



UNIE VAN SUID-AFRIKA  
UNION OF SOUTH AFRICA

Jaarverslag  
van die  
Departement van Gesondheid  
Jaar geëindig 31 Desember 1958

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*Uitgegee op Gesag*

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Annual Report  
of the  
Department of Health  
Year ended 31st December, 1958

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*Published by Authority*

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**JAARVERSLAG**  
VAN DIE  
**DEPARTEMENT VAN**  
**GESONDHEID,**

JAAR GEËINDIG 31 DESEMBER 1958.

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 1958 in te dien.

DEPARTEMENT VAN GESONDHEID SOOS OP  
31 DESEMBER 1958.

Minister van Gesondheid: Sy Edele Dr. A. Hertzog.

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

Adjunk-hoofgesondheidsbeampte: Dr. B. M. Clark.

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

Ondersekretaris: Mnr. S. C. Schoeman.

Goedgekeurde diensstaat:—

<i>Afdeling.</i>	<i>Voltydse Poste.</i>	<i>Deeltydse Poste.</i>	
<b>Vakkundig—</b>			
Mediese Beamptes.....	229	38	
Distriksgeneeshere.....	59	386	
Ander.....	7	11	
		295	435
<b>Administratief.....</b>	70		
Tegnies.....	178		2
Klerklik.....	359		
<b>Algemeen—</b>			
Verpleging.....	2,188		
Ander.....	1,103		
Nie-blankes.....	4,560		
		7,851	
		<u>8,753</u>	<u>437</u>

**TUBERKULOSE.**

Die vordering wat op die gebied van tuberkulosebestryding gedurende 1957 gemeld is, is gedurende hierdie jaar ten volle gehandhaaf. Die getal beskikbare beddens vir hierdie pasiënte het met 'n verdere 4,243 toegeneem tot 'n groototaal van 19,782.

Die verspreiding van hierdie beddens oor die Unie is soos volg:—

Kategorie. Category.	Wes-Kaapland. Western Cape.	Oos-Kaapland. Eastern Cape.	Oranje-Vrystaat en Noord-Kaapland. Orange Free State and Northern Cape.	Natal.	Suid-Transvaal. Southern Transvaal.	Noord-Transvaal. Northern Transvaal.	Totaal. Total.
Uniegesondheidsdepartement—Union Health Department.....	581	852	260	1,763	1,190	84	4,730
Plaaslike Besture—Local Authorities.....	1,871	161	200	40	324	10	2,606
Sendingshospitale—Mission hospitals.....	—	475	110	1,706	—	1,701	3,992
S.A.N.T.A.....	1,662	1,188	358	685	1,604	640	6,137
Privaat—Private.....	—	—	25	14	1,928	350	2,317
<b>TOTAAL—TOTAL.....</b>	<b>4,114</b>	<b>2,676</b>	<b>953</b>	<b>4,208</b>	<b>5,046</b>	<b>2,785</b>	<b>19,782</b>

**ANNUAL REPORT**  
OF THE  
**DEPARTMENT OF HEALTH,**

YEAR ENDED 31st DECEMBER, 1958.

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, 1958.

DEPARTMENT OF HEALTH AS AT  
31st DECEMBER, 1958.

Minister of Health: Dr. the Hon. A. Hertzog.

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

Deputy Chief Health Officer: Dr. B. M. Clark.

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

Under Secretary: Mr. S. C. Schoeman.

Approved establishment:—

<i>Section.</i>	<i>Full-time Posts.</i>	<i>Part-time Posts.</i>	
<b>Professional—</b>			
Medical Officers.....	229	38	
District Surgeons.....	59	386	
Other.....	7	11	
		295	435
<b>Administrative.....</b>	70		
Technical.....	178		2
Clerical.....	359		
<b>General—</b>			
Nursing.....	2,188		
Other.....	1,103		
Non-Whites.....	4,560		
		7,851	
		<u>8,753</u>	<u>437</u>

**TUBERCULOSIS.**

The progress in the sphere of combating tuberculosis, which was reported during 1957, has been fully maintained during this year. The number of available beds for these patients has increased by an additional 4,243 to a grand total of 19,782.

The distribution of these beds throughout the Union is as follows:—



Oor die afgelope paar jaar toon die sterftesyfer 'n opvallende daling onder alle bevolkingsgroepe soos die volgende tabel aandui:—

Jaar.	Sterftesyfer per 100,000.		
	Blankes.	Kleurlinge.	Asiate.
1955.....	8·3	162·1	30·0
1956.....	8·1	137·3	24·0
1957.....	7·1	136·9	24·0
1958.....	7·2	127·6	21·5

Hierdie daling moet toegeskryf word aan doeltreffender behandeling, verbeterde en meer diagnostiese fasiliteite wat meebring dat daar in vroeër stadiums van die siekte vasgestel word wie tuberkuloselyers is en dat hulle gouer behandel word, en verbeterde algemene gesondheids-toestande.

In teenstelling met genoemde vordering wat gemaak is, het 'n nuwe probleem op die voorgrond getree, nl. dié van die chroniese tuberkuloselyer wat gedurig tuberkel-basille versprei en gevolglik ander persone aansteek. Meer en meer pasiënte word gevind by wie die tuberkel-basille 'n weerstand teen die gebruiklike middels ontwikkel het. Een van die oorsake van die probleem is die ongereelde behandeling wat baie van die buitepasiënte ontvang. Baie van hulle staak bywoning en daag net vir behandeling op wanneer hulle 'n heraanval van die siekte ondervind. Dit is 'n bewys van hoe noodsaaklik dit vir buitepasiënte is om onafgebroke die behandeling te volhou totdat die siekte volkome onder beheer is.

#### LEPROSE.

Sedert Leprosierade met kort tussenpose saamgeroep word, word pasiënte nou ontslaan sodra daar aan die kriteria voldoen is.

As gevolg van hierdie reëling en die moderne behandelingsmetodes word minder as die helfte van die beskikbare akkommodasie in die inrigtings te Mjanyana (Transkei), en te Mkambati (Pondoland) op die oomblik vir leprosepatiënte gebruik. Die leë afdeling in albei hierdie inrigtings is nou herskep vir die behandeling van pasiënte wat aan tuberkulose ly. Stappe word ook gedoen om die leë afdeling in die inrigting te Amatikulu (Zoeloeland) vir tuberkuloselyers te benuttig.

#### POLIOMIËLITIS EN VIRUSNAVORSING.

Die Direkteur van die Poliomiëlitisnavorsingstigting rapporteer oor die werk wat gedurende die jaar in sy Instituut verrig is, soos volg:—

##### 1. POLIOMIËLITIS.

Die aantal afsonderings van poliovirus wat gedurende die jaar gedoen is, is heelwat minder as dié gedurende 1957 toe 'n ernstige epidemie ten einde geloop het. Dit is interessant dat Tipe 3 die virus was wat die meeste gedurende die eerste helfte van die jaar afgesonder is, terwyl dit deur Tipe 2 gedurende die tweede helfte vervang is. Die wisselende oorheersing van die virus tipes is reeds voorheen opgemerk. Gedurende 1957 het ook twee golwe van infeksie gedurende dieselfde jaar voorgekom, die eerste ten gevolge van Tipe 1 en die daaropvolgende ten gevolge van Tipe 3-poliovirus. Dit is van besonder groot epidemiologiese belang.

Die Serologiese Eenheid het 'n aantal kinders wat twee jaar tevore teen poliomiëlitis met vaksien wat in Suid-Afrika vervaardig is, ingeënt was, vir hul immuniteit getoets. Van die 29 kinders wat getoets is, was almal teen twee of meer tipes van die virus immuun en 21 was teen al drie immuun.

Hierdie Eenheid het ook die toets van die krag van die vaksien onderneem en gedurende die jaar is 58 sulke toetse uitgevoer. Hiervan was 19 op afgewerkte vaksien.

During the past few years the death rate has shown a marked decline in all groups of the population, as the following table indicates:—

Year.	Mortality per 100,000.		
	Whites.	Coloureds.	Asiatics.
1955.....	8·3	162·1	30·0
1956.....	8·1	137·3	24·0
1957.....	7·1	136·9	24·0
1958.....	7·2	127·6	21·5

This decline must be ascribed to the more efficacious treatment, improved and increased diagnostic facilities leading to the detection and treatment of the patients in earlier stages of the disease, and to improved general health conditions.

In contrast with the progress mentioned, a new problem has emerged, namely that of the chronic tuberculosis sufferer who continues to disseminate tubercle bacilli and in consequence infects others. More and more patients are found in whom the tubercle bacilli have developed a resistance to the conventional drugs. One of the causes of the problem is the irregular treatment which many of the out-patients receive. Many of them discontinue attendance seeking help only when a relapse of the disease occurs. This proves how essential it is for out-patients to persevere uninterruptedly with the treatment until the disease has been completely controlled.

#### LEPROSY.

Since Leprosy Boards are convened at frequent intervals, patients are now discharged as soon as the criteria are met.

As a consequence of this arrangement and the modern methods of treatment, less than half the accommodation available in the institutions at Mjanyana (Transkei) and at Mkambati (Pondoland) is at present being used for leprosy patients. The vacant section in both these institutions has now been converted for the treatment of patients suffering from tuberculosis. Steps are also being taken to utilise the vacant section in the institution at Amatikulu (Zululand) for patients suffering from tuberculosis.

#### POLIOMYELITIS AND VIRUS RESEARCH.

The Director of the Poliomyelitis Research Foundation reports on the work performed during the year at his Institution as follows:—

##### 1. POLIOMYELITIS.

The number of poliovirus isolations made during the year was much less than in 1957, when a severe epidemic came to an end. It is of interest that Type 3 was the virus most frequently isolated in the first half of the year, to be superseded by Type 2 in the second half. The varying prevalence of the virus types has been noted before. During 1957, two waves of infection also occurred in the same year, the first due to Type 1 and the following due to Type 3 polio-virus. This is of considerable epidemiological interest.

The Serology Unit tested a number of children for their immunity who were vaccinated against poliomyelitis two years previously with vaccine made in South Africa. Of the 29 children tested, all were immune to two or more types of virus and 21 were immune to all three.

This Unit also undertook the potency testing of the vaccine, and during the year 58 such tests were carried out. Of these 19 were on finished vaccine.

Die volgende syfers weerspieël die vaksienposisie gedurende die jaar:—

Virusvloeistof geproduseer.....	5,208 liter.
Virusvloeistof bruikbaar.....	4,993 liter.
Virusvloeistof verwerk.....	3,600 liter.
Vaksien in ampulle.....	2,230,497 dosisse.
Vaksien vir gebruik vrygestel..	1,715,461 dosisse.
Vaksien uitgereik.....	860,798 dosisse.
Vaksien in voorraad.....	950,629 dosisse.
Vaksien wat op vrystelling wag	821,873 dosisse.

Die Veiligheidstoetsenheid vir Vaksien het monsters van 43 hoeveelhede poliovaksievloeistof in weefselkulture getoets. Verskeie toetse, wat elk ongeveer 30 dae duur, is op elke monster uitgevoer.

Met betrekking tot 'n lewendige avirulente virusvaksien is reëlins getref vir die vervaardiging van proefhoeveelhede van verswakte poliovirusstamme vir uitgebreide toetse in die laboratorium.

## 2. NIE-POLIOVIRUSSE.

'n Aantal nie-poliovirusse is boonop in weefselkulture afgesonder. Verskeie hiervan het geblyk Coxsackievirus te wees terwyl ander vermoedelik ECHO-virusse was.

Coxsackievirusse is by 35 pasiënte met 'n voorlopige diagnose van enkefalitis of aseptiese meningitis afgesonder. Een-en-twintig van hierdie virusse het tot Groep A en 14 tot Groep B behoort. Twee-en-vyftig Coxsackievirusse is by pasiënte met 'n verskeidenheid van simptome afgesonder. Die meerderheid was gevalle met 'n koors van onbekende oorsaak.

Gedurende Februarie en Maart het elf gevalle van goedaardige mialgiese enkefalomielitis (Yslandkoors) onder die personeel van die Vereenigingse Hospitaal voorgekom. Omvangryke virologiese ondersoeke is in diere en weefselkulture uitgevoer, maar geen aansteeklike organisme is gevind nie.

### (a) *Tragoom.*

Met die werk van die Tragoomviruseenheid is gedurende die jaar voortgegaan en 'n sistematiese ondersoek van smere en virus- en bakteriologiese kulture wat van verteenwoordigende gevalle in verskeie distrikte van Noord-Transvaal geneem is, is gedoen. Pogings om die tragoomvirus in weefselkulture af te sonder, was nie geslaagd nie.

### (b) *Griep.*

Die Respiratoriese Viruseenheid, wat as die Wêreldgesondheidsorganisasie se Streeksentrum vir die studie van griepuitbrekings in hierdie streek en die identifikasie van die oorsaaklike virusse verantwoordelik is, het monsters van keeluitspoelsels en keel- en neusdeppers van pasiënte ontvang om 'n virus te probeer afsonder, en ook bloed van akute en herstellende pasiënte vir die ondersoek van teenstowwe. Veertien stamme van griepvirus is afgesonder en hiervan was 11 Tipe A-Oosterse stamme en drie was Tipe B. Hierdie stamme het aansienlik van die voorheen afgesonderde B-stamme verskil.

Oosterse griepinfeksie was aanhoudend onder die Bantoe-arbeiders by die myne van die Witwatersrand aan die broei en bewyse van hierdie infeksie is elke maand ontvang. 'n Ligte epidemie het in Augustus onder die algemene bevolking voorgekom en Oosterse stamme is van tipiese gevalle afgesonder.

### (c) *Adenovirusse.*

Met antigeen wat in hierdie laboratorium berei is, is met 'n sistematiese serologiese ondersoek van 'n verteenwoordigende monster van Bantoemynwerkers begin om die relatiewe belangrikheid van adenovirusse as 'n oorsaak van respiratoriese siektes by die myne te bepaal. Hierdie ondersoek word voortgesit.

The following figures reflect the vaccine position during the year:—

Virus fluid produced.....	5,208 litres.
Virus fluid usable.....	4,993 litres.
Virus fluid processed.....	3,600 litres.
Vaccine ampouled.....	2,230,497 doses.
Vaccine released for issue.....	1,715,461 doses.
Vaccine issued.....	860,798 doses.
Vaccine on hand.....	950,629 doses.
Vaccine awaiting release.....	821,873 doses.

The Vaccine Safety Testing Unit tested samples from 43 lots of polio vaccine fluid in tissue culture. Several tests, each taking approximately 30 days, were carried out on every sample.

As regards a live avirulent virus vaccine, arrangements are in hand for the production of trial batches of attenuated poliovirus strains for extensive laboratory testing.

## 2. NON-POLIOVIRUSES.

In addition a number of non-polioviruses was isolated in tissue culture. Many of these proved to be Coxsackie virus while others were presumably ECHO viruses.

Coxsackie virus was isolated from 35 patients with a preliminary diagnosis of encephalitis or aseptic meningitis. Twenty-one of these viruses belonged to Group A and 14 to Group B. Fifty-two Coxsackie viruses were isolated from patients with a variety of symptoms, the majority being pyrexia of unknown origin.

During February and March 11 cases of benign myalgic encephalomyelitis (Iceland Fever) occurred among the staff of the Vereeniging Hospital. Extensive virological studies in animals and tissue cultures were carried out, but no infective agent was recovered.

### (a) *Trachoma.*

The work of the Trachoma Virus Unit was continued during the year and a systematic study of smears and virus and bacteriology cultures taken from representative cases in several districts of the Northern Transvaal was carried out. The attempts to isolate trachoma virus in tissue cultures were unsuccessful.

### (b) *Influenza.*

The Respiratory Virus Unit, which, as the W.H.O. Regional Centre, is responsible for the study of influenzal outbreaks in this region and the identification of the causative viruses, received specimens of throat washings and throat and nasal swabs from patients for attempts at virus isolation, and bloods from acute and convalescent patients for antibody studies. Fourteen strains of influenza virus were isolated and of these 11 were Type A Asian strains and three were Type B. These strains differed considerably from previously isolated B strains.

Asian influenza infection continued to smoulder in the Bantu labour force on the mines of the Witwatersrand, and evidence of this infection was obtained each month. A mild epidemic affected the general population in August and Asian strains were isolated from representative cases.

### (c) *Adenoviruses.*

With antigen prepared in this laboratory a systematic serological study of a representative sample of Bantu mine labourers has begun to determine the relative importance of adenoviruses as a cause of respiratory disease on the mines. This study is being continued.

*(d) Virusse deur Artropode oorgedra.*

Afgesien van die roetine-analise wat uitgevoer is, was die hoofnavorsingsprojek van die Departement Biochemie en Biofisika die ondersoek van die chemiese en fisiese eienskappe van die Wes-Nylvirus. Dit is hopelik die aanvangstadium van 'n ondersoek na die groep virusse wat deur artropode oorgedra word.

## TIFOÏEDKOORS.

Dit is teleurstellend dat jaar na jaar melding gemaak moet word van die groot getal gevalle van hierdie siekte wat aangemeld word, soos die volgende syfers aandui:—

Jaar.	Blankes.	Bantoes.	Kleurlinge.	Asiate.	Totaal.
1953.....	383	2,738	249	134	3,504
1954.....	472	3,294	355	109	4,230
1955.....	367	3,101	451	78	3,997
1956.....	278	2,947	315	60	3,600
1957.....	237	2,615	227	48	3,127
1958.....	141	3,177	236	45	3,599

Daar die groot meerderheid van gevalle by die Bantoes voorkom, is dit 'n onteenseglike bewys dat die higiëniese en sanitêre gebruike van hierdie bevolkingsgroep veel te wense oorlaat. Tensy hierdie gebruike wesenlik verander en verbeter word, kan 'n opvallende vermindering in die getal gevalle nie verwag word nie.

## WITSEERKEEL.

Ten spyte van die feit dat die entstof teen hierdie gevaarlike siekte gratis deur die Departement van Gesondheid aan plaaslike besture verskaf word, blyk die laksheid van ouers om hul kinders te laat immuniseer duidelik uit die groot getal gevalle wat jaarliks aangemeld word, soos die volgende syfers aandui:—

Jaar.	Blankes.	Bantoes.	Kleurlinge.	Asiate.	Totaal.
1953.....	1,152	1,609	369	98	3,228
1954.....	1,098	1,800	317	127	3,342
1955.....	898	1,960	381	143	3,382
1956.....	934	2,062	425	100	3,521
1957.....	657	2,389	317	77	3,440
1958.....	615	2,150	417	122	3,304

Die noodsaaklikheid van immunisering teen die siekte word deur middel van plakkate, pamflette, radiopraatjies en artikels in tydskrifte onder die aandag van die bevolking gebring, maar te oordeel na die onveranderde getal gevalle wat jaarliks aangemeld word, skyn dit, veral vir sover dit die nie-blankes betref, nie die gewenste resultate te lewer nie.

## VLEKTIFUS.

Gedurende die jaar is 98 gevalle van epidemiese vlektifus deur luise oorgedra, aangemeld. Sekere eenaardighede van die manier van verspreiding het aangedui dat dit waarskynlik nie altyd 'n infeksie wat van persoon na persoon oorgedra word, was nie, en in verskeie gevalle was die laboratoriumbevindings ook nie na verwagting nie. In die lig van hierdie feite moet die aanwesigheid van heruitbrekende vlektifus (Brill se Siekte) as 'n moontlikheid beskou word. Die Adjunk-direkteur van die Suid-Afrikaanse Mediese Navorsingsinstituut twyfel nie daaraan dat heruitbrekende epidemiese vlektifus in die Transkeise gebiede voorkom nie en dat, met die oog op die baie jare van endemisiteit in hierdie gebiede, die siekte as 'n bron van infeksie onder die plattelandse Bantoes aanvaar kan word. Verskeie gevalle het voorgekom waar die Rickettsia-komplementbindingstoets positief vir *R. prowazeki* in hoë titers was, terwyl die Weil Felixstoets slegs in baie lae titers (1/50) agglutinasie getoon het, 'n bevinding wat kenmerkend van heruitbrekende vlektifus is.

*(d) Arthropod-borne Viruses.*

Apart from the routine analysis carried out, the main research project of the Biochemistry and Biophysics Department has been the investigation of the chemical and physical properties of West Nile virus. This, it is hoped, forms the initial stage in a study of the arthropod-borne viruses as a group.

## TYPHOID FEVER.

It is disappointing that year after year mention must be made of the large number of cases of this disease that are notified, as the following figures indicate:—

Year.	Whites.	Bantu.	Coloureds.	Asiatics.	Total.
1953.....	383	2,738	249	134	3,504
1954.....	472	3,294	355	109	4,230
1955.....	367	3,101	451	78	3,997
1956.....	278	2,947	315	60	3,600
1957.....	237	2,615	227	48	3,127
1958.....	141	3,177	236	45	3,599

As the large majority of cases occur amongst the Bantu, it is an incontestable proof that the hygienic and sanitary practices of this section of the population leave much to be desired. Unless these practices are substantially changed and improved, a striking decrease in the number of cases cannot be expected.

## DIPHTHERIA.

In spite of the fact that the vaccine against this dangerous disease is supplied free of charge by the Department of Health to Local Authorities, the laxity of parents to have their children immunised is obvious from the large number of cases notified annually, as the following figures indicate:—

Year.	Whites.	Bantu.	Coloureds.	Asiatics.	Total.
1953.....	1,152	1,609	369	98	3,228
1954.....	1,098	1,800	317	127	3,342
1955.....	898	1,960	381	143	3,382
1956.....	934	2,062	425	100	3,521
1957.....	657	2,389	317	77	3,440
1958.....	615	2,150	417	122	3,304

The necessity of immunisation against the disease is brought to the notice of the population by means of posters, pamphlets, radio talks and articles in periodicals, but judging by the unchanged number of cases that are notified yearly, it does not seem, especially as far as the non-Whites are concerned, to have the desired results.

## TYPHUS FEVER.

Ninety-eight cases of epidemic louse-borne typhus fever were reported during the year. Certain features in the pattern of spread suggested that it was probably not always by case to case infection, and in many instances the laboratory findings were also not in line with the expected results. In view of these facts, the presence of recrudescence typhus (Brill's Disease) suggested itself as a possibility. The Deputy Director of the South African Institute for Medical Research did not doubt that recrudescence epidemic typhus occurred in the Transkeian territories and that in view of the many years of endemicity in these areas the disease could be accepted as constituting a reservoir of infection amongst the rural Bantu. There had been several instances where the Rickettsial Complement Fixation Test had been positive against *R. prowazeki* in high titer but the Weil Felix Test had shown agglutination only in very low titres (1/50), which is a finding characteristic of recrudescence typhus fever.

Toetse met W.G.O.-uitrusting het geen bewys gelewer van die ontwikkeling van weerstand teen D.D.T. deur luisse wat in hierdie gebiede versamel is nie.

#### VENERIESE SIEKTES.

Die voorkoms van sifilis toon deurgaans 'n afwaartse neiging. Gonoree is egter aan die toeneem. Ondanks die feit dat prokaïenpenisillien in olie met twee persent aluminiummonostearaat (PAM) al baie jare lank vir die behandeling van hierdie siektes gebruik is, is geen verslae oor verminderde sensitiwiteit of groter weerstand teen hierdie preparaat deur die veroorsakende organismes ontvang nie.

#### WETGEWING.

Geen nuwe of wysigende wetgewing is gedurende 1958 deur die Minister van Gesondheid by die Parlement ingedien nie.

#### 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:—

Tiende Herdenkingsitting van die Wêreldgesondheidsvergadering, gehou te Minneapolis, V.S.A., van 26 tot 27 Mei 1958.

Elfde sitting van die Wêreldgesondheidsvergadering, gehou te Minneapolis, V.S.A., van 28 Mei tot 13 Junie 1958.

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

Wêreldgesondheidsorganisasie se Malaria-konferensie, gehou te Lourenco Marques van 25 tot 27 Augustus 1958.

Agste sitting van die Streekskomitee vir Afrika van die Wêreldgesondheidsorganisasie, gehou te Monrovia van 22 tot 27 September 1958.

Dr. B. A. Dormer, Adviseur insake Tuberkulosedienste, het die volgende as die Unie se verteenwoordiger bygewoon:—

Statebondse Borskonferensie, gehou te Londen van 1 tot 4 Julie 1958.

Vergadering van die Afrikakomitee van die Internasionale Bond teen Tuberkulose, gehou te Parys van 12 tot 13 Julie 1958.

Internasionale Konferensie insake Fotofluorografie, gehou te Stockholm van 20 tot 23 Augustus 1958.

Sesde Internasionale Kongres insake Tropiese Geneeskunde en Malaria, gehou te Lissabon van 5 tot 13 September 1958.

Dr. C. J. H. Brink, Hoofstreeksgesondheidsbeampte, Pietersburg, het as een van die Unie se verteenwoordigers die Wêreldgesondheidsorganisasie se Konferensie insake Malaria, gehou te Lourenco Marques van 25 tot 27 Augustus 1958, bygewoon.

Dr. H. W. Howarth, Mediese Beampte, het die volgende as die Unie se verteenwoordiger bygewoon:—

Vierde Internasionale Vergadering insake Biologiese Standardisasie, gehou te Brussel van 25 tot 30 Julie 1958.

Internasionale Kongres insake Mikrobiologie, gehou te Stockholm van 4 tot 9 Augustus 1958.

Tests with W.H.O. kits failed to show any evidence of the development of resistance to D.D.T. by lice collected from this area.

#### VENEREAL DISEASES.

The incidence of syphilis continues to show a downward trend. Gonorrhoea, however, continues to show an upward trend. Despite the fact that procaine penicillin in oil with two per cent aluminium monostearate (PAM) has been used for many years in the treatment of these diseases, no reports of lessened sensitivity or greater resistance to this preparation on the part of the causal organisms have been received.

#### LEGISLATION.

No new or amending legislation was introduced into Parliament by the Minister of Health during 1958.

#### 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:—

Tenth Commemorative Session of the World Health Assembly, held at Minneapolis, U.S.A., from 26th to 27th May, 1958.

Eleventh Session of the World Health Assembly, held at Minneapolis, U.S.A., from 28th May to 13th June, 1958.

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

World Health Organisation Malaria Conference, held at Lourenco Marques from 25th to 27th August, 1958.

Eighth Session of the Regional Committee for Africa of the World Health Organisation, held at Monrovia from 22nd to 27th September, 1958.

Dr. B. A. Dormer, Adviser on Tuberculosis Services, attended the following as the Union's representative:—

Commonwealth Chest Conference, held at London from 1st to 4th July, 1958.

Meeting of the Africa Committee of the International Union against Tuberculosis, held at Paris from 12th to 13th July, 1958.

International Conference on Photofluorography, held at Stockholm from 20th to 23rd August, 1958.

Sixth International Congress on Tropical Medicine and Malaria, held at Lisbon from 5th to 13th September, 1958.

Dr. C. J. H. Brink, Chief Regional Health Officer, Pietersburg, attended as one of the Union's representatives the World Health Organisation Conference on Malaria, held at Lourenco Marques from 25th to 27th August, 1958.

Dr. H. W. Howarth, Medical Officer, attended the following as the Union's representative:—

Fourth International Meeting on Biological Standardisation, held at Brussels from 25th to 30th July, 1958.

International Congress for Microbiology, held at Stockholm from 4th to 9th August, 1958.

## DANKBETUIGINGS.

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

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

U dienswillige,

J. J. DU PRÉ LE ROUX,

PRETORIA.

*Sekretaris van Gesondheid.*

## ACKNOWLEDGEMENTS.

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

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

Yours faithfully,

J. J. DU PRÉ LE ROUX,

PRETORIA.

*Secretary for Health.*



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TABLE 1.—UNIE VAN SUID-AFRIKA: OPSOMMING VAN LEWENSTATISTIEKE VAN BLANKE BEVOLKING, 1920-1958. TABLE 1.—UNION OF SOUTH AFRICA: SUMMARY OF VITAL STATISTICS OF WHITE POPULATION, 1920-1958.

Kalender-jaar. Calendar Year.	Blanke bevolking (geraam). White Population (estimated).	Geboortesyfer per 1,000 van bevolking. Birth Rate per 1,000 of Population.	Sterftesyfer, werklieke of onverwerkte, per 1,000 van bevolking. Death Rate, Actual or Crude, per 1,000 of Population.	Siektes van hart en bloedsomloopstelsel. Diseases of Heart and Circulatory System.	Sterftesyfer per 100,000 van bevolking. Death Rate per 100,000 of Population.	Tuberkulose (Alle vorms). Tuberculosis (All forms).	Persentasie van totale sterfgevälle waarvan die oorsaak medies gesertifiseer is. Percentage of Total Deaths, which was Medically Certified.	Babasterftesyfer (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).
1920.....	1,499,911	28.97	11.09	95.67*	113.87*	45.93*	79.78	90.07	4.10*	17.88
1921.....	1,521,343†	28.44	10.41	102.91	136.15	58.87*	80.76	77.09	4.94	18.03
1922.....	1,556,241	27.52	9.48	97.99	127.24	69.09	82.96	72.91	5.21	18.04
1923.....	1,579,733	26.70	9.77	108.50	120.72	70.88	84.46	74.42	5.22	16.93
1924.....	1,610,774	26.29	9.62	123.92	123.79	76.36	84.74	73.73	4.75	16.67
1925.....	1,637,472	26.51	9.39	128.86	127.04	72.86	86.45	68.39	5.62	17.12
1926.....	1,676,660†	26.16	9.59	127.21	113.44	71.18	87.76	64.82	4.56	16.57
1927.....	1,708,955	25.95	9.73	122.76	110.42	50.50	89.93	70.62	4.80	16.22
1928.....	1,738,937	25.77	10.15	133.53	127.52	50.95	89.93	70.49	4.98	15.62
1929.....	1,767,719	26.15	9.51	127.11	104.04	45.37	90.19	64.22	5.26	16.64
1930.....	1,797,900	26.44	9.69	132.33	112.87	46.78	91.15	66.84	5.26	16.75
1931.....	1,829,300	25.38	9.37	131.53	103.75	44.22	90.84	63.07	4.70	16.01
1932.....	1,859,400	24.17	9.97	137.52	113.75	40.33	90.84	68.57	5.31	14.20
1933.....	1,890,300	23.55	9.35	142.52	100.30	40.68	91.45	61.01	4.81	14.20
1934.....	1,914,700	23.44	9.68	156.21	94.53	39.54	91.91	60.79	5.99	13.76
1935.....	1,973,700	24.18	10.45	169.58	131.98	40.43	92.55	62.81	4.73	13.72
1936.....	2,003,334	24.21	9.57	154.38	106.19	34.40	92.88	59.06	5.10	14.64
1937.....	2,043,700	24.90	10.08	172.97	113.62	36.40	93.17	56.57	4.38	14.81
1938.....	2,081,400	25.01	9.48	153.55	102.53	38.34	94.20	51.69	3.69	15.53
1939.....	2,116,500	25.29	9.40	170.42	90.05	36.19	94.32	49.48	3.61	15.88
1940.....	2,152,700	25.29	9.42	190.18	89.93	35.12	94.75	50.02	3.37	15.87
1941.....	2,188,200	24.94	9.47	197.61	86.14	34.26	94.95	50.93	2.49	15.47
1942.....	2,230,000	25.18	9.35	199.69	81.97	36.19	94.83	47.52	2.83	15.83
1943.....	2,265,000	25.94	9.33	211.92	81.97	36.19	95.25	45.60	2.85	16.41
1944.....	2,300,000	26.63	9.32	214.83	84.78	33.16	95.03	42.53	2.20	17.30
1945.....	2,335,000	25.48	9.32	236.10	85.65	32.46	95.59	40.33	2.10	16.16
1946.....	2,372,690†	26.92	8.65	211.64	78.15	32.57	96.02	35.90	1.77	18.27
1947.....	2,434,000	27.23	8.63	219.06	77.04	31.75	96.87	34.39	1.37	18.60
1948.....	2,505,000	26.54	8.90	241.90	83.80	30.81	97.20	36.00	1.50	17.60
1949.....	2,567,000	25.91	8.38	207.01	77.52	26.64	97.51	36.63	1.13	17.08
1950.....	2,610,000	25.09	8.70	202.41	72.45	24.48	97.50	35.74	0.95	16.39
1951.....	2,641,689†	25.07	8.82	223.63	70.60	21.41	97.90	33.52	1.12	16.25
1952.....	2,696,000	25.29	8.24	257.21	59.03	15.02	98.14	32.76	0.98	17.05
1953.....	2,752,000	25.09	8.56	268.39	59.92	9.85	98.23	32.67	1.20	16.53
1954.....	2,803,000	24.59	8.60	273.92	63.72	9.35	98.45	33.34	0.74	15.99
1955.....	2,856,000	24.62	8.06	262.68	50.07	8.33	98.50	29.81	0.73	16.57
1956.....	2,907,000	24.24	8.59	275.92	130.72	8.15	98.49	31.42	0.54	15.95
1957.....	2,957,000	24.79	8.54	273.05	61.65	7.0	98.87	29.13	0.48	16.25
1958.....	3,011,000	24.54	8.56	271.01	64.50	7.21	98.81	29.40	0.60	15.98

\* 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 PROVINSIE EN GESLAG, 1954-1958.

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

TABLE 2.—BIRTHS REGISTERED BY PROVINCE AND SEX, 1954-58.

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

1954.....	11,282	10,962	3,312	3,102	17,176	16,370	3,436	3,284	35,206	33,718	68,924	24·6
1955.....	10,896	10,329	3,515	3,286	18,086	17,385	3,515	3,310	36,012	34,310	70,322	24·6
1956.....	11,168	10,656	3,456	3,320	17,813	16,967	3,706	3,383	36,143	34,326	70,469	24·2
1957.....	11,437	10,737	3,584	3,475	18,764	18,113	3,662	3,529	37,447	35,854	73,301	24·8
1958.....	11,622	10,965	3,835	3,576	18,616	17,905	3,754	3,615	37,827	36,061	73,888	24·5

## ASIATE.—ASIATICS.

1954.....	357	322	5,443	5,619	1,116	1,019	1	—	6,917	6,961	13,877	34·7
1955.....	254	286	5,802	5,847	1,036	972	—	—	7,092	7,105	14,197	34·6
1956.....	280	296	5,327	5,308	1,010	913	2	—	6,619	6,517	13,136	31·2
1957.....	318	287	5,464	5,414	1,021	982	—	—	6,803	6,683	13,486	31·29
1958.....	285	270	5,762	5,455	888	940	—	—	6,935	6,665	13,600	30·8

## KLEURLINGE.—COLOURED.

1954.....	26,391	25,773	723	654	1,724	1,646	187	197	29,023	28,270	57,293	47·3
1955.....	26,434	26,082	606	546	1,704	1,622	275	243	29,019	28,493	57,512	46·3
1956.....	27,195	26,699	649	618	1,445	1,462	231	237	29,520	29,016	58,536	45·7
1957.....	29,293	28,750	624	672	1,613	1,524	225	223	31,755	31,169	62,924	47·7
1958.....	29,545	28,984	856	831	1,635	1,546	289	296	32,325	31,657	63,982	47·0

TABEL 3.—STERFGEVALLE GEREGISTREER VOLGENS PROVINSIE EN GESLAG, 1954-1958.

Net soos die registrasie van Bantoegeboortes in die platteland verpligtend gemaak is, so ook is die verpligte registrasie van Bantoeesterfgevallen 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 geregistreeerde sterfgevallen van Blankes, Asiatic 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, 1954-58.

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

Jaar. Year.	Kaapprovinsie. Cape Province.		Natal.		Transvaal.		Oranje- Vrystaat. Orange Free State.		Unie. Union.			Sterfte- syfer 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.—WHITES.

1954.....	5,152	3,852	1,559	1,152	6,049	4,214	1,287	841	14,047	10,059	24,106	8·6
1955.....	4,798	3,678	1,576	1,148	5,877	3,960	1,122	854	13,373	9,640	23,013	8·1
1956.....	5,176	3,966	1,638	1,238	6,391	4,353	1,288	931	14,493	10,488	24,981	8·6
1957.....	5,004	3,851	1,698	1,341	6,532	4,669	1,253	896	14,487	10,757	25,244	8·5
1958.....	5,198	3,907	1,761	1,387	6,540	4,701	1,343	949	14,842	10,944	25,786	8·6

## ASIAAT.—ASIATICS.

1954.....	147	53	1,555	1,293	267	177	—	—	1,969	1,523	3,492	8·7
1955.....	120	53	1,728	1,318	269	170	1	—	2,118	1,541	3,659	8·9
1956.....	119	44	1,642	1,303	263	153	—	—	2,024	1,500	3,524	8·4
1957.....	126	54	1,784	1,405	280	202	—	—	2,190	1,661	3,851	8·9
1958.....	132	48	1,691	1,298	248	180	—	—	2,071	1,526	3,597	8·2

## KLEURLINGE.—COLOURED.

1954.....	10,160	9,043	198	171	735	645	165	147	11,258	10,006	21,264	17·6
1955.....	10,016	8,900	206	170	732	639	183	170	11,137	9,879	21,016	16·9
1956.....	10,529	8,978	216	162	751	613	205	151	11,701	9,904	21,605	16·9
1957.....	10,372	8,911	230	172	824	637	199	162	11,625	9,882	21,507	16·3
1958.....	11,049	9,654	228	173	835	663	226	144	12,338	10,634	22,972	16·4

TABLE 4.—GEBORTES, STERFGEVALLE ONDER EEN JAAR EN BABASTERF-  
TESYFER, 1954-58.

Jaar. Year.	Kaapprovinsie. Cape Province.			Natal.			Transvaal.			Oranje-Vrystaat. Orange Free State.			Unie. Union.		
	Gebroortes geregi- streer. Births Regis- tered.	Sterf- gevalle. Deaths.	Sterfte- syfer per 1,000 geboortes. Death- rate per 1,000 Births.	Gebroortes geregi- streer. Births Regis- tered.	Sterf- gevalle. Deaths.	Sterfte- syfer per 1,000 geboortes. Death- rate per 1,000 Births.	Gebroortes geregi- streer. Births Regis- tered.	Sterf- gevalle. Deaths.	Sterfte- syfer per 1,000 geboortes. Death- rate per 1,000 Births.	Gebroortes geregi- streer. Births Regis- tered.	Sterf- gevalle. Deaths.	Sterfte- syfer per 1,000 geboortes. Death- rate per 1,000 Births.	Gebroortes geregi- streer. Births Regis- tered.	Sterf- gevalle. Deaths.	Sterfte- syfer per 1,000 geboortes. Death- rate per 1,000 Births.
1954.....	22,244	693	31.15	6,414	184	28.69	33,546	1,183	35.27	6,720	238	35.42	68,924	2,298	33.34
1955.....	21,225	636	29.96	6,801	157	23.08	35,471	1,085	30.59	6,825	218	31.94	70,332	2,096	29.80
1956.....	21,824	644	29.51	6,776	192	28.34	34,780	1,117	32.12	7,089	259	36.54	70,469	2,212	31.39
1957.....	22,174	609	27.46	7,059	193	27.34	36,877	1,123	30.45	7,191	210	29.20	73,301	2,135	29.13
1958.....	22,587	645	28.56	7,411	199	26.85	36,521	1,114	30.50	7,369	214	29.04	73,888	2,172	29.40
BLANKES.—WHITES.															
1954.....	679	45	66.27	11,062	641	57.95	2,135	152	71.19	—	—	—	13,877	838	60.39
1955.....	540	33	61.11	11,649	725	62.24	2,008	137	68.23	—	1	—	14,197	895	63.04
1956.....	576	35	60.76	10,636	731	68.73	1,924	109	56.65	—	—	—	13,136	875	66.61
1957.....	605	43	71.07	10,878	740	68.03	2,003	129	64.40	—	—	—	13,486	912	67.63
1958.....	555	33	59.46	11,217	746	66.51	1,828	106	57.99	—	—	—	13,600	885	65.07
ASIATE.—ASIATICS.															
1954.....	52,161	6,762	129.64	1,377	97	70.44	3,371	425	126.37	384	87	226.56	57,293	7,372	128.67
1955.....	52,516	7,109	135.37	1,152	82	71.18	3,326	435	130.79	518	108	208.49	57,512	7,734	134.48
1956.....	53,894	7,470	138.61	1,267	82	64.72	2,907	421	144.82	468	106	226.50	58,536	8,069	137.85
1957.....	58,043	7,342	126.49	1,296	104	80.25	3,137	416	132.61	448	108	241.07	62,924	7,970	126.66
1958.....	58,529	7,830	133.78	1,687	94	55.72	3,181	441	138.64	585	101	172.65	63,982	8,466	132.32
KLEURLINGE.—COLOUREDS.															

TABEL 5.—OORSAKE VAN DOOD (VERKORTE INTERNASIONALE LYS), 1 JANUARIE 1954 TOT 31 DESEMBER 1958. || TABLE 5.—CAUSES OF DEATH (ABBREVIATED)

Oorsake van dood.—Cause of Death.	1954.			1955.			1956.			Kleurlinge en gemeng. Coloureds and mixed.						
	Blankes.—Whites.			Blankes.—Whites.			Blankes.—Whites.			Asiate.—Asiatics.			Gesertifiseer en Ongesertifiseer. Certified and Uncertified.			
	M. M.	V. F.	T. T.	M. M.	V. F.	T. T.	M. M.	V. F.	T. T.	M. M.	V. F.	T. T.	M. M.	V. F.	T. T.	
B 1. Tuberkulose van die asemhalingstelsel—Tuberculosis of respiratory system.....	001-008	143	58	201	149	48	197	138	63	201	38	33	71	858	567	1,425
B 2. Tuberkulose, ander vorms—Tuberculosis, other forms.....	010-019	45	16	61	27	14	41	23	13	36	11	18	29	181	152	333
B 3. Sifilis en die gevolge daarvan—Syphilis and its sequelae.....	020-029	92	29	121	84	27	111	79	32	111	7	3	10	132	74	206
B 4. Tifoidkoors—Typhoid fever.....	040	5	3	8	8	3	11	4	1	5	2	1	3	18	12	30
B 5. Cholera—Cholera.....	043	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
B 6. Disenterie, alle vorms—Dysentery, all forms.....	045-048	12	5	17	9	8	17	14	7	21	18	13	31	38	20	58
B 7. Skarlakenkoors en streptokokkeseerkeel—Scarlet fever and streptococcal sore throat.....	050, 051	—	—	—	1	1	2	1	—	1	—	—	—	—	—	—
B 8. Witseerkeel—Diphtheria.....	055	36	33	69	30	27	57	37	39	76	10	12	22	34	44	78
B 9. Kinkhoes—Whooping cough.....	056	17	13	30	11	6	17	10	17	27	1	3	4	67	92	159
B 10. Meningokokkebesmettings—Meningococcal infections.....	057	15	13	28	6	6	12	18	6	24	1	—	1	24	16	40
B 11. Pes—Plague.....	058	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
B 12. Akute poliomiëlietis—Acute Poliomyelitis.....	080	28	12	40	29	14	43	83	68	151	4	2	6	13	9	22
B 13. Pokkies—Smallpox.....	084	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
B 14. Masels—Measles.....	085	7	5	12	22	15	37	20	14	34	9	8	17	65	78	143
B 15. Vlektifus en vlektifusagtige siektes (Rickettsioses)—Typhus and other rickettsial diseases (Rickettsioses).....	100-108	—	—	—	1	—	1	—	1	1	—	—	—	—	—	—
B 16. Malaria—Malaria.....	110-117	—	2	2	3	3	6	5	3	8	—	—	—	2	2	4
17. Alle ander siektes as aansteeklik en parasities geklassifiseer—All other diseases classified as infective and parasitic.....	030-039 041-042 044-049 052-054 059-074 081-083 086-096 120-138	49	34	83	44	37	81	51	37	88	22	12	34	133	106	239
B 18. Kwaadaardige gewasse met inbegrip van gewasse van limf- en bloedvormende weefsels—Malignant neoplasms, including neoplasms of lymphatic and haematopoietic tissues.....	140-205	2,059	1,624	3,683	1,976	1,623	3,599	2,082	1,718	3,800	85	72	157	560	462	1,022
B 19. Goedaardige en ongespesifiseerde gewasse—Benign and unspecified neoplasms.....	210-239	19	44	63	36	43	79	51	50	101	2	1	3	9	14	23
B 20. Diabetes mellitus (suikersiekte)—Diabetes mellitus.....	260	95	169	264	91	168	259	83	161	244	15	10	25	17	35	52
B 21. Anemie—Anaemias.....	290-293	16	31	47	20	27	47	26	40	66	6	8	14	4	7	11
B 22. Bloedvatletsels wat die sentrale senuweestelsel aantast—Vascular lesions affecting central nervous system.....	330-334	1,106	1,335	2,441	982	1,287	2,269	1,122	1,404	2,526	172	102	274	455	589	1,044
B 23. Nie-meningokokkemeningitis—Non-meningococcal meningitis.....	340	35	27	62	29	16	45	27	17	44	11	8	19	76	42	118
B 24. Rumatiekkoors—Rheumatic fever.....	400-402	7	10	17	9	4	13	5	3	8	7	5	12	9	15	24
B 25. Chroniese rumatiekhardtswaai—Chronic rheumatic heart disease.....	410-416	67	66	133	32	49	81	47	60	107	15	24	39	71	70	141
B 26. Arteriosklerotiese en onttaardingshardtswaai—Arteriosclerotic and degenerative heart disease.....	420-422	3,565	1,880	5,445	3,424	1,900	5,324	3,695	2,034	5,729	222	91	313	627	445	1,072
B 27. Ander siektes van die hart—Other diseases of the heart.....	430-434	54	33	87	34	26	60	28	19	47	8	4	12	22	20	42
B 28. Drukverhogingsiekte met hartkwaai—Hypertension with heart disease.....	440-443	265	339	604	266	320	586	217	320	537	47	52	99	185	219	404
B 29. Drukverhoging sonder vermelding van hartkwaai—Hypertension without mention of heart disease.....	444-447	92	115	207	90	115	205	107	129	236	26	18	44	43	71	114
B 30. Griep—Influenza.....	480-483	56	39	95	27	27	54	41	29	70	3	3	6	19	18	37
B 31. Pneumonie—Pneumonia.....	490-493	845	665	1,510	675	539	1,214	852	632	1,484	338	295	633	1,659	1,562	3,221
B 32. Brongitis—Bronchitis.....	500-502	192	84	276	162	54	216	155	78	233	41	18	59	91	41	132
B 33. Maag- en duodenumsweer—Ulcer of stomach and duodenum.....	540-541	113	26	139	114	31	145	113	40	153	10	4	14	18	3	21
B 34. Blindedermonsteking—Appendicitis.....	550-553	39	20	59	40	16	56	33	21	54	2	—	2	12	9	21
B 35. Dermverstoping en breuk—Intestinal obstruction and hernia.....	560, 561, 570	100	74	174	90	85	175	85	78	163	8	10	18	23	22	45
B 36. Gastritis, duodenitis, enteritis en kolitis met uitsondering van diarree by die pasgeborene—Gastritis, duodenitis, enteritis and colitis, except diarrhoea of the new-born.....	543, 571, 572	231	220	451	227	206	433	219	174	393	154	154	308	2,723	2,439	5,162
B 37. Lewersirroos—Cirrhosis of liver.....	581	128	45	173	103	60	163	103	68	171	7	3	10	36	18	54
B 38. Nefritis en nefrose—Nephritis and nephrosis.....	590-594	217	185	402	195	171	366	231	210	441	35	45	80	146	132	278
B 39. Hiperplasia van die prostaat—Hyperplasia of prostate.....	610	237	—	237	214	—	214	177	—	177	11	—	11	34	—	34
B 40. Swangerskap-, bevallings- en kraamtydkomplikasies—Complications of pregnancy, childbirth and the puerperium.....	640-652 670-689	—	51	51	—	51	51	—	38	38	—	33	33	—	150	150
B 41. Aangebore misvorming—Congenital malformations.....	750-759	137	142	279	168	139	307	191	162	353	22	7	29	113	78	191
B 42. Besering by geboorte, verstikking en atelektase net na die geboorte—Birth injuries, postnatal asphyxia and atelectasis.....	760-762	229	164	393	243	141	384	228	154	382	59	39	98	237	158	395
B 43. Infeksies van die pasgeborene—Infections of the new-born.....	763-768	19	7	26	16	13	29	18	10	28	14	10	24	81	67	148
B 44. Ander siektes eie aan die vroeë kinderjare en onomskrewe onontwikkelheid—Other diseases peculiar to early infancy and immaturity unqualified.....	769-776	406	353	759	419	274	693	444	322	766	101	92	193	632	551	1,183
B 45. Seniliteit sonder vermelding van psigose, sleg omskrewe en onbekende oorsake—Senility without mention of psychosis, ill-defined and unknown causes.....	790-795	629	670	1,299	619	671	1,290	731	730	1,461	177	125	302	849	732	1,581
B 46. Alle ander siektes—All other diseases.....	—	1,368	479	2,347	1,355	962	2,317	1,489	981	2,470	168	89	257	637	527	1,164
BE 47. Motorvoertuigongelukke—Motor vehicle accidents.....	E810-E835	409	102	511	428	98	526	452	132	584	51	12	63	197	41	238
BE 48. Alle ander ongelukke—All other accidents.....	E800-E802 E840-E965	562	257	819	548	243	791	638	287	925	58	40	98	371	143	514
BE 49. Selfmoord en selftoegediende besering—Suicide and self-inflicted injury.....	E970-E979	247	63	310	267	56	323	261	61	322	16	19	35	29	9	38
BE 50. Manslag en krygsverrigtings—Homicide and operations of war.....	E980-E999	54	17	71	50	16	66	59	25	84	10	2	12	151	43	194
TOTAAL—TOTAL.....		14,047	10,059	24,106	13,373	9,640	23,013	14,493	10,488	24,981	2,024	1,500	3,524	11,701	9,904	21,605

IATED INTERNATIONAL LIST), 1ST JANUARY, 1954, TO 31ST DECEMBER, 1958.

1957.									1958.											
Blankes.—Whites.			Asiate.—Asiatics.			Kleurlinge en gemeng. Coloureds and mixed.			Blankes.—Whites.			Asiate.—Asiatics.			Kleurlinge en gemeng. Coloureds and mixed.					
Gesertifiseer en Ongesertifiseer. Certified and Uncertified.			Gesertifiseer en Ongesertifiseer. Certified and Uncertified.			Gesertifiseer en Ongesertifiseer. Certified and Uncertified.			Gesertifiseer en Ongesertifiseer. Certified and Uncertified.			Gesertifiseer en Ongesertifiseer. Certified and Uncertified.			Gesertifiseer en Ongesertifiseer. Certified and Uncertified.					
M. M.	V. F.	T. T.	M. M.	V. F.	T. T.	M. M.	V. F.	T. T.	M. M.	V. F.	T. T.	M. M.	V. F.	T. T.	M. M.	V. F.	T. T.	M. M.	V. F.	T. T.
139	43	182	40	36	76	848	573	1,421	138	53	191	37	29	66	845	537	1,382			
16	8	24	14	12	26	208	177	385	9	17	26	16	13	29	198	155	353			
59	26	85	10	4	14	98	51	149	33	23	56	8	3	11	88	64	152			
5	6	11	3	—	3	10	6	16	6	—	6	—	2	2	12	5	17			
—	9	—	—	14	—	—	31	—	—	10	—	—	9	—	—	36	—	—	17	—
—	—	20	—	8	22	—	20	51	—	7	17	—	4	13	—	17	53			
—	26	—	—	3	—	—	30	—	—	22	—	—	15	—	—	52	—	—	51	—
—	27	53	—	7	10	—	40	70	—	25	47	—	8	23	—	51	103			
—	3	12	—	5	12	—	94	218	—	9	16	—	2	8	—	95	213			
—	9	21	—	2	7	—	9	19	—	11	20	—	1	4	—	19	31			
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
—	66	49	—	—	1	—	21	32	—	15	20	—	—	—	—	3	3			
—	—	115	—	1	1	—	11	32	—	5	—	—	—	—	—	—	—			
—	15	—	—	8	20	—	105	201	—	26	43	—	14	25	—	121	260			
—	—	23	—	12	—	—	96	—	—	17	—	—	11	—	—	139	—			
—	1	—	—	—	—	—	—	—	—	1	4	—	—	—	—	—	1			
—	—	1	—	—	—	—	—	—	—	3	—	—	—	—	—	—	—			
58	43	101	25	19	44	117	112	229	70	53	123	15	8	23	138	121	259			
2,016	1,841	3,857	82	76	158	527	468	995	2,196	1,849	4,045	68	52	120	584	519	1,103			
47	53	100	2	1	3	9	12	21	28	48	76	5	5	10	9	12	21			
96	166	262	24	26	50	19	40	59	91	182	273	23	26	49	18	53	71			
20	30	50	2	7	9	8	9	17	26	37	63	2	12	14	9	17	26			
1,054	1,507	2,561	162	113	275	462	591	1,053	1,212	1,579	2,791	184	118	302	495	689	1,184			
33	28	61	9	14	23	64	49	113	28	21	49	10	13	23	72	51	123			
5	3	8	4	9	13	12	13	25	6	3	9	1	4	5	2	9	11			
46	53	99	9	20	29	53	77	130	50	56	106	26	31	57	42	90	132			
3,718	2,191	5,909	268	109	377	651	444	1,095	3,766	2,087	5,853	221	117	338	595	423	1,018			
29	26	55	4	6	10	25	30	55	97	51	148	13	3	16	62	41	103			
215	298	513	65	56	121	160	247	407	134	191	325	48	38	86	121	155	276			
136	131	267	31	22	53	59	74	133	183	238	421	33	29	62	139	204	343			
66	56	122	20	9	29	48	44	92	47	41	88	7	4	11	38	31	69			
843	709	1,552	414	368	782	1,855	1,549	3,404	884	721	1,605	343	298	641	1,569	1,524	3,093			
198	73	271	42	26	68	84	37	121	235	102	337	23	18	41	120	62	182			
142	52	194	15	2	17	27	9	36	146	45	191	12	2	14	24	4	28			
34	15	49	4	—	4	17	4	21	20	15	35	3	2	5	6	2	8			
87	80	167	10	4	14	26	20	46	89	92	181	9	4	13	36	19	55			
181	168	349	125	147	272	2,415	2,289	4,704	198	163	361	140	136	276	2,634	2,516	5,150			
116	60	176	19	1	20	28	18	46	119	59	178	13	4	17	39	17	56			
217	164	381	33	38	71	104	122	226	207	160	367	31	21	52	122	127	249			
170	—	170	8	—	8	38	—	38	155	—	155	3	—	3	46	—	46			
—	35	35	—	27	27	—	140	140	—	39	39	—	34	34	—	121	121			
187	189	376	16	14	30	100	75	175	179	174	253	22	16	38	115	97	212			
233	122	365	62	39	101	222	159	381	203	175	378	57	38	95	232	142	374			
22	15	37	13	13	26	61	78	139	42	49	91	38	34	72	238	201	439			
427	305	732	101	88	189	615	549	1,164	457	315	772	112	83	195	662	574	1,236			
735	663	1,398	159	118	277	852	740	1,592	649	612	1,261	171	124	295	970	808	1,778			
1,421	1,013	2,434	181	124	305	681	532	1,213	1,485	1,080	2,565	150	105	255	841	630	1,471			
572	139	711	66	12	78	234	54	288	640	172	812	66	11	77	260	55	315			
591	229	820	65	45	110	408	146	554	575	248	823	69	43	112	422	184	606			
264	75	339	25	18	43	30	7	37	283	91	374	25	12	37	33	9	42			
67	29	96	21	3	24	160	36	196	63	28	91	21	8	29	176	28	204			
14,487	10,757	25,244	2,190	1,661	3,851	11,625	9,882	21,507	14,842	10,944	25,786	2,071	1,526	3,597	12,338	10,634	22,972			

TABEL 6.—STERFGEVALLE WEENS ALLE OORSAKE IN OUDERDOMSGROEPE, BLANKES, 1954-58. ||

Jaar. Year.	Geslag.—Sex.	Onder een dag. Under One Day.	Dae.—Days.				Totaal onder een maand. Total Under One Month.	Maande.—Months.				Totaal onder een jaar. Total Under One Year.	1	2	3	4	Totaal 0-4. Total 0-4.	5-
			1-6.	7-13.	14-20.	21-30.		1-2.	3-5.	6-8.	9-11.							
1954	Manlik—Male.....	270	361	72	33	35	771	144	173	94	76	1,258	121	62	40	34	1,515	111
	Vroulik—Female.....	240	275	60	25	34	634	92	161	102	51	1,040	101	56	47	28	1,272	92
	TOTAAL—TOTAL.....	510	636	132	58	69	1,405	236	334	196	127	2,298	222	118	87	62	2,787	203
1955	Manlik—Male.....	293	368	78	21	31	791	138	147	98	63	1,237	104	73	52	33	1,499	118
	Vroulik—Female.....	197	237	47	27	23	531	86	131	70	41	859	105	57	24	24	1,069	78
	TOTAAL—TOTAL.....	490	605	125	48	54	1,322	224	278	168	104	2,096	209	130	76	57	2,568	196
1956	Manlik—Male.....	319	378	72	36	18	823	134	181	96	61	1,295	117	73	61	35	1,581	145
	Vroulik—Female.....	248	251	45	20	21	585	93	119	61	61	919	100	57	33	33	1,142	109
	TOTAAL—TOTAL.....	567	629	117	56	39	1,408	227	300	157	122	2,214	217	130	94	68	2,723	254
1957	Manlik—Male.....	305	387	58	40	37	827	136	124	86	57	1,230	105	52	47	31	1,465	143
	Vroulik—Female.....	195	258	55	36	22	566	115	118	64	42	905	88	61	36	25	1,115	92
	TOTAAL—TOTAL.....	500	645	113	76	59	1,393	251	242	150	99	2,135	193	113	83	56	2,580	235
1958	Manlik—Male.....	291	389	64	32	24	800	136	159	77	48	1,220	115	67	44	32	1,478	118
	Vroulik—Female.....	234	268	61	26	30	619	91	135	75	32	952	99	34	33	26	1,144	76
	TOTAAL—TOTAL.....	525	657	125	58	54	1,419	227	294	152	80	2,172	214	101	77	58	2,622	194

\* 21-28 dae—21-28 days.  
 \*\* Onder 28 dae—Under 28 days.  
 \*\*\* 28 dae-2 maande—28 days-2 months.

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TABLE 6.—DEATHS FROM ALL CAUSES IN AGE GROUPS, WHITES, 1954-58.

15—16

10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75-	80-	85-	90-	95-	100 jaar en ouder. 100 Years and over.	Onge- speci- fiseer. Unspe- cified.	Totaal alle ouder- domme. Total All Ages.
96 56	142 68	250 78	207 102	229 146	356 213	509 301	712 410	832 468	1,066 586	1,365 778	1,412 978	1,575 1,188	1,575 1,226	1,172 1,073	655 699	218 248	39 69	6 7	5 1	14,047 10,059
152	210	328	309	375	569	810	1,122	1,300	1,652	2,143	2,390	2,763	2,801	2,245	1,354	466	108	13	6	24,106
75 60	169 84	200 71	205 94	223 122	323 173	472 300	709 385	787 484	1,016 573	1,263 712	1,423 919	1,462 1,131	1,468 1,185	1,141 1,107	574 722	198 289	43 70	3 10	2 2	13,373 9,640
135	253	271	299	345	496	772	1,094	1,271	1,589	1,975	2,342	2,593	2,653	2,248	1,296	487	113	13	4	23,013
115 68	186 76	271 93	217 110	261 148	333 209	502 303	725 415	887 477	1,032 597	1,358 824	1,557 1,020	1,478 1,253	1,626 1,287	1,212 1,143	714 816	241 313	43 66	6 14	3 5	14,493 10,488
183	262	364	327	409	542	805	1,140	1,364	1,629	2,182	2,577	2,731	2,913	2,355	1,530	554	109	20	8	24,981
114 58	204 84	265 88	206 141	284 156	346 198	475 300	798 473	983 525	1,013 531	1,415 903	1,572 1,111	1,531 1,251	1,578 1,346	1,136 1,207	679 792	224 309	42 68	7 8	7 1	14,487 10,757
172	288	353	347	440	544	775	1,271	1,508	1,544	2,318	2,683	2,782	2,924	2,343	1,471	533	110	15	8	25,244
87 78	206 74	299 89	235 124	268 126	335 235	517 282	740 407	1,043 558	1,053 582	1,292 841	1,648 1,071	1,648 1,310	1,569 1,394	1,280 1,203	752 871	216 364	48 97	3 13	7 5	14,842 10,944
165	280	388	359	394	570	799	1,147	1,601	1,635	2,133	2,719	2,958	2,963	2,483	1,623	580	145	16	12	25,786

TABEL 6A.—VERGELYKENDE STERFTESYFERS VAN SEKERE GROEPSE SIEKTES.  
TABLE 6A.—COMPARATIVE DEATH FIGURES OF CERTAIN DISEASE GROUPS.

Jaar. Year.	Aansleeklike en oordraagbare siektes. Infectious and Communicable Diseases. (B1-17, B23, B24, B30, B31).						Kwaadaardige siektes. Malignant Diseases. (B18).						Degeneratiewe siektes. Degenerative Diseases. (B22, B25, B26, B28, B29, B38).							
	Getal.—Number.		Syfer.—Rate.		Persent.—Per Cent.		Getal.—Number.		Syfer.—Rate.		Persent.—Per Cent.		Getal.—Number.		Syfer.—Rate.		Persent.—Per Cent.			
	T.	M. F.—V.	T.	M. F.—V.	T.	M. F.—V.	T.	M. F.—V.	T.	M. F.—V.	T.	M. F.—V.	T.	M. F.—V.	T.	M. F.—V.	T.	M. F.—V.		
1912-16.....	2,277	1,342	935	168	187	148	16.6	17.2	15.8	46	49	4.7	4.5	5.0	70	74	66	6.9	7.1	
1917-21.....	4,855	2,888	1,967	327	376	278	27.1	28.2	25.6	58	62	4.8	4.6	5.0	82	87	77	6.8	7.2	
1922-26.....	3,393	1,891	1,502	209	228	190	22.0	21.7	22.4	74	79	7.7	7.4	8.1	124	136	112	13.0	13.2	
1927-31.....	3,278	1,910	1,368	185	212	158	19.1	19.6	18.5	81	77	8.2	7.5	9.1	125	136	113	12.9	13.3	
1932-36.....	3,598	2,109	1,489	186	215	156	19.0	19.5	18.3	94	97	9.6	8.9	10.5	148	167	128	15.2	15.0	
1937-42.....	3,065	1,790	1,275	142	165	119	15.1	15.4	14.6	106	111	11.1	10.3	12.2	172	201	143	18.1	18.8	
1943-48.....	2,801	1,633	1,168	118	137	99	13.0	13.4	12.6	111	115	12.2	11.2	13.5	188	227	149	20.8	22.2	
1949.....	3,074	1,773	1,301	121	139	102	13.6	13.6	13.6	116	119	13.1	11.8	14.8	299	338	259	33.8	33.3	
1950.....	2,927	1,677	1,250	113	129	96	12.9	13.0	12.7	119	122	13.6	12.4	15.2	298	334	262	34.2	34.6	
1951.....	2,734	1,578	1,156	104	120	88	11.7	11.8	11.6	125	134	11.6	10.4	13.3	310	347	273	35.3	34.6	
1952.....	2,231	1,309	922	81	97	65	10.1	10.2	9.9	123	131	11.4	14.9	13.7	301	345	257	36.5	36.2	
1953.....	2,099	1,202	897	78	88	68	8.9	8.8	9.0	127	132	12.2	14.9	13.4	328	375	281	38.2	38.0	
1954.....	2,272	1,345	927	81	95	67	9.4	9.6	9.2	132	147	15.3	14.7	16.1	329	379	279	38.3	37.8	
1955.....	1,889	1,123	766	66	79	53	8.2	8.4	7.9	126	138	15.6	14.8	16.8	309	350	268	38.4	37.3	
1956.....	2,348	1,384	964	81	96	66	9.4	9.5	9.2	131	143	15.2	14.4	16.4	330	372	286	38.3	37.4	
1957.....	2,336	1,326	1,010	80	80	69	9.3	9.2	9.4	134	143	15.6	14.5	17.1	339	365	294	38.5	37.2	
1958.....	2,321	1,314	1,007	77	87	67	9.0	8.9	9.2	134	146	15.7	14.8	16.9	328	369	286	38.2	37.4	
BLANKES.—WHITES.																				
1937-42.....	1,072	575	497	434	436	432	30.8	29.8	32.0	87	46	41	35	35	36	36	2.5	2.4	2.6	
1943-48.....	1,286	676	610	449	451	446	31.0	29.6	32.7	105	55	50	37	37	36	36	2.5	2.4	2.7	
1949.....	1,351	707	644	383	387	379	33.4	31.2	36.2	125	59	66	32	32	32	39	3.1	2.6	3.7	
1950.....	1,070	516	554	294	274	314	30.1	26.6	34.2	133	68	65	36	36	36	37	3.7	3.6	4.0	
1951.....	996	516	480	264	265	262	28.5	25.7	32.3	157	98	59	50	50	50	32	4.5	4.9	4.0	
1952.....	869	465	404	226	235	216	24.3	22.4	26.8	155	83	72	42	42	42	38	4.3	4.0	4.8	
1953.....	806	422	384	209	205	195	23.1	21.4	25.2	148	66	82	32	32	32	42	4.2	3.4	5.4	
1954.....	848	463	385	202	222	198	23.2	21.9	25.0	171	98	73	47	47	47	36	4.7	4.6	4.7	
1955.....	852	455	397	202	212	192	24.2	22.5	26.5	157	85	72	39	39	39	35	4.5	4.2	4.8	
1956.....	1,023	542	481	237	245	228	26.6	24.7	29.0	158	82	76	37	37	37	36	4.1	3.7	4.6	
1957.....	883	483	400	200	215	185	24.5	23.3	26.2	120	68	52	30	30	30	24	3.3	3.3	3.4	
1958.....	7,773	3,995	3,778	940	961	918	39.9	39.7	40.2	485	235	250	57	57	61	61	2.5	2.3	2.7	
1943-48.....	8,692	4,544	4,148	933	973	893	42.2	42.0	42.4	591	296	295	63	63	63	63	2.9	2.7	3.0	
1949.....	9,883	5,111	4,772	956	988	924	43.4	42.7	44.2	696	342	354	66	66	66	68	3.1	2.9	3.3	
1950.....	9,172	4,639	4,533	858	868	847	42.2	41.4	43.2	707	350	357	65	65	65	67	3.3	3.1	3.4	
1951.....	8,694	4,606	4,088	785	833	736	40.5	40.7	40.3	765	395	370	72	72	72	72	3.6	3.5	3.6	
1952.....	8,180	4,332	3,848	719	362	676	38.8	38.3	39.4	827	432	395	76	76	76	69	3.9	3.8	4.0	
1953.....	7,153	3,826	3,327	612	656	567	34.1	34.0	34.2	817	425	392	73	73	73	67	3.9	3.8	4.0	
1954.....	7,185	3,850	3,335	595	639	551	33.8	34.2	33.3	922	490	432	81	81	81	71	4.3	4.4	4.3	
1955.....	6,452	3,420	3,032	521	554	487	30.7	30.7	30.7	967	538	429	87	87	87	69	4.6	4.8	4.7	
1956.....	5,909	3,212	2,697	461	503	419	27.4	27.5	27.2	1,021	559	462	88	88	88	72	4.7	4.8	4.8	
1957.....	6,144	3,376	2,768	467	515	418	28.6	29.0	28.0	995	527	468	80	80	80	71	4.6	4.5	4.7	
1958.....	6,123	3,288	2,835	450	486	414	26.7	26.6	26.7	1,103	584	519	86	86	86	76	4.8	4.7	4.9	
KLEURLINGE.—COLOURED.																				
1937-42.....	155	177	133	155	177	133	11.2	12.1	9.9	155	177	133	155	177	133	155	177	133	11.2	12.1
1943-48.....	167	186	148	167	186	148	11.6	12.2	10.9	167	186	148	167	186	148	167	186	148	11.6	12.2
1949.....	210	250	170	210	250	170	18.5	20.2	16.3	210	250	170	210	250	170	210	250	170	18.5	20.2
1950.....	197	232	162	197	232	162	20.5	22.8	17.8	197	232	162	197	232	162	197	232	162	20.5	22.8
1951.....	189	232	146	189	232	146	20.6	22.7	20.2	189	232	146	189	232	146	189	232	146	20.6	22.7
1952.....	211	258	168	211	258	168	24.3	25.9	22.3	211	258	168	211	258	168	211	258	168	24.3	25.9
1953.....	201	240	161	201	240	161	24.1	25.5	22.1	201	240	161	201	240	161	201	240	161	24.1	25.5
1954.....	214	258	169	214	258	169	24.0	25.9	21.6	214	258	169	214	258	169	214	258	169	24.0	25.9
1955.....	203	241	164	203	241	164	24.9	26.2	23.2	203	241	164	203	241	164	203	241	164	24.9	26.2
1956.....	156	158	154	156	158	154	6.7	6.5	6.8	156	158	154	156	158	154	156	158	154	6.7	6.5
1957.....	152	157	146	152	157	146	6.8	6.8	6.9	152	157	146	152	157	146	152	157	146	6.8	6.8
1958.....	251	242	260	251	242	260	11.4	10.5	12.5	251	242	260	251	242	260	251	242	260	11.4	10.5
1950.....	226	211	240	226	211	240	11.1	10.1	12.2	226	211	240	226	211	240	226	211	240	11.1	10.1
1951.....	230	230	230	230	230	230	11.9	11.2	12.6	230	230	230	230	230	230	230	230	230	11.9	11.2
1952.....	225	227	222	225	227	222	12.1	11.4	12.9	225	227	222	225	227	222	225	227	222	12.1	11.4
1953.....	229	229	229	229	229	229	12.8	11.8	13.8	229	229	229	229	229	229	229	229	229	12.8	11.8
1954.....	232	243	238	232	243	238	13.5	12.3	14.8	232	243	238	232	243	238	232	243	238	13.5	12.3
1955.....	227	218	246	227	218	246	12.1	14.8	14.8	227	218	246	227	218	246	227	218	246	12.1	14.8
1956.....	239	240	237	239	240	237	14.1	13.0	15.4	239	240	237	239	240	237	239	240	237	14.1	13.0
1957.....	230	226	234	230	226	234	14.2	12.8												



TABEL 7.—MOEDERSTERFTESYFERS, 1954-58. || TABLE 7.—MATERNAL MORTALITY, 1954-58.

Jaar. Year.	Lewende geboortes geregistree. 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.—WHITES.

1954.....	68,924	1	50	0·01	0·73	0·74
1955.....	70,332	5	46	0·07	0·65	0·72
1956.....	70,469	5	33	0·07	0·47	0·54
1957.....	73,301	5	30	0·07	0·41	0·48
1958.....	73,888	5	39	0·07	0·53	0·60

## ASIATE.—ASIATICS.

1954.....	13,877	3	36	0·22	2·59	2·81
1955.....	14,197	—	34	—	2·39	2·39
1956.....	13,136	7	26	0·53	2·00	2·51
1957.....	13,486	3	24	0·22	1·78	2·00
1958.....	13,600	12	34	0·88	2·50	3·38

## KLEURLINGE.—COLOURED.

1954.....	57,293	17	123	0·29	2·15	2·44
1955.....	57,512	24	112	0·42	1·95	2·36
1956.....	58,536	19	131	0·32	2·24	2·56
1957.....	62,924	25	115	0·40	1·83	2·22
1958.....	63,982	17	121	0·27	1·89	2·16

TABEL 8.—BLANKE STERFGEVALLE WEENS KRAAMOORSAKE, GERE-  
STREER VOLGENS OUDERDOMSGROEPE, JAAR GEËINDIG 31 DESEM-  
BER 1958.

TABLE 8.—WHITE DEATHS  
BY AGE GROUPS, YEAR  
1958.

Oorsake van Dood.—Cause of Death.

XI.—GEBORTES EN KOMPLIKASIES VAN SWANGERSKAP, BEVALLING EN KRAAMTYD.—DELIVERIES AND COMPLICATIONS OF PREGNANCY, CHILDBIRTH AND THE PUERPERIUM.

<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 geslagsurinekanaal tydens swangerskap—Other infections of genito-urinary tract during pregnancy. ....
642	Bloedvergiftiging van swangerskap—Toxaemias of pregnancy. ....
643	Placenta praevia. ....
644	Ander bloedings van swangerskap—Other haemorrhage of pregnancy. ....
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. ....	
<i>Miskraam (650-652).—Abortion (650-652).</i>	
650	Miskraam sonder melding van sepsis of bloedvergiftiging—Abortion without mention of sepsis or toxaemia. ....
651	Miskraam met sepsis—Abortion with sepsis. ....
652	Miskraam met bloedvergiftiging, sonder melding van sepsis—Abortion with toxaemia, without mention of sepsis. ....
SUBTOTAAL, 650-652—SUB-TOTAL, 650-652. ....	
<i>Geboorte met gespesifiseerde komplikasie (670-678).—Delivery with Specified Complication (670-678).</i>	
670	Geboorte gekompliseer deur Placenta praevia of voorgeboortelike bloeding—Delivery complicated by placenta praevia or antepartum haemorrhage. ....
671	Geboorte gekompliseer deur agtergeblewe plasenta—Delivery complicated by retained placenta. ....
672	Geboorte gekompliseer deur ander nageboortelike bloeding—Delivery complicated by other postpartum haemorrhage. ....
673	Geboorte gekompliseer deur abnormaliteit van benige bekken—Delivery complicated by abnormality of bony pelvis. ....
674	Geboorte gekompliseer deur oneweredige proporsies of verkeerde ligging van vrug—Delivery complicated by disproportion or malposition of foetus. ....
675	Geboorte gekompliseer deur langdurige bevalling weens ander oorsaak—Delivery complicated by prolonged labour of other origin. ....
676	Geboorte met skeuring van bilnaat, sonder tekens van ander skeuring—Delivery with laceration of perineum, without mention of other laceration. ....
677	Geboorte met ander beserings—Delivery with other trauma. ....
678	Geboorte met ander komplikasies van bevalling—Delivery with other complications of childbirth. ....
SUBTOTAAL, 670-678—SUB-TOTAL, 670-678. ....	
<i>Komplikasies van die kraamtyd (680-689).—Complications of the Puerperium (680-689).</i>	
680	Nageboortelike urinêre infeksie sonder ander sepsis—Puerperal urinary infection without other sepsis. ....
681	Sepsis van bevalling en kraamtyd—Sepsis of childbirth and the puerperium. ....
682	Nageboortelike flebitis en trombose—Puerperal phlebitis and thrombosis. ....
683	Koors van onbekende oorsprong gedurende die kraamtyd—Pyrexia of unknown origin during the puerperium. ....
684	Nageboortelike longembolie—Puerperal pulmonary embolism. ....
685	Nageboortelike eklampsie—Puerperal eclampsia. ....
686	Ander vorms van nageboortelike bloedvergiftiging—Other forms of puerperal toxaemia. ....
687	Harsingbloeding 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 melkafskeidingsteurings—Mastitis and other disorders of lactation. ....
SUBTOTAAL, 680-689—SUB-TOTAL, 680-689. ....	
TOTAAL, KLAS XI, 640-689—TOTAL, CLASS XI, 640-689. ....	

Hierdie tabelle is in ooreenstemming met die Internasionale Klassifikasie van oorsake van dood, aangeneem d  
These tables are in accordance with the International Classification of causes of deaths adopted by th

THS FROM PUERPERAL CAUSES, REGISTERED BY  
 AR ENDED 31ST DECEMBER, 1958.

15-19.	20-24.	25-29.	30-34.	35-39.	40-44.	45 en ouër. 45 and over.	Totaal alle ouder- domme. Total All Ages
—	1	—	—	—	—	—	1
—	2	—	1	2	—	—	5
—	—	—	—	—	—	—	—
—	—	—	1	—	—	—	1
—	—	—	—	—	—	—	—
—	—	2	—	—	—	—	2
—	—	—	—	—	—	—	—
—	3	2	2	2	—	—	9
—	—	—	—	—	1	—	1
—	2	1	1	—	—	—	4
—	—	—	—	—	—	—	—
—	2	1	1	—	1	—	5
—	—	—	—	—	—	—	—
1	1	—	—	—	—	—	1
—	3	1	2	2	—	—	8
—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—
—	1	1	—	—	—	—	2
—	2	2	—	—	1	—	5
1	7	4	2	3	1	—	18
—	—	—	—	—	—	—	—
—	—	—	1	—	—	—	1
—	—	—	—	1	—	—	1
—	1	1	—	—	—	—	2
1	—	1	—	—	1	—	3
—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—
1	1	2	1	1	1	—	7
2	13	9	6	6	3	—	39

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

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

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

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

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

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

TABEL 11.—GERAAMDE BEVOLKING VOLGENS RAS SOOS OP 30 JUNIE 1958. || TABLE 11.—ESTIMATED POPULATION BY RACE AS AT THE 30TH JUNE, 1958.

Provinsie. Province.	Blankes.—Whites.			Bantoes.—Bantu.			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.....	505,000	519,000	1,024,000	1,261,000	1,453,000	2,714,000	11,000	9,000	20,000	599,000	605,000	1,204,000
Natal.....	164,000	162,000	326,000	957,000	999,000	1,956,000	182,000	179,000	361,000	20,000	23,000	43,000
Transvaal.....	699,000	699,000	1,398,000	2,187,000	1,815,000	4,002,000	32,000	28,000	60,000	49,000	49,000	98,000
Oranje-Vrystaat—Orange Free State.....	136,000	127,000	263,000	499,000	435,000	934,000	—	—	—	8,000	7,000	15,000
UNIE—UNION.....	1,504,000	1,507,000	3,011,000	4,904,000	4,702,000	9,606,000	225,000	216,000	441,000	676,000	684,000	1,360,000

TABEL 12.—AANMELDING VAN SIEKTES EN GEREGISTREERDE STERFGEVALLE GEDURENDE DIE

Pronvinsie. Province.	Miltsiekte. Anthrax.		Brusellose. Brucellosis.		Witseerkeel. Diphtheria.		Besmetlike Harsingontsteking. Encephalitis, Infective.		Belroos. Erysipelas.		Insektegifvergiftiging. Insecticidal Poisoning.		Loodvergiftiging. Lead Poisoning.		Leprose. Leprosy.	
	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.	Gevalle. Cases.	Sterf- gevalle. Deaths.	Gevalle. Cases.	Sterf- gevalle. Deaths.	Gevalle. Cases.	St gev De
Kaap—Cape.....	—	—	—	1	223	27	6	2	6	—	—	—	—	—	—	—
Natal.....	—	—	1	—	98	5	33	1	6	—	—	—	—	—	—	—
Transvaal.....	—	—	4	1	271	13	89	1	12	—	4	—	—	—	—	—
Oranje-Vrystaat—Orange Free State....	—	—	1	—	23	2	2	—	5	—	—	—	—	—	—	—
Ongespesifiseer—Unspecified.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	6
TOTAAL—TOTAL.....	—	—	6	2	615	47	130	4	29	—	4	—	—	—	—	6
Kaap—Cape.....	11	—	—	—	619	26	6	1	2	—	—	—	—	—	—	—
Natal.....	21	—	1	—	388	43	45	—	2	—	—	—	—	—	—	—
Transvaal.....	4	—	17	1	765	65	38	—	2	—	92	—	—	—	—	—
Oranje-Vrystaat—Orange Free State....	9	—	—	—	378	9	3	—	2	—	—	—	—	—	—	—
Ongespesifiseer—Unspecified.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	574
TOTAAL—TOTAL.....	45	—	18	1	2,150	143	92	1	8	—	92	—	—	—	—	574
Kaap—Cape.....	—	—	—	—	11	1	—	—	—	—	—	—	—	—	—	—
Natal.....	—	—	1	—	95	21	7	—	—	—	—	—	—	—	—	—
Transvaal.....	—	—	—	—	16	1	2	—	—	—	—	—	—	—	—	—
Oranje-Vrystaat—Orange Free State....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ongespesifiseer—Unspecified.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1
TOTAAL—TOTAL.....	—	—	1	—	122	23	9	—	—	—	—	—	—	—	—	1
Kaap—Cape.....	—	—	—	—	360	93	9	1	5	—	—	—	—	—	—	—
Natal.....	—	—	—	—	13	1	—	—	—	—	—	—	—	—	—	—
Transvaal.....	—	—	—	—	38	7	2	—	—	—	—	—	—	—	—	—
Oranje-Vrystaat—Orange Free State....	—	—	—	—	6	2	—	—	—	—	—	—	—	—	—	—
Ongespesifiseer—Unspecified.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3
TOTAAL—TOTAL.....	—	—	—	—	417	103	11	1	5	—	—	—	—	—	—	3
Kaap—Cape.....	11	—	—	1	1,213	147	21	4	13	—	—	—	—	—	—	—
Natal.....	21	—	3	—	594	70	85	1	8	—	—	—	—	—	—	—
Transvaal.....	4	—	21	2	1,090	86	131	1	14	—	96	—	—	—	—	—
Oranje-Vrystaat—Orange Free State....	9	—	1	—	407	13	5	—	7	—	—	—	—	—	—	—
Ongespesifiseer—Unspecified.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	584
TOTAAL—TOTAL.....	45	—	25	3	3,304	316	242	6	42	—	96	—	—	—	—	584

L.W.—Die feit dat daar soms meer sterfgevallen aangegee is as gevalle, moet verklaar word deur die onvolledige N.B.—The fact that in some instances more deaths have been notified than cases, is to be explained by the incompleteness of the registration.

\* Afsonderlike syfers nie beskikbaar.

\* Separate figures not available.

† Registrasie van Bantoesterfgevallen is onvolledig en gegewens ten opsigte van Bantoesterfgevallen het slegs op die hoofstad betrekking. † Registration of Bantu deaths is incomplete and the figures for Bantu deaths relate to the principal urban areas only.

R GEËINDIG 31 DESEMBER 1958. || TABLE 12.—NOTIFICATION OF DISEASES AND REGISTERED DEATHS DURING THE YEAR ENDED THE 31st DECEMBER, 1958.

Malaria. Malaria.		Meningokokkale Meningitis (Serebrospinalekoors). Meningococcal Meningitis (Cerebro-spinal Fever).		Oogontsteking. Ophthalmia.		Pes. Plague.		Akute Poliomiëlitis. Poliomyelitis. Acute.		Kraambedsepsis. Puerperal Sepsis.		Hondsdotheid. Rabies.		Skarlakenkoors. Scarlatina.		Pokkies. Smallpox.		Tragoom. Trachoma.	
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.	Gevalle. Cases.	Sterf- gevalle. Deaths.	Gevalle. Cases.	Sterf- gevalle. Deaths.	Gevalle. Cases.	Sterf- gevalle. Deaths.	Gevalle. Cases.	Sterf- gevalle. Deaths.	Gevalle. Cases.	St gev De
I.—BLANKES.—WHITES.																			
4	—	25	7	19	—	—	—	62	6	2	1	—	2	—	1	360	—	—	—
14	1	17	—	—	—	—	—	32	2	9	1	—	—	—	307	—	—	—	
59	3	67	12	5	—	—	—	134	8	51	3	—	—	—	1,027	—	—	—	
8	—	2	1	—	—	—	—	29	4	1	—	—	—	—	148	—	—	—	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
85	4	111	20	24	—	—	—	257	20	63	5	2	1	1,842	—	—	—	3	
II.—BANTOES.—BANTU†.																			
—	1	52	2	108	—	—	—	105	3	81	5	—	2	—	38	—	—	—	
99	—	66	6	189	—	—	—	38	—	166	2	—	—	—	8	—	—	—	
199	2	389	29	97	—	—	—	129	4	173	31	—	—	—	10	—	—	—	
13	—	121	—	10	—	—	—	35	1	3	—	—	—	—	5	—	—	—	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
311	3	628	37	404	—	—	—	307	8	423	38	2	—	61	—	—	—	124	
III.—ASIATE.—ASIATICS.																			
—	—	1	1	3	—	—	—	1	—	1	—	—	—	—	2	—	—	—	
2	—	6	3	14	—	—	—	6	—	31	11	—	—	—	1	—	—	—	
—	—	2	—	—	—	—	—	1	—	—	1	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
2	—	9	4	17	—	—	—	8	—	32	12	—	—	4	—	—	—	—	
IV.—KLEURLINGE.—COLOUREDS.																			
—	—	86	28	441	—	—	—	94	3	18	15	—	—	1	21	—	—	—	
—	—	4	—	—	—	—	—	1	—	13	—	—	—	—	—	—	—	—	
—	—	7	3	3	—	—	—	8	—	4	2	—	—	—	2	—	—	—	
—	—	1	—	—	—	—	—	—	—	1	—	—	—	—	7	—	—	—	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
—	—	98	31	444	—	—	—	103	3	36	17	—	—	1	30	—	—	—	
V.—TOTAAL (ALLE RASSE).—TOTAL (ALL RACES).																			
4	1	164	38	571	—	—	—	262	12	102	21	—	4	—	2	421	—	—	
115	1	93	9	203	—	—	—	77	2	219	14	—	—	—	316	—	—	—	
258	5	465	44	105	—	—	—	272	12	228	37	—	—	—	1,040	—	—	—	
21	—	124	1	10	—	—	—	64	5	5	—	—	—	—	160	—	—	—	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
398	7	846	92	889	—	—	—	675	31	554	72	4	2	1,937	—	—	—	146	

in die opgawes van gevalle wat by die Departement ingedien word.  
of the returns regarding cases rendered to the Department.

nste stedelike gebiede betrekking. [In die geval van tuberkulose, byvoorbeeld, word beraam dat daar ten minste 10,000 sterfgevallen van hierdie siekte (alle vorms) per jaar voorkom.]  
the case of tuberculosis, for instance, it is estimated that at least 10,000 deaths occur from this disease (all forms) per year.]

Pökkies. Smallpox.		Tragoom. Trachoma.		Tuberkulose van die Asemhalingsorgane. Tuberculosis, Respiratory.		Tuberkulose, nie van die Asemhalingsorgane. Tuberculosis, Non-respiratory.		Tifoëdkoors. Typhoid Fever.		Vlektifus. Typhus Fever.	
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.	Gevalle. Cases.	Sterf- gevalle. Deaths.
—	—	—	—	685	100	15	10	26	2	—	1
—	—	—	—	155	29	8	2	18	1	—	—
—	—	3	—	476	53	76	10	84	3	—	—
—	—	—	—	34	9	4	4	13	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	3	—	1,350	191	103	26	141	6	—	1
—	—	3	—	19,009	431	269	120	435	10	96	—
—	—	2	—	11,672	435	609	106	988	31	—	—
—	—	119	—	14,238	787	1,000	256	1,358	24	1	—
—	—	—	—	1,632	39	78	12	396	7	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	124	—	46,551	1,692	1,956	494	3,177	72	97	—
—	—	—	—	147	3	7	4	—	—	—	—
—	—	—	—	642	56	94	22	41	2	—	—
—	—	—	—	77	7	19	3	4	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	866	66	120	29	45	2	—	—
—	—	18	—	6,418	1,259	272	334	182	17	1	1
—	—	—	—	168	24	10	4	38	—	—	—
—	—	1	—	479	80	43	10	9	—	—	—
—	—	—	—	28	19	1	5	7	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	19	—	7,093	1,382	326	353	236	17	1	1
—	—	21	—	26,259	1,793	563	468	643	29	97	2
—	—	2	—	12,637	544	721	134	1,085	34	—	—
—	—	123	—	15,270	927	1,138	279	1,455	27	1	—
—	—	—	—	1,694	67	83	21	416	7	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	146	—	55,860	3,331	2,505	902	3,599	97	98	2



TABEL 13 (a).—WITSEERKEEL: SIEKTE- EN STERFTESYFER (VOLGENS RAS) IN DIE UNIE VAN SUID-AFRIKA, 1945-58.

TABLE 13 (a).—DIPHTHERIA: MORBIDITY AND MORTALITY (BY RACE) IN THE UNION OF SOUTH AFRICA, 1945-58.

Jaar.—Year.	Blankes.—Whites.			Nie-Blankes.—Non-Whites.	
	Gevalle aangegee per 100,000. Notified Cases per 100,000.	Blanke sterfgevälle per 100,000. White Deaths per 100,000.	$\frac{\text{Sterfgevälle Aangifte Deaths}}{\text{Notifikasies Notifications}} \times 100.$	Gevalle aangegee per 100,000. Notified Cases per 100,000.	Sterfgevälle per 100,000. Deaths per 100,000.
1945.....	76.5	4.6	6.1	14.4	} Noukeurige syfers nie beskikbaar nie. Accurate figures not available.
1946.....	62.5	2.5	3.9	13.7	
1947.....	45.9	1.8	3.9	13.4	
1948.....	43.6	2.1	4.9	17.5	
1949.....	50.3	2.8	5.5	20.0	
1950.....	41.5	2.0	4.8	17.0	
1951.....	43.0	3.0	7.0	27.4	
1952.....	44.1	2.6	5.9	24.3	
1953.....	41.9	3.3	8.1	19.9	
1954.....	39.2	2.5	6.3	21.1	
1955.....	31.4	2.0	6.3	23.0	
1956.....	32.13	2.6	8.1	23.5	
1957.....	22.22	1.8	8.0	21.3	
1958.....	20.42	1.6	7.6	23.6	

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

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

TABLE 13 (b).—WITSEERKEEL: VERSPREIDING VAN GEVALLE EN STERFGEVALLE (VOLGENS RAS EN OUDERDOM) GEDURENDE DIE JAAR GEËËNDIG 31 DESEMBER 1958. || TABLE 13 (b).—DIPHThERIA: DISTRIBUTION OF CASES AND DEATHS (BY RACE AND AGE) DURING THE YEAR ENDED THE 31ST DECEMBER, 1958.

Provinsie. Province.	Gevalle.—Cases.					Jaarlike voorkoms- syfer per 100,000 van die bevolking. Annual Incidence rate per 100,000 of the Popu- lation.	Sterfgevälle.—Deaths.					Sterfte- syfer per 100,000 van die bevolking. Death Rate-per 100,000 of the Popu- lation.
	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.		Totaal. Total.	Onder 1 jaar. Under 1 Year.	1-4 jaar. 1-4 Years.	5-9 jaar. 5-9 Years.	10-19 jaar. 10-19 Years.	
BLANKES.—WHITES.												
Kaap—Cape.....	14	90	61	29	29	223	2	20	4	—	1	27
Natal.....	5	33	37	10	13	98	—	1	3	—	—	5
Transvaal.....	14	109	81	43	24	271	1	9	2	—	13	
Oranje-Vrystaat—Orange Free State.....	1	13	8	—	1	23	—	2	—	—	2	
UNIE—UNION.....	34	245	187	82	67	615	3	32	9	2	47	
BANTOES.—BANTU.*												
Kaap—Cape.....	31	279	176	94	39	619	8	13	5	—	—	26
Natal.....	38	215	73	33	29	388	4	33	6	—	—	43
Transvaal.....	38	365	218	86	58	765	6	45	12	—	—	65
Oranje-Vrystaat—Orange Free State.....	12	156	131	60	19	378	—	6	3	—	—	9
UNIE—UNION.....	119	1,015	598	273	145	2,150	18	97	26	2	—	143
ASIATE.—ASIATICS.												
Kaap—Cape.....	—	5	3	3	—	11	—	1	—	—	—	1
Natal.....	7	45	27	9	7	95	1	15	4	—	—	21
Transvaal.....	1	5	5	3	2	16	—	1	—	—	—	1
Oranje-Vrystaat—Orange Free State.....	—	—	—	—	—	—	—	—	—	—	—	—
UNIE—UNION.....	8	55	35	15	9	122	1	17	4	1	—	23
KLEURLINGE.—COLOUREDS.												
Kaap—Cape.....	35	202	65	34	24	360	9	59	18	5	2	93
Natal.....	1	8	2	1	1	13	—	1	—	—	—	1
Transvaal.....	4	24	6	3	1	38	—	4	—	—	—	7
Oranje-Vrystaat—Orange Free State.....	—	3	2	1	—	6	—	1	1	—	—	2
UNIE—UNION.....	40	237	75	39	26	417	9	65	21	6	2	103

\* Syfers betreffende Bantoessterfgevälle het slegs op die vermaamste stedelike gebiede betrekking.  
\* Figures for Bantu deaths relate to the principal urban areas only.

TABEL 14 (a).—LEPROSE-INRIGTINGS: GETAL PASIËNTE OP 31 DESEMBER 1958.

TABLE 14 (a).—LEPER INSTITUTIONS: NUMBER OF PATIENTS ON 31ST DECEMBER, 1958.

Inrigting. Institution.	Blankes. Whites.		Bantoes. Bantu.		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).....	24	8	575	273	40	16	3	1	642	298	940
Mkambati.....	—	—	42	66	—	—	—	—	42	66	108
Mjanyana.....	—	—	130	128	—	—	—	—	130	128	258
Amatikulu.....	—	—	133	71	—	—	—	—	133	71	204
TOTAAL—TOTAL.....	24	8	880	538	40	16	3	1	947	563	1,510

TABEL 14 (b).—LEPROSE-INRIGTINGS: PASIËNTE OPGENEEM, ONTSLAAN EN OORLEDE, JAAR GEËINDIG 31 DESEMBER 1958.

TABLE 14 (b).—LEPER INSTITUTIONS: ADMISSIONS, DISCHARGES AND DEATHS, YEAR ENDED 31ST DECEMBER, 1958.

Inrigting.—Institution.	Pasiënte opgeneem.—Admissions.		Pasiënte ontslaan. Discharges.	Sterfgevälle.† Deaths.†
	Nuwe gevälle. New Cases.	Hervatte gevälle. Recrudescend Cases.		
Westfort (Pretoria).....	327	25	470	34
Mkambati.....	30	11	83	3
Mjanyana.....	109	34	187	8
Amatikulu.....	118	4	224	15
TOTAAL—TOTAL.....	584	74	964	60

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

TABEL 15 (a).—MALARIA: HUTTE MET NAWERKENDE INSEKDODENDE MIDDELS BEHANDEL, 1 JULIE 1952 TOT 31 DESEMBER 1958.

TABLE 15 (a).—MALARIA: HUTS TREATED WITH RESIDUAL INSECTICIDES, 1ST JULY, 1952, TO 31ST DECEMBER, 1958.

Tydperk.—Period.	Transvaal.	Natal.	Kaap.—Cape.
1/7/52-31/12/52.....	—	66,897	—
1/7/52-30-6-53.....	414,787	—	—
1/1/53-31/12/53.....	—	199,902	—
1/7/53-30/6/54.....	287,566	—	—
1/1/54-31/12/54.....	—	178,622	—
1/7/54-30/6/55.....	352,863*	—	—
1/1/55-31/12/55.....	—	157,515	—
1/7/55-30/6/55.....	318,893	—	—
1/1/56-31/12/56.....	—	178,907	—
1/1/57-31/12/57.....	264,555	141,811	800
1/1/58-31/12/58.....	239,065	138,500	1,636

\* 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.

TABEL 15 (b).—VEKTORE WAT MET KONTROLEBESPUITING GEVIND IS, 1 JULIE 1951 TOT 31 DESEMBER 1958.

TABLE 15 (b).—VECTORS FOUND IN CHECK-SPRAYING, 1ST JULY, 1951, TO 31ST DECEMBER, 1958.

Tydperk.—Period.	Hutte waar kontrolebespuiting uitgevoer is. Huts Check-sprayed.			Vektore gekry. Vectors found.			Verhouding van vektore per hut. Ratio of Vectors per hut.		
	Kaap. Cape.	Transvaal.	Natal.	Kaap. Cape.	Transvaal.	Natal.*	Kaap. Cape.	Transvaal.	Natal.
1/7/1951-30/6/1952.....	—	157,063	24,360	—	1,133	1,096	—	1: 139	1: 22·2
1/7/1952-31/12/1952.....	—	—	9,691	—	—	56	—	—	1: 173
1/7/1952-30/6/1953.....	—	145,219	—	—	5,806	—	—	1: 25	—
1/1/1953-31/12/1953.....	—	—	47,150	—	—	6,924	—	—	1: 6·8
1/7/1953-30/6/1954.....	—	149,911	—	—	716	—	—	1: 208	—
1/1/1954-31/12/1954.....	—	—	54,190	—	—	478	—	—	1: 117·4
1/7/1954-30/6/1955.....	—	165,423	—	—	1,101	—	—	1: 150	—
1/1/1955-31/12/1955.....	—	—	45,763	—	—	66	—	—	1: 693·4
1/7/1955-30/6/1956.....	—	179,077	—	—	900	—	—	1: 200	—
1/1/1956-31/12/1956.....	—	—	68,357	—	—	33	—	—	1: 2,071
1/1/1957-31/12/1957.....	100	174,410	80,157	4	3,023	301	1: 25	1: 58	1: 266·3
1/1/1958-31/12/1958.....	221	142,066	78,705	—	6,104	177	—	1: 23	1: 445

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

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

TABEL 15 (c).—GETAL POSITIEWE SMERE WAT ONDERSOEK IS, 1 JULIE 1951 TOT 31 DESEMBER 1958.

TABLE 15 (c).—NUMBER OF POSITIVE SMEARS EXAMINED, 1ST JULY, 1951, TO 31ST DECEMBER, 1958.

Tydperk.—Period.	Kaap.—Cape.	Transvaal.	Natal.	Totaal.—Total.
1/7/1951-30/6/1952.....	—	19	35	54
1/7/1952-31/12/1952.....	—	—	12	12
1/7/1952-30/6/1953.....	—	700	—	700
1/1/1953-31/12/1953.....	—	—	1,039	1,039
1/7/1953-30/6/1954.....	—	99†	—	99
1/1/1954-31/12/1954.....	—	—	62	62
1/7/1954-30/6/1955.....	—	245‡	—	245
1/1/1955-31/12/1955.....	—	—	57*	57
1/7/1955-30/6/1956.....	—	163	—	163
1/1/1956-31/12/1956.....	—	—	62	62
1/1/1957-31/12/1957.....	1	434	32	467
1/1/1957-31/12/1958.....	21	—	88	—

\* Sewentien ingevoerde gevalle en 40 inheemse gevalle.

\* Seventeen 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 16.—VOORKOMS EN VERSPREIDING VAN MENSLIKE PES, 1 JANUARIE 1954 TOT 31 DESEMBER 1958. TABLE 16.—OCCURRENCE AND DISTRIBUTION OF HUMAN PLAGUE, 1ST JANUARY, 1954, TO 31ST DECEMBER, 1958.

Distrik. District.	1954.			1955.			1956.			1957.			1958.		
	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.
Kaaprovinsie—Cape Province—															
Aliwal-Noord—Aliwal North.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Calvinia.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Camaron.....	1	1	1	—	—	—	—	—	—	—	—	—	—	—	—
Kenhardt.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Port Elizabeth.....	—	—	—	—	3	—	—	—	—	—	—	—	—	—	—
St. Marks.....	—	—	—	—	2	—	—	—	—	—	—	—	—	—	—
Uitenhage.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vryburg.....	—	6	4	—	—	—	—	—	—	—	—	—	—	—	—
Williston.....	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Oranje-Vrystaat—Orange Free State—															
Bothaville.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Heilbron.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Koppies.....	2	5	—	—	—	—	—	—	—	—	—	—	—	—	—
Kroonstad.....	3	5	3	—	—	—	—	—	—	—	—	—	—	—	—
Ladybrand.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Thaba Nchu.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
TOTAAL—TOTAL.....	9	17	8	—	8	—	—	2	3	—	4	7	4	—	—

TABLE 17 (a).—AKUTE POLIOMIELITIS: AANGIFTE EN STERFGEVALLE VOLGENS RAS AANGEHEE GEDURENDE DIE JAAR GEËINDIG 31 DESEMBER 1958.

Maand. Month.	Kaapprovinsie. Cape Province.			Natal.			Transvaal.			Oranje-Vrystaat. Orange Free State.			Unie. Union.						
	Blankes. Whites.	Bantoes. Bantu.	Asiate. Asiatics.	Blankes. Whites.	Bantoes. Bantu.	Asiate. Asiatics.	Blankes. Whites.	Bantoes. Bantu.	Asiate. Asiatics.	Blankes. Whites.	Bantoes. Bantu.	Asiate. Asiatics.	Blankes. Whites.	Bantoes. Bantu.	Asiate. Asiatics.				
	Kleur- linge. Colour- eds.	Kleur- linge. Colour- eds.	Kleur- linge. Colour- eds.	Kleur- linge. Colour- eds.	Kleur- linge. Colour- eds.	Kleur- linge. Colour- eds.	Kleur- linge. Colour- eds.	Kleur- linge. Colour- eds.	Kleur- linge. Colour- eds.	Kleur- linge. Colour- eds.	Kleur- linge. Colour- eds.	Kleur- linge. Colour- eds.	Kleur- linge. Colour- eds.	Kleur- linge. Colour- eds.	Kleur- linge. Colour- eds.				
Januarie—January.....	9	6	1	4	2	—	28	13	1	—	4	3	4	3	—	45	24	2	10
Februarie—February...	8	4	—	4	1	1	22	10	—	1	7	7	1	7	—	35	22	1	10
Maart—March.....	4	12	—	5	—	1	15	15	—	—	2	4	2	4	—	26	31	1	4
April.....	4	13	—	7	6	—	6	10	—	—	—	—	—	—	—	17	29	—	5
Mei—May.....	3	15	—	—	2	—	11	7	—	—	3	—	3	—	—	17	24	—	11
Junie—June.....	7	8	—	4	2	—	5	8	—	—	1	5	1	5	—	17	23	—	10
Julie—July.....	9	5	—	—	1	1	4	11	—	4	2	—	2	—	—	15	17	1	16
Augustus—August.....	4	7	—	2	4	—	10	15	—	1	1	2	1	2	—	17	28	—	10
September.....	3	6	—	—	4	—	5	2	—	—	—	2	—	2	—	8	14	—	7
Oktober—October.....	1	8	—	1	6	—	4	5	—	1	2	3	2	3	—	8	22	—	4
November.....	2	10	—	2	5	1	7	9	—	—	3	2	3	2	—	14	26	1	6
Desember—December..	8	11	—	3	5	2	17	24	—	1	10	7	10	7	—	38	47	2	10
TOTALE GEVALLE— TOTAL CASES.....	62	105	1	32	38	6	134	129	1	8	29	35	257	307	8	103			
TOTALE STERFGEVALLE TOTAL DEATHS.....	6	3*	—	2	—	—	8	4*	—	—	4	1*	20	8*	—	3			

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

\* Figures for Bantu 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 AANGEGEE EN DIE VERSPREIDING DAARVAN SEDERT 1 JULIE 1940.

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

Tidperk. Period.	Kaapprovinsie. Cape Province.		Natal.		Transvaal.		Oranje-Vrystaat. Orange Free State.		Unie. Union.
	Blankes. Whites.	Nie- blankes. Non- Whites.	Blankes. Whites.	Nie- blankes. Non- Whites.	Blankes. Whites.	Nie- blankes. Non- Whites.	Blankes. Whites.	Nie- blankes. Non- Whites.	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
31/12/1957.....	281	585	337	337	494	246	66	96	2,442
31/12/1958.....	62	200	32	45	134	138	29	35	675









TABEL 18 (b).—HONSDOLHEID: BEKENDE  
GETAL GEVALLE EN DIERE VERANT-  
WOORDELIK VIR OORDRAGING, JAAR  
GEËINDIG 31 DESEMBER 1958.

Diere verantwoordelik vir oordraging. Animals responsible for transmission.
Geen.—None.

TABLE 18 (b).—RABIES: KNOWN NUMBER OF  
CASES AND ANIMALS RESPONSIBLE FOR  
TRANSMISSION, YEAR ENDED THE 31ST  
DECEMBER, 1958.

Bekende getal gevalle van Hondsdolheid (Mense). Known Number of Cases of Rabies (Humans).
Geen.—None.

TABEL 19.—POKKIES: PROVINSIALE VOOR-  
KOMSSYFER, JANUARIE 1954 TOT 1  
DESEMBER 1958.

Provinsie. Province.	1954.	1955.	1956.	1957.	1958.
Kaap—Cape.....	1	7	1	—	—
Natal.....	—	1	3	—	—
Transvaal.....	6	19	—	—	—
Oranje-Vrystaat—Orange Free State.....	—	—	—	—	—
	7	27	4	—	—

TABLE 19.—SMALLPOX: PROVINCIAL INCI-  
DENCE, JANUARY, 1954 TO 1ST DECEM-  
BER, 1958.

Provinsie. Province.	1954.	1955.	1956.	1957.	1958.
Kaap—Cape.....	1	7	1	—	—
Natal.....	—	1	3	—	—
Transvaal.....	6	19	—	—	—
Oranje-Vrystaat—Orange Free State.....	—	—	—	—	—
	7	27	4	—	—

TABEL 20 (a).—TUBERKULOSE: VERSPREIDING VAN GEVALLE EN STERFGEVALLE, VOLGENS RAS EN OUDERDOM, AANGEMELD GEDURENDE DIE JAAR GEËINDIG 31 DESEMBER 1958.

TABLE 20 (a).—TUBERCULOSIS: DISTRIBUTION REPORTED DURING THE YEAR END

	0-4 Jaar. 0-4 Years.		5-9 Jaar. 5-9 Years.		10-14 Jaar. 10-14 Years.		15-19 Jaar. 15-19 Years.		20-24 Jaar. 20-24 Years.		25-29 Jaar. 25-29 Years.		30-39 Jaar. 30-39 Years.		40-49 Jaar. 40-49 Years.	
	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.	Gevalle. Cases.	Sterf- gevalle. Deaths.	Gevalle. Cases.	Sterf- gevalle. Deaths.	Gevalle. Cases.	Sterf- gevalle. Deaths.
BLANKES.—WHITES.																
Kaap—Cape.....	122	9	51	2	16	1	33	2	66	3	53	2	92	15	110	16
Transvaal.....	102	2	59	1	12	—	8	2	24	—	20	2	68	7	92	9
Oranje-Vrystaat—Orange Free State.....	4	1	2	—	1	—	1	—	5	—	5	—	3	0	2	6
Natal.....	9	—	12	—	2	—	3	—	14	—	10	1	35	3	26	4
TOTAAL—TOTAL.....	237	12	124	3	31	1	45	4	109	3	88	5	198	25	230	35
BANTOES.—BANTU.																
Kaap—Cape.....	4,819	224	2,212	19	1,213	12	984	22	1,083	31	1,323	33	2,512	62	2,190	51
Transvaal.....	3,120	211	1,512	28	809	16	683	35	1,077	79	1,181	78	2,217	171	2,051	182
Oranje-Vrystaat—Orange Free State.....	17	9	87	1	74	1	138	2	216	3	225	3	323	7	241	9
Natal.....	2,109	106	999	13	809	9	820	22	918	37	1,140	54	1,992	87	1,476	81
TOTAAL—TOTAL.....	10,165	550	4,810	61	2,741	38	2,625	81	3,274	150	3,869	168	7,044	327	5,958	323
KLEURLINGE.—COLOURED.																
Kaap—Cape.....	1,713	492	766	54	364	32	500	48	659	116	575	132	780	185	521	191
Transvaal.....	169	11	110	3	24	1	15	1	21	6	26	5	39	20	42	11
Oranje-Vrystaat—Orange Free State.....	33	2	18	2	1	1	2	1	4	—	4	—	3	1	2	6
Natal.....	7	5	3	—	5	—	7	3	14	—	18	1	26	5	18	6
TOTAAL—TOTAL.....	1,922	510	897	59	394	34	524	53	698	122	623	142	848	211	583	214
ASIATE.—ASIATICS.																
Kaap—Cape.....	27	3	12	1	15	—	16	1	22	—	6	—	22	1	18	—
Transvaal.....	28	2	12	1	8	—	7	1	10	1	5	1	12	—	6	1
Oranje-Vrystaat—Orange Free State.....	67	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Natal.....	—	13	52	—	37	—	86	4	105	5	91	7	115	14	82	17
TOTAAL—TOTAL.....	122	18	76	2	60	—	109	6	137	6	102	8	149	15	106	18
GROOTTOTAAL—GRAND TOTAL.....	12,446	1,090	5,907	125	3,226	73	3,303	144	4,283	281	4,682	323	8,239	578	6,877	590

TABLE 1.—INCIDENCE OF CASES AND DEATHS, BY RACE AND AGE,  
AS REPORTED UP TO THE 31st DECEMBER, 1958.

50 + Jaar. 50 + Years.		Ongespesifiseer. Unspecified.		Totaal. Total.		Jaarlikse voor- koms en sterfte- syfer per 100,000 van die bevolking. Yearly incidence and death-rate per 100,000 of population.	
Gevalle. Cases.	Sterf- gevalle. Deaths.	Gevalle. Cases.	Sterf- gevalle. Deaths.	Gevalle. Cases.	Sterf- gevalle. Deaths.	Gevalle. Cases.	Sterf- gevalle. Deaths.
146	60	11	—	700	110	68·4	10·74
146	40	21	—	552	63	39·5	4·51
15	6	—	—	38	13	14·4	4·94
47	23	5	—	163	31	50·6	9·51
354	129	37	—	1,453	217	48·2	7·21
2,791	96	151	1	19,278	551	710·3	—
2,061	243	527	1	15,238	1,044	380·8	—
223	16	66	—	1,710	51	183·1	—
1,952	132	230	—	12,281	541	627·9	—
7,027	487	974	2	48,507	2,187	505·0	—
684	342	128	1	6,690	1,593	555·6	132·31
64	32	12	—	522	90	532·7	91·84
3	7	—	—	29	24	193·3	160·00
31	8	8	—	178	28	414·0	65·12
782	389	148	1	7,419	1,735	545·5	127·57
12	1	4	—	154	7	770·0	35·00
6	3	2	—	96	10	160·0	16·67
—	—	—	—	—	—	—	—
85	18	16	—	736	78	203·9	21·61
103	22	22	—	986	95	223·6	21·54
8,266	1,027	1,181	3	58,365	4,234	404·8	—

TABLE 20 (b).—TUBERKULOSE: VORMS WAT DIE DOOD VEROORSAAK HET BY KINDERS ONDER DIE OUDERDOM VAN VYF JAAR, JAAR GEËINDIG 31 DESEMBER 1958.

TABLE 20 (b).—TUBERCULOSIS: FORMS WHICH CAUSED DEATH IN CHILDREN UNDER FIVE YEARS OF AGE, YEAR ENDED THE 31ST DECEMBER, 1958.

Oorsaak van dood.—Cause of Death.	Blankes. Whites.			Kleurlinge. Coloureds.			Asiate. Asiatics.		
	Manlik. Male.	Vroulik. Female.	Totaal. Total.	Manlik. Male.	Vroulik. Female.	Totaal. Total.	Manlik. Male.	Vroulik. Female.	Totaal. Total.
001 Tuberkulose van die asemhalingstelsel met silikose—Respiratory tuberculosis with silicosis.	—	—	—	1	—	1	—	—	—
002 Tuberkulose van die long—Pulmonary tuberculosis.	4	1	5	129	129	258	3	2	5
005 Tracheobronchiale klier-tuberkulose met simptome—Tracheobronchial glandular tuberculosis with symptoms.	—	—	—	—	1	1	—	—	—
008 Tuberkulose, plek nie gespesifiseer nie—Tuberculosis, unspecified site.	—	—	—	1	—	1	—	—	—
010 Tuberkulose van die harsing- en rugmurgvliese en die sentrale senuweestelsel—Tuberculosis of meninges and central nervous system.	1	5	6	96	63	159	7	4	11
011 Tuberkulose van die ingewande, peritoneum en dermskeikliere—Tuberculosis of intestines, peritoneum and mesenteric glands.	—	—	—	7	3	10	—	—	—
015 Tuberkulose van limfatiese stelsel—Tuberculosis of lymphatic system.	—	—	—	1	—	1	—	—	—
019 Verspreide tuberkulose, met inbegrip van miliere tuberkulose—Disseminated tuberculosis, including miliary tuberculosis.	6	6	12	270	240	510	12	6	18



TABEL 21.—TIFOÏEDKOORS: VERSPREIDING VAN GEVALLE EN STERFGEVALLE VOLGENS RAS EN GEBIED, AANGEDEE GEDURENDE DIE JAAR GEËINDIG 31 DESEMBER 1958.

TABLE 21.—TYPHOID FEVER: DISTRIBUTION OF CASES AND DEATHS, BY RACE AND AREA, REPORTED DURING THE YEAR ENDED 31ST DECEMBER, 1958.

Provinsie. Province.	Gevalle.—Cases.		Sterfgevalle.—Deaths.*	
	Totaal. Total.	Jaarlikse voorkomssyfer per 100,000 van die bevolking. Annual incidence Rate per 100,000 of the Population.	Totaal. Total.	Sterftesyfer per 100,000 van die bevolking. Death Rate per 100,000 of the Population.
<b>BLANKES.—WHITES.</b>				
Kaap—Cape.....	26	2.5	2	0.20
Natal.....	18	5.5	1	0.31
Transvaal.....	84	6.0	3	0.21
Oranje-Vrystaat—Orange Free State.....	13	4.9	—	—
<b>TOTAAL—TOTAL.....</b>	<b>141</b>	<b>4.7</b>	<b>6</b>	<b>0.20</b>
<b>BANTOES.—BANTU.*</b>				
Kaap—Cape.....	435	16.0	10	—
Natal.....	988	50.5	31	—
Transvaal.....	1,358	33.9	24	—
Oranje-Vrystaat—Orange Free State.....	396	42.4	7	—
<b>TOTAAL—TOTAL.....</b>	<b>3,177</b>	<b>33.1</b>	<b>72</b>	<b>—</b>
<b>ASIATE.—ASIATICS.</b>				
Kaap—Cape.....	—	—	—	—
Natal.....	41	11.4	2	0.55
Transvaal.....	4	6.7	—	—
Oranje-Vrystaat—Orange Free State.....	—	—	—	—
<b>TOTAAL—TOTAL.....</b>	<b>45</b>	<b>10.2</b>	<b>2</b>	<b>0.45</b>
<b>KLEURLINGE.—COLOUREDS.</b>				
Kaap—Cape.....	182	15.1	17	1.41
Natal.....	38	88.4	—	—
Transvaal.....	9	9.2	—	—
Oranje-Vrystaat—Orange Free State.....	7	46.7	—	—
<b>TOTAAL—TOTAL.....</b>	<b>236</b>	<b>17.4</b>	<b>17</b>	<b>1.25</b>

\* Syfers betreffende Bantoesterfgevalle het slegs op die vernaamste stedelike gebiede betrekking.

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

TABEL 22 (a).—VLEKTIFUS: MAANDELIKSE VOORKOMSSYFER VOLGENS PROVINSIE, ALLE RASSE, JAAR GEËINDIG 31 DESEMBER 1958.

TABLE 22 (a).—TYPHUS: MONTHLY INCIDENCE BY PROVINCE, ALL RACES, YEAR ENDED THE 31ST DECEMBER, 1958.

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.....	8	—	—	—	—	—	—	—	8	—
Februarie—February.....	7	—	—	—	—	—	—	—	7	—
Maart—March.....	8	—	—	—	—	—	—	—	8	—
April.....	13	—	—	—	—	—	—	—	13	—
Mei—May.....	4	—	—	—	1	—	—	—	5	—
Junie—June.....	—	—	—	—	—	—	—	—	—	—
Julie—July.....	23	—	—	—	—	—	—	—	23	—
Augustus—August.....	2	—	—	—	—	—	—	—	2	—
September.....	17	—	—	—	—	—	—	—	17	—
Oktober—October.....	6	—	—	—	—	—	—	—	6	—
November.....	1	—	—	—	—	—	—	—	1	—
Desember—December.....	8	2*	—	—	—	—	—	—	8	2*
TOTAAL—TOTAL.....	97	2*	—	—	1	—	—	—	98	2*

\* Syfers betreffende Bantoesterfgevalle het slegs op die vernaamste stedelike gebiede betrekking.

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

TABEL 22 (b).—VLEKTIFUS: GETAL GEVALLE IN DIE UNIE, ALLE RASSE, VAN 1933 TOT 1958.

TABLE 22 (b).—TYPHUS: NUMBER OF CASES IN THE UNION, ALL RACES, FROM 1933 TO 1958.

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	—*
1/1/57—31/12/57.....	61	1	5	—	67	—*
1/1/58—31/12/58.....	97	—	1	—	98	2

\* Syfers betreffende Bantoesterfgevalle het slegs op die vernaamste stedelike gebiede betrekking.

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

TABEL 23 (a).—HAWENS VAN DIE UNIE: GE-  
SONDHEIDSMATREËLS, JAAR GEËINDIG  
31 DESEMBER 1958.

TABLE 23 (a).—PORTS OF THE UNION: HEALTH  
MEASURES, YEAR ENDED 31ST DECEM-  
BER, 1958.

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.....	1,850	2,451	1,398	972	6,671
Verkeersvergunning verleen—Pratique granted:—					
(a) Per radio—Per radio.....	1,059	549	1,394	34	3,036
(b) Na bestyging en inspeksie—After boarding and inspection	154	674	4	36	868
2. Getal gevalle van oordraagbare siektes waarmee gehandel— Number of cases of communicable diseases dealt with:—					
(a) Getal verdagte gevalle van aangeebare siektes wat aangegee moet word—Number of suspected cases of notifiable diseases	1	49	1	1	52
(b) Getal verdagte gevalle van veneriese siektes—Number of suspected cases of venereal diseases.....	10	211	—	32	253
(c) Getal verdagte gevalle van ander oordraagbare siektes— Number of suspected cases of other communicable diseases	2	18	—	8	28
TOTAAL VAN (a), (b) EN (c)—TOTAL OF (a), (b) AND (c) . .	13	278	1	41	333
(d) Bevestigde getal gevalle van aangeebare siektes—Confirmed number of cases of notifiable diseases.....	10	49	24	1	84
(e) Bevestigde getal gevalle van veneriese siektes—Confirmed number of cases of venereal diseases.....	93	211	3	32	339
(f) Bevestigde getal gevalle van ander oordraagbare siektes— Confirmed number of cases of other communicable diseases	118	68	—	8	194
TOTAAL VAN (d), (e) EN (f)—TOTAL OF (d), (e) AND (f)	222	328	27	41	618
Getal skepe betrokke—Number of ships involved.....	111	134	7	31	283
3. Spesiale maatreëls getref—Special measures taken:—					
(a) Getal persone aan wal gebring en afgesonder—Number of persons landed and isolated.....	13	8	3	1	25
(b) Getal persone aan boord afgesonder—Number of persons isolated on board.....	28	2	24	8	62
TOTAAL VAN (a) EN (b)—TOTAL OF (a) AND (b) . . . . .	41	10	27	9	87
Vaartuie ontsmet—Vessels disinfected.....	30	15	—	1	36
Besendings goedere afgekeur—Consignments of goods con- demned.....	62	252	48	—	362
Besendings goedere ontsmet—Consignments of goods disinfected	28	55	—	—	83
Getal voertuie ontrot—Number of vessels deratted.....	61	38	—	—	99
Getal ontrottingsvrystellingsertifikate uitgereik—Number of deratisation exemption certificates issued.....	42	112	7	9	170
Getal knaagdiere op vaartuie doodgemaak—Number of rodents destroyed on vessels.....	479	170	50	33	732
Getal knaagdiere in hawegebied doodgemaak—Number of rodents destroyed in dock area.....	1,877	2,843	700	1,465	6,885
Getal inspuitings of inenting 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.....	1,622	6,041	1,517	23	9,203
Pokkies—Smallpox.....	507	1,103	981	29	2,620
Tifoïde-Paratifoïde—Typhoid-Paratyphoid.....	1	140	58	—	199
Tifoïde-Paratifoïde-Cholera—Typhoid-Paratyphoid-Cholera..	32	1,474	167	—	1,690
Vlektifus—Typhus.....	29	7	—	—	36
Cholera.....	263	906	2	17	1,171
TOTAAL—TOTAL.....	2,454	9,671	2,725	69	14,919

TABEL 23 (b).—MAANDELIKSE TOTALE VAN VliegTUIE WAT VAN BUIE DIE UNIE BY DIE KWARENTYNLUGHAWENS VAN DIE UNIE AANGEKOM HET, JAAR GEËINDIG 31 DESEMBER 1958.

Maand.—Month.	Jan Smuts-Lughawe. Jan Smuts Airport.
Januarie—January.....	196
Februarie—February.....	191
Maart—March.....	218
April.....	208
Mei—May.....	228
Junie—June.....	213
Julie—July.....	228
Augustus—August.....	223
September.....	219
Oktober—October.....	221
November.....	203
Desember—December.....	216
TOTAAL VIR JAAR—TOTAL FOR YEAR.....	2,544

TABEL 23 (c).—JAARLIKSE TOTALE VAN VliegTUIE WAT VAN BUIE DIE UNIE BY DURBANSE LUGHAWENS AANGEKOM HET GEDURENDE DIE JARE 1954 TOT 1958.

Jaar.—Year.	Totaal.—Total.
1954.....	312
1955.....	378
1956.....	327
1957.....	361
1958.....	298

TABLE 23 (b).—MONTHLY TOTALS OF AIRCRAFT ARRIVING FROM OUTSIDE THE UNION AT THE SANITARY AIRPORTS OF THE UNION, YEAR ENDED 31st DECEMBER, 1958.

TABLE 23 (c).—ANNUAL TOTALS OF AIRCRAFT ARRIVING FROM OUTSIDE THE UNION AT DURBAN AIRPORTS DURING THE YEARS 1954 TO 1958.

TABEL 24 (a).—DISTRIKSVERPLEEGDIENSTE: GEGTAL VERPLEEGSTERS, VROEDVROU EN NIE-BLANKE VERPLEEGASSISTENTE OP 31 DESEMBER 1958, TEN OPSIGTE VAN WIE SUBSIDIES OF GEDEELTELIKE TERUGBETALING VAN SALARISSE BETAAL IS, IN VERGELYKING MET DIE TOTALE SOOS OP 31 DESEMBER 1935.

TABLE 24 (a).—DISTRICT NURSING SERVICES: NUMBER OF NURSES, MIDWIVES AND NON-WHITE NURSING ASSISTANTS AS AT THE 31st DECEMBER, 1958, 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.	1954.	1955.	1956.	1957.	1958.
Blankes—Whites.....	23	155	201	192	178	205
Bantoes—Bantu.....	2	258	385	413	443	469
Kleurlinge—Coloureds.....	—	61	90	98	103	119
ALLE RASSE—ALL RACES.....	25	474	676	703	724	793

  

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.	1954.	1955.	1956.	1957.	1958.
Blankes—Whites.....	7	2	11	5	5	3
Bantoes—Bantu.....	—	—	—	—	—	—
Kleurlinge—Coloureds.....	1	—	—	—	—	—
ALLE RASSE—ALL RACES.....	8	2	11	5	5	3

  

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.	1954.	1955.	1956.	1957.	1958.
Blankes—Whites.....	—	16	7	9	3	3
Bantoes—Bantu.....	11	196	236	253	238	271
Kleurlinge—Coloureds.....	—	3	7	—	2	2
ALLE RASSE—ALL RACES.....	11	215	250	262	243	276

  

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.	1954.	1955.	1956.	1957.	1958.
Blankes—Whites.....	—	—	—	—	—	—
Bantoes—Bantu.....	3	14	12	11	7	7
Kleurlinge—Coloureds.....	—	—	—	—	—	—
ALLE RASSE—ALL RACES.....	3	14	12	11	7	7

TABEL 24 (b).—VERPLEEGINRIGTINGS BY DIE DEPARTEMENT GEREKISTREER, GETAL BEDDENS BESKIKBAAR EN PERSONEEL VAN VERPLEEGINRIGTINGS OP 31 DESEMBER 1958.

TABLE 24 (b).—NURSING HOMES REGISTERED WITH THE DEPARTMENT, BED ACCOMMODATION AVAILABLE AND PERSONNEL OF NURSING HOMES AS AT THE 31ST DECEMBER, 1958.

Besonderhede.—Particulars.	Transvaal.		Oranje-Vrystaat. Orange Free State.	
	Blank. White.	Nie-Blank. Non-White.	Blank. White.	Nie-Blank. Non-White.
Verpleeginrigtings by die Departement geregistreer—Nursing Homes Registered with the Department.....	91	11	17	—
Getal beddens beskikbaar:— Bed accommodation available:—				
Beddens—Beds.....	2,001	89	89	—
*Wiegies—Cots.....	424	49	49	—

\* Vir pasgebore babas.  
\* For new-born babies.