VAN BLANKE BEVOLKING, 1920-1956. TABLE 1.—UNION OF SOUTH AFRICA: SUMMARY OF VITAL STATISTICS OF EUROPEAN POPULATION, 1920-1956.

Kalender-jaar. Calendar Year.	Blanke bevolking (geram). European Population (estimated).	Geboortesyfer per 1,000 van bevolking. Birth Rate per 1,000 of Population.	Sterftesyfer, werklike of onverwerkte, per 1,000 van bevolking. Death Rate Actual or Crude, per 1,000 of Population.	Sterftesyfer per 100,000 van bevolking. Death Rate per 100,000 of Population.			Persentasie van totale sterfgevälle waarvan die oorsaak medies gesertifiseer is. Percentage of Total Deaths the Cause of which was Medically Certified.	Babusterftesyfer (sterfgevälle onder babas van minder as een jaar, per 1,000 lewende geboortes geregistreer). Infantile Mortality Rate (Deaths of Infants under 1 year per 1,000 Live Births Registered).	Moedersterftesyfer (sterfgevälle onder moeders in verband met swangerskap of kindergeboorte per 1,000 lewende geboortes geregistreer). Maternal Mortality Rate (Deaths of Mothers in connection with Pregnancy or Childbirth per 1,000 Live Births Registered).	Oorlewingsyfer of natuurlike aanwassyfer (getal geboortes meer as sterfgevälle per 1,000 van bevolking). Survival Rate or Rate of Natural Increase (Excess of Births over Deaths per 1,000 of Population).	
				Siektes van hart en bloedsomloopstelsel. Diseases of Heart and Circulatory System.	Pneumonie en bronchitis. Pneumonia and Bronchitis.	Kanker. Cancer.					Tuberculose (Alle vorms). Tuberculosis (All forms).
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	1,519,488†	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	123.72	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	70.49	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	2,008,700	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	35.12	94.75	49.48	3.61	15.88
1940	2,152,700	25.29	9.42	190.18	89.93	102.80	36.19	94.32	49.48	3.37	15.87
1941	2,188,200	24.94	9.47	197.61	86.14	109.40	34.26	94.83	50.93	2.49	15.47
1942	2,230,000	25.18	9.35	199.69	81.97	109.33	36.19	94.83	50.93	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	2,650,000	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	8.35	98.45	33.34	0.74	15.99
1955	2,856,000	24.62	8.06	262.68	50.07	124.54	9.33	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

\* Slegs medies gesertifiseerde sterfgevälle. Syfers vir latere jare bereken volgens die totale getal sterfgevälle geregistreer. — Medically certified deaths only. Rates for subsequent years calculated on the total deaths registered.  
† Werklik (volgens sensus). — Actual (per census).

TABEL 2.—GEBORTES GEREGISTREER VOLGENS PROVINSIES EN GESLAG, 1952-56.

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

TABLE 2.—BIRTHS REGISTERED BY PROVINCE AND SEX, 1952-56.

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 Europeans, 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.

Jaar. Year.	Kaapprovinsie. Cape Province.		Natal.		Transvaal.		Oranje-Vrystaat. Orange Free State.		Unie. Union.			Geboortesyfer per 1,000 van die bevolking. Birth Rate per 1,000 of the Population.
	Manlik. Male.	Vroulik. Female.	Manlik. Male.	Vroulik. Female.	Manlik. Male.	Vroulik. Female.	Manlik. Male.	Vroulik. Female.	Manlik. Male.	Vroulik. Female.	Totaal. Total.	

BLANKES.—EUROPEANS.

1952.....	11,401	10,818	3,216	2,998	17,238	16,148	3,237	2,975	35,092	32,939	68,031	25.2
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

ASIATE.—ASIATICS.

1952.....	291	272	5,328	5,343	958	963	—	—	6,577	6,578	13,155	34.8
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	6,960	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

KLEURLINGE.—COLOURED.

1952.....	24,777	24,477	717	724	1,533	1,559	208	237	27,235	26,997	54,232	47.8
1953.....	24,190	25,527	766	703	1,692	1,631	315	295	26,963	28,156	57,119	48.8
1954.....	26,391	25,773	723	654	1,724	1,646	187	197	29,025	28,270	57,295	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

TABEL 3.—STERFGEVALLE GEREGISTREER VOLGENS PROVINSIES EN GESLAG, 1952-56.

Net soos die registrasie van Naturellegeboortes op die platteland verpligtend gemaak is, so ook is die verpligte registrasie van Naturellesterfgevallen 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 sterfgevallen van Blankes, Asië en Kleurlinge in die onderskeie provinsies, volgens geslag, en met aanduiding van die sterftesyfer per duisend van die bevolking.

TABLE 3.—DEATHS REGISTERED BY PROVINCE AND SEX, 1952-56.

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 Europeans, Asiatics and Coloureds in the different provinces, according to sex and showing also the death rate per thousand of the population.

Jaar. Year.	Kaapprovinsie. Cape Province.		Natal.		Transvaal.		Oranje-Vrystaat. Orange Free State.		Unie. Union.			Sterftesyfer per 1,000 van die bevolking. Death Rate per 1,000 of the Population.
	Manlik. Male.	Vroulik. Female.	Manlik. Male.	Vroulik. Female.	Manlik. Male.	Vroulik. Female.	Manlik. Male.	Vroulik. Female.	Manlik. Male.	Vroulik. Female.	Totaal. Total.	

## BLANKES.—EUROPEANS.

1952.....	4,705	3,630	1,463	998	5,492	3,872	1,193	815	12,853	9,315	22,168	8.2
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

## ASIATE.—ASIATICS.

1952.....	125	50	1,620	1,290	264	143	—	1	2,009	1,484	3,493	9.2
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

## KLEURLINGE.—COLOURED.

1952.....	10,130	8,858	227	187	763	576	185	144	11,305	9,765	21,070	18.5
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	9,878	21,016	16.9
1956.....	10,529	8,978	216	162	751	613	205	151	11,701	9,904	21,605	16.9

TABLE 4.—GEBORTES, STERFGEVALLE ONDER EEN JAAR EN BABASTERF-  
 TESIYFER, 1952-56.

Jaar. Year.	Kaapprovinsie. Cape Province.		Natal.		Transvaal.		Oranje-Vrystaat. Orange Free State.		Unie. Union.						
	Gebortes geregi- streer. Births Regis- tered.	Sterf- gevalle. Deaths.	Sterfte- syfer per 1,000 geboortes. Death- rate per 1,000 Births.	Gebortes geregi- streer. Births Regis- tered.	Sterf- gevalle. Deaths.	Sterfte- syfer per 1,000 geboortes. Death- rate per 1,000 Births.	Gebortes geregi- streer. Births Regis- tered.	Sterf- gevalle. Deaths.	Gebortes geregi- streer. Births Regis- tered.	Sterf- gevalle. Deaths.	Sterfte- syfer per 1,000 geboortes. Death- rate per 1,000 Births.				
1952.....	22,219	717	32.30	6,214	161	25.50	33,386	1,116	33.40	6,212	235	37.80	68,031	2,229	32.80
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
BLANKES.—EUROPEANS.															
1952.....	563	34	60.39	10,671	673	63.07	1,921	139	72.36	—	—	—	13,155	846	64.39
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	—	—	—	13,876	838	60.39
1955.....	540	33	61.11	11,649	725	62.24	2,008	137	68.23	—	1	—	14,197	896	63.04
1956.....	576	35	60.76	10,636	731	68.73	1,924	109	56.65	—	—	—	13,136	875	66.61
ASIATE.—ASIATICS.															
1952.....	49,254	6,378	129.49	1,444	116	80.33	3,092	394	127.43	445	102	229.21	54,235	6,990	28.88
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
KLEURLINGE.—COLOURED.															



TABLE 5.—DOODSOORSAKE (VERKORTE INTERNASIONALE LYS), 1 JANUARIE 1952 TOT 31 DESEMBER 1956. || TABLE 5.—CAUSES OF DEATH (ABBREVIATED INTERNATIONAL LIST), 1ST JANUARY, 1952, TO 31ST DECEMBER, 1956.

Main data table with columns for Cause of Death, Year (1952-1956), and Mortality Rates (M, V, T) for various regions (Blacks-Whites, Asians, etc.).

\* Opgesluitende sterfgevallen 1-55 per cent van alle sterfgevallen uit. —Unclassified deaths comprise 1-55 per cent of all deaths.

† Van alle sterfgevallen in opgesluitende sterfgevallen 1-51 per cent voor blanken 0-88 per cent voor Aziaten en 10-6 per cent voor Kleurlingen. —Of all deaths, unclassified deaths comprise 1-51 per cent for whites, 0-88 per cent for Asians and 10-6 per cent for Coloreds and mixed.



TABLE 6.—STERFGEVALLE WEENS ALLE OORSAKE IN OUDERDOMSGROEPE, BLANKES, 1952-56.

TABLE 6.—DEATHS FROM ALL CAUSES IN AGE GROUPS, EUROPEANS, 1952-56.

Jaar. Year.	Geslacht.—Sex.	Dag.—Days.				Maand.—Months.					Total under one year Total Under One Year.	Total 0-4, Total 0-4.																			100 jaar over, 100 Years and over.	Orig- inal- factor, Unspe- cified.	Total all causes, Total All Ages.						
		1-6.	7-13.	14-20.	21-30.	1-2.	3-5.	6-8.	9-11.	1		2	3	4	5.	10.	15.	20.	25.	30.	35.	40.	45.	50.	55.	60.	65.	70.	75.	80.				85.	90.	95.			
1952	Manlik—Male.....	307	330	72	29	26	773	156	190	110	69	1,208	130	63	56	32	1,088	141	83	174	214	200	254	320	460	620	736	899	1,201	1,329	1,453	1,377	1,009	511	180	38	5	1	12,853
	Vroulik—Female.....	214	226	68	16	26	550	102	127	84	68	931	115	53	33	23	1,155	100	73	72	95	132	137	224	303	426	454	528	703	877	1,078	1,084	908	581	236	57	1	9,313	
	Totaal—Total.....	521	556	140	45	52	1,323	258	317	194	137	2,229	254	116	89	55	2,243	250	156	246	309	332	391	544	763	1,046	1,190	1,487	1,904	2,206	2,531	2,461	1,907	1,092	416	95	6	1	22,166
1953	Manlik—Male.....	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	710	782	1,101	1,261	1,373	1,524	1,468	1,055	593	185	43	4	—	13,589
	Vroulik—Female.....	228	237	65	33	20	603	111	137	91	63	1,007	111	48	48	30	1,244	111	51	69	104	117	171	234	291	457	424	627	779	1,092	1,109	1,223	1,014	634	237	58	10	—	9,978
	Totaal—Total.....	535	559	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	1,328	2,040	2,585	2,633	2,601	2,069	1,237	422	101	14	—	23,567
1954	Manlik—Male.....	270	361	72	33	35	771	144	173	94	76	1,258	121	62	40	34	1,515	111	96	142	250	207	226	356	509	712	832	1,066	1,365	1,412	1,575	1,573	1,172	655	218	39	6	3	14,047
	Vroulik—Female.....	240	272	60	25	34	636	92	104	102	51	1,060	101	56	47	28	1,272	92	58	68	79	102	146	213	301	410	468	586	778	1,078	1,126	1,075	699	490	89	7	1	10,059	
	Totaal—Total.....	510	633	132	58	69	1,407	236	278	196	127	2,318	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	2,601	2,245	1,354	466	108	13	6	24,106
1955	Manlik—Male.....	263	368	78	21	31	791	138	147	98	63	1,237	104	71	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	13,371
	Vroulik—Female.....	197	237	47	27	21	551	86	131	70	41	859	105	57	24	24	1,069	78	60	84	71	94	122	173	300	385	484	572	712	919	1,331	1,315	1,307	722	289	70	10	2	9,640
	Totaal—Total.....	460	605	125	48	52	1,342	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	2,595	2,653	2,248	1,296	487	113	13	4	23,011
1956	Manlik—Male.....	319	378	72	36	18	823	134	181	96	61	1,295	117	73	61	35	1,581	145	115	186	271	217	263	333	502	725	857	1,032	1,310	1,557	1,470	1,626	1,212	714	241	45	6	3	14,493
	Vroulik—Female.....	248	251	45	20	21	585	93	119	61	41	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	826	313	66	14	5	10,488
	Totaal—Total.....	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	2,711	2,913	2,355	1,540	554	109	20	8	24,981

Year	Cattle	Horses	Mules	Pigs	1898-1899		1899-1900		Total	Average
					1898	1899	1899	1900		
1900	144,507	14,400	1,100	1,100	144,507	144,507	144,507	144,507	144,507	
1901	144,507	14,400	1,100	1,100	144,507	144,507	144,507	144,507	144,507	
1902	144,507	14,400	1,100	1,100	144,507	144,507	144,507	144,507	144,507	
1903	144,507	14,400	1,100	1,100	144,507	144,507	144,507	144,507	144,507	
1904	144,507	14,400	1,100	1,100	144,507	144,507	144,507	144,507	144,507	
1905	144,507	14,400	1,100	1,100	144,507	144,507	144,507	144,507	144,507	
1906	144,507	14,400	1,100	1,100	144,507	144,507	144,507	144,507	144,507	
1907	144,507	14,400	1,100	1,100	144,507	144,507	144,507	144,507	144,507	
1908	144,507	14,400	1,100	1,100	144,507	144,507	144,507	144,507	144,507	

TABLE 1. CATTLE, HORSES, MULES, AND PIGS

TABEL 7.—MOEDERSTERFTESYFERS, 1952-56. || TABLE 7.—MATERNAL MORTALITY, 1952-56.

Jaar. Year.	Lewende geboortes geregistreer. Live Births Registered.	Sterfgevälle weens kraamoorsake. Deaths due to Puerperal Causes.				
		Getal. Number.		Syfers per 1,000 lewende geboortes. Rates per 1,000 Live Births.		
		Kraambdsepsis. Puerperal Sepsis.	Ander kraam- oorsake. Other Puerperal Causes.	Kraambdsepsis. Puerperal Sepsis.	Ander kraam- oorsake. Other Puerperal Causes.	Totale getal kraambd- sterfgevälle. Total Puerperal Mortality.

## BLANKES.—EUROPEANS.

1952.....	68,031	3	64	0.04	0.94	0.98
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

## ASIATE.—ASIATICS.

1952.....	13,155	1	39	0.08	2.96	3.04
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

## KLEURLINGE.—COLOURED.

1952.....	54,235	19	126	0.35	2.32	2.67
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

Indicators with known data  
 from the 1917 Census

Year

Deaths  
 from  
 unknown  
 causes

Deaths  
 from  
 unknown  
 causes

Deaths  
 from  
 unknown  
 causes

Deaths  
 from  
 unknown  
 causes

Deaths  
 from  
 unknown  
 causes

BLANKET-BIRTHS

1917	1916	1915	1914	1913	1912
22,001	22,000	22,000	22,000	22,000	22,000
0.01	0.01	0.01	0.01	0.01	0.01

WATER-BIRTHS

1917	1916	1915	1914	1913	1912
12,177	12,177	12,177	12,177	12,177	12,177
0.02	0.02	0.02	0.02	0.02	0.02

KILNDRER-FÖDELSE

1917	1916	1915	1914	1913	1912
24,720	24,720	24,720	24,720	24,720	24,720
0.02	0.02	0.02	0.02	0.02	0.02

TABEL 8.—BLANKE STERFGEVALLE WEENS KRAAMOORSAKE, GEREGISTREER VOLGENS OUDERDOMSGROEPE, JAAR GEËINDIG 31 DESEMBER 1956.

TABLE 8.—EUROPEAN DEATHS FROM PUERPERAL CAUSES, REGISTERED BY AGE GROUPS, YEAR ENDED 31ST DECEMBER, 1956.

Doodsoorsaak.—Cause of Death.	15-19.	20-24.	25-29.	30-34.	35-39.	40-44.	45 en ouer. 45 and over.	Totaal alle ouderdomme. Total All Ages.
<b>XI.—GEBORTES EN KOMPLIKASIES VAN SWANGERSKAP, BEVALLING EN KRAAMTYD.—DELIVERIES AND COMPLICATIONS OF PREGNANCY, CHILDBIRTH AND THE PUERPERIUM.</b>								
<i>Komplikasies van Swangerskap (640-649).—Complications of Pregnancy (640-649).</i>								
640 Nierbekkenontsteking en nier- en nierbekkenontsteking van swangerskap—Pyelitis and pyelonephritis of pregnancy	—	—	—	—	—	—	—	—
641 Ander besmettings van die geslagsurienkanaal tydens swangerskap—Other infections of genito-urinary tract during pregnancy	—	—	2	3	—	1	—	6
642 Bloedvergiftiging van swangerskap—Toxaemia of pregnancy	—	—	—	—	—	—	—	—
643 Moederkoekvooriging—Placenta praevia	—	—	—	—	—	—	—	—
644 Ander bloedings van swangerskap—Other haemorrhage of pregnancy	—	—	—	3	—	—	—	3
645 Ektopiese swangerskap—Ectopic pregnancy	—	—	—	—	—	—	—	—
646 Bloedarmoede van swangerskap—Anaemia of pregnancy	—	—	—	—	—	—	—	—
647 Swangerskap met verkeerde ligging van vrug in baarmoeder—Pregnancy with malposition of foetus in uterus	—	—	—	—	—	—	—	—
648 Ander komplikasies as gevolg van swangerskap—Other complications arising from pregnancy	—	—	—	—	—	—	—	—
649 Swangerskap saam met ander toestande—Pregnancy associated with other conditions	—	—	—	—	—	—	—	—
SUBTOTAAL, 640-649—SUB-TOTAL, 640-649	—	—	2	6	—	1	—	9
<i>Miskraam (650-652).—Abortion (650-652).</i>								
650 Miskraam sonder melding van besmetting of bloedvergiftiging—Abortion without mention of sepsis or toxæmia	—	1	—	—	—	1	—	2
651 Miskraam met besmetting—Abortion with sepsis	—	—	1	2	1	—	—	4
652 Miskraam met bloedvergiftiging, sonder melding van besmetting—Abortion with toxæmia, without mention of sepsis	—	—	—	—	—	—	—	—
SUBTOTAAL, 650-652—SUB-TOTAL, 650-652	—	1	1	2	1	1	—	6
<i>Geboorte met gespesifiseerde komplikasie (670-678).—Delivery with Specified Complication (670-678).</i>								
670 Geboorte gekompliseer deur moederkoekvooriging of voorgeboortelike bloeding—Delivery complicated by placenta praevia or antepartum haemorrhage	—	—	1	—	—	—	—	1
671 Geboorte gekompliseer deur agtergeblewe moederkoek—Delivery complicated by retained placenta	—	—	—	1	1	—	—	2
672 Geboorte gekompliseer deur ander nageboortelike bloeding—Delivery complicated by other postpartum haemorrhage	—	2	—	2	2	1	—	7
673 Geboorte gekompliseer deur abnormaliteit van benige bekken—Delivery complicated by abnormality of bony pelvis	—	—	—	—	—	—	—	—
674 Geboorte gekompliseer deur onewerdige proporsies of verkeerde ligging van vrug—Delivery complicated by disproportion or malposition of foetus	—	1	—	—	—	—	—	1
675 Geboorte gekompliseer deur langdurige bevalling weens ander oorsaak—Delivery complicated by prolonged labour of other origin	—	1	—	—	—	1	—	2
676 Geboorte met skuring van binaal, sonder melding van ander skuring—Delivery with laceration of perineum, without mention of other laceration	—	—	—	—	—	—	—	—
677 Geboorte met ander beserings—Delivery with other traumas	—	1	—	1	—	—	—	2
678 Geboorte met ander komplikasies van bevalling—Delivery with other complications of childbirth	—	—	—	—	—	—	—	—
SUBTOTAAL, 670-678—SUB-TOTAL, 670-678	—	5	1	4	3	2	—	15
<i>Komplikasies van die kraamtyd (680-689).—Complications of the Puerperium (680-689).</i>								
680 Nageboortelike urinêre besmetting sonder ander besmetting—Puerperal urinary infection without other sepsis	—	—	—	—	—	—	—	—
681 Besmetting van bevalling en kraamtyd—Sepsis of childbirth and the puerperium	—	—	—	—	1	—	—	1
682 Nageboortelike flebitis en trombose—Puerperal phlebitis and thrombosis	—	—	1	—	—	—	—	1
683 Koors van onbekende oorsprong gedurende die kraamtyd—Pyrexia of unknown origin during the puerperium	—	—	—	—	—	—	—	—
684 Nageboortelike longembolie—Puerperal pulmonary embolism	—	—	—	1	—	—	—	1
685 Nageboortelike eklampsie—Puerperal eclampsia	—	—	—	—	1	—	—	1
686 Ander vorms van nageboortelike bloedvergiftiging—Other forms of puerperal toxæmia	—	—	—	—	—	—	—	—
687 Hersingbloeding in die kraamtyd—Cerebral haemorrhage in the puerperium	—	—	—	—	—	—	—	—
688 Ander en ongespesifiseerde komplikasies van die kraamtyd—Other and unspecified complications of the puerperium	—	—	—	—	—	—	—	—
689 Mastitis en ander steurings van die melktyperk—Mastitis and other disorders of lactation	—	—	—	—	—	—	—	—
SUBTOTAAL, 680-689—SUB-TOTAL, 680-689	—	3	1	2	2	—	—	8
TOTAAL, KLAS XI, 640-689—TOTAL, CLASS XI, 640-689	—	9	5	14	6	4	—	38

Hierdie tabelle is in ooreenstemming met die Internasionale Klassifikasie van oorsake van dood, aangeneem deur die Wêreldgesondheidsorganisasie.  
These tables are in accordance with the International Classification of causes of deaths adopted by the World Health Organisation.



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

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

Lande. Countries.	Geboortesifer per 1,000 van die bevolking. Birth Rate per 1,000 of the Population.	Sterftesifer per 1,000 van die bevolking. Death Rate per 1,000 of the Population.	Meer geboortes as sterfgevälle per 1,000 van die bevolking. Excess of Births over Deaths per 1,000 of the Population.
Engeland en Wallis—England and Wales.....	15.2	11.5	3.7
België—Belgium.....	16.7	12.1	4.6
Duitsland (Wes)—Germany (Western).....	15.6	10.7	4.9
Swede—Sweden.....	14.9	9.6	5.3
Frankryk—France.....	18.8	12.5	6.3
Switserland—Switzerland.....	17.0	10.1	6.9
Italië—Italy.....	18.0	9.5	8.5
Denemarke—Denmark.....	17.5	8.9	8.6
Noorweë—Norway.....	18.6	8.5	10.1
Portugal.....	23.3	11.2	12.1
Australië—Australia.....	22.7	9.0	13.7
Holland.....	21.6	7.6	14.0
Verenigde State van Amerika—United States of America.....	24.7	9.4	15.3
Nieu-Seeland (Blanke bevolking)—New Zealand (White Population).....	24.6	8.9	15.7
Unie van Suid-Afrika—Union of South Africa.....	24.8	8.6	16.2
Kanada—Canada.....	28.4	8.3	20.1

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

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

Swede—Sweden.....	18.3
Nieu-Seeland (Blanke bevolking)—New Zealand (White population).....	20.1
Holland.....	21.1
Noorweë—Norway.....	22.4
Australië—Australia.....	22.6
Engeland en Wallis—England and Wales.....	25.7
Denemarke—Denmark.....	26.4
Verenigde State van Amerika—United States of America.....	27.0
Switserland—Switzerland.....	27.8
Unie van Suid-Afrika—Union of South Africa.....	31.9
Kanada—Canada.....	32.8
Frankryk—France.....	40.4
België—Belgium.....	41.4
Duitsland (Wes)—Germany (West).....	43.5
Italië—Italy.....	54.1
Portugal.....	90.4

TABLE 11.—GERAAMDE BEVOLKING VOLGENS RAS SOOS OP 30 JUNIE 1956. || TABLE 11.—ESTIMATED POPULATION BY RACE AS AT THE 30TH JUNE, 1956.

Provinsie. Province	Blankes.—Europeans.			Naturelle.—Natives.			Asiate.—Asiatics.			Kleurlinge.—Coloureds.		
	Manlik. Male.	Vroulik. Female.	Totaal. Total.	Manlik. Male.	Vroulik. Female.	Totaal. Total.	Manlik. Male.	Vroulik. Female.	Totaal. Total.	Manlik. Male.	Vroulik. Female.	Totaal. Total.
	Kaap—Cape.....	494,000	505,000	999,000	1,227,000	1,422,000	2,649,000	11,000	9,000	20,000	566,000	570,000
Natal.....	156,000	155,000	311,000	936,000	979,000	1,915,000	174,000	170,000	344,000	18,000	21,000	39,000
Transvaal.....	673,000	671,000	1,344,000	2,122,000	1,732,000	3,854,000	30,000	27,000	57,000	45,000	46,000	91,000
Oranje-Vrystaat—Orange Free State.....	130,000	123,000	253,000	469,000	419,000	888,000	—	—	—	8,000	7,000	15,000
UNIE—UNION.....	1,453,000	1,454,000	2,907,000	4,754,000	4,552,000	9,306,000	215,000	206,000	421,000	637,000	644,000	1,281,000

TABLE 12.—AANGIFTE VAN SIKTES EN GEREГИSTREERDE STERFGEVALLE GEDUREN DE JAAR GEËNDE 31 DECEMBER 1956. || Table 12.—NOTIFICATION OF DISEASES AND REGISTERED DEATHS DURING THE YEAR ENDED 31st DECEMBER, 1956.

Prevalent Diseases	Malaria		Wolfeek		Bacteriële Meningitis		Epidemische Tyfus		Rei-tyfus		Leishmaniose		Lepra		Malaria		Meningitis		Organische		Poliomyelitis		Koudehoofdpijn		Reukhoofdpijn		Wetenschappelijke		Pulmonaire		Tuberculose		Tuberculose		Vaginale		Totaal	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths		
I.—BLANKET—EUROPEANS																																						
Komst—Cases	1																																					
Totaal—Total	1																																					
II.—NATUURELLE—NATIVES																																						
Komst—Cases	1																																					
Totaal—Total	1																																					
III.—ARABY—ARABICS																																						
Komst—Cases																																						
Totaal—Total																																						
IV.—KLEURLINGE—COLOUREDS																																						
Komst—Cases																																						
Totaal—Total																																						
V.—TOTAAL ALLE RASSE—TOTAL ALL RACES																																						
Komst—Cases	2																																					
Totaal—Total	2																																					

1. N.—Die list der deat cases meer assegerde angange is as gevalle, meer verklaar word deur die onvolledigheid van die angave van gevalle wat by die Department ingesien word.  
 2. B.—Die list der deat cases meer assegerde angange is as gevalle, meer verklaar word deur die onvolledigheid van die angave van gevalle wat by die Department ingesien word.  
 3. Register van Natuurelgevalle is slegs ingesien as angave van Natuurelgevalle. In die geval van tuberculose, lepra, kanker, word kennis dat der is slegs 10,000 sterfgevallen meer bekend (alle rasse) per jaar verskaf.  
 4. Register van Natuurelgevalle is slegs ingesien as angave van Natuurelgevalle. In die geval van tuberculose, lepra, kanker, word kennis dat der is slegs 10,000 sterfgevallen meer bekend (alle rasse) per jaar verskaf.  
 5. Algemene referensie is die heersker van die werklike getalle van.  
 6. Register figures are not available for the different provinces.  
 7. Reported as S.W.A.  
 8. Reported from S.W.A.

District	Mileage		Furniture
	Quantity	Price	
District 1	1	100	Chair - Oak
	1	50	Table
	1	200	Trunk
	1	100	Chair - Oak - Orange Pine
	1	100	Organ - Lined
Total - Total			500
District 2	1	100	Chair - Oak
	1	50	Table
	1	200	Trunk
	1	100	Chair - Oak - Orange Pine
	1	100	Organ - Lined
Total - Total			500
District 3	1	100	Chair - Oak
	1	50	Table
	1	200	Trunk
	1	100	Chair - Oak - Orange Pine
	1	100	Organ - Lined
Total - Total			500
District 4	1	100	Chair - Oak
	1	50	Table
	1	200	Trunk
	1	100	Chair - Oak - Orange Pine
	1	100	Organ - Lined
Total - Total			500
District 5	1	100	Chair - Oak
	1	50	Table
	1	200	Trunk
	1	100	Chair - Oak - Orange Pine
	1	100	Organ - Lined
Total - Total			500

TABEL 13 (a).—WITSEERKEEL: SIEKTE- EN STERFTESYFER (VOLGENS RAS) IN DIE UNIE VAN SUID-AFRIKA, 1946-56.

TABLE 13 (a).—DIPHtherIA: MORBIDITY AND MORTALITY (BY RACE) IN THE UNION OF SOUTH AFRICA, 1946-56.

Jaar.—Year.	Blankes.—Europeans.			Nie-Blankes.—Non-Europeans.	
	Gevalle aangegee per 100,000. Notified Cases per 100,000.	Blanke sterfgevälle per 100,000. European Deaths per 100,000.	Sterfgevälle Aangifte Deaths Notifications × 100.	Gevalle aangegee per 100,000. Notified Cases per 100,000.	Sterfgevälle per 100,000. Deaths per 100,000.
1946.....	62.5	2.5	3.9	13.7	} Noukeurige syfers nie beskikbaar nie. Accurate figures not available.  8.2 * 6.04 4.41
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	
1955.....	31.4	2.0	6.3	23.0	
1956.....	32.13	2.6	8.1	23.5	

\* Noukeurige sterftesyfers aangaande Naturelle is slegs vir die jare 1954 tot 1956 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.

\* Accurate death figures for Natives are available for the years 1954 to 1956 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.

*(Faint, illegible text from the reverse side of the page, including a table with columns for 'Gevalle aangegee' and 'Sterfgevälle', and various headers in Afrikaans and English.)*

TABLE 13 (b).—WITSEERKEEL: VERSPREIDING VAN GEVALLE EN STERFGEVALLE (VOLGENS RAS EN OUDERDOM) GEDURENDE DIE JAAR 1956. (BY RACE AND AGE) DURING THE YEAR ENDED THE 31ST DECEMBER, 1956.

Provincie. Province.	Gevalle.—Cases.					Jaarlikse voorkoms-syfer per 100,000 van die bevolking. Annual Incidence rate per 100,000 of the Population.	Sterfgevälle.—Deaths.					Sterfsyfer per 100,000 van die bevolking. Death Rate per 100,000 of the Population.
	Ouderdomsgroepe.—Age Groups.						Ouderdomsgroepe.—Age Groups.					
	Onder 1 jaar. Under 1 Year.	1-4 jaar. 1-4 Years.	5-9 jaar. 5-9 Years.	10-19 jaar. 10-19 Years.	20+ jaar. 20+ Years.		Onder 1 jaar. Under 1 Year.	1-4 jaar. 1-4 Years.	5-9 jaar. 5-9 Years.	10-19 jaar. 10-19 Years.	20+ jaar. 20+ Years.	
<b>BLANKES.—EUROPEANS.</b>												
Kaap—Cape.....	21	80	93	33	28	255	5	10	9	1	—	25
Natal.....	9	90	57	23	24	203	1	5	2	—	2	3-22
Transvaal.....	28	164	159	59	22	432	4	17	7	—	1	2-16
Oranje-Vrystaat—Orange Free State.....	3	16	11	9	5	44	—	7	4	—	1	4-74
UNIE—UNION.....	61	350	320	124	79	934	10	39	22	1	4	76
<b>NATURELLE.—NATIVES.*</b>												
Kaap—Cape.....	25	225	142	69	29	490	1	16	2	—	—	19
Natal.....	73	260	80	34	32	479	5	57	3	—	—	67
Transvaal.....	41	391	248	110	65	855	8	35	10	2	—	55
Oranje-Vrystaat—Orange Free State.....	11	105	71	29	22	238	—	6	1	—	—	7
UNIE—UNION.....	150	981	541	242	148	2 062	14	114	16	4	—	148
<b>ASIATE.—ASIATICS.</b>												
Kaap—Cape.....	—	—	—	—	—	—	—	—	—	—	—	—
Natal.....	8	53	16	4	5	86	2	16	2	—	—	20
Transvaal.....	—	8	5	1	—	14	—	2	—	—	—	2
Oranje-Vrystaat—Orange Free State.....	—	—	—	—	—	—	—	—	—	—	—	—
UNIE—UNION.....	8	61	21	5	5	100	2	18	2	—	—	22
<b>KLEURLINGE.—COLOURED.</b>												
Kaap—Cape.....	60	159	70	28	10	327	6	46	13	—	—	65
Natal.....	—	17	6	2	3	28	—	4	—	—	—	4
Transvaal.....	2	23	25	7	6	63	—	3	4	—	—	7
Oranje-Vrystaat—Orange Free State.....	—	3	3	1	—	7	—	2	—	—	—	2
UNIE—UNION.....	62	202	104	38	19	425	6	55	17	—	—	78

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

TABEL 14 (a).—LEPROSE-INRIGTINGS: GETAL PASIËNTE OP 31 DESEMBER 1956.

TABLE 14 (a).—LEPER INSTITUTIONS: NUMBER OF PATIENTS ON 31ST DECEMBER, 1956.

Inrigting. Institution.	Blankes. Whites.		Naturelle. Natives.		Kleurlinge. Coloureds.		Asiate. Asiatics.		Totaal. Total.		Persone. Persons.
	Manlik. Male.	Vroulik. Female.	Manlik. Male.	Vroulik. Female.	Manlik. Male.	Vroulik. Female.	Manlik. Male.	Vroulik. Female.	Manlik. Male.	Vroulik. Female.	
Westfort (Pretoria).....	23	10	594	275	42	20	4	1	663	306	969
Mkambati.....	—	—	45	63	—	—	—	—	45	63	108
Mjanyana.....	—	—	139	122	—	—	—	—	139	122	261
Amatikulu.....	—	—	223	154	—	—	—	—	223	154	377
<b>TOTAAL—TOTAL.....</b>	<b>23</b>	<b>10</b>	<b>1,001</b>	<b>614</b>	<b>42</b>	<b>20</b>	<b>4</b>	<b>1</b>	<b>1,070</b>	<b>645</b>	<b>1,715</b>

TABEL 14 (b).—LEPROSE-INRIGTINGS: PASIËNTE OPGENEEM, ONTSLAAN EN OORLEDE, JAAR GEËINDIG 31 DESEMBER 1956.

TABLE 14 (b).—LEPER INSTITUTIONS: ADMISSIONS, DISCHARGES AND DEATHS, YEAR ENDED 31ST DECEMBER, 1956.

Inrigting.—Institution.	Pasiënte opgeneem.—Admissions.		Pasiënte ontslaan. Discharges.	Sterfgevälle. Deaths.
	Nuwe gevälle. New Cases.	Hervatte gevälle. Recrudescenced Cases.		
Westfort (Pretoria).....	344	21	406	33
Mkambati.....	37	8	47	2
Mjanyana.....	119	23	195	8
Amatikulu.....	117	4	175	9
<b>TOTAAL—TOTAL.....</b>	<b>617</b>	<b>56</b>	<b>823</b>	<b>52</b>

TABEL 15 (a).—MALARIA: HUTTE MET NAWERKENDE INSEKTEMIDDELS BEHANDEL, 1 JULIE 1951 TOT 31 DESEMBER 1956.

Tydperk.—Period.	Transvaal.	Natal.
1/7/1951–30/6/1952.....	320,785	87,928
1/7/1952–31/12/1952.....	—	66,897
1/7/1952–30/6/1953.....	414,787	—
1/1/1953–31/12/1953.....	—	199,902
1/7/1953–30/6/1954.....	287,566	—
1/1/1954–31/12/1954.....	—	178,622
1/7/1954–30/6/1955.....	352,863*	—
1/1/1955–31/12/1955.....	—	157,515
1/7/1955–30/6/1956.....	318,893	—
1/1/1956–31/12/1956.....	—	178,907

\* Hierdie syfer vervang die syfer 269,580 wat in die jaarverslag vir 1955 gepubliseer is.

\* This figure replaces the figure 269,580 published in the annual report for 1955.

TABLE 15 (a).—MALARIA: HUTS TREATED WITH RESIDUAL INSECTICIDES, 1ST JULY, 1951, TO 31ST DECEMBER, 1956.

TABEL 15 (b).—OORDRAERS WAT MET KONTROLEBESPUITING GEVIND IS, 1 JULIE 1951 TOT 31 DESEMBER 1956.

Tydperk.—Period.	Hutte waar kontrolebespuiting uitgevoer is. Huts check-sprayed.		Oordraers gekry. Vectors found.		Verhouding van oordraers per hut. Ratio of Vectors per hut.	
	Transvaal.	Natal.	Transvaal.	Natal.*	Transvaal.	Natal.
1/7/1950–30/6/1951.....	168,812	33,435	1,572	1,383	1:107	1: 16·7
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	—	1:113·4
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

\* Volwasse oordraers van Natal wat uit ongekontroleerde gebiede in Maputaland geïdentifiseer is.

\* Natal adult vectors identified from uncontrolled areas in Maputaland.

TABLE 15 (b).—VECTORS FOUND IN CHECK-SPRAYING, 1ST JULY, 1951, TO 31ST DECEMBER, 1956.

TABEL 15 (c).—GETAL POSITIEWE SMERE WAT ONDERSOEK IS, 1 JULIE 1951 TOT 31 DESEMBER 1956.

Tydperk.—Period.	Transvaal.	Natal.	Totaal.—Total.
1/7/1950–30/6/1951.....	41	80	121
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

\* 17 Ingevoerde gevalle en 40 inheemse gevalle.

\* 17 Imported cases and 40 indigenous cases.

† Hierdie syfer vervang die syfer 54 wat in die jaarverslae vir 1954 en 1955 gepubliseer is.

† This figure replaces the figure 54 published in the annual reports for 1954 and 1955.

‡ Hierdie syfer vervang die syfer 80 wat in die jaarverslag vir 1955 gepubliseer is.

‡ This figure replaces the figure 80 published in the annual report for 1955.

TABLE 15 (c).—NUMBER OF POSITIVE SMEARS EXAMINED, 1ST JULY, 1951, TO 31ST DECEMBER, 1956.

**TABEL 16.—VOORKOMSSYFER EN VERSPREIDING VAN MENSLIKE PES, || TABLE 16.—OCCURRENCE AND DISTRIBUTION OF HUMAN PLAGUE, 1ST  
I JANUARIE 1952 TOT 31 DESEMBER 1956.**

Distrik. District.	1952.			1953.			1954.			1955.			1956.		
	Uit- brekings. Out- breaks.	Gevalle. Cases.	Sterf- gevalle. Deaths.	Uit- brekings. Out- breaks.	Gevalle. Cases.	Sterf- gevalle. Deaths.	Uit- brekings. Out- breaks.	Gevalle. Cases.	Sterf- gevalle. Deaths.	Uit- brekings. Out- breaks.	Gevalle. Cases.	Sterf- gevalle. Deaths.	Uit- brekings. Out- breaks.	Gevalle. Cases.	Sterf- gevalle. Deaths.
<b>Kaaprovinsie—Cape Province—</b>															
Alwal-Noord—Alwal North.....	—	—	—	1	1	—	—	—	—	—	—	—	—	—	—
Calvinia.....	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—
Carnarvon.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Kenhardt.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Port Elizabeth.....	1	3	2	—	—	—	—	—	—	—	—	—	—	—	—
St. Marks.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Uitenhage.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Williston.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<b>Oranje-Vrystaat—Orange Free State—</b>															
Bothaville.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Heilbron.....	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—
Koppies.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Kroonstad.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ladybrand.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Thaba Nchu.....	1	1	1	—	—	—	—	—	—	—	—	—	—	—	—
<b>TOTAAL—TOTAL.....</b>	<b>3</b>	<b>5</b>	<b>3</b>	<b>3</b>	<b>11</b>	<b>2</b>	<b>9</b>	<b>17</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>2</b>	<b>2</b>	<b>3</b>	<b>—</b>

DECEMBER 1946  
 APTOEVEZ IYB VVACEREND GEBOEGEIDE DIE IYVH GERINDIG 31  
 LYBE 13 (17)—VUTLE BOTOMALELLE: MOETICHTOIE VAD DEYERZ 14

TABLE 17 (a).—AKUTE POLIOMIELITIS: AANGIFTE EN STERFGEVALLE VOLGENS RAS AANGEMELD GEDURENDE DIE JAAR GEËINDIG 31 DESEMBER 1956. TABLE 17 (a).—ACUTE POLIOMYELITIS: NOTIFICATIONS AND DEATHS BY RACE, REPORTED DURING THE YEAR ENDED THE 31st DECEMBER, 1956.

Maand. Month.	Kaapprovinsie. Cape Province.				Natal.				Transvaal.				Oranje-Vrystaat. Orange Free State.				Unie. Union.			
	Blankes. Euro- peans.	Natu- relle. Natives.	Asiate. Asiaties.	Kleur- linge. Colour- eds.	Blankes. Euro- peans.	Natu- relle. Natives.	Asiate. Asiaties.	Kleur- linge. Colour- eds.	Blankes. Euro- peans.	Natu- relle. Natives.	Asiate. Asiaties.	Kleur- linge. Colour- eds.	Blankes. Euro- peans.	Natu- relle. Natives.	Asiate. Asiaties.	Kleur- linge. Colour- eds.	Blankes. Euro- peans.	Natu- relle. Natives.	Asiate. Asiaties.	
Januarie—January.....	7	4	—	8	11	5	1	—	20	5	1	—	3	4	—	—	41	18	2	8
Februarie—February....	7	5	—	4	17	6	—	—	36	43	2	4	4	3	—	—	64	57	2	8
Maart—March.....	5	4	—	5	8	2	—	1	152	69	1	4	10	19	—	—	175	94	1	10
April.....	18	63	—	7	15	3	1	—	145	91	7	10	22	40	—	—	200	197	8	17
Mei—May.....	35	111	1	15	13	4	4	—	129	84	4	5	25	35	—	2	202	234	9	22
Junie—June.....	24	49	—	12	15	5	—	—	84	69	1	6	12	11	—	—	135	134	1	18
Julie—July.....	22	31	—	3	21	10	2	1	32	17	—	—	6	14	—	—	81	72	2	4
Augustus—August.....	18	42	—	13	8	9	1	—	33	22	1	—	5	6	—	—	64	79	2	13
September.....	35	32	—	13	20	10	2	2	32	17	—	2	8	8	—	—	95	67	2	17
Oktober—October.....	50	43	—	33	17	13	3	5	33	26	—	2	6	9	—	—	106	91	3	40
November.....	34	41	—	34	51	16	9	7	63	32	1	5	14	22	—	—	162	111	10	46
Desember—December...	52	48	—	62	92	56	17	11	144	76	1	7	25	34	—	—	313	214	18	80
TOTALE GEVALLE— TOTAL CASES.....	307	473	1	209	288	139	40	27	903	551	19	45	140	205	—	2	1,638	1,368	60	283
TOTALE STERFGEVALLE TOTAL DEATHS.....	28	14*	1	17	18	2*	5	2	76	37*	—	3	29	6*	—	—	151	61*	6	22

\* Syfers vir Naturelsterfgevälle het slegs op die vermaamste stedelike gebiede betrekking, maar die aangifte het betrekking op die hele Unie.

\* Figures for Native deaths relate to the principal urban areas only, whereas the number of cases notified refer to the whole of the Union.

TABEL 17 (b).—AKUTE POLIOMIËLITIS: GETAL GEVALLE AANGEDEE EN DIE VERSPREIDING DAARVAN SEDERT 1 JULIE 1939.

TABLE 17 (b).—ACUTE POLIOMYELITIS: NUMBER OF CASES NOTIFIED AND THEIR DISTRIBUTION SINCE THE 1ST JULY, 1939.

Tydperk. Period.	Kaapprovinsie. Cape Province.		Natal.		Transvaal.		Oranje-Vrystaat. Orange Free State.		Unie. Union.
	Blankes. Europeans.	Nie-blankes. Non-Europeans.	Blankes. Europeans.	Nie-blankes. Non-Europeans.	Blankes. Europeans.	Nie-blankes. Non-Europeans.	Blankes. Europeans.	Nie-blankes. Non-Europeans.	Totaal. Total.
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
Ses maande tot—Six months to									
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

TABEL 17 (c).—AKUTE POLIOMIELITIS: VERSPREIDING VAN GEVALLE EN STERFGEVALLE, VOLGENS RAS EN OUDERDOM, AANGEMELD GEDURENDE DIE JAAR GEËINDIG 31 DESEMBER 1956.

TABLE 17 (c).—ACUTE POLIOMYELITIS: DISTRIBUTION OF CASES AND DEATHS, BY RACE AND AGE, REPORTED DURING THE YEAR ENDED THE 31st DECEMBER, 1956.

Provinsie. Province.	Gevalle.—Cases.					Sterfgevälle.—Deaths.								
	Ouderdom.—Age.					Ouderdom.—Age.								
	Onder 1 jaar. Under 1 Year.	1-4.	5-9.	10-19.	20+.*	Totaal. Total.	Voorkoms- syfer per 100,000 van die bevolking. Incidence Rate per 100,000 of the Popu- lation.	Onder 1 jaar. Under 1 Year.	1-4.	5-9.	10-19.	20+.*	Totaal. Total.	Voorkoms- syfer per 100,000 van die bevolking. Incidence Rate per 100,000 of the Popu- lation.
BLANKES.—EUROPEANS.														
Kaap—Cape.....	27	131	64	52	33	307	30.73	4	6	5	6	7	28	2.80
Natal.....	17	99	81	42	49	288	92.60	1	4	3	3	7	18	5.79
Transvaal.....	46	348	250	171	88	903	67.19	5	32	14	13	12	76	5.65
Oranje-Vrystaat—Orange Free State.....	8	55	37	28	12	140	55.34	4	10	1	6	8	29	11.46
UNIE—UNION.....	98	633	432	293	182	1,638	56.35	14	52	23	28	34	151	5.19
NATURELLE.—NATIVES.†														
Kaap—Cape.....	108	287	45	21	12	473	17.86	5	11	—	—	—	16	7.17
Natal.....	12	81	18	16	12	139	7.26	—	2	—	—	—	2	0.93
Transvaal.....	74	378	55	28	16	551	14.30	10	22	5	—	—	37	2.45
Oranje-Vrystaat—Orange Free State.....	23	117	30	19	16	205	23.09	1	4	—	—	1	6	8.45
UNIE—UNION.....	217	863	148	84	56	1,368	14.70	16	39	5	—	1	61	3.03
ASIATIE.—ASIATICS.														
Kaap—Cape.....	—	1	—	—	—	1	5.00	—	—	1	—	—	1	5.00
Natal.....	5	28	6	1	—	40	11.63	1	3	1	—	—	5	1.45
Transvaal.....	2	12	3	2	—	19	33.33	—	—	—	—	—	—	—
Oranje-Vrystaat—Orange Free State.....	—	—	—	—	—	—	†	—	—	—	—	—	—	—
UNIE—UNION.....	7	41	9	3	—	60	14.25	1	3	2	—	—	6	1.43
KLEURLINGE.—COLOUREDS.														
Kaap—Cape.....	40	145	12	9	3	209	18.40	4	10	—	2	1	17	1.50
Natal.....	11	15	1	—	—	27	69.23	2	—	—	—	—	2	5.13
Transvaal.....	9	27	6	2	1	45	49.45	1	2	—	—	—	3	3.30
Oranje-Vrystaat—Orange Free State.....	—	2	—	—	—	2	13.33	—	—	—	—	—	—	—
UNIE—UNION.....	60	189	19	11	4	283	22.09	7	12	—	2	1	22	1.72

\* Sluit gevalle in waar ouderdom nie genoem is nie.  
 † Figures for Native deaths relate to the principal urban areas only.  
 ‡ Bevolking te klein om 'n betroubare voorkomsyfer te bereken.  
 †† Population too small to calculate reliable rate.

† Syfers vir Naturelesterfgevälle het slegs op die vernamekste stedelike gebiede betrekking.  
 † Figures for Native deaths relate to the principal urban areas only.  
 ‡ Bevolking te klein om 'n betroubare voorkomsyfer te bereken.  
 †† Population too small to calculate reliable rate.

TABEL 17 (d).—AKUTE POLIOMIELITIS: STERFGEVALLE VOLGENS MAAND // TABLE 17 (d).—ACUTE POLIOMYELITIS: DEATHS BY MONTH DURING GEDURENDE DIE JAAR GEËINDIG 31 DESEMBER 1956. // THE YEAR ENDED THE 31ST DECEMBER, 1956.

Gebied. Area.	Maand en geslag.—Month and Sex.												Totaal. Total.															
	Januarie. January.		Februarie. February.		Maart. March.		April.		Mei. May.		Junie. June.			Julie. July.		Augustus. August.		September.		Oktober. October.		November.		Desember. December.				
	M.	V.	M.	V.	M.	V.	M.	V.	M.	V.	M.	V.		M.	V.	M.	V.	M.	V.	M.	V.	M.	V.	M.	V.	M.	V.	
BLANKES.—EUROPEANS.																												
Stedelik—Urban.....	1	2	5	1	9	1	5	9	7	9	5	6	2	4	4	2	3	2	5	2	3	7	9	8	73	47	120	
Plattelands—Rural...	1	—	—	—	2	1	—	1	4	2	2	1	—	—	2	—	—	2	—	—	—	6	2	4	10	21	31	
TOTAAL—TOTAL.....	2	2	5	1	9	3	12	5	10	11	7	7	2	4	6	2	4	7	2	2	3	13	11	12	83	68	151	
ASIATE.—ASIATICS.																												
Stedelik—Urban.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Plattelands—Rural...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
TOTAAL—TOTAL.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
KLEURLINGE.—COLOUREDS.																												
Stedelik—Urban.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Plattelands—Rural...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
TOTAAL—TOTAL.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
NATURELLE.—NATIVES.*																												
Stedelik—Urban.....	1	—	1	2	3	1	9	1	11	7	6	3	1	2	2	—	—	—	—	—	—	—	—	—	—	—	—	—
Plattelands—Rural...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
TOTAAL—TOTAL.....	1	—	1	2	3	1	9	1	11	7	6	3	1	2	2	—	—	—	—	—	—	—	—	—	—	—	—	—
TOTAAL (ALLE RASSE).—TOTAL (ALL RACES).																												
Stedelik—Urban.....	2	2	6	3	12	2	21	6	22	14	15	9	9	6	7	5	3	3	7	4	9	9	14	14	127	77	204	
Plattelands—Rural...	1	—	—	—	1	2	1	—	2	4	2	2	1	—	—	2	—	1	2	—	—	7	2	6	12	24	36	
TOTAAL—TOTAL.....	3	2	6	3	13	4	22	6	24	18	17	11	10	6	7	7	3	4	9	4	9	16	16	20	139	101	240	

\* Syfers vir Naturelesterfvalle het slegs op die vermaamste stedelike gebiede betrekking.  
 \* Figures for Native deaths relate to the principal urban areas only.

TABEL 18 (a).—HONSDOLHEID: MENSLIKE KONTAKTE EN VERSPREIDING DAARVAN, 1 JANUARIE 1952 TOT 31 DESEMBER 1956.

TABLE 18 (a).—RABIES: HUMAN CONTACTS AND DISTRIBUTION THEREOF, 1st JANUARY, 1952 TO 31st DECEMBER, 1956.

Distrik. District.	1952.		1953.		1954.		1955.		1956.	
	Blankes. Whites.	Nie-blankes. Non-whites.	Blankes. Whites.	Nie-blankes. Non-whites.	Blankes. Whites.	Nie-blankes. Non-whites.	Blankes. Whites.	Nie-blankes. Non-whites.	Blankes. Whites.	Nie-blankes. Non-whites.
Transvaal—										
Barberton.....	—	—	—	—	3	—	—	—	—	—
Bloemhof.....	—	—	—	—	—	—	1	—	—	—
Bronkhorstspuit.....	—	—	—	—	1	—	—	—	—	—
Carolina.....	—	—	—	—	—	—	1	4	—	—
Christiana.....	—	—	—	—	—	—	—	—	1	4
Delareyville.....	4	4	—	36	—	—	—	—	—	—
Ermelo.....	—	—	1	—	1	—	—	1	—	—
Heidelberg.....	1	1	—	—	—	—	—	—	—	—
Klerksdorp.....	2	2	—	1	—	—	—	—	—	—
Letaba.....	1	3	—	6	3	12	4	16	—	—
Lichtenburg.....	—	—	—	—	2	—	1	—	—	—
Nelspruit.....	—	—	—	—	3	1	—	—	—	—
Pelgrimsrus/Pilgrim's Rest.....	—	—	—	—	1	—	—	1	—	—
Potchefstroom.....	—	—	—	—	—	—	—	2	—	—
Potgietersrus.....	4	2	—	—	1	4	—	—	—	—
Pretoria.....	—	—	—	—	1	—	—	—	—	—
Schweizer-Reneke.....	—	—	—	—	—	—	—	—	1	—
Sibasa.....	—	—	—	—	—	4	—	—	—	—
Soutpansberg.....	6	10	—	12	2	—	1	1	4	37
Ventersdorp.....	—	—	—	—	1	—	—	—	—	—
Wolmaransstad.....	3	1	—	—	—	—	—	—	—	1
Oranje-Vrystaat—Orange Free State—										
Bloemfontein.....	—	—	—	—	—	—	2	—	—	—
Boshof.....	—	—	—	—	—	7	—	—	—	—
Edenburg.....	—	2	—	—	3	1	1	2	—	—
Fauresmith.....	—	—	—	—	1	3	—	1	1	—
Frankfort.....	—	—	—	—	—	—	—	1	—	—
Harrismith.....	—	—	—	—	—	—	—	2	—	—
Hoopstad.....	—	—	—	16	—	—	—	3	—	—
Jacobsdal.....	2	—	—	—	—	—	—	—	—	—
Koppies.....	1	—	—	—	—	1	—	—	—	—
Kroonstad.....	—	—	2	2	2	2	—	—	6	—
Lindley.....	1	1	—	—	—	—	—	—	1	4
Marquard.....	—	—	—	—	3	5	—	1	—	1
Odendaalsrus.....	—	—	—	—	2	4	—	—	—	—
Philippolis.....	2	—	—	—	—	—	—	—	—	—
Thaba Nchu.....	—	—	—	—	1	3	—	—	—	—
Ventersburg.....	—	—	—	—	—	—	1	—	—	—
Winburg.....	—	—	—	—	—	1	—	—	—	—
Kaapprovinsie—Cape Province—										
Albert.....	—	—	1	—	—	1	—	—	—	—
Kimberley.....	—	—	—	—	1	—	—	—	—	—
Kuruman.....	—	—	—	—	1	—	1	—	—	—
Mafeking.....	—	—	18	18	1	—	1	—	—	—
Maraisburg.....	—	—	—	—	—	—	—	—	—	2
Middelburg.....	—	1	—	—	—	—	—	—	—	—
Prieska.....	1	—	—	—	1	—	—	1	—	—
Venterstad.....	—	—	—	—	—	—	1	—	—	—
Vryburg.....	5	—	12	19	2	—	6	2	4	2
Williston.....	1	—	—	—	—	—	—	—	—	—

TABEL 18 (b).—HONSDOLHEID: BEKENDE GETAL GEVALLE EN DIERE VERANTWOORDELIK VIR OORDRAGING, JAAR GEEÏNDIG 31 DESEMBER 1956.

TABLE 18 (b).—RABIES: KNOWN NUMBER OF CASES AND ANIMALS RESPONSIBLE FOR TRANSMISSION, YEAR ENDED THE 31st DECEMBER, 1956.

Bekende getal gevalle van Hondsdolheid (Mense). Known Number of Cases of Rabies (Humans).	Diere verantwoordelik vir oordraging. Animals responsible for transmission.
Geen.—None.	Geen.—None.

TABEL 19.—POKKIES: PROVINSIALE VOORKOMSSYFER, 1 JANUARIE 1952 TOT 31 DESEMBER 1956.

Provinsie. Province.	1952.	1953.	1954.	1955.	1956.
Kaap—Cape.....	2	3	1	7	1
Natal.....	—	—	—	1	3
Transvaal.....	74	9	6	19	—
Oranje-Vrystaat—Orange Free State.....	4	2	—	—	—
	80	14	7	27	4

TABLE 19.—SMALLPOX: PROVINCIAL INCIDENCE OF CASES, 1ST JANUARY, 1952 TO 31ST DECEMBER, 1956.

TABEL 20 (a).—TUBERKULOSE: STERFGEVALLE VOLGENS RAS IN OUDERDOMS- EN GESLAGSGROEPE, JAAR GEËINDIG 31 DESEMBER 1956.

TABLE 20 (a).—TUBERCULOSIS: DEATHS BY RACE, IN AGE AND SEX GROUPS, YEAR ENDED 31ST DECEMBER, 1956.

Ouderdomsgroep in Jare. Age Group in Years.	Tuberkulose van die Asemhalingsorgane. Respiratory Tuberculosis.			Tuberkulose—Ander Vorms. Tuberculosis—Other Forms.			Alle Vorms. All Forms.		
	Manlik. Male.	Vroulik. Female.	Totaal. Total.	Manlik. Male.	Vroulik. Female.	Totaal. Total.	Manlik. Male.	Vroulik. Female.	Totaal. Total.
BLANKES.—EUROPEANS.									
0-4.....	1	1	2	10	4	14	11	5	16
5-14.....	—	1	1	—	—	—	—	1	1
15-24.....	2	4	6	—	2	2	2	6	8
25-34.....	4	15	19	—	1	1	4	16	20
35-44.....	17	8	25	3	1	4	20	9	29
45-54.....	35	12	47	2	2	4	37	14	51
55-64.....	43	12	55	3	1	4	46	13	59
65-74.....	24	8	32	3	2	5	27	10	37
75-84.....	12	1	13	2	—	2	14	1	15
85+.....	—	1	1	—	—	—	—	1	1
TOTAAL—TOTAL.....	138	63	201	23	13	36	161	76	237
KLEURLINGE.—COLOUREDS.									
0-4.....	157	135	292	132	106	238	289	241	530
5-14.....	37	32	69	22	27	49	59	59	118
15-24.....	79	94	173	5	8	13	84	102	186
25-34.....	129	117	246	4	5	9	133	122	255
35-44.....	125	81	206	7	3	10	132	84	216
45-54.....	116	41	157	6	1	7	122	42	164
55-64.....	113	37	150	3	1	4	116	38	154
65-74.....	72	14	86	1	1	2	73	15	88
75-84.....	25	11	36	—	—	—	25	11	36
85+.....	4	5	9	1	—	1	5	5	10
Ongespesifiseer—Unspecified.....	1	—	1	—	—	—	1	—	1
TOTAAL—TOTAL.....	858	567	1,425	181	152	333	1,039	719	1,758
ASIATE.—ASIATICS.									
0-4.....	1	8	9	5	5	10	6	13	19
5-14.....	1	2	3	1	3	4	2	5	7
15-24.....	5	2	7	1	5	6	6	7	13
25-34.....	8	8	16	—	4	4	8	12	20
35-44.....	6	6	12	1	1	2	7	7	14
45-54.....	4	3	7	3	—	3	7	3	10
55-64.....	5	3	8	—	—	—	5	3	8
65-74.....	6	1	7	—	—	—	6	1	7
75-84.....	2	—	2	—	—	—	2	—	2
85+.....	—	—	—	—	—	—	—	—	—
TOTAAL—TOTAL.....	38	33	71	11	13	29	49	51	100

TABEL 20 (b).—TUBERKULOSE: VORMS WAT DIE DOOD VEROORSAAK HET BY KINDERS ONDER DIE OUDERDOM VAN VYF JAAR, JAAR GEEÏNDIG 31 DESEMBER 1956. TABLE 20 (b).—TUBERCULOSIS: FORMS CAUSING DEATH IN CHILDREN UNDER FIVE YEARS OF AGE, YEAR ENDED THE 31ST DECEMBER, 1956.

Doodsoorsaak.—Cause of Death.	Blankes. Europeans.			Kleurlinge. Coloureds.			Asiate. Asiatics.		
	Manlik. Male.	Vroulik. Female.	Totaal. Total.	Manlik. Male.	Vroulik. Female.	Totaal. Total.	Manlik. Male.	Vroulik. Female.	Totaal. Total.
	002 Longtuberkulose—Pulmonary tuberculosis.....	1	1	2	157	135	292	1	8
005 Tuberkulose van lugpyp-bronchiale klier.—Tracheo bronchial glandular tuberculosis.....	—	—	—	—	—	—	—	—	—
010 Tuberkulose van harsingvliese en sentrale senuweestelsel—Tuberculosis of meninges and central nervous system.....	7	4	11	91	69	160	5	3	8
011 Tuberkulose van ingewande, buikvlies en dermskeilklere—Tuberculosis of intestines, peritoneum and mesenteric glands.....	—	—	—	4	1	5	—	—	—
012 Tuberkulose van bene en gewrigte—Tuberculosis of bones and joints.....	—	—	—	1	—	1	—	—	—
015 Tuberkulose van limfklierstelsel—Tuberculosis of lymphatic system.....	—	—	—	—	2	2	—	—	—
016 Tuberkulose van urogenitale stelsel—Tuberculosis of genito-urinary system.....	—	—	—	—	—	—	—	—	—
Tuberkulose van ander organe—Tuberculosis of other organs.....	—	—	—	—	1	1	—	—	—
019 Verspreide tuberkulose—Disseminated tuberculosis.....	3	—	3	36	33	69	—	2	2
Alle vorms van tuberkulose—All forms of tuberculosis.....	11	5	16	289	241	530	6	13	19

TABEL 21.—MAAGKOORS OF INGEWANDSKOORS: VERSPREIDING VAN GEVALLE EN STERFGEVALLE VOLGENS RAS EN GEBIED, AANGEMELD GEDURENDE DIE JAAR GEËINDIG 31 DESEMBER 1956.

TABLE 21.—TYPHOID OR ENTERIC FEVER: DISTRIBUTION OF CASES AND DEATHS, BY RACE AND AREA, REPORTED DURING THE YEAR ENDED 31st DECEMBER, 1956.

Provinsie. Province.	Gevalle.—Cases.		Sterfgevälle.—Deaths.*	
	Totaal. Total.	Jaarlikse voor- komssyfer per 100,000 van die bevolking. Annual incidence Rate per 100,000 of the Population.	Totaal. Total.	Sterfesyfer per 100,000 van die bevolking. Death Rate per 100,000 of the Population.
<b>BLANKES.—EUROPEANS.</b>				
Kaap—Cape.....	74	7·41	3	0·30
Natal.....	51	16·40	1	0·32
Transvaal.....	138	10·27	1	0·07
Oranje-Vrystaat—Orange Free State.....	15	5·93	—	—
<b>TOTAAL—TOTAL.....</b>	<b>278</b>	<b>13·79</b>	<b>5</b>	<b>0·17</b>
<b>NATURELLE.—NATIVES.*</b>				
Kaap—Cape.....	460	17·37	9	4·04
Natal.....	962	50·23	18	8·41
Transvaal.....	1,269	32·93	49	3·25
Oranje-Vrystaat—Orange Free State.....	256	28·83	3	4·23
<b>TOTAAL—TOTAL.....</b>	<b>2,947</b>	<b>31·67</b>	<b>78</b>	<b>3·92</b>
<b>ASIATE.—ASIATICS.</b>				
Kaap—Cape.....	—	—	—	—
Natal.....	55	15·99	3	0·87
Transvaal.....	5	8·77	—	—
Oranje-Vrystaat—Orange Free State.....	—	—	—	—
<b>TOTAAL—TOTAL.....</b>	<b>60</b>	<b>14·25</b>	<b>3</b>	<b>0·71</b>
<b>KLEURLINGE.—COLOUREDS.</b>				
Kaap—Cape.....	292	25·70	26	2·29
Natal.....	10	25·64	—	—
Transvaal.....	12	13·19	2	2·20
Oranje-Vrystaat—Orange Free State.....	1	6·67	2	13·33
<b>TOTAAL—TOTAL.....</b>	<b>315</b>	<b>24·59</b>	<b>30</b>	<b>2·34</b>

\* Syfers vir Naturellesterfgevälle het slegs op die vernaamste stedelike gebiede betrekking.

\* Figures for Native deaths relate to the principal urban areas only.

TABEL 22 (a).—VLEKTIFUS: MAANDELIKSE VOORKOMSSYFER VOLGENS PROVINSIE, ALLE RASSE, JAAR GEËINDIG 31 DESEMBER 1956.

TABLE 22 (a).—TYPHUS: MONTHLY INCIDENCE BY PROVINCE, ALL RACES, YEAR ENDED THE 31ST DECEMBER, 1956.

Maand. Month.	Kaapprovinsie. Cape Province.		Natal.		Transvaal.		Oranje-Vrystaat. Orange Free State.		Unie. Union.	
	Gevalle. Cases.	Sterf- gevalle. Deaths.	Gevalle. Cases.	Sterf- gevalle. Deaths.	Gevalle. Cases.	Sterf- gevalle. Deaths.	Gevalle. Cases.	Sterf- gevalle. Deaths.	Gevalle. Cases.	Sterf- gevalle. Deaths.
Januarie—January	4	—	1	—	—	—	—	—	5	—
Februarie—February	7	—	—	—	—	—	—	—	7	—
Maart—March	1	—	4	—	—	—	—	—	5	—
April	—	—	—	—	—	—	—	—	—	—
Mei—May	5	—	—	—	—	—	—	—	5	—
Junie—June	1	—	—	—	—	—	—	—	1	—
Julie—July	—	—	—	—	—	—	—	—	—	—
Augustus—August	—	—	—	—	—	—	—	—	—	—
September	2	—	—	—	—	—	—	—	2	—
Oktober—October	11	—	—	—	—	—	—	—	11	—
November	7	—	—	—	—	—	—	—	7	—
Desember—December	2	—	1	—	—	—	—	—	3	—
TOTAAL—TOTAL	40	—	6	—	—	—	—	—	46	—*

\* Syfers vir Naturellesterfgevalle het slegs op die vernaamste stedelike gebiede betrekking.

\* Figures for Native deaths relate to the principal urban areas only.

TABEL 22 (b).—VLEKTIFUS: GETAL GEVALLE IN DIE UNIE, ALLE RASSE, VAN 1933 TOT 1956.

TABLE 22 (b).—TYPHUS: NUMBER OF CASES IN THE UNION, ALL RACES, FROM 1933 TO 1956.

Tydperk, jaar geëindig 30 Junie. Period, year ended 30th June.	Kaap- provinsie. Cape Province.	Natal.	Transvaal.	Oranje- Vrystaat. Orange Free State.	Unie. Union.	
					Gevalle. Cases.	Sterfgevalle. Deaths.
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	—

\* Syfers vir Natusellesterfgevalle het slegs op die vernaamste stedelike gebiede betrekking.

\* Figures for Native deaths relate to the principal urban areas only.

TABEL 23 (a).—HAWENS VAN DIE UNIE: GE-  
SONDHEIDSMATREËLS, JAAR GEËINDIG  
31 DESEMBER 1956.

TABLE 23 (a).—PORTS OF THE UNION: HEALTH  
MEASURES, YEAR ENDED 31ST DECEM-  
BER, 1956.

Gesondheidsmaatreëls.—Health Measures.	Kaapstad. Cape Town.	Durban.	Port Elizabeth.	Oos-Londen. East London.	Totaal. Total.
1. Getal vaartuie wat hawe binnegekom het—Number of vessels that entered port.....	2,183	2,289	1,226	811	6,509
• Verkeersvergunning verleen—Pratique granted:—					
(a) Per radio—Per radio.....	1,051	1,209	79	9	2,348
(b) Na bestyging en inspeksie—After boarding and inspection	554	1,080	4	45	1,683
2. Getal gevalle van oordraagbare siektes waarmee gehandel— Number of cases of communicable diseases dealt with:—					
(a) Getal verdagte gevalle van aangeebare siektes—Number of suspected cases of notifiable diseases.....	24	28	1	—	53
(b) Getal verdagte gevalle van veneriese siektes—Number of suspected cases of venereal diseases.....	86	194	—	27	307
(c) Getal verdagte gevalle van ander oordraagbare siektes— Number of suspected cases of other communicable diseases	88	191	—	6	285
TOTAAL VAN (a), (b) EN (c)—TOTAL OF (a), (b) AND (c) ..	198	413	1	33	645
(d) Bevestigde getal gevalle van aangeebare siektes—Confirmed number of cases of notifiable diseases.....	24	28	1	—	53
(e) Bevestigde getal gevalle van veneriese siektes—Confirmed number of cases of venereal diseases.....	86	194	4	27	311
(f) Bevestigde getal gevalle van ander oordraagbare siektes— Confirmed number of cases of other communicable diseases	88	191	15	6	300
TOTAAL VAN (d), (e) EN (f)—TOTAL OF (d), (e) AND (f)	198	413	20	33	664
Getal skepe betrokke—Number of ships involved.....	65	90	9	14	178
3. Spesiale maatreëls getref—Special measures taken:—					
(a) Getal persone aan wal gebring en afgesonder—Number of persons landed and isolated.....	7	39	1	—	47
(b) Getal persone aan boord afgesonder—Number of persons isolated on board.....	63	17	9	6	95
TOTAAL VAN (a) EN (b)—TOTAL OF (a) AND (b).....	70	56	10	6	142
Vaartuie ontsmet—Vessels disinfected.....	48	84	1	2	135
Besendings goedere afgekeur—Consignments of goods con- demned.....	24	110	51	—	185
Besendings goedere ontsmet—Consignments of goods disinfected	2	72	—	2	76
Getal voertuie ontrot—Number of vessels deratted.....	45	84	—	—	129
Getal ontrottingsvrystellingsertifikate uitgereik—Number of deratisation exemption certificates issued.....	42	112	6	2	162
Getal knaagdiere op vaartuie doodgemaak—Number of rodents destroyed on vessels.....	47	534	—	48	629
Getal knaagdiere in hawegebied doodgemaak—Number of rodents destroyed in dock area.....	1,943	4,349	882	1,223	8,397
Getal inspuitings of inentings deur die Hawegesondheidsbeampte gedoen ten opsigte van—Number of inoculations or vacci- nations performed by the Port Health Officer in respect of:—					
Geelkoors—Yellow fever.....	2,209	5,753	1,202	24	9,188
Pökkies—Smallpox.....	472	1,002	983	4	2,461
Tifoide-Paratifoide—Typhoid-Paratyphoid.....	210	158	10	—	378
Tifoide-Paratifoide-Cholera—Typhoid-Paratyphoid-Cholera..	—	545	73	—	618
Vlektifus—Typhus.....	2	28	—	—	30
Cholera.....	318	727	55	—	1,100
TOTAAL—TOTAL.....	3,211	8,213	2,323	28	13,775

TABEL 23 (b).—MAANDELIKSE TOTALE VAN VLIEGTUIE WAT VAN BUIITE DIE UNIE BY DIE KWARENTYNLUGHAWENS VAN DIE UNIE AANGEKOM HET, JAAR GEËINDIG 31 DESEMBER 1956.

TABLE 23 (b).—MONTHLY TOTALS OF AIRCRAFT ARRIVING FROM OUTSIDE THE UNION AT THE SANITARY AIRPORTS OF THE UNION, YEAR ENDED 31ST DECEMBER, 1956.

Maand.—Month.	Jan Smuts-Lughawe. Jan Smuts Airport.
Januarie—January.....	78
Februarie—February.....	75
Maart—March.....	96
April.....	108
Mei—May.....	107
Junie—June.....	97
Julie—July.....	114
Augustus—August.....	107
September.....	123
Oktober—October.....	119
November.....	106
Desember—December.....	113
<b>TOTAAL VIR JAAR—TOTAL FOR YEAR.....</b>	<b>1,243</b>

TABEL 23 (c).—JAARLIKSE TOTALE VAN VLIEGTUIE WAT VAN BUIITE DIE UNIE BY DURBANSE LUGHAWENS AANGEKOM HET GEDURENDE DIE JARE 1952 TOT 1956.

TABLE 23 (c).—ANNUAL TOTALS OF AIRCRAFT ARRIVING FROM OUTSIDE THE UNION AT DURBAN AIRPORTS DURING THE YEARS 1952 TO 1956.

Jaar.—Year.	Totaal.—Total.
1952.....	155
1953.....	205
1954.....	312
1955.....	378
1956.....	327

TABEL 24 (a).—DISTRIKSVERPLEEGDIENSTE: GENTAL VERPLEEGSTERS, VROEDVROU EN NIE-BLANKE VERPLEEGASSISTENTE OP 31 DESEMBER 1956, TEN OPSIGTE VAN WIE SUBSIDIES OF GEDEELTELIKE TERUGBETALING VAN SALARISSE BETAAL IS, VERGELYK MET DIE TOTALE SOOS OP 31 DESEMBER 1935.

TABLE 24 (a).—DISTRICT NURSING SERVICES: NUMBER OF NURSES, MIDWIVES AND NON-EUROPEAN NURSING ASSISTANTS AS AT THE 31ST DECEMBER, 1956, IN RESPECT OF WHOM SUBSIDIES OR PART-REFUND OF SALARIES ARE PAID, COMPARED WITH THE TOTALS AS AT THE 31ST DECEMBER, 1935.

Ras. Race.	Gedeeltelike terugbetalings aan Plaaslike Besture en Liefdadigheidsorganisasies kragtens Artikel 14 (a). Part-refunds to Local Authorities and Charitable Organisations under Section 14 (a).					
	1935.	1952.	1953.	1954.	1955.	1956.
Blankes—Europeans.....	23	212	180	155	201	192
Naturelle—Natives.....	2	255	314	258	385	413
Kleurlinge—Coloureds.....	—	66	88	61	90	98
ALLE RASSE—ALL RACES.....	25	533	582	474	676	703
Ras. Race.	Subsidies aan Private Verpleegsters en Vroedvroue kragtens Artikel 14 (c) [voor 1953, Artikel 14 (b)]. Subsidies to Private Nurses and Midwives under Section 14 (c) [prior to 1953, Section 14 (b)].					
	1935.	1952.	1953.	1954.	1955.	1956.
Blankes—Europeans.....	7	9	3	2	11	5
Naturelle—Natives.....	—	—	—	—	—	—
Kleurlinge—Coloureds.....	1	1	—	—	—	—
ALLE RASSE—ALL RACES.....	8	10	3	2	11	5
Ras. Race.	Gedeeltelike terugbetalings aan Liefdadigheidsorganisasies, Beheerliggame van Sendinghospitale, en Wetlike Naturelleliggame in Naturellegebiede, kragtens Artikel 15 (a). Part-refunds to Charitable Organisations, Bodies Controlling Mission Hospitals and Statutory Native Bodies in Native Areas under Section 15 (a).					
	1935.	1952.	1953.	1954.	1955.	1956.
Blankes—Europeans.....	—	16	12	16	7	9
Naturelle—Natives.....	11	205	204	196	236	253
Kleurlinge—Coloureds.....	—	4	3	3	7	—
ALL RASSE—ALL RACES.....	11	225	219	215	250	262
Ras. Race.	Subsidies aan Private Verpleegsters en Vroedvroue in Naturellegebiede kragtens Artikel 15 (c) [voor 1953, Artikel 15 (b)]. Subsidies to Private Nurses and Midwives in Native Areas under Section 15 (c) [prior to 1953, Section 15 (b)].					
	1935.	1952.	1953.	1954.	1955.	1956.
Blankes—Europeans.....	—	—	—	—	—	—
Naturelle—Natives.....	3	30	12	14	12	11
Kleurlinge—Coloureds.....	—	—	—	—	—	—
ALLE RASSE—ALL RACES.....	3	30	12	14	12	11
Ras. Race.	Gedeeltelike terugbetalings aan Provinsiale Administrasies kragtens Artikel 13. Part-refunds to Provincial Administrations under Section 13.					
	1935.	1952.	1953.	1954.	1955.	1956.*
Blankes—Europeans.....	—	92	65	93	132	—
Naturelle—Natives.....	—	25	10	11	16	—
Kleurlinge—Coloureds.....	—	—	25	31	58	—
ALLE RASSE—ALL RACES.....	—	117	100	135	206	—

\* Finansiële verantwoordelikheid is deur die betrokke Provinsiale Administrasies oorgeneem.  
\* Financial responsibility has been taken over by the Provincial Administrations concerned.

TABEL 24 (b).—VERPLEEGINRIGTINGS BY DIE DEPARTEMENT GEREGISTREER, GETAL BEDDENS BESKIKBAAR EN PERSONEEL VAN VERPLEEGINRIGTINGS OP 31 DESEMBER 1956.

TABLE 24 (b).—NURSING HOMES REGISTERED WITH THE DEPARTMENT, BED ACCOMMODATION AVAILABLE AND PERSONNEL OF NURSING HOMES AS AT THE 31st DECEMBER, 1956.

Besonderhede.—Particulars.	Transvaal.		Oranje-Vrystaat. Orange Free State.	
	Blank. European.	Nie-Blank. Non-European.	Blank. European.	Nie-Blank. Non-European.
Verpleeginrigtings by die Departement geregistreer—Nursing Homes Registered with the Department.....	99	9	22	—
Getal beddens beskikbaar:— Bed accommodation available:—				
Beddens—Beds.....	2,185	316	94	—
*Wiegies—Cots.....	579	94	60	—

\* Vir pasget-ore babas.  
\* For new-born babies.

TABEL 25 (a).—LABORATORIUMS VIR PATOLOGIE: ONTLEDINGS EN ONDERSOEKE, JAAR GEËINDIG 31 DESEMBER 1956.

Besonderhede.—Particulars.	Staatslaboratoriums. Government Laboratories.		Suid-Afrikaanse Instituut vir Mediese Navorsing. South African Institute for Medical Research.			
	Kaapstad. Cape Town.	Durban.	Johannesburg.	Port Elizabeth.	Bloemfontein.	Kroonstad.
Monsters ondersoek vir—Specimens examined for:—						
(a) Staatsdepartement—Government Departments—						
Landbou—Agriculture.....	—	—	—	—	—	—
Doeane en Aksyns—Customs and Excise.....	1,072	1,905	—	121	364	—
Verdediging (en Vloot)—Defence (and Navy).....	—	579	—	—	—	—
Onderwys—Education.....	—	—	—	—	—	—
Finansies—Finance.....	—	—	—	—	—	—
Gesondheid (met inbegrip van Leprose-inrigtings en Sieliesekehospitale)—Health (including Lepros Institutions and Mental Hospitals).....	7,397	46,007	204,515	21,459	27,481	7,519
Binnelandse Sake—Interior.....	—	—	—	—	—	—
Justisie (met inbegrip van Gevangenis)—Justice (including Prisons).....	973	3,051	7,369	701	446	46
Mynwese (met inbegrip van Myntering)—Mines (including Miner's Phthisis).....	—	—	68,987	—	6,823	1,319
Naturelesake—Native Affairs.....	—	—	—	—	—	—
Publieke Werke—Public Works.....	—	—	—	—	—	—
Suid-Afrikaanse Spoorweë en Hawens—South African Railways and Harbours.....	—	1,720	—	—	—	—
Ander (insluitende Doeane en Aksyns, Binnelandsake, Landbou, Polisie, Besproeiing, S.A.S., ens.)—Others (including Customs and Excise, Interior, Agriculture, Police, Irrigation, S.A.R., etc.).....	—	—	9,537	353	2,269	56
TOTAAL—TOTALS.....	9,442	53,262	301,886	22,634	37,383	8,940
(b) Algemene Hospitale (Provinsiaal)—General Hospitals (Provincial).....	5,529	2,112	615,699	78,582	27,524	6,244
(c) Plaaslike Besture—Local Authorities.....	61,212	14,725	186,666	43,482	4,431	5,391
(d) Geneesherse en lede van die Publik—Medical Practitioners and Members of the Public.....	8,709	66,959	105,475	32,944	—	—
(e) Ander Regerings en ander Administrasies—Other Governments and other Administrations.....	—	—	12,640	10,331	—	—
(f) Ander—Others.....	1,051	—	83,447	32,944	—	—
TOTAAL—TOTALS.....	76,501	83,796	1,003,927	198,283	31,955	11,635
Fabrikate en uitreikings—Manufactures and Issues:—						
Outogene Entstowwe—Autogenous Vaccines.....	—	—	407	155	50	4
Bakteriese Entstowwe—Bacterial Vaccines.....	—	—	—	—	—	—
Entstof teen Hondsdolheid—Anti-Rabic Vaccine.....	63,588	—	—	—	—	—
Tuberkuliëverduunnings—Tuberculin Dilutions.....	—	—	18,861	2,734	—	—
Serums (verskillende) Bakteriese Filtrate—Sera (Various) Bacterial Filtrates.....	—	—	29,557	—	—	—
Serums (ampulle)—Sera (ampoules).....	—	—	302,556	—	—	—
Chaulmoogra-olie—Chaulmoogra Oil Preparations.....	—	—	—	—	—	—
Linf (uitgereik)—Lymph (issued).....	74,874	—	951,250	4,800	5,000	1,200
Kuikenvlieslimf (voorhande)—Chicken Membrane Lymph (on hand).....	—	—	—	—	—	—
Ander doosise (mond)—Other (oral) dosis.....	—	—	—	—	—	—
Melkkulture—Milk Cultures.....	—	—	—	—	—	—
Menslike bloed verwerk—Human blood processed.....	—	—	—	—	—	—
Nat bottels vir volbloed voorberei—Wet bottles prepared for whole blood.....	—	—	—	—	—	—
Serum geskei van bloed—Serum separated from blood.....	—	—	—	—	—	—
Ander Entstowwe—Other Vaccines.....	—	—	2,388,314	—	—	—

\* Sien „Ander“.  
\* See „Others“.

TABEL 25 (b).—LABORATORIUMS VIR PATOLOGIE: GETAL ONDERSOEKE UITGEVOER, GEDURENDE DIE JAAR GEËINDIG 31 DESEMBER 1956.

Laboratorium. Laboratory.	Werk vir Staats- departemente gedoen. Work done on behalf of Govern- ment Departments.	Werk vir ander gedoen. Work done on behalf of others.	Totale getal monsters. Total Specimens.
Johannesburg.....	301,886	1,003,927	1,305,813
Kaapstad—Cape Town.....	9,442	76,501	85,943
Durban.....	53,262	83,796	137,058
Port Elizabeth.....	22,634	165,339	187,973
Bloemfontein.....	37,383	31,955	69,338
Kroonstad.....	8,940	11,635	20,575
TOTAAL—TOTAL.....	433,547	1,373,153	1,806,700

TABLE 25 (b).—PATHOLOGICAL LABORATORIES: NUMBER OF EXAMINATIONS CARRIED OUT DURING THE YEAR ENDED THE 31ST DECEMBER, 1956.

TABEL 25 (c).—LABORATORIUMS VIR PATOLOGIE: AARD VAN ONDERSOEKE UITGEVOER, GEDURENDE DIE JAAR GEËINDIG 31 DESEMBER 1956.

Aard van Ondersoeke. Nature of Examinations.	Johannes- burg.	Kaapstad. Cape Town.	Durban.	Port Elizabeth.	Kroonstad.	Bloem- fontein.
Bepaalde siekte—Particular disease.....	233,856	43,484	18,140	93,778	8,493	33,411
Algemeen bakteriologies—General bacteriological..	76,036	6,698	8,259	8,325	1,124	4,103
Serologies—Serological.....	277,324	78,032	59,602	—	—	—
Parasitologies—Parasitological.....	18,283	335	49,216	639	123	1,005
Patologies—Pathological.....	48,167	5,552	4,496	68,749	6,662	21,067
Hematologies—Haematological.....	350,894	2,668	2,280	—	—	—
Skeikundig—Chemical.....	179,197	16,155	1,921	15,850	4,169	9,702
Diverse—Miscellaneous.....	122,056	965	57	632	—	—
TOTAAL—TOTAL.....	1,305,813	153,889	143,971	187,973	20,571	69,288

TABLE 25 (c).—PATHOLOGICAL LABORATORIES: NATURE OF EXAMINATIONS CARRIED OUT DURING THE YEAR ENDED THE 31ST DECEMBER, 1956.

TABEL 25 (d).—STAATSENTSTOFINSTITUUT, ROSEBANK, KAAPPROVINSIE: WERK UITGEVOER GEDURENDE DIE JAAR GEËINDIG 31 DESEMBER 1956.

Getal kalwers ingeënt—Number of calves vaccinated.....	167
Getal kalwers geslaag—Number of calves successful.....	165
Getal kalwers se limf afgekeur—Number of calves' lymph rejected.....	2
Hoeveelheid limf verkry van 165 kalwers—Amount of lymph obtained from 165 calves.....	186,660 c.c.
Gemiddelde hoeveelheid per geslaagde kalf—Average quantity per successful calf.....	1,131 c.c.
Gemiddelde getal buisies per geslaagde kalf—Average number of tubes per successful calf....	45,251
Gemiddelde waarde per geslaagde kalf teen 2d. per buisie—Average value per successful calf at 2d. per tube.....	£377. 1s. 10d.
Totale getal buisies gedurende jaar vervaardig—Total number of tubes manufactured during the year.....	7,466,400
Getal buisies gedurende die jaar uitgereik—Number of tubes issued during the year.....	7,498,874
Waarde van alle limf vervaardig teen 2d. per buisie—Value of all lymph manufactured at 2d. per tube.....	£62,220. 0s. 0d.
Waarde van limf gratis uitgereik, bereken teen 2d. per buisie—Value of lymph issued free at 2d. per tube.....	£25,097. 19s. 2d.
Getal buisies (ongeveer) voorhande einde Desember 1956—Number of tubes (approximate) on hand at end of December, 1956.....	15,180,000
Inkomste verkry uit verkope buite die Unie—Revenue received from sales outside the Union	£34,567. 13s. 0d.

TABLE 25 (d).—GOVERNMENT VACCINE INSTITUTE, ROSEBANK, CAPE PROVINCE: REPORT ON WORK CARRIED OUT DURING THE YEAR ENDED THE 31ST DECEMBER, 1956.

TABEL 25 (e).—STAATSENTSTOFINSTITUUT, ROSEBANK, KAAPPROVINSIE: LIMF IN DIE UNIE GRATIS UITGEREIK GEDURENDE DIE JAAR GEËINDIG 31 DESEMBER 1956.

Maand. Month.	Kaapprovinsie. Cape Province.	Transvaal.	Natal.	Oranje- Vrystaat. Orange Free State.	Maandelikse totaal. Monthly Total.
Januarie—January.....	26,014	136,285	14,500	8,750	185,549
Februarie—February.....	110,464	148,550	19,500	4,900	283,414
Maart—March.....	48,290	174,000	17,000	4,400	243,690
April.....	49,200	164,835	15,000	5,000	234,035
Mei—May.....	53,329	178,985	48,012	46,600	326,926
Junie—June.....	28,863	243,535	48,000	31,400	351,798
Julie—July.....	67,231	215,185	48,000	53,250	383,666
Augustus—August.....	76,016	202,085	47,000	21,400	346,501
September.....	68,524	113,977	15,000	27,500	225,001
Oktober—October.....	14,813	123,285	17,000	4,600	159,698
November.....	13,421	82,035	17,000	5,500	117,956
Desember—December.....	62,236	71,685	15,000	4,600	153,521
<b>TOTAAL—TOTAL.....</b>	<b>618,401</b>	<b>1,854,442</b>	<b>321,012</b>	<b>217,900</b>	<b>3,011,755</b>

TABLE 25 (e).—GOVERNMENT VACCINE INSTITUTE, ROSEBANK, CAPE PROVINCE: LYMPH ISSUED FREE IN THE UNION DURING THE YEAR ENDED THE 31st DECEMBER, 1956.

TABEL 25 (f).—STAATSENTSTOFINSTITUUT, ROSEBANK, KAAPPROVINSIE: VERKOPE VAN LIMF BUITE DIE UNIE GEDURENDE DIE JAAR GEËINDIG 31 DESEMBER 1956.

Maand. Month.	Enkeldosisbuisies teen 2d. elk. Single Dose Tubes at 2d. per tube.	Ampulle van 50 dosisse teen 7s. 6d. per ampul. Ampules of 50 doses each at 7s. 6d. per ampule.	Ampulle van 100 dosisse teen 14s. per ampul. Ampules of 100 doses each at 14s. per ampule.	Ampulle van 500 dosisse teen 63s. per ampul. Ampules of 500 doses each at 63s. per ampule.
Januarie—January.....	138,900	2,360	135	390
Februarie—February.....	118,714	3,018	80	30
Maart—March.....	93,706	1,805	70	—
April.....	100,678	2,520	40	—
Mei—May.....	96,519	2,120	75	—
Junie—June.....	116,520	3,174	20	—
Julie—July.....	119,668	6,100	—	—
Augustus—August.....	144,500	7,790	—	—
September.....	125,945	7,690	—	—
Oktober—October.....	147,776	9,410	—	—
November.....	137,644	5,940	—	—
Desember—December.....	84,199	4,280	—	—
<b>TOTAAL—TOTAL.....</b>	<b>1,424,769</b>	<b>56,207</b>	<b>420</b>	<b>420</b>

TABLE 25 (f).—GOVERNMENT VACCINE INSTITUTE, ROSEBANK, CAPE PROVINCE: LYMPH SOLD OUTSIDE THE UNION DURING THE YEAR ENDED THE 31st DECEMBER, 1956.

TABEL 25 (g).—STAATSENTSTOFINSTITUUT, ROSEBANK, KAAPPROVINSIE: TOTALE UITREIKINGS VAN LIMF GEDURENDE DIE JAAR GEËINDIG 31 DESEMBER 1956.

Gebied. Area.	Enkeldosis- buisies. Single Dose Tubes.	2-dosis- buisies. 2 dose Tubes.	Ampulle van 5 dosisse elk. Ampules of 5 doses each.	Ampulle van 50 dosisse elk. Ampules of 50 doses each.	Ampulle van 100 dosisse elk. Ampules of 100 doses each.	Ampulle van 250 dosisse elk. Ampules of 250 doses each.	Ampulle van 500 dosisse elk. Ampules of 500 doses each.
Kaapprovinsie—Cape Province.....	227,955	12,848	—	889	3,143	24	—
Transvaal.....	292,592	81,600	1,150	13,670	5,774	528	—
Natal.....	82,012	7,250	—	2,020	710	210	—
Oranje-Vrystaat—Orange Free State....	33,100	2,950	—	3,438	20	20	—
Buite die Unie—Outside the Union....	1,424,769	—	—	56,207	420	—	420
<b>TOTAAL—TOTALS.....</b>	<b>2,060,428</b>	<b>104,648</b>	<b>1,150</b>	<b>76,224</b>	<b>10,067</b>	<b>782</b>	<b>420</b>

TABLE 25 (g).—GOVERNMENT VACCINE INSTITUTE, ROSEBANK, CAPE PROVINCE: TOTAL ISSUES OF LYMPH DURING THE YEAR ENDED THE 31st DECEMBER, 1956.

TABEL 26.—WET OP VOEDINGSMIDDELS, MEDI-  
SYNE EN ONTSMETTINGSMIDDELS (WET  
No. 13 VAN 1929): MONSTERS VIR ONDER-  
SOEK OF ONTLEDING GENEEM EN DIE  
RESULTATE, JAAR GEËINDIG 31 DESEM-  
BER 1956.

TABLE 26.—FOOD, DRUGS AND DISINFECTANTS  
ACT (ACT No. 13 OF 1929): SAMPLES TAKEN  
FOR EXAMINATION OR ANALYSIS AND  
THE RESULTS, YEAR ENDED 31ST DECEM-  
BER, 1956.

Plek. Place.	Totaal geneem. Total taken.	Getal ontleed of ondersoek. Number Analysed or Examined.	Getal wat vervals, of verkeerd of vals omskryf, bevind is. Number found Adulterated or Incorrectly or Falsely Described.	Vervolgings. Prosecutions.	Veroordelings. Convictions.
Hawens van die Unie—Ports of the Union..	271	271	12	7	—
Kaapland-streek—Cape Region.....	2,305	2,305	137	123	94
Oos-Kaapland-streek—Cape Eastern Region	—	—	—	—	—
Suid-Transvaal-streek—Southern Transvaal Region.....	3,509	3,509	398	120	96
Noord-Transvaal-streek—Northern Trans- vaal Region.....	49	49	9	2	2
Natal-streek—Natal Region.....	673	673	32	11	11
Oranje-Vrystaatse en Noordwestelike Kaap- streek—Orange Free State and North West Cape Region.....	252	252	5	5	—
TOTAAL—TOTAL.....	7,059	7,059	593	268	203

TABEL 27 (a).—WET OP GENEESHERE, TAND-  
ARTSE EN APTEKERS (WET No. 13 VAN  
1928): VERVOLGINGS EN VEROORDE-  
LINGS KRAGTENS WETTE BETREFFENDE  
GEWOONTEVORMENDE MEDISYNE GE-  
DURENDE DIE JAAR GEËINDIG 31 DESEM-  
BER 1956.

TABLE 27 (a).—MEDICAL, DENTAL AND PHAR-  
MACY ACT (ACT No. 13 OF 1928): PROSE-  
CUTIONS AND CONVICTIONS UNDER LAWS  
RELATING TO HABIT-FORMING DRUGS  
DURING THE YEAR ENDED THE 31ST  
DECEMBER, 1956.

Provinsie en Besonderhede. Province and Particulars.	Blankes. Europeans.		Naturelle. Natives.		Asiate. Asiatics.		Kleurlinge. Coloureds.		Totaal. Total.	
	Ver- volgings. Prose- cutions.	Veroor- delings. Con- victions.	Ver- volgings. Prose- cutions.	Veroor- delings. Con- victions.	Ver- volgings. Prose- cutions.	Veroor- delings. Con- victions.	Ver- volgings. Prose- cutions.	Veroor- delings. Con- victions.	Ver- volgings. Prose- cutions.	Veroor- delings. Con- victions.
Kaap—Cape—										
Dagga.....	138	126	2,574	2,345	20	14	3,383	3,269	6,115	5,754
Ander gewoontevormende medisyne— Other habit-forming drugs.....	3	2	—	—	1	1	—	—	4	3
Natal—										
Dagga.....	76	68	3,928	3,665	508	474	231	217	4,743	4,424
Ander gewoontevormende medisyne— Other habit-forming drugs.....	—	—	—	—	2	2	—	—	2	2
Transvaal—										
Dagga.....	245	219	10,141	9,465	34	32	574	536	10,994	10,252
Ander gewoontevormende medisyne— Other habit-forming drugs.....	1	1	—	—	4	2	—	—	5	3
Oranje-Vrystaat—Orange Free State—										
Dagga.....	19	16	1,408	1,292	—	—	105	100	1,532	1,408
Ander gewoontevormende medisyne— Other habit-forming drugs.....	—	—	1	—	—	—	—	—	1	—
Unie—Union—										
Dagga.....	478	429	18,051	16,767	562	520	4,293	4,122	23,384	21,838
Ander gewoontevormende medisyne— Other habit-forming drugs.....	4	3	1	—	7	5	—	—	12	8

TABEL 27 (b).—REGULASIES OP TERAPEUTIESE STOWWE: LISENSIES UITGEREIK KRAGTENS DIE REGULASIES OP TERAPEUTIESE STOWWE GEDURENDE DIE JAAR GEËINDIG 31 DESEMBER 1956.

Besonderhede. Particulars.	Invoers- lisensies. Import Licences.	Vervaardigings- lisensies. Manufacturing Licences.	Vitamiën- permitte. Vitamin Permits.	Navorsings- lisensies. Research Licences.	Bloedver- werkingslisensies. Blood Processing Licences.
Getal lisensies—Number of Licences—					
Van krag—In force, 1/1/56.....	72	138	52	13	6
Uitgereik—Issued.....	18	8	4	—	2
Ingetrek—Cancelled.....	5	4	1	—	—
Van krag—In force, 31/12/56.....	85	142	55	13	8

TABLE 27 (b).—THERAPEUTIC SUBSTANCES REGULATIONS: LICENCES ISSUED UNDER THE THERAPEUTIC SUBSTANCES REGULATIONS DURING THE YEAR ENDED THE 31ST DECEMBER, 1956.

TABEL 27 (b) (vervolg).—BESONDERHEDE VAN VERVAARDIGINGSLIENSIES VAN KRAG OP 31 DESEMBER 1956.

TABLE 27 (b) (continued).—DETAILS OF MANUFACTURING LICENCES IN FORCE ON THE 31ST DECEMBER, 1956.

Antitoksiene en serums—Antitoxins and sera.....	82
Toksiene, antigene en entstowwe—Toxins, antigens and vaccines.....	82
Vitamiene—Vitamins.....	23
Antibiotiese middels—Antibiotics.....	15
Androgene en Estrogene—Androgens and oestrogens.....	18
Harsingslymklierekstrak—Pituitary extracts.....	1
Chirurgiese dermsnaar—Surgical catgut.....	1
Insulien—Insulin.....	2
TOTAAL—TOTAL.....	<u>224</u>

TABEL 27 (c).—ONDERSOEKE UITGEVOER KRAGTENS DIE REGULASIES OP TERAPEUTIESE STOWWE GEDURENDE DIE JAAR GEËINDIG 31 DESEMBER 1956.

TABLE 27 (c).—EXAMINATIONS CARRIED OUT UNDER THE THERAPEUTIC SUBSTANCES REGULATIONS DURING THE YEAR ENDED THE 31ST DECEMBER, 1956.

Produk. Product.	In die Unie vervaardig. Manufactured in the Union.	Ingevoer. Imported.	Getal onbevredigend. Number Unsatisfactory.
Bakteriese entstowwe—Bacterial vaccines.....	—	—	—
Schicktoetstoksien—Schick test toxin.....	—	—	—
Witseekeelvoorbehoedmiddel—Diphtheria prophylactic.....	—	—	—
Witseekeelantitoksien—Diphtheria antitoxin.....	—	—	—
Tetanusantitoksien—Tetanus antitoxin.....	—	—	—
Tuberkulien—Tuberculin.....	—	—	—
Arsfenamien en derivate—Arsphenamine and derivatives.....	—	—	—
Insulien—Insulin.....	—	1	—
Harsingslymklierekstrak—Pituitary extracts.....	—	—	—
Gesteriliseerde bande en hegmetaal—Sterilised ligatures and sutures.....	—	5	—
Geslagshormone—Sex hormones.....	1	1	—
Vitamiene en preparate—Vitamins and preparations.....	38	5	11
Antibiotiese middels—Antibiotics.....	23	65	7
Ander—Others.....	—	—	—
TOTAAL—TOTAL.....	62	77	18

TABEL 27 (d).—NARKOSEMIDDELS WAT IN DIE UNIE VAN SUID-AFRIKA INGEVOER IS (IN KILOGRAM), 1952-1956.

TABLE 27 (d).—NARCOTIC DRUGS IMPORTED INTO THE UNION OF SOUTH AFRICA, 1952-56 (IN KILOGRAMS).

Middel.—Drug.	1952.	1953.	1954.	1955.	1956.
Ru-opium—Raw Opium.....	302·750	323·331	466·741	448·112	416·061
Medisinal opium—Medical Opium.....	98·838	123·377	94·347	63·029	135·845
Opiumtinktuur en ekstrakte—Opium tincture and Extracts.....	59·346	98·667	93·807	242·404	73·880
Kokablare—Coca Leaves.....	—	—	—	—	—
Indiese Hennep—Indian Hemp.....	—	—	—	—	—
Indiese Hennep, Galeniese Middels—Indian Hemp, Galenicals-...	14·288	1·587	3·175	7·937	8·262
Indiese Hennepars—Indian Hemp Resin.....	—	—	—	—	—
Morfien—Morphine.....	36·367	28·705	38·585	42·284	29·323
Heroïen—Heroin.....	—	—	—	—	—
Ru-kokaïen—Crude Cocaine.....	—	—	—	—	—
Kokaïen—Cocaine.....	22·206	22·080	17·322	15·614	12·335
Eukodal—Eucodal.....	—	—	—	—	—
Disodid—Dicodide.....	—	—	0·110	0·015	—
Dilaudid—Dilaudide.....	—	—	0·004	—	—
Asedikoon—Acedicone.....	—	—	—	—	—
Kodeïen—Codeine.....	311·389	253·660	409·009	603·203	409·929
Dionien—Dionine.....	12·040	9·646	13·746	21·657	13·687
Petidien—Pethidine.....	149·553	89·035	134·395	396·392	186·553
Fenadoksoon—Phenadoxone.....	—	0·033	—	0·450	3·201
Metadoon—Methadone.....	1·537	1·245	3·118	3·333	0·512
Leverfanol—Levorphanol.....	0·061	0·171	0·199	0·205	0·078
Folkodien—Pholcodine.....	—	—	8·165	13·720	10·309
Tiamboteen—Thiambotene.....	—	—	—	—	0·127
Dieltiambuteen—Diethylthiambutene.....	—	—	—	—	0·256



