

**Report of the Medical Officer of Health on the public health and sanitary circumstances of the city and borough of Pietermaritzburg.**

**Contributors**

Pietermaritzburg (South Africa). Public Health Department.

**Publication/Creation**

[Pietermaritzburg] : [Public Health Dept.], [1974]

**Persistent URL**

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

**License and attribution**

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

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



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

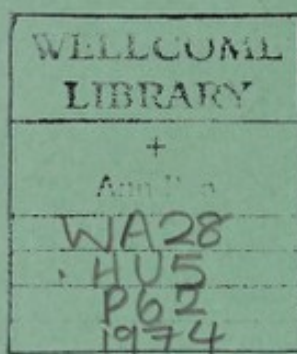


CITY OF PIETERMARITZBURG

---

ANNUAL REPORT  
OF THE  
MEDICAL OFFICER  
OF HEALTH

For the Year Ended  
31st December,  
1974



22502931977



CITY OF PIETERMARITZBURG

PUBLIC HEALTH DEPARTMENT


REPORT OF THE  
MEDICAL OFFICER OF HEALTH  
ON THE PUBLIC HEALTH AND  
SANITARY CIRCUMSTANCES OF  
THE CITY OF  
PIETERMARITZBURG,  
FOR THE YEAR ENDED  
31ST DECEMBER, 1974.

BY

J.P. O'KEEFE M.R.C.S. (Eng.)  
L.R.C.P. (Lond.)  
D.P.H.

MEDICAL OFFICER OF HEALTH





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

<https://archive.org/details/b31500882>



INTRODUCTORYCITY OF PIETERMARITZBURG

PUBLIC HEALTH DEPARTMENT,  
P.O. BOX 89,  
PIETERMARITZBURG.

To:

His Worship the Mayor  
and Councillors of the  
CITY OF PIETERMARITZBURG.

Mr. Mayor, Ladies and Gentlemen,

Once again, I have the honour to present this the Annual Report on the Public Health and Sanitary Circumstances of the City of Pietermaritzburg - for the calendar year of 1974. This report includes a record of the actual work carried out by your Public Health Department.

Vital statistics for the year shew that 1974 was a year of steady progress with gains in all races other than African where the statistics kindly provided to me by the Drakensberg Bantu Affairs Administration Board shew a large decrease in African population, - for reasons unexplained to me. The overall birth rate for the City shews a marked increase from 21,4 per 1 000 population to 26,0, with Infant Mortality shewing a pleasing decline from 36,4 to 26,9 per 1 000 live births. The crude death rate for the year shews little change from 1973.

The year shewed little variation in the numbers and types of diseases notified under the Public Health Act. It is evident that infective hepatitis remains as one of the major notifiable diseases causing loss of man/work/hours, particularly among the younger age groups as in hospital workers, university students and scholars generally. Medical advice given to such young people to refrain from exercise of a robust nature very often falls on deaf ears and this could lead to serious ill health in the individual in his older years.

In common with the rest of the country and indeed the rest of the Western World, the incidence of Venereal Disease in the City continues to shew an increase, which increase covers both main forms of venereal disease, i.e. gonorrhoea and syphilis. This Department's experience, I should add, is mainly in respect of the African population and the large numbers of patients between the ages of 15 - 20 years is noted with concern. Not many patients from other race groups are seen by this Department and it appears almost certain that many in these groups seek medical assistance from their private doctors.

With your Council's help and encouragement, Mr. Mayor, we were able to open two new small clinics during the year; one at Valda Road to serve the Asian-s living in Northdale's north-eastern area, and one at the Grange for members of the European group living there. Both child welfare and family planning sessions operate at each clinic, and the services provided have proved popular and are well patronised. All of the older established clinics reflect a continuing popularity with the public.



A survey carried out during the year on a number of creches for pre-school children in the European areas shewed many of them to have inadequate facilities or a tendency to overcrowding. I understand that creches are not the responsibility of local authorities (apart from the licensing thereof) and I do feel that this is unfortunate as, in my opinion, a local health authority should be able to regulate and control all such privately owned institutions in their own areas.

On the preventive health side, immunisation campaigns in schools for children, other than White, and in some of the townships were carried out energetically whenever required. During the year there were frequent shortages of vaccine, particularly of those against Poliomyelitis and Tuberculosis (B.C.G.), which somewhat reduced the numbers offered immunisation. This in spite of the fact that immunisation against Poliomyelitis and Tuberculosis (with B.C.G.) is now compulsory in South Africa.

Atmospheric pollution did not worsen during the year under review in spite of further industries being established in the City. Government Gazette Notice No. R.753 of 3rd May, 1974 declared Pietermaritzburg to be a Smokeless Zone and this Order has had a material effect on our ability to control atmospheric pollution resulting from the industrial and housing development that is taking place in the City at present (and in the future as well). Details of the Order are given later in this Report.

There have been several changes of Key staff during the year as well as some additions. The Deputy Medical Officer of Health's position became vacant on 1st December, 1974, and by the end of the year the position remained unfilled. This is but a reflection of the situation throughout the country where medical officer of health positions remain vacant because of the lack of interested men. However, it is only meet and proper that I take this opportunity of thanking the staff of the Health Department, including the Infectious Diseases Hospital, for their co-operation and loyalty throughout the year - without which little or nothing could have been achieved in the field of community health.

To the news media, both written and spoken, my thanks for the very fair reporting of our health activities.

And, Your Worship, to you and all Councillors, particularly the Chairman and members of the Public Health Committee, may I express my sincere thanks and appreciation for the tolerance shewn and the help given to me and my Department in all our work.

I have the honour to be,

Ladies and Gentlemen,

Your obedient servant,

J.P. O'KEEFE  
MEDICAL OFFICER OF HEALTH



CHAPTER I - GENERAL AND DEATH STATISTICS

Meteorological Records .....	1
The Environment : Litter and Air Pollution (inc. Smoke Graphs) ....	2
Leading Vital Statistics (inc. Population) .....	3 - 4
Deaths - Total Registered .....	5
Deaths - Seasonal Occurrence .....	6
Deaths - Residents in Age Groups .....	7
Deaths - Summary of Causes .....	8
Deaths - Diseases of Circulatory System .....	9
Deaths - Respiratory Infections (Monthly and Age Groups) .....	10 - 11
Deaths - Malignant and Other Neoplasms .....	12
Deaths - Accidents, Poisonings and Violence .....	13
Deaths - Motor Vehicle and Other Traffic Accidents .....	14
Deaths - Classified List of Causes .....	15 - 19

CHAPTER II - NOTIFIABLE DISEASES

Introduction .....	20
Total Notifications .....	21
Hospital Admissions .....	22
Cholera / Typhoid Immunisations .....	23

CHAPTER III - TUBERCULOSIS

Introduction and General .....	24 - 25
Notifications .....	26
Outpatients .....	27
X-Ray Clinic - Introduction .....	28
70mm. and 100mm. X-Ray - Clinic Attendances .....	29 - 30
70mm. and 100mm. X-Ray - Follow-up Results of Suspected Cases .....	31 - 32
Pass Office Analysis of X-Rays taken .....	33

CHAPTER IV - VENEREAL DISEASE

Introduction and General .....	34
Clinic Attendances .....	35 - 36
Ante-Natal Treatment of Syphilis .....	37
Defaulter Investigations .....	38

CHAPTER V - CHILD WELFARE

Introduction .....	39
Clinic Attendances and Home Visits .....	40
Diphtheria .....	41
Anterior Poliomyelitis .....	42
Smallpox Vaccination .....	43
Maternal Mortality .....	43
Sobantu Village .....	44
Deaths under 1 Year - Age Groupings and Infant Mortality Rate .....	45 - 46
Infant Mortality - Classified List of Causes .....	47 - 48

CHAPTER VI - OTHER HEALTH ASPECTS

Medical Examination of Bantu .....	49
Sobantu Village Dispensary .....	49
Family Planning - Introduction .....	50
Family Planning - Clinic Attendances .....	51
Family Planning - Exfoliative Cytology Service .....	52
Ambulance .....	53
Laboratory Work .....	53
Water Supplies .....	53 - 54



CHAPTER VII - ENVIRONMENTAL HEALTH

Introduction .....	55
Meat and Milk Supplies .....	56
Foodstuffs - Analysis of Samples .....	57
General Inspectors - Details of Work .....	58
Rodent Control .....	59
Sanitary Inspections .....	60 - 62
Foodstuffs Condemned .....	63
Licence Applications .....	64
Prosecutions .....	65
Condemned Premises .....	65

CHAPTER VIII - STAFF ..... 66 - 68

CHAPTER IX - GERIATRICS ..... 69

CHAPTER X - HOUSING ..... 70 - 71



CLIMATE AND RATEABLE VALUE

Latitude - 29 Degrees, 36 minutes, 4 seconds South

Longitude - 30 degrees, 22 minutes, 46 seconds East

Altitude - At Churchill Square - 658,624 m. (2 160 ft.)

TEMPERATURE AND RAINFALL

1974	RAINFALL	ATMOSPHERIC TEMPERATURE						RELATIVE
	IN mm. (Measurement in inches bracketed)	Av. Daily Maximum (Fahrenheit C F	Av. Daily Minimum temperatures in brackets) C F	Av. Daily Mean C F	HUMIDITY Av. Daily %			
January	536,5 (21,14)	27,2 (81,1)	17,2 (63,1)	22,5 (72,7)	81,6			
February	117,3 ( 4,62)	27,2 (81,0)	17,8 (64,1)	23,5 (74,3)	81,2			
March	240,6 ( 9,85)	27,0 (80,6)	15,9 (60,6)	22,1 (71,9)	81,0			
April	95,2 ( 3,73)	22,5 (72,5)	12,5 (54,6)	18,7 (65,6)	79,2			
May	28,6 ( 1,16)	21,1 (70,0)	7,8 (46,1)	15,0 (59,0)	78,0			
June	18,7 ( 0,69)	19,5 (67,1)	4,2 (39,6)	12,3 (54,2)	75,3			
July	25,6 ( 1,02)	20,8 (69,6)	3,8 (38,8)	11,7 (53,1)	81,2			
August	14,9 ( 0,60)	21,8 (71,3)	6,0 (42,9)	15,7 (60,3)	73,0			
September	27,0 ( 1,06)	24,8 (76,4)	8,3 (47,2)	16,5 (61,8)	58,5			
October	28,6 ( 1,66)	26,5 (79,7)	13,0 (55,5)	20,5 (68,9)	67,3			
November	133,4 ( 5,24)	24,2 (75,6)	12,5 (54,4)	20,5 (68,8)	80,8			
December	171,1 ( 6,70)	15,9 (78,6)	16,3 (61,4)	21,3 (70,3)	83,2			
TOTAL RAINFALL	1472,8 (57,47)							

AREA OF MUNICIPALITY : 14 483 2291 Ha.

Value of Rateable Property : R319 140 700

Exempted Property : R114 750 720

MUNICIPAL RATE : General : Land : 2,55c. in Rand  
Buildings : 0,8 c. in Rand  
: Water : Rate : 0,1 c. in Rand on  
Land only.

Total Public Health Expenditure (R345 619), expressed as a  
percentage of net maintenance expenditure of Borough : 8,03%



THE ENVIRONMENT(a) LITTER

The amount of litter found in our public streets and other areas still gives rise to concern on the part of Council. Whilst it is realised that most of the litter found in our streets nowadays results from the modern demand for properly packaged goods, it does seem very difficult to inculcate a sense of civic pride in the people so that they dispose of litter in the receptacles provided in most of the busy streets of our City. There is no doubt that education of children in these matters must start in elementary school and be a continuing indoctrination thereafter.

(b) AIR POLLUTION

As stated in the introduction to this Report, Government Notice R. 753 in Government Gazette No. 4269 dated 3rd May, 1974, declared the area under the jurisdiction of the Municipality of Pietermaritzburg to be a Smoke Control Zone. This Order applies "to all premises or buildings in use zones classified as special residential, general residential, general, general business zones and zones for special, undetermined agriculture, institutional, educational, special industrial, general industrial, restricted industrial, industrial and municipal purposes: Provided that premises on which industrial buildings, used for the purpose of carrying on a scheduled process as contemplated in Part II of the Atmospheric Pollution Prevention Act, 1965, are situated, shall be exempt from the provisions of this Order".

Under the Order, the City Council has the power to exempt certain appliances from the requirements stated above, and the Order also exempts (at least for the present) "all buildings already erected on the date of coming into operation of this Order".

This Smoke Control Zone Order has greatly facilitated the task of the Municipal Smoke Control Officer in the prevention of atmospheric pollution arising as a result of new housing and other building in the City.

The Charts obtained from 24 hour monitoring at three points in the City are reproduced on the following pages, and they shew a much lower pollution index than shewn in similar charts for 1973. The overall effect, therefore, is one of improvement in the general pollution in the City, though of course "bad episodes" are continuing to occur from time to time. These are dealt with by the Smoke Control Officer as they occur, and attempts are constantly made, with the ready co-operation of the "offenders" to pinpoint the causes of the "bad episodes" and to take steps to prevent recurrences in the future.

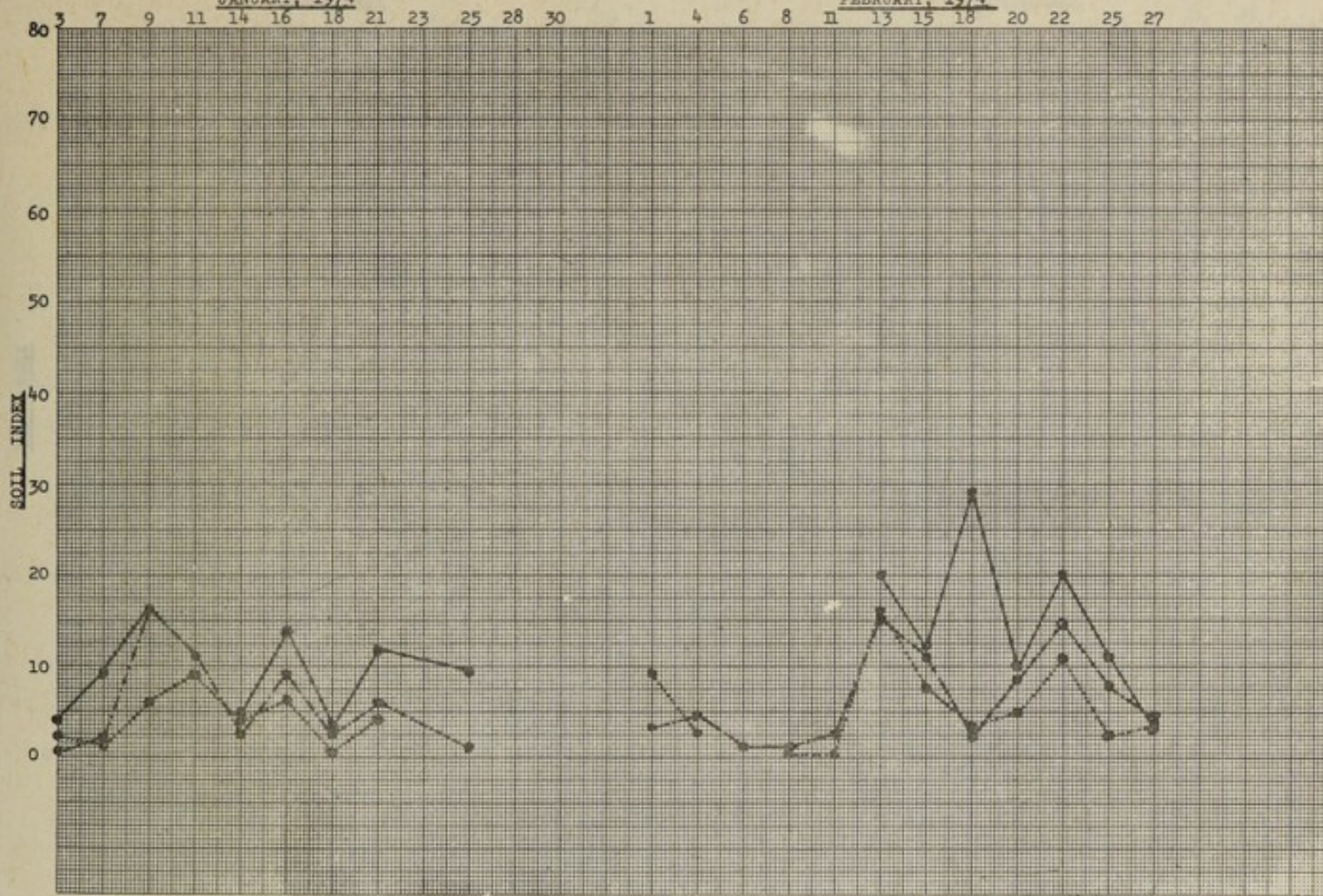
During the year, most steam locomotives operating on our local railway lines were replaced by diesel units and this lead to a marked alleviation of the smoke menace in the Victoria Road and Masons Mill marshalling yard areas. It may be of interest to note, however, that complaints from the general public about the smoke from steam engines in the Victoria Road area have now changed to complaints of noise pollution from the Klaxons of the diesel locomotives!

A brick and tile works in the City whose smoke stack emissions give rise to frequent complaints from the public, and which is a "scheduled process" under Part II of the Atmospheric Pollution Prevention Act is experimenting with different methods of Kiln firing aimed at reducing black smoke emission. A certain measure of success gives cause for optimism as regards the future reduction of air pollution at these works.



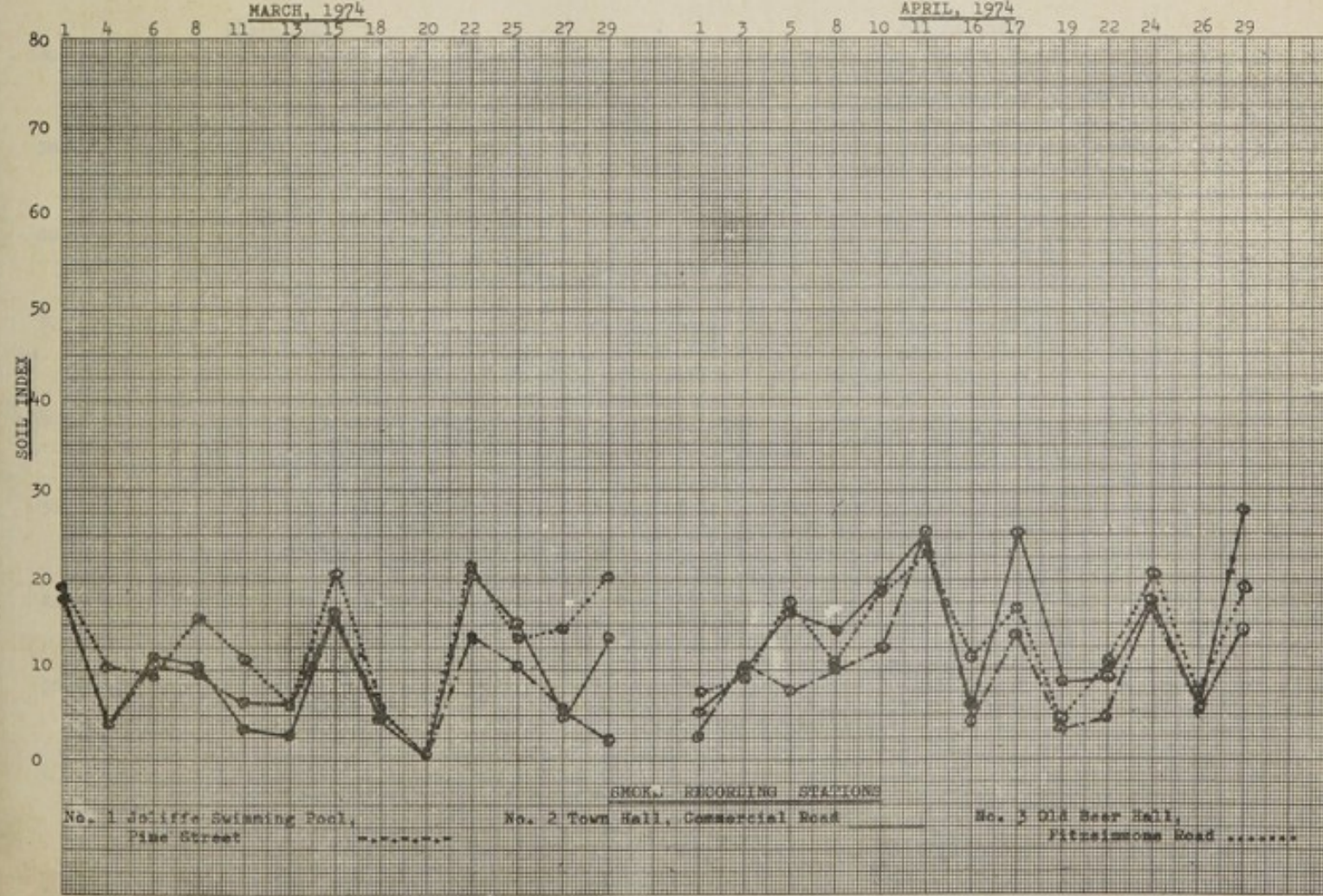
JANUARY, 1974

FEBRUARY, 1974



MARCH, 1974

APRIL, 1974



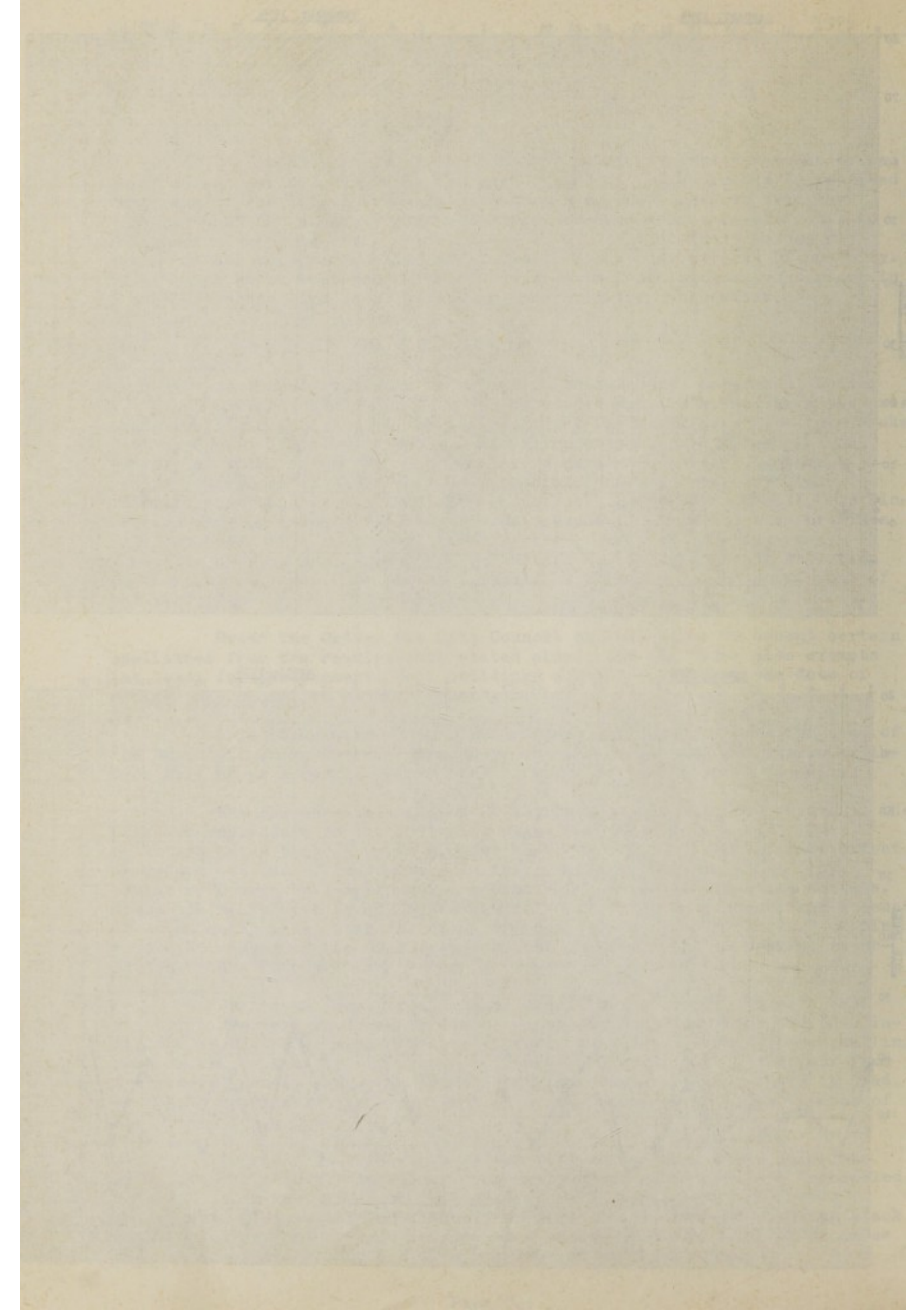
SMOK. RECORDING STATIONS

No. 1 Joliffe Swimming Pool,  
Pine Street

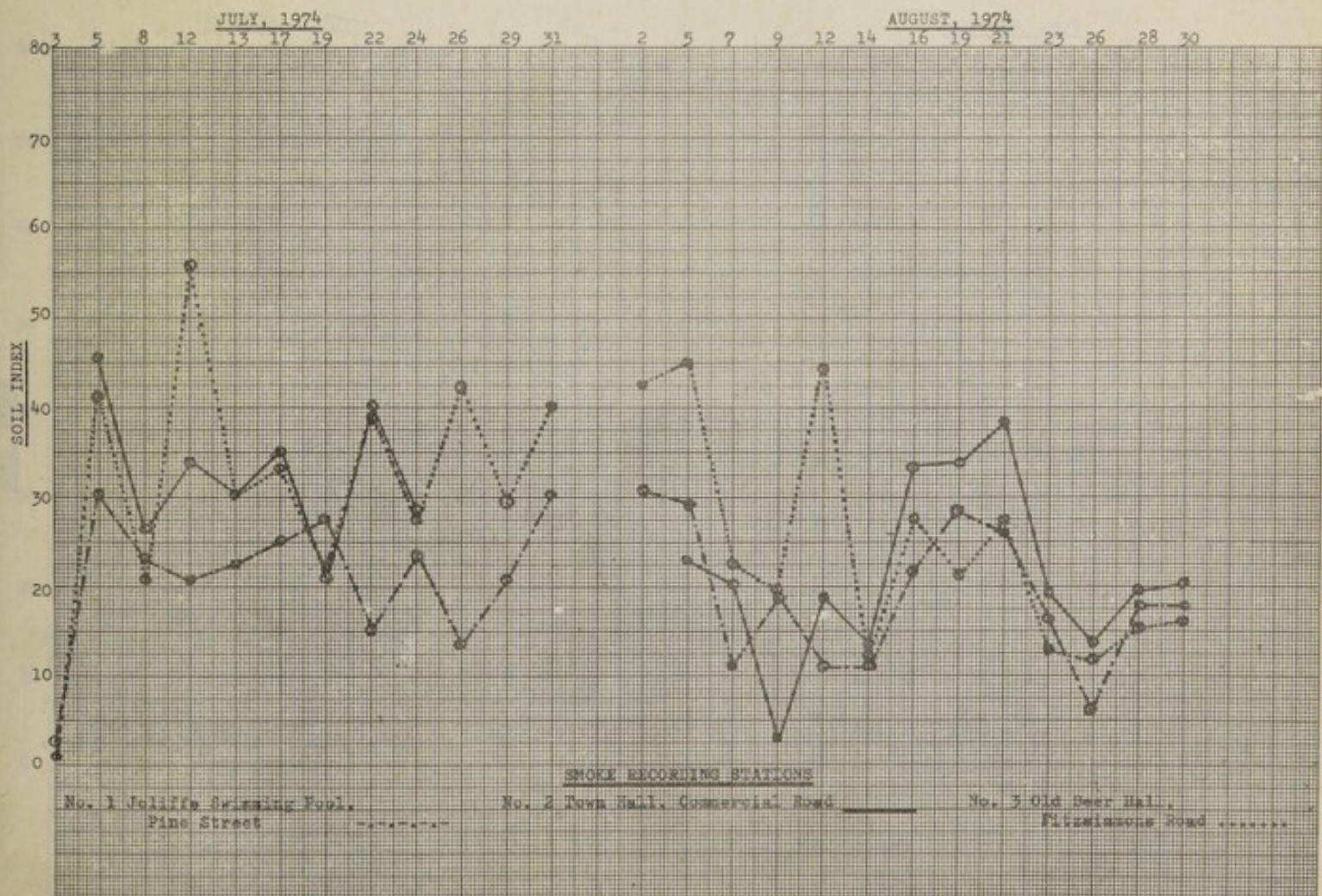
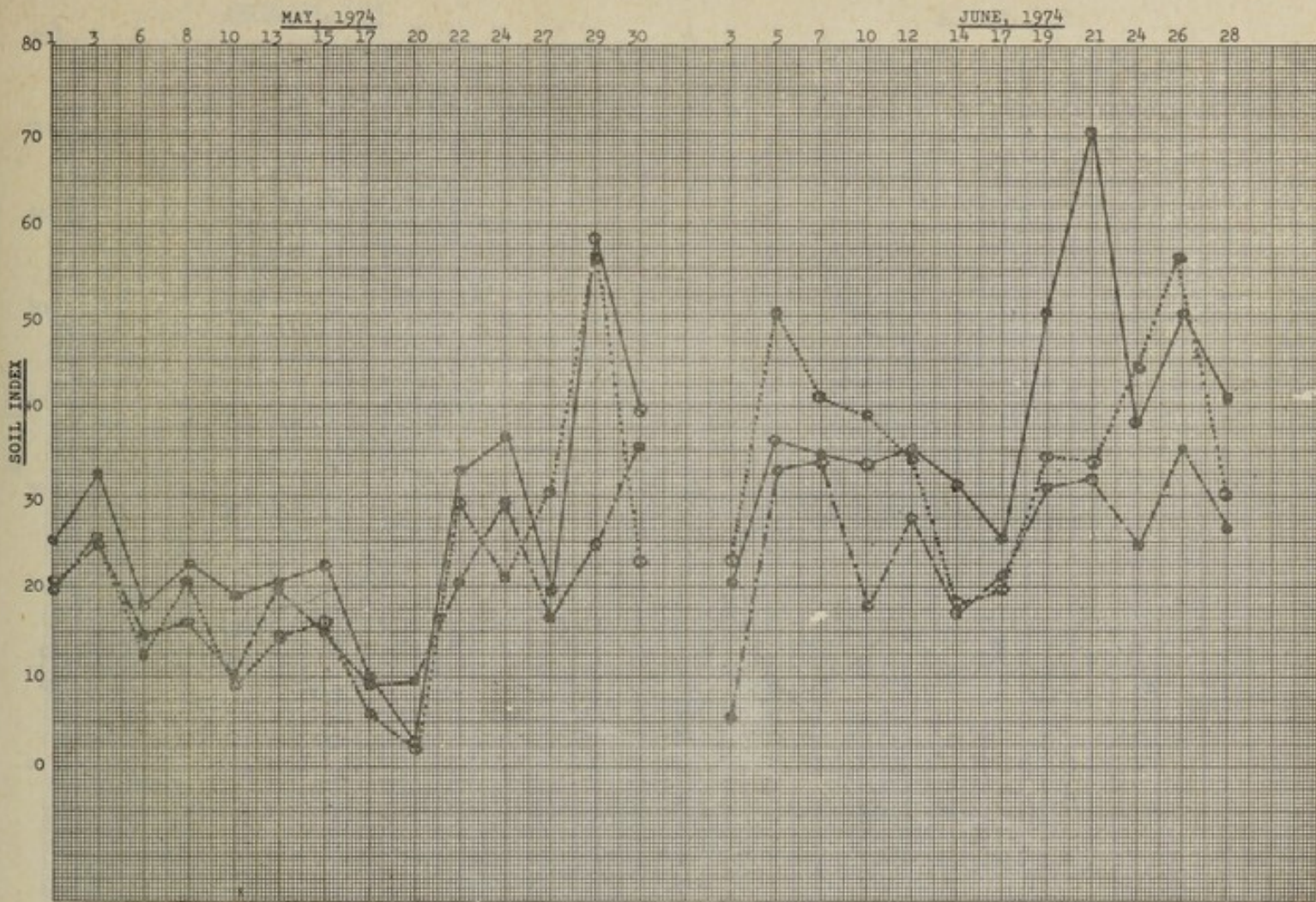
No. 2 Town Hall, Commercial Road

No. 3 Old Bear Hall,  
Fitzsimmons Road

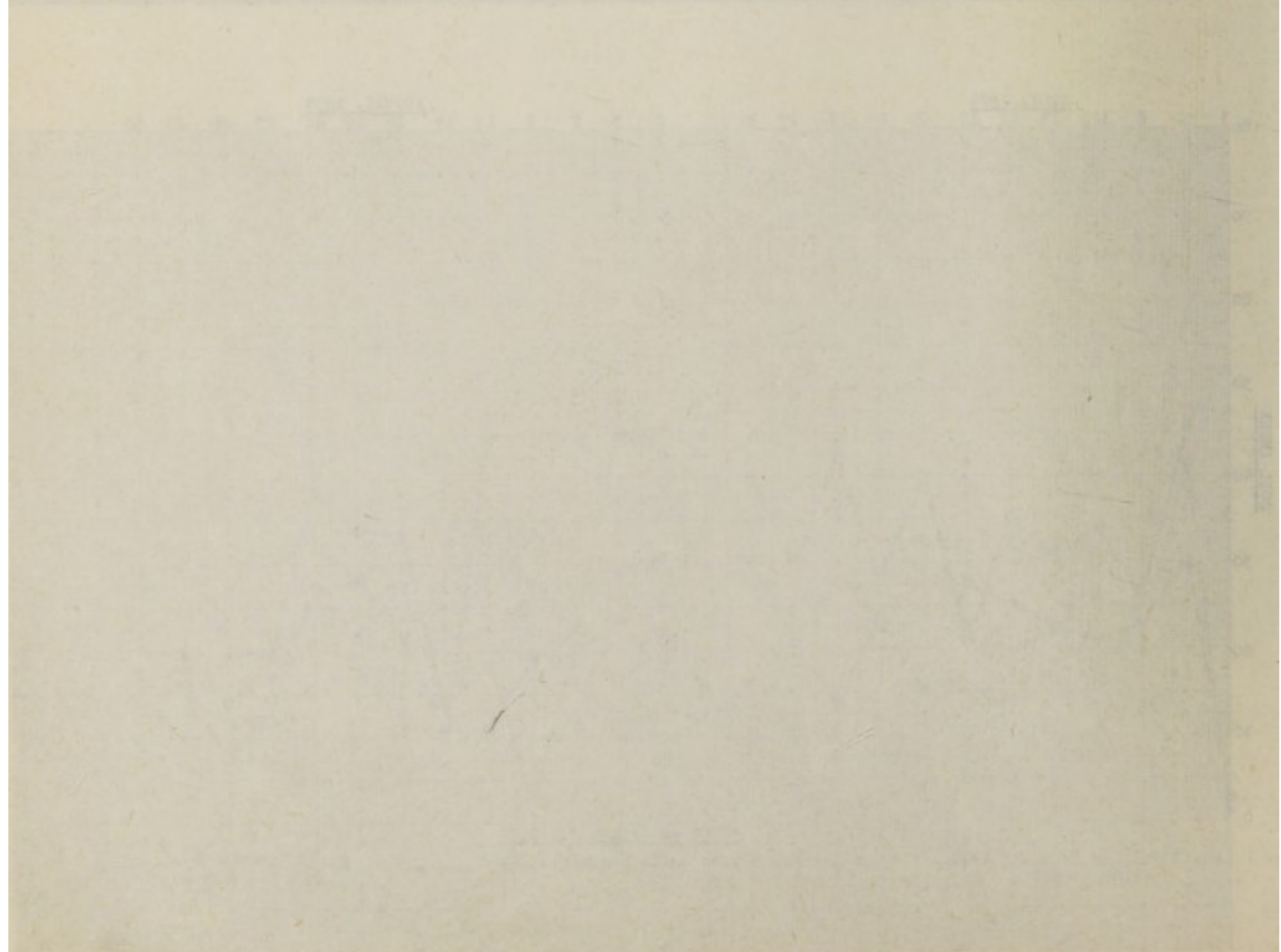
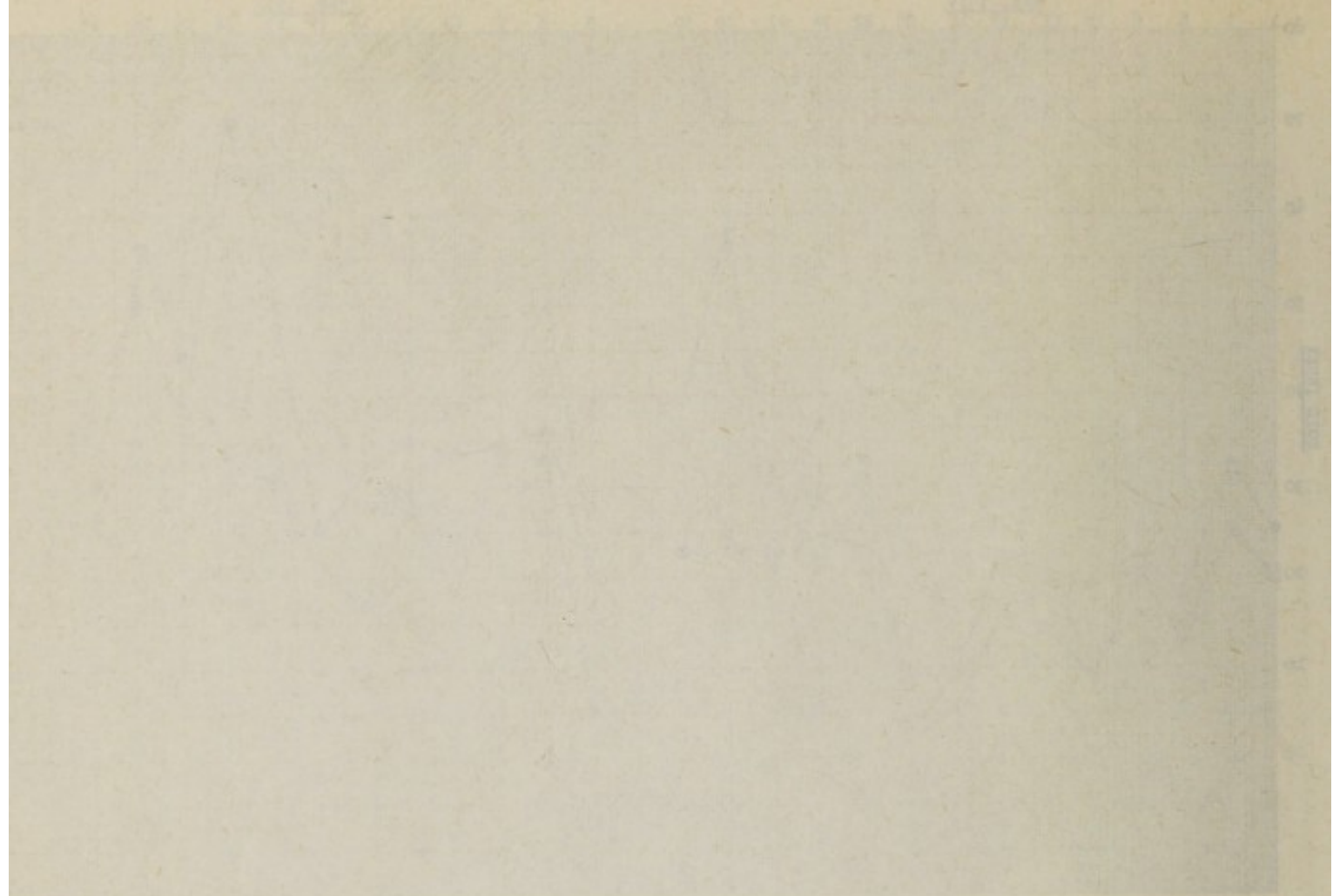




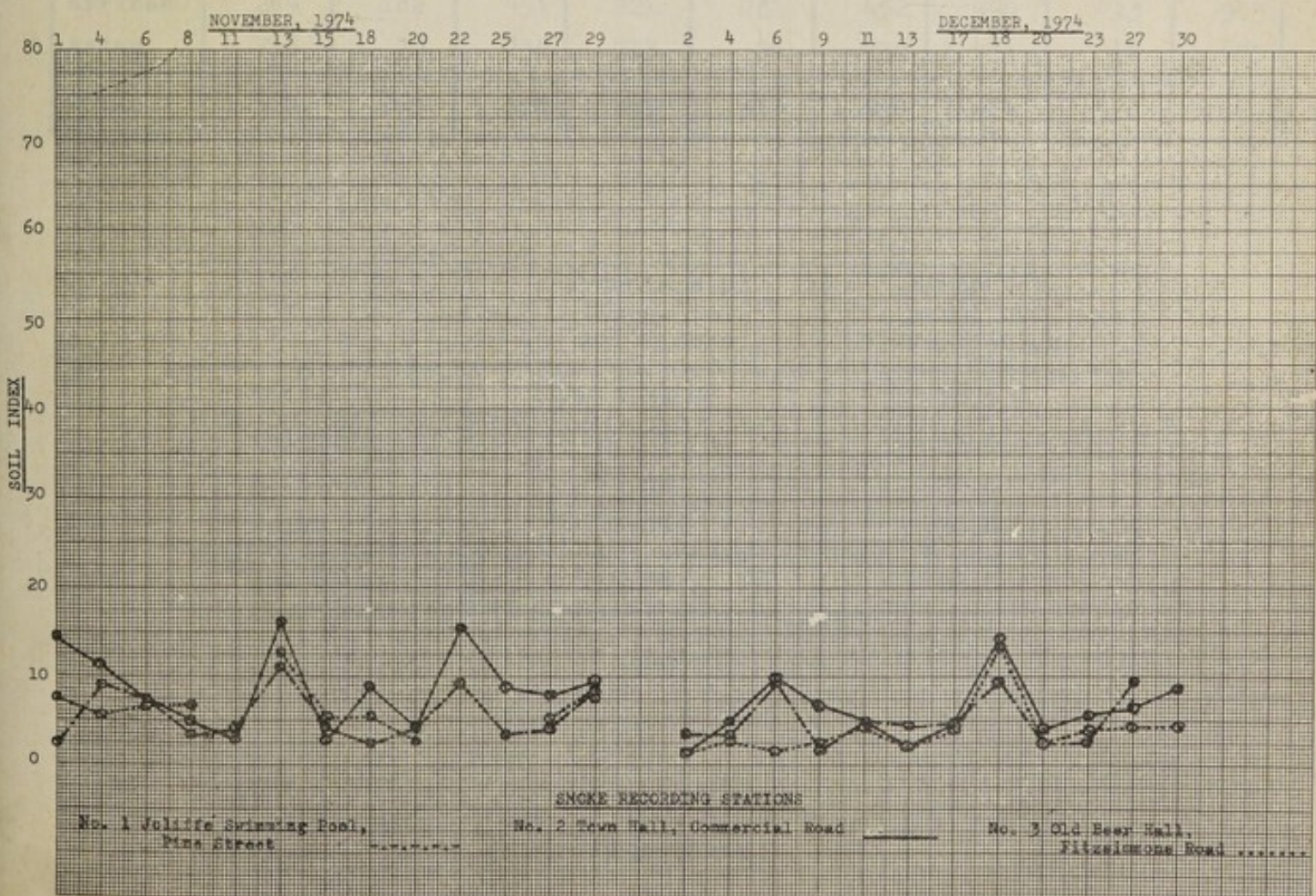
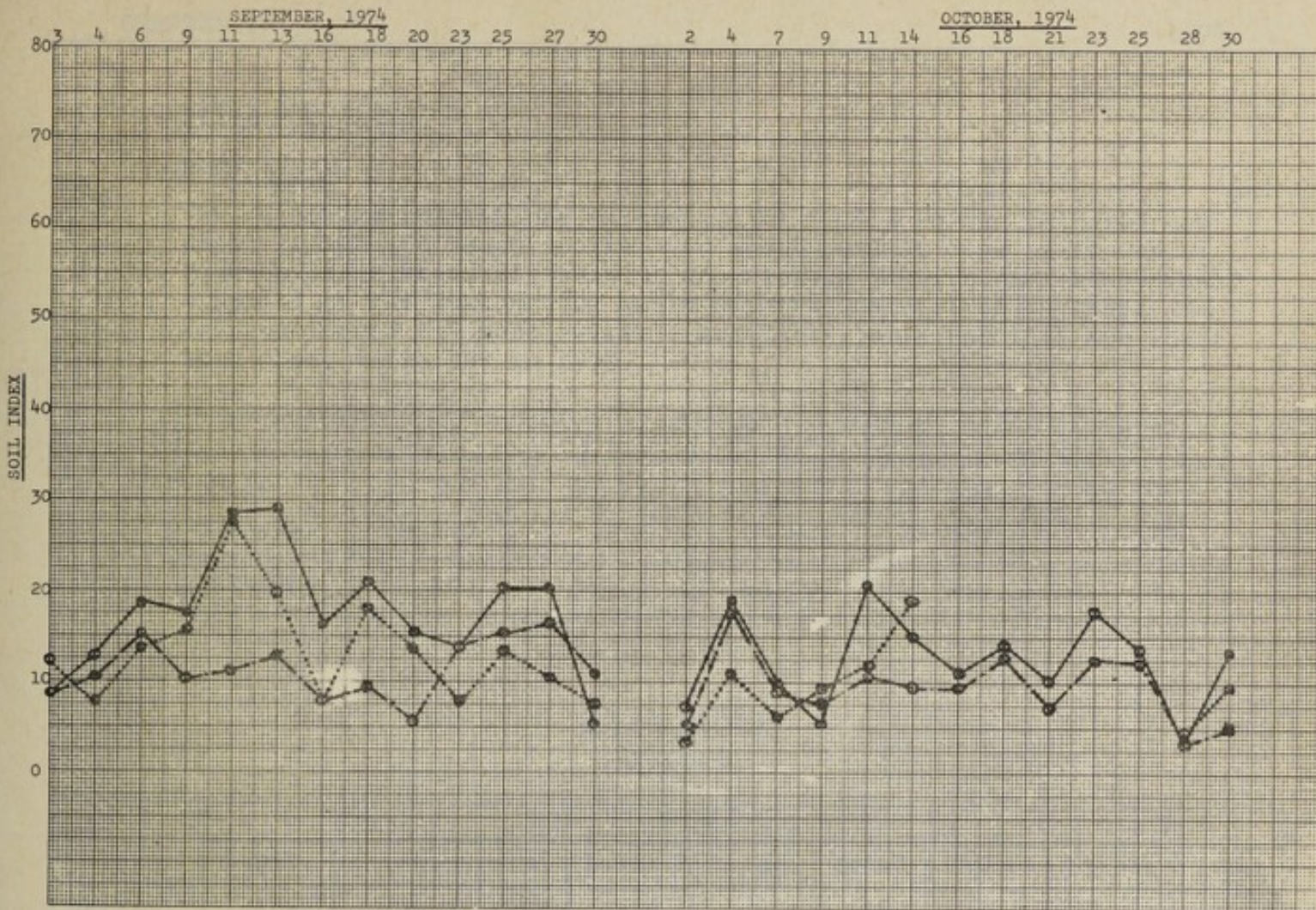




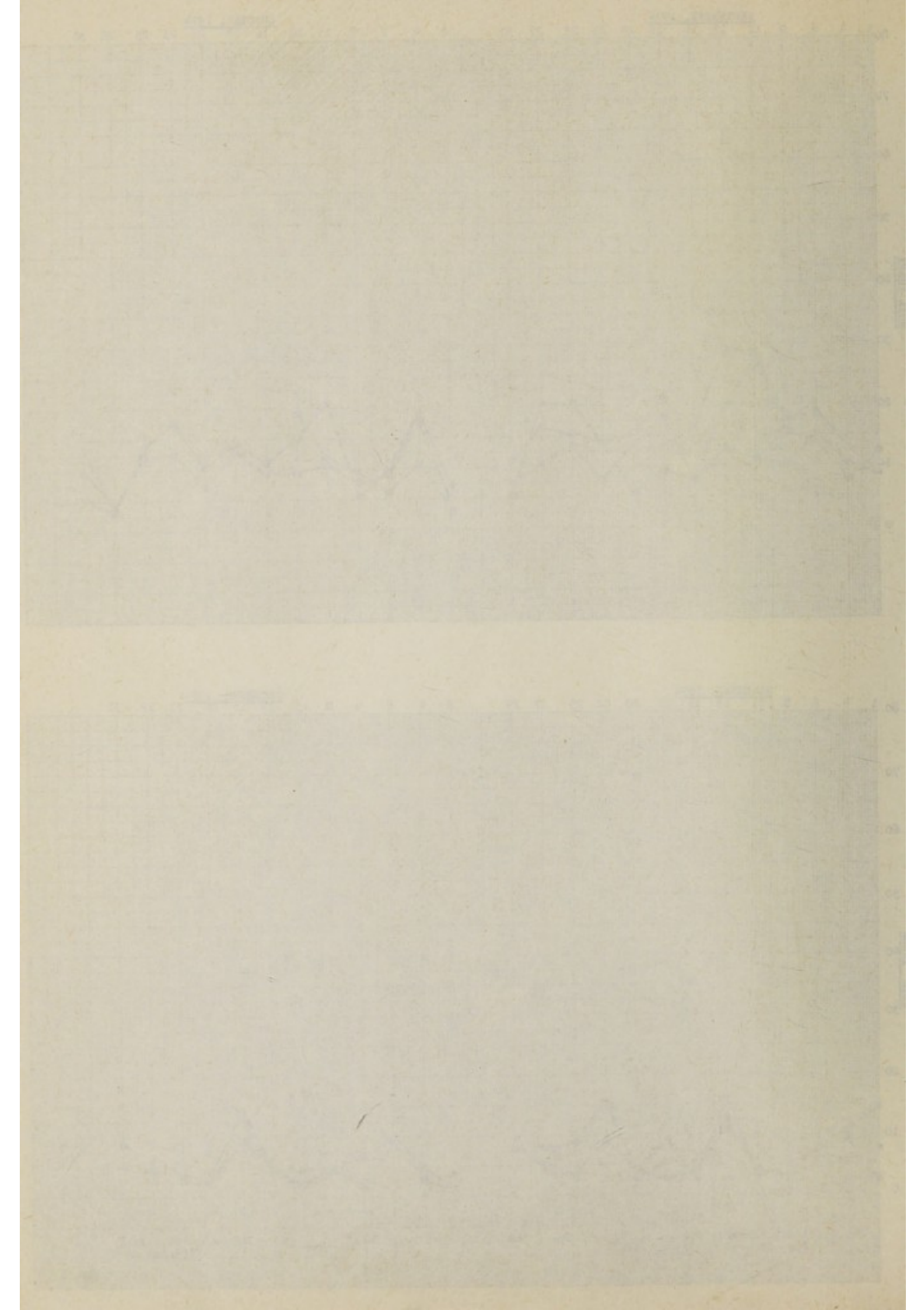














(1) VITAL STATISTICSPOPULATION:

The following estimations of population in the White, Coloured and Asian groups are based on the 1960 and May, 1970 Government Census figures for Pietermaritzburg. The African figures have been kindly supplied by the Drakensberg Bantu Affairs Administration Board and are considered the most reliable available, although they are lower than those reflected in 1973.

	White	Coloured	African	Asian	All Races
Male	22 340	5 147	21 857	20 460	69 804
Female	24 210	5 272	21 916	20 580	71 978
PERSONS	46 550	10 419	43 773	41 040	141 782

TOTAL BIRTHS

(RESIDENTS)

	M a l e			F e m a l e			T o t a l		
	Legit.	Illeg.	Total	Legit.	Illeg.	Total	Legit.	Illeg.	Total
White	473	27	500	447	25	472	920	52	972
Coloured	127	34	161	116	33	149	243	67	310
African	269	182	451	221	231	452	490	413	903
Asian	718	20	738	713	24	737	1 431	44	1 475
TOTAL	1 587	263	1 850	1 497	313	1 910	3 084	576	3 660

	Percentage of Illeg. to All Births	Birth Rate per 1 000 Population
White	5,3%	20,9
Coloured	21,6%	33,5
African	45,6%	20,6
Asian	3,0%	36,0
ALL RACES	15,8%	26,0



LEADING VITAL STATISTICS  
YEAR ENDING 31ST DECEMBER, 1974  
 (Rates for 1973 in brackets for comparison)

	WHITE	COLOURED	AFRICAN	ASIAN	ALL RACES
<u>POPULATION</u>	46 550	10 419	43 773	41 040	141 782
<u>BIRTHS:</u> Rate per 1 000 population	972 20,9 (18,1)	310 33,5 (35,9)	903 20,6 ( 9,6)	1 475 36,0 (35,7)	3 660 26,0 (21,4)
<u>BIRTHS:</u> Illegitimate Percentage of total births	52 5,3 ( 5,8)	67 21,6 (27,3)	413 45,6 (55,4)	44 3,0 ( 2,9)	576 15,8 (15,3)
<u>INFANT MORTALITY:</u> Rate per 1 000 births	16 16,5 (16,9)	11 35,2 (45,2)	44 48,8 (93,5)	28 19,0 (25,0)	99 26,9 (36,4)
<u>STILL BIRTHS:</u> Rate per 1 000 births	6 6,2 ( 7,1)	6 19,0 ( 8,5)	10 11,2 ( 4,0)	23 15,6 (13,6)	45 12,3 ( 9,9)
<u>DEATHS:</u> Crude rate per 1 000 population (Corrected for outward transfer)	425 9,1 ( 8,9)	67 6,4 ( 7,0)	229 5,2 ( 4,4)	196 4,8 ( 5,9)	917 6,5 ( 6,3)
<u>DEATHS:</u> Children 1 - 4 years inc. Rate per 1 000 population	1 0,02 (0,02)	2 0,2 ( 0,2)	17 0,4 ( 0,4)	10 0,2 ( 0,4)	30 0,2 ( 0,3)
<u>DEATHS:</u> Malignant & other Neo- plasms (A44 - A60) Rate per 1 000 population	78 1,7 ( 1,5)	5 0,5 ( 0,9)	10 0,2 ( 0,4)	15 0,4 (0,3 )	108 0,7 ( 0,7)
<u>DEATHS:</u> Circulatory System (A79- A86) Rate per 1 000 population	164 3,5 ( 3,6)	12 1,2 ( 1,5)	31 0,7 ( 0,7)	62 1,5 ( 1,9)	279 1,9 ( 2,0)
<u>DEATHS:</u> Respiratory System (inc. P.T.B.) (A1 & A87 - 97) Rate per 1 000 population	79 1,7 ( 1,1)	18 1,7 ( 1,2)	54 1,2 ( 0,9)	38 0,9 ( 0,9)	189 1,3 ( 1,0)



D E A T H STOTAL DEATHS REGISTERED (RESIDENTS)

	MALE		FEMALE		PERSONS			
	Deaths All Ages	Rate per 1000 Male Population	Deaths All Ages	Rate per 1000 Female Population	Deaths All Ages	Rate per 1000 Population	Deaths under 45 Years	Percentage of all Deaths
WHITE	238	10,7	187	7,7	425	9,1	42	9,9
COLOURED	44	8,6	23	4,4	67	6,4	28	41,9
AFRICAN	129	5,9	100	4,5	229	5,2	116	50,7
ASIAN	129	6,3	67	3,3	196	4,8	80	40,8
ALL RACES	540	8,0	377	5,2	917	6,5	266	29,0

The collection of African death details has again proved difficult so all African statistics (and those under the "All Race" category) must be considered inaccurate.



## SEASONAL OCCURRENCE OF ALL DEATHS

	WHITE			COLOURED			AFRICAN			ASIAN			ALL RACES		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
January	19	19	38	2	2	4	10	10	20	10	4	14	41	35	76
February	10	5	15	3	-	3	12	7	19	10	5	15	35	17	52
March	16	12	28	1	1	2	8	6	14	7	7	14	32	26	58
April	15	8	23	5	1	6	13	5	18	7	3	10	40	17	57
May	9	8	17	4	2	6	13	8	21	9	2	11	35	20	55
June	35	26	61	5	3	8	13	12	25	17	13	30	70	54	124
July	25	21	46	5	-	5	13	9	22	8	5	13	51	35	86
August	19	16	35	3	-	3	9	10	19	13	6	19	44	32	76
September	23	21	44	2	6	8	7	9	16	19	4	23	51	40	91
October	17	19	36	4	1	5	8	8	16	14	6	20	43	34	77
November	30	20	50	3	4	7	11	6	17	9	7	16	53	37	90
December	20	12	32	7	3	10	12	10	22	6	5	11	45	30	75
TOTAL	238	187	425	44	23	67	129	100	229	129	67	196	540	377	917



## DEATHS OF RESIDENTS IN AGE GROUPS

	WHITE			COLOURED			AFRICAN			ASIAN			ALL RACES		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
Under 1 Year	11	5	16	10	1	11	27	17	44	22	6	28	70	29	99
1 - 2 Years	-	-	-	1	1	2	5	8	13	5	5	10	11	14	25
3 - 4 Years	1	-	1	-	-	-	3	1	4	-	-	-	4	1	5
5 - 14 Years	3	-	3	1	1	2	5	2	7	2	2	4	11	5	16
15 - 24 Years	2	2	4	4	-	4	3	8	11	4	3	7	13	13	26
25 - 34 Years	5	-	5	4	1	5	8	5	13	10	5	15	27	11	38
35 - 44 Years	11	2	13	2	2	4	18	6	24	11	5	16	42	15	57
Total : 0 - 44 Years	33	9	42	22	6	28	69	47	116	54	26	80	178	88	266
45 - 54 Years	21	19	40	8	3	11	27	13	40	14	10	24	70	45	115
55 - 64 Years	46	27	73	3	7	10	15	21	36	29	12	41	93	67	160
65 - 74 Years	64	34	98	5	3	8	14	11	25	23	10	33	106	58	164
75 - 84 Years	52	59	111	6	2	8	2	4	6	7	7	14	67	72	139
85 Years and over	22	39	61	-	2	2	2	4	6	2	2	4	26	47	73
TOTAL	238	187	425	44	23	67	129	100	229	129	67	196	540	377	917



## SUMMARY OF CAUSES OF DEATH (RESIDENTS ONLY)

(Classified into groups and expressed as a percentage of all deaths)

	WHITE	COLOURED	AFRICAN	ASIAN	ALL RACES
A1 - A5 Tuberculosis	0 : 0%	5 : 7,3%	19 : 8,3%	4 : 2,0%	28 : 3,0%
A44- A49 Malignant and other neoplasms excluding & A51-A58 lung	61 : 14,4%	2 : 2,9%	9 : 4,3%	14 : 7,1%	86 : 9,3%
A50 Cancer of Lung (Primary)	17 : 4,0%	1 : 1,4%	1 : 0,4%	1 : 0,5%	20 : 2,2%
A70 Vascular lesions of Central Nervous System	44 : 10,4%	7 : 10,2%	13 : 5,7%	12 : 6,1%	76 : 8,3%
A81 Arteriosclerotic and degenerative heart disease	103 : 24,2%	8 : 11,6%	10 : 4,3%	42 : 21,4%	163 : 17,7%
A79, A80 Other heart diseases A82 & A83	41 : 9,6%	4 : 5,8%	16 : 7,0%	20 : 10,2%	81 : 8,8%
A88-A93 Influenza, Pneumonia and Bronchitis	67 : 15,8%	10 : 14,5%	35 : 15,2%	32 : 16,9%	144 : 15,7%
A104 Gastro-enteritis and Colitis, except of new-born	1 : 0,2%	1 : 1,4%	19 : 8,3%	6 : 3,0%	27 : 3,0%
A105 Cirrhosis of Liver	6 : 1,4%	1 : 1,4%	5 : 2,2%	4 : 2,0%	16 : 1,7%
A127-A129 Congenital malformations	4 : 0,9%	0 : 0%	0 : 0%	1 : 0,5%	5 : 0,5%
A130-A135 Diseases of early infancy, including gastro-enteritis and hypo-proteinaemia	12 : 2,8%	6 : 8,7%	9 : 4,3%	19 : 9,7%	46 : 5,0%
A136-A137 Senility and ill-defined causes	5 : 1,2%	3 : 4,3%	28 : 12,2%	15 : 7,7%	51 : 5,5%
AE138 Motor vehicle accidents	8 : 1,8%	2 : 2,9%	4 : 1,7%	4 : 2,0%	18 : 2,0%
AE148 Suicide	1 : 0,2%	0 : 0%	3 : 1,2%	0 : 0%	4 : 0,4%
All other accidents	3 : 0,7%	1 : 1,4%	9 : 4,3%	0 : 0%	13 : 1,4%
Residue of all deaths	52 : 12,2%	18 : 16,1%	49 : 21,3%	22 : 11,2%	141 : 15,3%



DISEASES OF THE CIRCULATORY SYSTEM

(CODE NOS. A.79 - 86)

RESIDENTS : DEATHS IN AGE GROUPS

	WHITE			COLOURED			AFRICAN			ASIAN			ALL RACES		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
Under 25 Years	-	1	1	-	-	-	-	-	-	1	-	1	1	1	2
25 - 34 Years	-	-	-	1	-	1	-	-	-	2	1	3	3	1	4
35 - 44 Years	2	-	2	-	1	1	4	1	5	3	2	5	9	4	13
45 - 54 Years	9	2	11	1	1	2	6	3	9	3	5	8	19	11	30
55 - 64 Years	20	11	31	-	2	2	6	4	10	15	2	17	41	19	60
65 - 74 Years	27	15	42	2	1	3	4	-	4	15	2	17	48	18	66
75 - 84 Years	23	25	48	3	-	3	1	1	2	6	3	9	33	29	62
85 Years and Over	14	15	29	-	-	-	-	1	1	2	-	2	16	16	32
TOTAL	95	69	164	7	5	12	21	10	31	47	15	62	170	99	269



## DEATHS DUE TO RESPIRATORY INFECTIONS

(CODE A.87 - A.97)

## RESIDENTS (GIVEN IN MONTHS OF THE YEAR)

	WHITE			COLOURED			AFRICAN			ASIAN			ALL RACES		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
January, 1974	2	-	2	-	1	1	2	-	2	-	-	-	4	1	5
February	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
March	1	3	4	-	-	-	-	3	3	2	-	2	3	6	9
April	1	-	1	1	1	2	1	-	1	-	1	1	3	2	5
May	1	2	3	-	-	-	3	1	4	1	-	1	5	3	8
June	13	14	27	3	2	5	3	2	5	8	8	16	27	26	53
July	5	6	11	1	-	1	2	5	7	2	-	2	10	11	21
August	4	1	5	1	-	1	3	1	4	2	-	2	10	2	12
September	5	8	13	-	-	-	2	2	4	4	-	4	11	10	21
October	2	4	6	-	-	-	2	-	2	3	1	4	7	5	12
November	2	2	4	-	1	1	2	-	2	-	1	1	4	4	8
December	3	-	3	2	-	2	1	-	1	1	-	1	6	1	7
TOTAL	39	40	79	8	5	13	21	14	35	22	12	34	90	71	161



## DEATHS DUE TO RESPIRATORY INFECTIONS

(CODE A.87 - A.97)

## RESIDENTS (GIVEN IN AGE GROUPS)

	WHITE			COLOURED			AFRICAN			ASIAN			ALL RACES		
	M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
Under 1 Year	-	-	-	1	-	1	5	3	8	3	-	3	9	3	12
1 - 2 Years	-	-	-	1	1	2	3	2	5	3	1	4	7	4	11
3 - 4 Years	-	-	-	-	-	-	2	-	2	-	-	-	2	-	2
5 - 14 Years	-	-	-	-	-	-	-	-	-	2	-	2	2	-	2
15 - 24 Years	-	-	-	-	-	-	-	-	-	2	-	2	2	-	2
25 - 34 Years	-	-	-	-	1	1	1	-	1	1	-	1	2	1	3
35 - 44 Years	3	-	3	-	-	-	2	1	3	2	1	3	7	2	9
TOTAL : 0-44 Years	3	-	3	2	2	4	13	6	19	13	2	15	31	10	41
45 - 54 Years	2	2	4	2	1	3	2	1	3	3	-	3	9	4	13
55 - 64 Years	5	3	8	1	-	1	1	4	5	2	4	6	9	11	20
65 - 74 Years	16	6	22	2	1	3	4	2	6	4	4	8	26	13	39
75 - 84 Years	10	15	25	1	1	2	1	-	1	-	2	2	12	18	30
85 Years and Over	3	14	17	-	-	-	-	1	1	-	-	-	3	15	18
TOTAL	39	40	79	8	5	13	21	14	35	22	12	34	90	71	161



MALIGNANT AND OTHER NEOPLASMS  
(CODE NOS. A.44-A.60)

	AGE 0 - 24						25 - 44						45 - 64						65 & OVER						TOTAL					
	WHITE			N-WHITE			WHITE			N-WHITE			WHITE			N-WHITE			WHITE			N-WHITE			WHITE			N-WHITE		
	M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F	
A44 Buccal Cavity													1			1					1				1		1		1	
A45 Oesophagus						1												1		2					2		1		5	2
A46 Stomach																			4	2				1	4		2			1
A47 Intestine, except Rectum																		1		2					2		1		1	
A48 Rectum																			1						1					
A49 Larynx															1															
A50 Trachea, Bronchus & Lung							1						9	2	3				2	3					12	5	3			
A51 Breast												2		4							3						7			2
A52 Cervix Uteri												2		3							1						4			3
A53 Other Parts of Uterus																		2												2
A54 Prostate																			5						5					
A55 Skin												1									1						2		1	
A56 Bone & Connective Tissue							1												1						2		1			
A57 Other Unspecified Sites	1							1	1	1	1	1	1	3	1				8	2	1	1	1		10	6	3	2		
A58 Leukaemia	1					1					1		1	1											2	1			3	
A59 Lymphosarcoma													4												4					
A60 Benign Neoplasms						1																								1
TOTAL	2					3	2	1	3	6	17	17		17	9	3			25	14	2	2			46	32	14	16		



## ACCIDENTS, POISONINGS AND VIOLENCE

## "E" CODE

	AGE 0-24						25 - 44						45 - 64						65 & OVER						TOTAL					
	WHITE			N-WHITE			WHITE			N-WHITE			WHITE			N-WHITE			WHITE			N-WHITE			WHITE			N-WHITE		
	M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F	
AEL38 Motor Vehicle Accident	2			5			2			2	1		2			1	1		8						8					2
AEL39 Other Transport Accidents																														
AEL40 Accidental Poisoning																														
AEL41 Accidental Falls																														
AEL42 Accident caused by Machinery																														
AEL43 Accident caused by Fire or Explosion												1																	1	
AEL44 Accident caused by Hot Substance, Corrosive Liquid, Steam and Radiation																														
AEL45 Accident caused by Firearm																														
AEL46 Accidental Drowning				1																								1		
AEL47 All Other Accidental Causes								1			1	3				2	1					1	1			1	2	5	3	
AEL48 Suicide	1							2				1														1		1	2	
AEL49 Homicide (Not in War)								6	2			5				2												13	2	
TOTAL	3			12	5		2	2	1	11	2	3			5	2	2	1			1	10	2	28	10					



SEASONAL OCCURRENCE OF DEATHS FROM MOTOR VEHICLE AND  
OTHER TRAFFIC ACCIDENTS

(Code Nos. AE138 and AE139)

(Residents Only)

	WHITE			COLOURED			AFRICAN			ASIAN			TOTAL		
	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total
January							1		1	2		2	3		3
February	1		1				1	1	2				2	1	3
March	1		1										1		1
April															
May				1		1		1	1	1		1	2	1	3
June															
July															
August	1		1										1		1
September															
October	2		2										2		2
November	1		1										1		1
December	2		2	1		1				1		1	4		4
TOTAL	8		8	2		2	2	2	4	4		4	16	2	18



CAUSES OF DEATH  
(Classified according to International Intermediate List of 150 Causes from Seventh Revision, W.H.O., 1948)

Ref.	Cause of Death	WHITE			COLOURED			AFRICAN			ASIAN			TOTAL		
		M	F	Tot.	1973	M	F	Tot.	1973	M	F	Tot.	1973	M	F	Tot.
A 1	Tuberculosis of respiratory system					4	1	5		13	6	19	10	3	1	4
A 2	Tuberculosis of meninges & central nervous system															
A 3	Tuberculosis of intestines, peritoneum and mesenteric glands															
A 4	Tuberculosis of bones and joints															
A 5	Tuberculosis, all other forms															
A 10	All other syphilis															
A 12	Typhoid Fever															
A 16	Dysentery, all forms															
A 18	Streptococcal sore throat															
A 20	Septicaemia & pyaemia					2	1	1								
A 23	Meningococcal infecns.															
A 30	Late effects of acute poliomyelitis & acute infect. encephalitis															
A 32	Measles															
A 43	All other diseases classified as infective & parasitic															
A 44	Malignant neoplasm of buccal cavity and pharynx	1	1	2	4											
A 45	Malignant neoplasm of oesophagus	2	1	3	1		1	1								
A 46	Malignant neoplasm of stomach	4	2	6	4											
A 47	Malignant neoplasm of intestine, except rectum	2	1	3	3											
A 48	Malignant neoplasm of rectum	1	1	2												



## CAUSES OF DEATH Continued

Ref.	Cause of Death	WHITE			COLOURED			AFRICAN			ASIAN			TOTAL		
		M	F	Tot.	1973	M	F	Tot.	1973	M	F	Tot.	1973	M	F	Tot.
A 49	Malignant neoplasm of larynx	1		1										1		1
A 50	Malignant neoplasm of trachea, bronchus & lung, not specified as secondary								2							
A 51	Malignant neoplasm of breast	12	5	17		1		1	4	1		1	1	15	5	20
A 52	Malignant neoplasm of cervix uteri		7	7					1		2	2	2		9	9
A 53	Malignant neoplasm of other & unspecified parts of uterus		4	4			1	1			1	1			7	7
A 54	Malignant neoplasm of prostate															
A 55	Malignant neoplasm of skin	5		5					1				1	5		5
A 56	Malignant neoplasm of bone & connective tissue		2	2						1		1		1	2	3
A 57	Malignant neoplasm of all other & unspecified sites	2	1	3										2	1	3
A 58	Leukaemia & aleukaemia	10	6	16		2								13	8	21
A 59	Lymphosarcoma & other neoplasms of lymphatic & haematopoietic system	2	1	3					7	1	1	2	2	2	4	6
A 60	Benign neoplasms and neoplasms of unspecified nature	4		4										4	1	5
A 63	Diabetes mellitus	1		1									1			
A 64	Avitaminosis & other deficiency states				2	1	1	2	2	3	2	5		5		10
A 65	Anaemias		1	1									4		1	1
A 66	Allergic disorders; all other endocrine, metabolic & blood disease								3	2		2		4	2	6
		1		1		1	2	3	2	2		2	3	4	2	8



## CAUSES OF DEATH Continued

Ref.	Cause of Death	WHITE				COLOURED				AFRICAN				ASIAN				TOTAL			
		1973		Tot.		1973		Tot.		1973		Tot.		1973		Tot.		1973		Tot.	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
A 67	Psychoses													1				1			
A 70	Vascular lesions affecting central nervous system	17	27	44																	
A 72	Multiple sclerosis		1																		
A 73	Epilepsy																				
A 76	Glaucoma																				
A 78	All other diseases of nervous system & sense organs		1																		
A 80	Chronic rheumatic heart disease	1	1	2																	
A 81	Arteriosclerotic and degenerative heart disease	67	36	103																	
A 82	Other diseases of heart	14	22	36																	
A 83	Hypertension with heart disease	1	2	3																	
A 84	Hypertension without mention of heart																				
A 85	Diseases of arteries	12	7	19																	
A 86	Other diseases of circulatory system		1	1																	
A 87	Acute upper respiratory infections																				
A 88	Influenza	2	4	6																	
A 89	Lobar pneumonia	2	1	3																	
A 90	Broncho-pneumonia	21	25	46																	
A 91	Primary atypical, other, & unspecified pneumonia	7	2	9																	
A 93	Bronchitis, chronic and unqualified	2	1	3																	
A 95	Empyema and abscess of lung		1	1																	
A 97	All other respiratory diseases	5	6	11																	
A 99	Ulcer of stomach	3		3																	



## CAUSES OF DEATH Continued

Ref.	Cause of Death	WHITE				COLOURED				AFRICAN				ASIAN				TOTAL			
		1973		Tot.		1973		Tot.		1973		Tot.		1973		Tot.		1973		Tot.	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
A100	Ulcer of duodenum	2		2														1	2	2	3
A101	Gastritis and duodenitis									1								3	1	1	3
A103	Intestinal obstruction and hernia	1		1														3	1	2	4
A104	Gastro-enteritis & colitis, except diarrhoea of newborn	1		1																	
A105	Cirrhosis of liver	3	3	6		1	1	2	10	9	4	19	27	3	3	6	12	7	15	27	37
A106	Cholelithiasis and cholecystitis																	2	6	16	12
A107	Other diseases of digestive system	3	1	4		1				3	1	4	1	1	3	4					1
A108	Acute nephritis																	5	7	10	10
A109	Chronic, other and unspecified nephritis	3	2	5						1	5	6	1		4			2	8	15	13
A114	Other diseases of genito-urinary system																				
A116	Toxaemias of pregnancy & the puerperium																				
A117	Haemorrhage of pregnancy & childbirth																				
A119	Abortion with sepsis									1								1		1	1
A122	Arthritis and spondylitis																				
A128	Congenital malformations of circulatory system																				
A129	All other congenital malformations	3	1	4														1			2
A130	Birth injuries					1												2	3	5	6
A131	Postnatal asphyxia and atelectasis																	1	1	1	4
A132	Infections of the newborn	1	1	2		4	1	3	2	1	1	3	1					7	6	8	16
A133	Haemolytic disease of the newborn																				
A134	All other defined diseases of early infancy	2	1	3																	







NOTIFIABLE DISEASES

With the spread of Cholera into the sub-continent from the North and with cases occurring in Rhodesia and Mozambique, a close watch has been maintained on the position here, and no cases have been notified so far as I know in the Republic to date.

There has not been any major outbreak of other infectious diseases in the Borough during the year. Cases of infective hepatitis continue to occur regularly but without reaching epidemic proportions.

A mild outbreak of influenza was noted over the winter months, but no one particular type of virus was isolated.

Cases of acute poliomyelitis occurred in the African race group but not in large numbers. All these cases occurred in children living outside the Borough and they were treated in the acute stages in our Infectious Diseases Hospital.



**TOTAL NOTIFICATIONS OF INFECTIOUS DISEASE  
INCIDENCE PER 1 000 POPULATION, RESIDENTS ONLY**

(Where the diagnosis has been altered subsequent to notification, the case has been excluded from this total of notifications).

	WHITE	COLOURED	AFRICAN	ASIAN	TOTAL
Pulmonary Tuberculosis	12 (0,26)	17 (1,63)	69 (1,29)	41 (1,0)	139 (0,93)
Tuberculosis, other forms	1 (0,02)				1 (0,01)
Hepatitis	24 (0,52)	3 (0,29)		1 (0,02)	28 (0,19)
Typhoid Fever		2 (0,19)	5 (0,1)	4 (0,1)	11 (0,07)
Scarlet Fever	2 (0,04)				2 (0,01)
Meningococcal Meningitis	4 (0,09)	1 (0,1)		3 (0,07)	8 (0,05)
Encephalitis	4 (0,09)				4 (0,09)
Diphtheria	1 (0,02)	1 (0,1)	4 (0,08)	1 (0,02)	7 (0,05)
Poliomyelitis			6 (0,12)		6 (0,04)
Malaria	1 (0,02)				1 (0,01)
Erysipelas	1 (0,02)				1 (0,01)
TOTAL	50 (1,08)	24 (2,31)	84 (1,6)	50 (1,21)	208 (1,39)



ADMISSIONS TO NON-WHITE INFECTIOUS  
DISEASE HOSPITAL

	Borough Cases				Out-of-Borough Cases				Total Cases Borough and Out-of-Borough
	C	Afr.	As.	Total	C	Af.	As.	Total	
Diphtheria *	1	5	-	6	1	58	2	61	67
Measles	7	-	-	7	-	-	-	-	7
Chicken Pox	-	-	1	1	-	-	-	-	1
Meningitis	-	1	-	1	-	3	-	3	4
Pulmonary Tuberculosis	12	40	25	77	11	83	2	96	173
Poliomyelitis	-	1	-	1	-	42	-	42	43
TOTAL	20	47	26	93	12	186	4	202	295

\* A number of these diagnoses were subsequently altered.

ADMISSIONS OF NOTIFIABLE DISEASES TO  
SPECIAL BLOCK, GREY'S HOSPITAL

	Borough	Out-of-Borough	Borough	Out-of-Borough
Typhoid	-	1	1	1
Pulmonary Tuberculosis	12	7	7	4
Tuberculosis, other	1	2	1	-
Diphtheria	3	3	-	-
Scarlet Fever	2	1	-	-
Erysipelas	1	1	-	-
Meningococcal Infection	36	17	2	-
Meningitis (Viral)	13	1	-	-
Infective Hepatitis	51	33	3	1
Encephalitis	68	32	-	-
Malaria	2	2	-	-
Ophthalmia Neonatorum	-	1	-	-
Puerperal Fever	-	-	1	-
TOTAL	189	101	15	6

In addition, a further 149 patients were admitted to the Special Block with non-notifiable diseases.

ADMISSIONS TO OTHER HOSPITALS (P.T.B. ONLY)

	White		Col.		African		Asian		Total	
	M	F	M	F	M	F	M	F	M	F
King George V, Durban	3	-	-	-	-	-	-	-	3	-
Doris Goodwin SANTA Centre	-	-	-	-	20	7	-	-	20	7
Richmond Chest Hospital	-	-	-	-	2	2	-	-	2	2
Edendale	-	-	-	-	2	1	2	2	4	3
Greys	-	-	1	-	-	-	-	-	1	-
TOTAL	3	-	1	-	24	10	2	2	30	12



CHOLERA

A number of immunisations were carried out as a precaution.

Details:

	<u>1st Injection</u>	<u>2nd Injection</u>	<u>3rd Injection</u>	<u>Total</u>
White	11	11	58	80
Coloured	2	2	20	24
African	2			386
Asian	1	1	36	38
				<u>528</u>

TYPHOID

Total typhoid immunisations were as follows:

	<u>Dairies</u>	<u>Waterworks</u>	<u>Sewerage Farm</u>	<u>Contacts</u>	<u>Total</u>
White	-	5	1	-	6
Coloured	-	-	-	-	-
African	20	-	14	338	372
Asian	6	1	3	45	55
	<u>26</u>	<u>6</u>	<u>18</u>	<u>383</u>	<u>433</u>

Typhoid boosters were given to 99 persons (7 White, 2 Coloured, 88 African and 2 Asian).

	White	Coloured	African	Asian	Total
1st Injection	7	2	88	2	99
2nd Injection					
3rd Injection					
Total	7	2	88	2	99



TUBERCULOSIS

Staff: Medical Officer (part-time), two White and two African Health Visitors, and two African Health Assistants, all of whom are employed full-time.

Again, during 1974, preventative measures dominated the Tuberculosis Clinic staff's work, and all school newcomers (excluding the White group) were given B.C.G. vaccination. This procedure was also carried out on school leavers, who are first Heaf-tested and, if negative, given B.C.G.

Further, all new-born babies at Grey's and Northdale Hospitals received B.C.G. vaccinations as a matter of routine. This measure was made compulsory by the Government in September, 1973, but early shortages of vaccine caused a delay in implementation.

There were still some difficulties with supplies during the year under review, but these were overcome during the later stages.

The policy of treating active cases of Pulmonary Tuberculosis on an out-patient basis wherever possible was continued, and hospitalisation was avoided with sputum negative cases.

Even when hospitalised, patients were discharged after three consecutive negative sputum tests. The housing occupied by Tuberculosis out-patients is carefully checked, extra rations are distributed to the needy, and periodic re-appraisments made of contacts.

Streptomycin is now only used for hospital patients, and out-patients are normally treated on either Neotizide or Neothetazone.

There was an increase of more than 10% in Clinic attendances during the year to 11 980 (1973 - 10 883), as well as in the number of home visits - 10 554 as against 7 413 the previous year.

The following notified cases were on our Tuberculosis Register as at the 31st December, 1974 (1973 figures in brackets):

	<u>White</u>	<u>Coloured</u>	<u>African</u>	<u>Asian</u>	<u>Total</u>
Pulmonary T.B.	183 (139)	203 (152)	2 933 (2 733)	566 (532)	3 905 (3 556)
Non-Pulmonary T.B.	1 (3)	- (-)	3 (-)	3 (3)	7 (6)

Heaf Tests Carried Out

	(1) First Tests				(2) Following BCG Administration			
	White	Col.	Afr.	Asian	White	Col.	Afr.	Asian
Positive	36	41	866	79	3	1	-	5
Negative	674	623	2366	3051	1	-	1	-
Not Read	60	54	222	74	1	1	-	-
TOTAL	770	718	3454	3204	5	2	1	5



B.C.G. Inoculations :	White	:	1 622
	Coloured	:	1 488
	African	:	1 234
	Asian	:	2 759
<hr/>			
TOTAL	:		7 103
<hr/>			

#### Pulmonary Tuberculosis Hospital Admissions:

T.B. Admissions to the Non-White Infectious Disease Hospital totalled 173, of which 77 were Borough cases (12 Coloured, 70 African and 25 Asian) and 96 Out-of-Borough cases (11 Coloured, 83 African and 2 Asian). Last year's totals were 63 In-Borough and 92 Out-of-Borough cases.

12 Whites, admitted to Grey's Hospital for other causes, were found to have Pulmonary Tuberculosis. A total of 42 Pulmonary Tuberculosis cases were admitted to other hospitals. (See Page 22 Chapter II).

#### Supplementary Rations:

A maximum of 27 Pulmonary Tuberculosis patients, who are unfit for work, are provided with rations, issued weekly and varying according to race. These consist of high-protein and carbohydrate items. A 500g. packet of Nespray is issued in lieu of milk, as this proves more convenient to the many aided patients who do not have refrigerators. Further, free transport to collect the rations is provided.

In addition, the Natal Anti-Tuberculosis Association also assists a number of patients and their dependants. These include approximately 30 per month notified from the Vulindlela Local Authority, Edendale, and the balance from the Municipal Tuberculosis Clinic, the local S.A.N.T.A. Centre and district clinics.

During the year, a total of 801 cases (3 White, 40 Coloured, 754 African and 4 Asian) were assisted.



The following tables illustrate the trend in notifications and deaths from this disease over the period 1956 - 1974:

PULMONARY TUBERCULOSIS  
PIETERMARITZBURG

	NOTIFICATIONS					DEATHS				
	White	Col.	Afr.	As.	Total	White	Col.	Afr.	As.	Total
1956	8	14	86	11	119	0	0	3	4	7
1957	11	11	84	23	129	2	1	14	2	19
1958	13	10	83	24	130	2	0	11	8	21
1959	9	6	97	21	133	1	0	9	2	12
1960	8	10	92	30	140	0	0	10	2	12
1961	4	3	80	23	110	1	2	6	1	10
1962	12	18	107	30	167	1	1	3	2	7
1963	3	14	80	21	118	1	0	2	0	3
1964	11	18	90	22	141	1	0	4	1	6
1965	5	13	72	36	126	0	0	5	3	8
1966	8	6	107	23	144	1	1	3	2	7
1967	5	24	129	48	206	0	1	3	0	4
1968	9	20	111	30	170	1	3	6	0	10
1969	8	13	132	37	190	2	1	3	3	9
1970	14	13	117	45	189	0	1	5	0	6
1971	6	21	121	39	187	1	3	3	0	7
1972	5	12	119	48	184	1	1	4	2	8
1973	15	30	87	46	178	0	0	10	3	13
1974	12	17	69	41	139	0	5	19	4	28

NON-PULMONARY TUBERCULOSIS  
PIETERMARITZBURG

	NOTIFICATIONS					DEATHS				
	White	Col.	Afr.	As.	Total	White	Col.	Afr.	As.	Total
1956	0	0	1	1	2	1	0	0	0	1
1957	4	1	2	1	8	0	1	2	1	4
1958	1	1	4	2	8	0	0	4	1	5
1959	0	1	3	3	7	1	0	3	1	5
1960	0	2	1	2	5	0	0	4	0	4
1961	0	0	3	4	7	0	0	1	1	2
1962	0	1	2	2	5	0	0	0	0	0
1963	2	0	2	1	5	1	0	1	1	3
1964	0	1	7	4	12	0	0	3	0	3
1965	1	0	5	2	8	0	0	2	0	2
1966	0	0	4	4	8	0	0	1	1	2
1967	2	0	4	2	8	0	0	0	1	1
1968	1	1	3	1	6	0	0	0	0	0
1969	2	0	1	6	9	0	0	1	1	2
1970	0	3	1	7	11	0	2	4	0	6
1971	0	0	3	3	6	0	0	0	0	0
1972	2	1	2	3	8	0	0	2	0	2
1973	0	0	2	0	2	0	0	1	0	1
1974	1	0	0	0	1	0	0	1	0	1



## 1974 - TUBERCULOSIS OUT-PATIENTS - PIETERMARITZBURG

	WHITE						COLOURED						AFRICAN						ASIAN						TOTAL					
	Bor.			O/B.			Bor.			O/B.			Bor.			O/B.			Bor.			O/B.			Bor.			O/B.		
	M	F	M	M	F	M	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
New Cases	35	20	5	5	3	31	27	3	-	286	107	735	162	82	66	1	5	434	220	744	170									
Total Attendances	204	150	51	34	34	313	332	7	5	3324	1425	3236	862	1092	903	17	25	4933	2810	3311	926									
Sputa Examined	8	5	-	1	1	18	8	-	-	113	57	553	115	51	22	-	-	190	92	553	116									
Sputa Positive	2	-	-	-	-	-	-	-	-	8	2	25	2	2	3	-	-	12	5	25	2									
X-Rays Examined (excluding Miniatures)	32	33	15	14	14	37	46	-	-	119	81	93	40	106	111	5	5	294	271	113	59									
X-Rays Positive (excluding Miniatures)	15	18	4	5	5	14	17	-	-	45	21	47	18	52	44	1	-	126	100	52	23									
New Cases Found Positive	6	7	-	1	1	2	12	-	-	29	19	64	19	18	21	-	1	55	59	54	21									
Admission to Hos- pital from Clinic	3	-	-	-	-	-	1	-	-	28	7	26	5	5	4	1	1	33	13	30	7									
Contacts Examined	12	6	1	-	-	2	5	-	-	23	16	18	11	6	4	-	-	43	31	19	11									
Home Visits to T.B. Patients and their contacts (Borough cases only)	WHITE 416						COLOURED 534						AFRICAN 8 692						ASIAN 1 002						TOTAL 10 644					



X-RAY CLINIC

In February, 1974, a new Philips Media 20 generator using a 100 mm. Odelca camera was installed in the Municipal Offices and, after teething troubles were overcome, proved to be a valuable asset. Although concentrating mainly on known out-patient and hospital Pulmonary Tuberculosis cases, close contacts were also screened and a total of 5 214 plates were taken. Many of these would have had to have large plates at Grey's Hospital or East Street Clinic, so the 100 mm. machine resulted in a considerable financial saving to the Department.

The 70 mm. Odelca set at the African employment office in Slatter Street continued to operate satisfactorily, and 28 993 plates (mainly Africans for pre-employment) were taken. This machine was also used for routine screening of factories and institutions.

The combined annual total of 34 207 X-Rays was far in excess of the next highest on record and was approximately 3 000 more than the 1973 total.

All steps under the Regulations concerning the Control of Electronic Products under the Public Health Amendment Act of 1971 have been complied with. The two White Clerk/Radiographers, and one African Clerk, have been registered and temporary premises and machine licences have been issued.



70mm. X-RAY CLINIC ATTENDANCES  
YEAR ENDING 31ST DECEMBER, 1974

	WHITE						COLOURED						AFRICAN						ASIAN						TOTAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
	Bor.			O/B.			Bor.			O/B.			Bor.			O/B.			Bor.			O/B.			Bor.			O/B.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
Ref. by Pass Office: Routine Med. Examination : Suspect																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					

TOTAL SUSPECT: 227

TOTAL X-RAYED: 28 893



100mm. X-RAY CLINIC ATTENDANCES  
YEAR ENDING 31ST DECEMBER, 1974

	WHITE						COLOURED						AFRICAN						ASIAN						TOTAL					
	Bor.			O/B.			Bor.			O/B.			Bor.			O/B.			Bor.			O/B.			Bor.			O/B.		
	M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F	
Ref. by Pass Office: Suspect													25	5											25	5				
Pre-employment X-Ray : Private Persons & Firms Mun. Employees	19 158	7 35											17												25 62 205					
Ref. by Employers : Routine : Contact	79 4	51 12											25 58												129 75					
Ref. by Doctors : Suspect : Contact	35 2	21 3											96												263 2					
Ref. under Pneu- moconiosis Act	10												6												16					
Ref. by Health Dept. : Suspect : Contact	5 238	10 137																							50 476					
T.B. Hospital Clinic Follow-up X-Rays																									153					
TOTAL	594	310		20	21		112	104		2	2		988	458		1163	490		557	348		50	15		2251	1220		1215	528	
Suspect P.T.B., excluding doctor, pass office and follow-up cases	41	24		14	5		25	10		5			33	48		56	48		20	29		8	11		119	111		83	64	

TOTAL X-RAYED: 5 216

TOTAL SUSPECT: 277 (excluding Private doctors cases)



RESULTS OF FOLLOW-UP OF SUSPECTED CASES DETECTED  
BY 70 MM. X-RAY

(excluding Pass Office and Private Doctors Cases)

	WHITE			COLOURED			AFRICAN			ASIAN			TOTAL		
	Bor.		O/B.	Bor.		O/B.	Bor.		O/B.	Bor.		O/B.	Bor.		O/B.
	M	F		M	F		M	F		M	F		M	F	
A. P.T.B. Active	-	-	-	1	1	-	14	4	-	2	4	-	17	9	-
B. P.T.B. Inactive	1	-	-	2	4	-	56	6	4	3	5	2	62	15	-
C. Other Lung Conditions	1	-	-	-	-	-	2	3	1	-	-	-	3	3	1
D. Cardiac Conditions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
E. Nil Abnormal	1	1	-	3	2	-	22	10	4	1	11	5	37	18	1
F. Other Conditions noted	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
G. Did not re-attend	1	1	-	1	1	-	12	11	18	5	2	1	16	14	7
TOTAL	4	2	-	7	8	-	106	34	23	11	18	15	135	59	8

Number of Suspects	P.T.B. (Active or Inactive)	= 103	= 45,4%
" " " "	did not re-attend	= 57	= 25,1%
" " " "	Nil abnormal	= 60	= 26,4%
" " " "	Other conditions	= 7	= 3,1%
		<u>227</u>	<u>= 100,0%</u>



FOLLOW-UP OF SUSPECTED CASES DETECTED BY 100mm. X-RAY  
(excluding Private Doctors cases)

	WHITE						COLOURED						AFRICAN						ASIAN						TOTAL					
	Bor.			O/B.			Bor.			O/B.			Bor.			O/B.			Bor.			O/B.			Bor.			O/B.		
	M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F	
A. P.T.B. Active	4	3		1			7	2					24	13		14	10		8	3		3	3		48	26		18	13	
B. P.T.B. Inactive	17	6		3	2		12	2		2			3	10		14	11		2	7		1	1		34	25		20	14	
C. Other lung conditions	8	9		1	1		4	3					3	11		11	7		4	4					19	27		12	9	
D. Cardiac Conditions																														
E. Nil Abnormal	8	2		4			1	2		1			3	6		5	8		1	5		2	2		13	15		12	10	
F. Other Conditions noted																														
G. Did not re-attend	4	4		5	2		1	1		2				8		12	12			5		2	4		5	18		21	18	
TOTAL	41	24		14	5		25	10		5			33	48		56	48		20	29		8	11		119	111		83	64	

No. of Suspects	P.T.B. active or inactive	: 198	= 52.5%
Did not re-attend	:	62	= 16.4%
Nil abnormal	:	50	= 13.3%
Other Conditions	:	67	= 17.8%

TOTAL : 377



ANALYSIS OF PASS OFFICE  
X-RAYS TAKEN

	Borough		Out-of-Borough		Total
	Male	Female	Male	Female	
Total X-Rayed	4 123	2 085	14 739	3 219	24 166
Suspect P.T.B. (70 mm)	233 (5,7%)	61 (2,9%)	692 (4,7%)	90 (2,8%)	1 076 (4,4%)

FOLLOW-UP RESULTS

	Borough		Out-of-Borough		Total
	Male	Female	Male	Female	
1a. P.T.B. Active	23	7	59	12	101
1b. P.T.B. Inactive	61	16	226	16	319
2. Other Lung Conditions	12	--	--	--	12
3. Cardiac Conditions	--	--	--	--	--
4. Spinal or Thoracic Cage	--	--	--	--	--
5. N.A.D.	98	34	341	50	523
6. Other Conditions noted	--	--	--	--	--
7. Did not re-attend	39	4	66	12	121
TOTAL	233	61	692	90	1 076



VENEREAL DISEASE

Staff: Three Public Health Medical Officers (all part-time), one White Health Visitor (half-time, three Bantu Health Visitors and two Bantu Health Assistants, the latter devoting their full-time to Venereal Disease.

The total number of new cases coming for treatment during 1974 was 3 314 which represents a small increase on the previous year with 3 024 cases. In all 9 180 total attendances were recorded (8 336 in 1973).

The main problem in our Venereal Disease Clinics remains that of defaulting, and much time and energy is spent in trying to trace defaulters. Quite a large number of out-of-borough cases come long distances to our clinics and often cannot afford to attend regularly. Indeed, all our advice and efforts to persuade out-of-borough new cases to attend clinics nearer their homes seems to fall on deaf ears and, in consequence, treatment regimes being sporadic and incomplete often leave much to be desired.



VENEREAL DISEASE CLINIC  
ATTENDANCES OF NEW CASES FOR YEAR

	WHITE						COLOURED						AFRICAN						ASIAN						TOTAL						Total All Races	
	Bor.			O/B.			Bor.			O/B.			Bor.			O/B.			Bor.			O/B.			Bor.			O/B.				
	M		F	M		F	M		F	M		F	M		F	M		F	M		F	M		F	M		F					
1. Seroneg. Primary Syphilis							2			1			4			2																
2. Seropos. Primary Syphilis	3																															
3. Secondary Syphilis							3									1																
4. Tertiary Syphilis (Clinical)																1																
5. Endosyphilis (Serological)	1						1	2																								
6. Neurosyphilis																																
7. Cong. Syphilis under 1 Year								1																								
8. Cong. Syphilis over 1 Year																																
Total Syphilitic Infections	3	1					6	7	1	3						375	97	501	277	14	9											
9. Gonorrhoea	5						14		1	1						457	87	418	159	16	3											
10. G.C. Vulvo- Vaginitis																		1														
11. G.C. Ophthalmia																				1												
Total Gonorrhoeal Infections	5						14		1	1						457	87	419	159	16	4											
12. Ulcus Molle																23	1	23	1													
13. Lymph. Venereum																																
14. Gran. Venereum																																
15. Venereal Wart							1									57	2	51	14													
16. Phagadaena																			1													
17. Suspected V.D.	1						9	1	1	1						113	27	89	60	6	5	1										
18. Multi-Disease							1	1								86	13	135	72	1	3											
19. Nil Abnormal Detected	3															1	17	3	21	9	2	1										
TOTAL	11	2					31	9	3	5						1112	244	1221	605	46	23	2										



VENEREAL DISEASE CLINIC  
TOTAL ATTENDANCES FOR YEAR

	WHITE						COLOURED						AFRICAN						ASIAN						TOTAL						Total All Races	
	Bor.			O/B.			Bor.			O/B.			Bor.			O/B.			Bor.			O/B.			Bor.			O/B.				
	M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F		M	F						
1. Seroneg. Primary Syphilis	4						11	1	5				224	16		277	61		241	17					318	192		325	232	61	602	
2. Seropos. Primary Syphilis	5						6	17	3	11			291	162		317	221														1067	
3. Secondary Syphilis							12	1	1	1			727	141		652	438		757	150											2010	
4. Tertiary Syphilis (Clinical)													3	1		1			3	1											5	
5. Endosyphilis (Serological)	3	2					3	28		3			39	70		17	67		50	122											261	
6. Neurosyphilis							1	3						2		18	2		1	5											26	
7. Cong. Syphilis under 1 Year																																
8. Cong. Syphilis over 1 Year																5	2														7	
Total Syphilitic Infections	12	2					33	50	9	15			1284	392		1287	791		1370	487											3978	
9. Gonorrhoea	9						41		7	1			1202	221		1024	350		1285	230											2897	
10. G.C. Vulvo-Vaginitis																1	2														3	
11. G.C. Ophthalmia																		5													5	
Total Gonorrhoeal Infections	9						41		7	1			1202	221		1025	352		1290	230											2905	
12. Ulcus Molle													67	9		52	5		67	9											133	
13. Lymph. Venereum																1															1	
14. Gran. Venereum																2															2	
15. Venereal Wart							1						221	11		196	50		222	11											480	
16. Phagadaena													4				1		4													5
17. Susp. V.D.	4	2					28	3	4	1			258	88		169	124		300	99											698	
18. Multi Disease							4	3					254	42		331	204		259	68											863	
19. Nil Abnormal Detected	4						1						33	8		47	17		41	10											115	
TOTAL	29	4					108	56	20	17			3323	771		3110	1544		3553	914											9180	

TOTAL FOR YEAR : 9 180



ANTE-NATAL TREATMENT OF SYPHILIS AT V.D. CLINICS  
YEAR ENDING 31ST DECEMBER, 1974

	STAGE OF PREGNANCY																							
	1 - 3 Months						4 - 6 Months						7 - 9 Months											
	White			Col.			Afr.			As.			White			Col.			Afr.			As.		
	B	O/B	B	O/B	B	O/B	B	O/B	B	O/B	B	O/B	B	O/B	B	O/B	B	O/B	B	O/B	B	O/B	B	O/B
No. of Pregnant women submitted to Seological Test																								
No. of Positive or Doubtful Reactors																								
No. of those who had previously received treatment																								
No. undergoing a First Course of treatment during pregnancy																								
No. undergoing a 2nd or 3rd Course of treatment during pregnancy																								
TOTAL																								



V.D. CLINIC DEFAULTER INVESTIGATIONS

	WHITE		COLOURED		AFRICAN		ASIAN	
	M	F	M	F	M	F	M	F
UNABLE TO TRACE					84	31		
RETURNED TO CLINIC					136	40		
DID NOT RETURN					3	2		
TOTAL OF DEFAULTERS					223	73		
NO. OF VISITS					314	97		
<u>RETURNED TO CLINIC</u>								
<u>A. At Request of Health Visitor or Bantu Health Assistant</u>								
1) Following personal visits	21				109	35		
2) Following letters	22							
3) Following telephone calls	23							
4) Following accidental encounter	24				4			
<u>B. Supplementary Visits by Bantu Health Assistants</u>								
1) Employer telephoned	31				64	4		
2) Employer visited	32				11			
3) Defaulters visited	33							
<u>REASONS FOR DEFAULTING</u>								
No reason	41				68	9		
Unable to pay transport	42							
Left City	43				35	2		
Hours of work prevent attendance	44							
Clinic Hours unsuitable:	45							
Prefer morning clinic	A							
Prefer afternoon clinic	B							
Prefer evening clinic	C							
Prefer Saturday morning clinic	D							
Thought him/herself cured	46				121	37		
Races not separated enough	47							
Clinic not private enough	48							
Reaction to Injections	49							
Illness	50				4			
Other reasons	51				40	5		



### CHILD WELFARE

The child welfare services provided at different clinics for all racial groups continued to prove most popular. Each week five sessions each are held for Whites, Asians and Africans respectively while two sessions are held for Coloureds.

During the year a new clinic in a converted house was opened for Asians in Valda Road, Northdale, and another in similar circumstances for Whites in White Road, The Grange. Both have been extremely well attended. Family planning activities are run in conjunction with the infant welfare sessions at these two clinics and the combined clinics have proved to be very successful. A total of 4 427 new infant welfare cases were seen during the year.

The homes of all registered newborns are visited by the public health nursing staff and advice is given where necessary to all the mothers. In all 20 688 home visits in respect of infant/child welfare were carried out in 1974 (19 900 in 1973).

The department had the benefit of advice and assistance of pediatricians practising in the City during the year and for this we do thank them. It is hoped that an even closer liaison may eventuate in the coming year.



INFANT WELFARE1. INFANT CLINICS

	White	Coloured	African	Asian	Total
<u>NEW CASES</u> : Under 1 Year	1 078	331	1 097	1 726	4 232
: Over 1 Year	40	15	60	80	195
TOTAL :	1 118	346	1 157	1 806	4 427
<u>ATTENDANCES</u> : Under 1 Year	9 802	3 220	11 995	17 937	42 954
: Over 1 Year	1 010	1 126	5 332	5 126	12 594
TOTAL :	10 812	4 346	17 327	23 063	55 548

2. HOME VISITS

	White	Coloured	African	Asian	Total
Ante-Natal	12	32	19	157	220
First Visits - (Notified Births)	738	282	894	1 663	3 577
Re-Visits - Under 1 year	795	979	1 313	2 537	5 624
Re-Visits - Over 1 year	867	1 752	1 229	4 664	8 512
Infectious Disease (Non-T.B.)	60	37	2	37	136
Protected Infants	11	-	27	27	65
Pediculosis & Scabies Visits	3	7	2	219	231
Infant Mortality Visits	5	7	3	31	46
Other Home Visits	409	307	360	1 201	2 277
TOTAL	2 900	3 403	3 849	10 536	20 688

3. MILK POWDER AND PROTEIN VITAMIN MINERAL (VITA BIOS) (PACKETS):

	White	Coloured	African	Asian	Total
P.V.M.	328	565	9 832	5 164	15 889
Nespray	772	495	2 784	2 182	6 233

During the year, these feed supplements, issued under the State Health Anti-Kwashiorkor scheme, were varied, with Protein Mineral largely replacing the milk powder earlier used. The comparatively low incidence of Kwashiorkor in Pietermaritzburg indicated again that the scheme plays, at least, some part in this achievement.



DIPHTHERIA

Immunisation against Diphtheria continues to be one of the major undertakings of the Child Welfare section. During the year 3 144 children were immunised against the disease. (White 650; Coloured 284; African 688 and Asian 1 522).

Of these 409 Whites, 155 Coloureds, 492 African and 780 Asian infants were immunised against Whooping Cough and Tetanus at the same time as against Diphtheria, and 230 Whites, 128 Coloureds, 196 African and 742 Asians received Diphtheria/Tetanus immunisation.

The percentages of children completing the immunisation course were as follows:

White : 67,4; Coloured : 67,5; African : 52,0; Asian : 69,0.

The total number of booster doses given was 3 880 (White : 1 033; Coloured : 218; African : 126; Asian : 2 503).

The total number of Diphtheria immunising injections was 17 225 (White : 3 470; Coloured : 1 250; African : 3 090; Asian : 9 415).

The following table gives the total births, the notifications and deaths from Diphtheria, and the number of children immunised (completed courses) by the Public Health Department since 1965:

	WHITE				COLOURED				AFRICAN				ASIAN			
	Births	Immunised	Notifications	Deaths	Births	Immunised	Notifications	Deaths	Births	Immunised	Notifications	Deaths	Births	Immunised	Notifications	Deaths
1965	734	602	1	-	229	209	1	-	815	256	2	-	688	1000	1	-
1966	680	756	-	-	205	241	-	-	983	376	4	-	777	956	1	-
1967	807	610	*4	1	294	207	5	-	1000	503	7	-	1252	907	5	2
1968	992	648	-3	-	353	188	-	-	892	430	3	-	1277	996	10	3
1969	1068	824	-1	-	298	266	3	-	707	414	2	2	1511	1170	4	-
1970	901	707	-	-	336	310	2	-	481	522	1	2	1157	1172	-	-
1971	858	932	-	-	528	737	3	2	328	342	-	-	1279	1643	-	-
1972	986	990	1	-	292	342	-	-	521	2154	-	4	1303	1884	-	-
1973	831	865	-	-	354	346	-	-	522	756	-	-	1378	1717	-	-
1974	972	650	1	-	310	284	1	-	903	688	4	-	1475	1522	1	-

\* Includes 1 Diphtheria Ulcer

- Includes 1 Carrier

The immunisation history of 9 of the Diphtheria cases admitted to our hospital in 1974, and confirmed by Virulence test, showed that none had been immunised, or no information was available concerning immunisation. Of these, three died.

It should be noted that all the above admitted cases came from the rural areas of the Natal Midlands, i.e. outwith the Borough itself.



ANTERIOR POLIOMYELITIS

During the year, six cases (all African) of Anterior Poliomyelitis were reported in Pietermaritzburg.

Oral Poliomyelitis Vaccine (Sabin) was offered to eligible age groups in all races as laid down by the State Health Department.

The vaccine is now given at the regular immunisation clinics held throughout the year. During 1974, this Department administered the following doses of the Oral Vaccine (Sabin Types I, II and III):

POLIOMYELITIS IMMUNISATION

RACE	AGE GROUPS AND FEEDS														
	Under 1 year			1-4 years			5-9 years			10-19 years			Over 19 years		
	1st Feed	2nd Feed	3rd Feed	1st Feed	2nd Feed	3rd Feed	1st Feed	2nd Feed	3rd Feed	1st Feed	2nd Feed	3rd Feed	1st Feed	2nd Feed	3rd Feed
WHITE	1008	872	770	19	11	5	10	8	9	8	7	5	7	9	10
COL.	408	329	306	26	14	8	9	3	1	-	-	1	-	-	-
AFR.	1202	885	687	88	45	42	19	7	7	3	1	-	-	-	-
ASIAN	2235	1841	1581	49	18	16	17	5	5	-	1	-	-	-	-
TOTAL	4853	3927	3344	182	88	71	55	23	22	11	9	6	7	9	10

The annual incidence of Poliomyelitis in Pietermaritzburg is shown in the following table of notifications:

1945 - 7;	1946 - 0;	1947 - 2;	1948 : 32;
1949 - 4;	1950 - 1;	1951 - 11;	1952 : 3;
1953 - 3;	1954 - 25;	1955 - 20;	1956 : 51;
1957 - 20;	1958 - 4;	1959 - 4;	1960 : 6;
1961 - 1;	1962 - 0;	1963 - 2;	1964 : 1;
1965 - 1;	1966 - 0;	1967 - 0;	1968 - 2;
1969 - 9;	1970 - 2;	1971 - 1;	1972 - 1;
1973 - 0;	1974 - 6.		

Non-White Poliomyelitis cases are treated in the Non-White Infectious Diseases Hospital for a period of three weeks and then transferred to the other hospitals or Kwa Hlegabantu for further orthopaedic treatment when required. White cases are being treated in the isolation wards of Grey's Hospital, when necessary.



SMALLPOX VACCINATION

Vaccination of infants (all races) has been carried out at the Municipal Infant Welfare Clinics and adults applying to the Public Health Department are also vaccinated. This service serves to supplement the free service available to the public through the Public Vaccination carried out by the District Surgeon, and the vaccination carried out by the General Practitioners, returns of which are no longer received by this Department. It should be noted that the Public Health Department cannot issue an International Certificate of Vaccination.

The number of primary vaccinations carried out by this Department at its Clinics during this period was 3 066. (White : 452; Coloured : 301; African : 1429; Asian : 767).

Vaccination is also carried out on certain African attending pre-employment examination at the Pass Office. (See page 49, Chapter VI).

MATERNAL MORTALITY

No deaths were recorded.

The Midwifery Training School at Grey's Hospital (the Provincial Hospital) provides midwifery services for Whites, Coloureds and Asians in the wards of Grey's Hospital, and District Midwifery Services in Pietermaritzburg for Whites, Coloureds and Asians. In addition, Ante-Natal Clinic Services for these races are provided.

A weekly Ante-Natal Clinic session has been commenced by Grey's Hospital staff in the Northdale Municipal Infant Welfare Clinic building. This facility has been granted to the Province free of charge by the City Council.

The Bantu Maternity Wards and Ante-Natal Services at Imbali are provided at the General Hospital at Edendale. African District Midwifery is carried out in the Sobantu Village by a Municipal African Midwife.

The following figures have been supplied by the courtesy of the Medical Superintendent of Grey's Hospital:

(a) Ante-Natal Clinic Attendances:

Whites	:	1 131
Coloureds	:	1 927
Asians	:	<u>10 407</u>
TOTAL	:	<u>12 465</u> (14 910 last year)

Of these, 51 Coloureds and 33 Asians reacted positively to VDRL Tests.

(b) Total number of District Midwifery Visits:

Whites	:	80
Coloureds	:	872
Asians	:	<u>4 823</u>
TOTAL	:	<u>5 775</u> (8 203 last year)

Sobantu .../



SOBANTU VILLAGE

The Municipal African Midwives conducted 31 confinements, made 704 Ante-Natal visits, and 692 maternity visits. All were in the Village, where an ante-natal clinic was held at the Dispensary. Details:

No. of New Patients	Ante-Natal Attendances	VDRL's taken	VDRL's Positive	RH Positive	RH Negative
88	387	97	12	46	0

The Midwifery District Service previously conducted by this Department at Imbali has been discontinued. Pietermaritzburg is a "prescribed area" under Section 39(b) of the Medical and Pharmacy Act No. 13 of 1938.



## DEATHS UNDER ONE YEAR

		WHITE			COLOURED			AFRICAN			ASIAN			TOTAL		
		M	F	P	M	F	P	M	F	P	M	F	P	M	F	P
Peri- Natal	1st 24 Hours	6	2	8	4	1	5	5	3	8	9	1	10	24	7	31
	2nd - 7th Days	3	1	4	-	-	-	2	-	2	4	-	4	9	1	10
	TOTAL - 1 Week	9	3	12	4	1	5	7	3	10	13	1	14	33	8	41
Neo- Natal	1 Week - 1 Month	1	1	2	1	-	1	1	1	2	-	1	1	3	3	6
	TOTAL - 1 Month	10	4	14	5	1	6	8	4	12	13	2	15	36	11	47
Post-Neo Natal	1 Month - 2 Months	-	-	-	1	-	1	4	4	8	5	3	8	10	7	17
	3 Months - 5 Months	1	-	1	1	-	1	2	1	3	1	1	2	5	2	7
	6 Months - 8 Months	-	1	1	3	-	3	6	6	12	2	-	2	11	7	18
	9 Months - 11 Months	-	-	-	-	-	-	7	2	9	1	-	1	8	2	10
	TOTAL - 1 - 11 Months	1	1	2	5	-	5	19	13	32	9	4	13	34	18	52
TOTAL INFANT MORTALITY		11	5	16	10	1	11	27	17	44	22	6	28	70	29	99



## DEATHS UNDER 1 YEAR

(INFANT MORTALITY RATE)

		WHITE	COLOURED	AFRICAN	ASIAN	ALL RACES
Peri-Natal	First 24 Hours	8 : 8,2	5 : 16,0	8 : 8,8	10 : 6,8	31 : 8,5
	2nd - 7th Days	4 : 4,1	-	2 : 2,2	4 : 2,7	10 : 2,7
	TOTAL - 1 WEEK	12 : 12,3	5 : 16,0	10 : 11,0	14 : 9,5	41 : 11,2
Neo-Natal	1 Week - 1 Month	2 : 2,1	1 : 3,2	2 : 2,2	1 : 0,7	6 : 1,6
	TOTAL - 1 MONTH	14 : 14,4	6 : 19,2	12 : 13,2	15 : 10,2	47 : 12,8
Post-Neo-Natal	1 Month - 2 Months	-	1 : 3,2	8 : 8,8	8 : 5,4	17 : 4,6
	3 Months - 5 Months	1 : 1,0	1 : 3,2	3 : 3,3	2 : 1,4	7 : 1,9
	6 Months - 8 Months	1 : 1,0	3 : 9,6	12 : 13,2	2 : 1,4	18 : 4,9
	9 Months - 11 Months	-	-	9 : 10,0	1 : 0,7	10 : 2,7
	TOTAL - 1 - 11 MONTHS	2 : 2,0	5 : 16,0	32 : 35,6	13 : 8,9	52 : 14,1
INFANT MORTALITY RATE		16 : 16,5	11 : 35,2	44 : 48,8	28 : 19,0	99 : 26,9

Percentage of deaths of all ages during first year of life:

White	:	3,8%
Coloured	:	16,4%
African	:	19,2%
Asian	:	14,3%
All Races	:	10,8%



## CAUSES OF DEATH : INFANT MORTALITY

(Classified according to International Intermediate List of 150 Causes from Seventh Revision, W.H.O. 1948)

CHAPTER V

1974

Ref.	Cause of Death	WHITE			COLOURED			AFRICAN			ASIAN			TOTAL		
		M	F	Tot.	M	F	Tot.	M	F	Tot.	M	F	Tot.	M	F	Tot.
		1973	1973	1973	1973	1973	1973	1973	1973	1973	1973	1973	1973	1973	1973	1973
A 1	Tuberculosis of respiratory system							1		1	1		1	2		1
A 6	Congenital syphilis										1		1			1
A 20	Septicaemia & pyaemia				1	1	2	2	1	3	3	2	5			3
A 23	Meningococcal infect.							1		1	2		3			4
A 32	Measles				1	1	2				1		1			4
A 64	Avitaminosis & other deficiency states								1	1			1			
A 70	Vascular lesions affecting central nervous system															
A 82	Other diseases of heart	1		1												1
A 87	Acute upper respiratory infections															
A 88	Influenza							1		1			1			1
A 89	Lobar pneumonia															
A 90	Bronchopneumonia				1		1	4	3	7	2		2	7	3	10
A 91	Primary atypical, other & unspecified pneumonia							1	1	2				1		3
A 93	Bronchitis, chronic & unqualified							1		1						15
A 101	Gastritis & duodenitis															5
A 104	Gastro-enteritis and colitis, except diarrhoea of newborn							1	1	2				1		1
A 107	Other diseases of digestive system				1		1	9	7	16	3		3	13	7	20
A 109	Chronic, other and unspecified nephritis															
A 114	Other diseases of genito-urinary system								1	1				1		1
A 128	Congenital malformations of circulatory system															
A 129	All other congenital malformations	3	1	4												1
																2
																5



## CAUSES OF DEATH : INFANT MORTALITY Continued

Ref.	Cause of Death	WHITE			COLOURED			AFRICAN			ASIAN			TOTAL		
		1973		M	1973		M	1973		M	1973		M	1973		1973
		M	F		M	F		M	F		M	F		M	F	
Al30	Birth injuries			1		1								1		3
Al31	Postnatal asphyxia and atelectasis															
Al32	Infections of the newborn		1	1		5			6		3			7	5	16
Al33	Haemolytic disease of the newborn															2
Al34	All other defined diseases of early infancy		1	1								1			2	1
Al35	Ill-defined diseases peculiar to early infancy, and immaturity unqualified	2		2	1	1					2			1		4
Al37	Ill-defined and unknown causes of morbidity & mortality	5	1	6	1	2	1	3	3	8	11	3	17	7	5	9
								3	3				3	1	3	7
	TOTAL	11	5	16	14	10	9	27	44	22	28	6	63	35	29	113



MEDICAL EXAMINATION OF AFRICANS

Although the newly-formed Drakensberg Bantu Affairs Administration Board has now taken over the influx control of Africans entering Pietermaritzburg, all work-seekers in the City are still subject to a medical examination, chest X-Ray, and single-insertion vaccination (unless the latter two procedures have been carried out in the previous six months).

By arrangement, the Public Health Department carries out this procedure. Emphasis is on Venereal Disease and Pulmonary Tuberculosis, and the following table reflects details:

	Number Examined	Referred to X-Ray	Susp. PTB after X-Ray	Confirmed PTB (act. or inact.)	Rejected V.D.	Rejected Other Causes	Vacci- nated
Male	25 074	18 862	925	369	219	9	17 166
Female	7 075	5 304	151	51	85	3	4 099
TOTAL	32 149	24 166	1 076	420	304	12	21 265

SOBANTU VILLAGE DISPENSARY

Yet again, this general out-patients Clinic which is held three mornings a week at Sobantu Village has shown a marked increase in popularity, and the need to expand the service is becoming a necessity.

A full-time Bantu nurse, who lives in the Village, assists at the Clinic, does the necessary dressings and follow-up treatment, and visits patients in their homes.

Total attendance during the year was 5 103, compared with 4 812 last year, and 3 891 in 1972. Home nursing visits totalled 1 520 to 650 patients, 329 of whom were new cases.



### FAMILY PLANNING

It is pleasing to record that the Municipal Family Planning Clinics throughout the City dealt with steadily increasing numbers of cases during 1974. New Clinics were opened in the African townships of Sobantu and Imbali, and in spite of some African resistance (particularly by the men folk) to the idea of family planning, these two Clinics are steadily attracting increasing numbers of cases. In addition, two sub clinics, i.e. where pills only are dispensed to patients already seen by doctors, were opened at Valda Road, Northdale and at White Road, The Grange.

Staff had to be increased at some of the busier clinics (e.g. Boom Street) due to the large numbers attending.

The Doctors who attend these clinics are carrying out a worthwhile service and I do acknowledge, with grateful thanks, their efforts in this regard.

There were no difficulties in obtaining regular supplies of drugs and necessary equipment during the year, and my thanks go to the Regional Director of State Health, Durban, for his ready assistance and co-operation in regard to this service.



FAMILY PLANNING CLINICSYEAR ENDING 31ST DECEMBER, 1974

	White	Col.	Afr.	As.
A. Number of <u>new patients</u> (i.e. those attending for the first time) who presented themselves during the abovementioned period	186	106	2 147	452
B. <u>Total number of Attendances</u>	1 478	1 611	14 726	6 232
C. <u>Tablets</u> Number of individual patients to whom oral contraceptives were issued during this period	1 165	1 400	14 498	5 791
D. <u>Intra-Uterine Devices</u> 1. Number of intra-uterine devices <u>inserted</u> during this period	48	44	264	164
2. Number <u>removed</u> during this period on account of abnormal symptoms or planned pregnancy	-	-	-	-
E. <u>Other Contraceptives</u> Number of patients to whom other contraceptives were issued:				
(i) Caps	(Total = 2)			
(ii) Condoms	(Total = 10 gross)			
(iii) Cream	-	-	-	-
(iv) Depo-Provera	183	200	1 560	198



EXFOLIATE CYTOLOGY SERVICE

This free service for the examination of and the reporting on Pap smears was continued throughout 1974 and the numbers of smears submitted rose by over 80% on the previous year. The main reason for this increase was the increased numbers of new attenders at Family Planning Clinics being tested - as all over the age of 25 years are now Pap smeared routinely. The increased numbers put a strain on the Government laboratory where the cytological examination is carried out, but the situation was contained eventually.

Out of 2 482 smears, 3 were found to be "positive" for malignancy.



AMBULANCE

The following figures have been furnished by the courtesy of the Chief Fire Officer:

1) Total number of cases removed	:	7 793
2) Infectious cases removed	:	907

LABORATORY WORK

## (a) Private Pathologist:

Throat Swabs K.L.B. ....	67
Nasal Swabs, Diphtheria ....	1
Nasal Swabs, T.B. ....	1
Blood S.G.S.T. ....	84
Blood F.B.C. E.S.R. ....	51
Sputum T.B. ....	14
Stools ....	132
Urine ....	119
TOTAL	<u>466</u>

## (b) Work done in Departmental Laboratory:

No. of Mosquito larvae examined ....	200
No. of Mosquito adults examined ....	76
No. of Snails examined ....	300
No. of Physopsis identified ....	250

WATER SUPPLIES

Our thanks are due to the City Engineer for the following information:

The City's water supply continues to be drawn from the Umzindusi and its tributaries and from the Umgeni River, with this raw water being purified at the Signal Hill Water Purification Works and the Ferncliffe Water Purification Works respectively. To keep ahead of the demand for purified water in the city, tenders have been invited for major extensions to the latter works.

The new 23 Ml reservoir at Belfort has been completed and the trunk water mains from Ferncliffe to Belfort and from Belfort to Hathorns Reservoir are nearing completion. Tenders for the next stage of the trunk main system, on the north eastern side of the city, to serve upper Northdale and Eastwood, have been invited. In the south-eastern quarter a new trunk main from Bisley Reservoir to Murray Road is being laid to increase supplies to Cleland, Hayfields and environs.

During the year supplies to consumers throughout the city have remained adequate despite the exceptionally dry period from August to October. The high rainfall during the early part of the year kept the Henley Dam full until August, whereas on a number of occasions in previous years significant drawdown had started in May and June.

During .../



WATER SUPPLIES Cont'd.

During the year the Laboratory at the Signal Hill Water Purification Works tested 824 samples taken from the reticulation system and reservoirs, all of which were found to be satisfactory.

The average daily water consumption during the calendar year 1974 was 52 957 megalitres.

\* \* \* \* \*

Bacteriological Examination by Bio-Chemist, City Engineer's Department. (Results recorded in accordance with method laid down by Ministry of Health - Publication No. 71, 1939).

	MUNICIPAL WATER SUPPLY			OTHER SUPPLIES (Streams, Springs, Wells, etc.)		
	Incubation Period		Differ- ential Test (Faecal) 48 hrs.	Incubation Period		Differ- ential Test (Faecal) 48 hrs.
	24 hrs.	48 hrs.		24 hrs.	48 hrs.	
Class I (Highly Sat., 0)	66	4	70	1		
Class II (Satis., 1-2)					2	
Class III (Suspicious, 3-10)						
Class IV (Unsat. over 10)					1	



### ENVIRONMENTAL HEALTH

Control of the environment in respect of hygiene and sanitation remained at a high level during the year and this in spite of staffing difficulties throughout the year. A careful watch was kept on milk purveyors and food handling establishments and all complaints from the public were investigated and dealt with without delay.

A close check was kept on the various watercourses in the City for bilharzial-carrying molluscs and mollusciciding operations were carried out from time to time. In addition, a constant watch is maintained over the breeding of anopheline mosquitoes in the rainy season and breeding sites are dealt with when found.

Meat supplies for the City are mainly obtained from the Government Abattoir in the City. However, any other meat imported into Pietermaritzburg is examined by our Inspectors before being released for public consumption.



### MEAT SUPPLIES

Regular inspections of butchers' shops were again carried out by the Department's Health Inspectors, and a list of meat, fish and fowl condemned after inspection is shown on page 63, Chapter VII.

The following meat, imported into the Borough, was examined by our Inspectorate:

Beef - 1 143 carcasses; Mutton - 9 710 carcasses; Pork - 313 carcasses; Goat - 78 carcasses; Veal - 7 carcasses; Offal - 1 692 kg.; Beef quarters - 371.

Fees accrued from these inspections amounted to R2 828-47.

### MILK SUPPLIES

Continued vigilance and control over milk supplies in Pietermaritzburg was maintained during the year, and resulted in the number of prosecutions more than doubling to 31.

Milk was derived from 10 producer-distributors, one of whom was in the Borough. Further, there were 167 producers. Out of the Borough, 57 of whom sent their milk to the one pasteurisation plant in Pietermaritzburg (National Co-operative Dairies). Another 99 sent their milk to Pinetown for pasteurisation, whence it was returned to the Creamline depot in Pietermaritzburg for distribution.

A new dairy, Rosemarie, which was previously at Hillcrest, has moved to Thornville, and is supplied by 11 producers.

All dairymen are registered with this Department and their premises are inspected regularly. Approximately 94% - a 1% increase over last year - of the milk sold in Pietermaritzburg was pasteurised.

There was again a decided increase in the total milk consumption which rose to 16 727 390 litres in 1974, compared with 14 956 767 litres the previous year. The total of raw milk consumed showed a slight increase to 1 068 801 litres from 1 037 625 litres in 1973.

A feature of the year under review was the introduction of the methylene blue test on the keeping quality of milk. A 10 ml. sample of milk is taken from the suppliers' bulk reserves with a sterilised syringe.

This sample is poured into a test tube and 1 ml. methylene blue is added. The sample is then heated to 37°C in a water bath and is checked half hourly. The time taken for discolouring is recorded - and the longer the period the better the keeping quality of the milk.



FOODSTUFFS  
SAMPLES TAKEN AND SUBMITTED FOR ANALYSIS

1. MILK AND CREAM(a) Bacteriological Examination - Plate Counts:

Samples with less than 50,000 bacteria per c.c.	:	128 (inc. 34 Pasteurised)
Samples with between 50,000 and 200,000 bacteria per c.c.	:	29 (inc. 4 Pasteurised)
Samples with more than 200,000 bacteria per c.c.	:	204 (inc. 5 Pasteurised)
		<u>177 (inc. 43 Pasteurised)</u>

(b) Bacteriological Examination - Faecal B. Coli:

Samples with Faecal B. Coli absent	:	166 (inc. 36 Pasteurised)
Samples with Faecal B. Coli present 1/10 c.c.	:	7 (inc. 1 Pasteurised)
Samples with Faecal B. Coli present 1/100 c.c.	:	3
Samples with Faecal B. Coli present in less than 1/100 c.c.	:	<u>1</u>
		<u>177 (inc. 37 Pasteurised)</u>

(c) Chemical Examination (by Government Analyst):

Milk Samples complying with Act 54/1972	:	43
Cream Samples complying with Act 54/1972	:	<u>7</u>
		<u>50</u>

(d) Phosphatase Testing of Pasteurised Milk (by  
Municipal Bio-Chemist):

Samples sufficiently heat treated	:	145
Samples not sufficiently heat treated	:	<u>1</u>
		<u>146</u>

(e) Methylene Blue Reduction Test: (on the keeping  
quality of milk, taken at depot and carried out  
in our office)

Satisfactory samples	:	503
Unsatisfactory samples	:	<u>78</u>
		<u>581</u>

2. ICE CREAM (Chemical Examination By Govt. Analyst):

Samples complying with Act 54/1972	:	13
------------------------------------	---	----

3. HONEY : Samples complying with Act 54/1972 : 34. VINEGAR: Samples complying with Act 54/1972 : 95. MEAT: (Chemical Examination by Government Analyst)

<u>Mince</u> - Samples complying with Act 54/1972	:	23
<u>Boerewors</u> - Samples complying with Act 54/1972	:	13
Samples not complying with Act 54/1972	:	1
<u>Beef Sausage</u> - Samples complying with Act 54/1972	:	4
<u>Pork Sausage</u> - Samples complying with Act 54/1972	:	1
<u>Mutton Sausage</u> - Samples complying with Act 54/1972	:	3
<u>Garlic Polony</u> - Samples complying with Act 54/1972	:	5
<u>Liver Sausage</u> - Samples complying with Act 54/1972	:	<u>1</u>
		<u>51</u>



GENERAL INSPECTORS

The following items were carried out during the year ending 31st December by the General Inspectors:

Refuse receptacles : Defective .....	203
Inadequate .....	881
No lids .....	1 185
Cleanliness .....	6
Warnings issued .....	35
Vacant Plots : Overgrown .....	1 735
Littered .....	26
Overgrown and littered .....	228
Disused Vehicles : Inspection .....	959
Notices served .....	348
Litter : Warnings issued .....	12
Prosecutions .....	5
Refuse : Deposited on vacant ground .....	273
Deposited on road verges/pavements .....	2 845
Warnings issued .....	62
Prosecutions .....	10
Overgrown road verges .....	3
Interviews .....	45
Dogs .....	462
Miscellaneous .....	128
	<hr/>
TOTAL	9 451

Letters and notices sent by the General Inspectors totalled 3 784.



RODENT CONTROLDetails of Rodent Officer's Work

No. of:

Dwellings dealt with .....	407
Dwellings rat-proofed .....	21
Grain stores rat-proofed .....	1
Warehouses inspected .....	12
Warehouses rat-proofed .....	6
Factories (food manufacturing) inspected .....	34
Factories (food manufacturing) rat-proofed .....	11
Factories (non-food) inspected .....	47
Factories (non-food) rat-proofed .....	19
Hotels and food-handling premises inspected .....	568
Hotels and food-handling premises rat-proofed .....	86
Other business premises inspected .....	690
Other business premises rat-proofed .....	114
Stables inspected .....	1
Mills inspected .....	6
Buildings supervised during erection .....	554
Buildings supervised prior to demolition .....	94
Vacant Lands gassed .....	2
Vacant Lands dealt with .....	76
Gassing operations .....	34
Poisoning operations .....	337
Rats found poisoned .....	13
Refuse and rubbish inspections .....	351
Other inspections .....	16
Interviews .....	5
Refuse bins inspected .....	4
	<hr/>
TOTAL	3 519

A total of 155 letters and notices were sent out by the  
Rodent Inspector.



S A N I T A T I O N

Total of Inspections carried out .....	55 945
Total of Rodent Inspections .....	3 857
Total of Notices and Letters served re Contravention of By-Laws .....	5 582
Total of Inspections by General Inspectors .....	9 451

Inspections Given in Detail

1. Public Markets .....	179
2. Butchers' Shops .....	407
3. Dealers and General Dealers (Food) .....	2 659
4. Dealers and General Dealers (No Food) .....	959
5. Fish and Poultry Shops .....	42
6. Food Sampling .....	695
7. Condemnation of Foodstuffs .....	34
8. Bakehouses .....	121
9. Milk Shops (Purveyors of Milk) .....	40
10. Ice Cream (Distributors and Manufacturers of) .....	7
11. Tea Shops, Cafes, Restaurants and Eating houses .....	1 527
12. Residential Hotels, Boarding Houses .....	203
13. Aerated Water Manufacturers .....	8
14. Other places where food is manufactured .....	23
15. Hawker's Premises .....	41
16. Hawker's Carts .....	46
17. Butcher's Carts and Carriers .....	13
18. Milk Delivery Carts and Ice Cream Carts .....	118
19. Milk Depot and Pasteurising Plants .....	58
20. Baker's Carts .....	253
21. Theatres and Cinemas .....	66
22. Smoke Nuisances .....	2 371
23. Common Lodging Houses .....	16
24. Barracks .....	13
25. Bantu Quarters .....	141
26a. Structural Defects in Premises .....	907
26b. Defective Washing Areas .....	20
26c. Defective Sanitary Fittings .....	115
26d. Undrained Premises .....	52
26e. Defective and Waste Water Drains .....	614
26f. Overcrowded Premises .....	214
27. Dwelling Houses and Flats .....	9 095
28. Swimming Bath Inspections .....	35
29. Hairdressers .....	53

Carried forward

21 145



<u>SANITATION</u>	Continued	Brought Forward	21 145
30. Laundries .....			245
31. Schools .....			92
32. Factories and Workshops .....			1 459
33. Builder's Yards .....			65
34. Depots and Warehouses .....			16
35. Wood and Coal Yards .....			4
36. Condemnation of Premises .....			139
37. Vacant Lands .....			892
38. Piggeries .....			1
39. Horse Stables .....			38
40. Cowkeepers Premises .....			24
41. Dairy Stables and Dairies .....			249
42. Hide and Skin Merchants .....			3
43. Poultry Keepers and Pigeon Lofts .....			666
44. Visits in connection with Infectious Disease .....			84
45. Malaria and Mosquito Inspections, etc. ....			1 233
46. Malaria - Permanent Works, Drains, Tree Planting, etc. ....			4
47. Public Sanitary Conveniences .....			25
48. Sanitary Conveniences .....			1 100
49. Septic Tanks, French Drains, etc. ....			5
50. Pail Privies .....			411
51. Pit Privies .....			175
52. Refuse and Refuse Bins .....			3 329
53. Refuse Tips .....			23
54. Other Visits .....			3 719
55. Fly Nuisances .....			286
56. Visits in connection with Fumigation .....			82
57. Disinfectants .....			17
58. Attendances in Court .....			168
59. Rodent Inspections by Rodent Inspector .....			3 519
60. Other Rodent Inspections by Health Inspectors .....			312
61. Deratisation Certificates .....			1
62. Interviews and Complaints .....			3 208
62a. Inspections by General Inspectors .....			9 541
		Carried forward	52 280



SANITATION

Continued.

Brought Forward

52 280

REPORTS FOR TRANSMISSION TO OTHER MUNICIPAL DEPARTMENTS:(1) CITY ENGINEER'S DEPARTMENT

63. Blocked Sewers, etc. ....	84
64. Street Drains .....	22
65. Defective Water Fittings .....	9
66. Defective Surface Waste Water Drains .....	17
67. Other Defects .....	15
68. Unauthorised Structures .....	119
69. Sites, etc. re plans .....	1 841
70. Water Sampling .....	-

(2) DRAKENSBERG BANTU AFFAIRS ADMINISTRATION BOARD

71. Licensing and other Inspections of Premises under Urban Areas Act ...	37
--	----

(3) LICENSING DEPARTMENT

72. Inspections of Premises re Licence Applications .....	1 279
---	-------

(4) GENERAL

73. Other transportation trips .....	242
--------------------------------------	-----

TOTAL

55 945



FOODSTUFFS CONDEMNED AS UNFIT FOR  
HUMAN CONSUMPTION

The following foodstuffs were inspected and condemned in the Municipal Market and in shops within the Borough:

<u>FRUIT, FRESH:</u>	Apples, Bananas, Grape Fruit, Grapes, Lemons, Oranges, Peaches, Spanspek, Tomatoes	- <u>16 663</u> bags, pockets, trays, boxes and portions.
<u>VEGETABLES, FRESH:</u>	Beans, Brussel Sprouts, Carrots, Cabbages, Peas, Potatoes, Lettuce, Peppers, Radishes, Squash	- <u>28 772</u> Bags, pockets, trays, and boxes.
<u>TINNED, JARRED AND BOTTLED FOODS:</u>	Fruit, Vegetables, Meat, Fish, Dairy Products, Pets Food, Pastes, Flavouring and Condiments	- <u>11 517</u> containers
<u>PRESERVED, PREPARED AND FROZEN FOODS:</u>	Bacon, Cold Meats, Chicken, Fish	- <u>2 159</u> units
<u>PACKAGED FOODS:</u>	Nuts, Dried Fruit, Icing Sugar, Jellies, Milk Powder, Spaghetti, Soup, Sweets, Pudding	- <u>1 349</u> packages
<u>DAIRY PRODUCTS:</u>	Butter, Ice Cream, Yoghurt, Cheese, or Portions	- <u>460</u> containers
<u>MISCELLANEOUS FOODS:</u>	Including yeast, bread and dessicated cocoanut	- <u>650</u> units or portions



LICENCE APPLICATIONS

(1) Applications Dealt with under Licences (Control) and Municipal Licence Ord. No. 19 of 1942 and the Borough By-Laws

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Applications Received	36	12	44	8	61	10	263	9	75	8	73	9	153	21	-	34
Applications Approved	13	4	32	2	7	8	138	2	23	3	50	5	92	5	-	7
Applications Approved Subject to Requirements	23	8	12	6	54	2	125	7	52	5	23	4	61	16	-	27

Key to Table:

1. Apothecary, Patent & Prop. Medicines.
2. Boarding Houses, Flats.
3. Repair Shop, Tailor, Fumigator.
4. Hairdresser, Dressmaker.
5. Refreshment Room, Entertainment House, Eating House.
6. Fresh Produce, Mineral Water Dealer.
7. General Dealer.
8. Hawker, Pedlar.
9. Laundry, Dry Cleaner, Receiving Depot.
10. Manufacturer.
11. Building Contractor, Contractor, Speculator, Demolition Continued.
12. Butcher.
13. Milk Purveyor.
14. Garage.
15. Undertaker.
16. Warehouse, Storage of Mineral Oil & Spirits.

(2) Applications Dealt with under Urban Areas Act:

Applications Received	35
Applications Returned "Not in Order"	2
Applications Returned with Requirements	4
Applications Approved	29
Applications Pending	-



PROSECUTIONS

Total number of prosecutions .....	234
Under Public Health By-Laws (in 5 cases in conjunction with Public Health Act) .....	181
" Dairy By-Laws .....	31
" Food, Cosmetics and Disinfectants Act .....	5
" Manufacture, Storage and Sale of Foodstuffs By-Laws .....	7
" Refuse and Night Soil Removal By-Laws .....	4
" Public Health Act .....	5
" House Drainage By-Laws .....	1
" Building By-Laws .....	0
" Urban Bantu Regulations .....	0
" Atmospheric Pollution Act .....	0
TOTAL .....	<u>234</u>
Total number found guilty and penalty imposed .....	155
Total number found not guilty .....	44
Total number withdrawn, discharged, pending and re-issued .....	35
TOTAL .....	<u>234</u>

CONDEMNED PREMISESRooms and Buildings Condemned and/or Demolished:

(a) Under Public Health By-Law 17 (Demolition Order) .....	29
(Closing Order) .....	0
(b) Voluntary Demolitions .....	77
TOTAL .....	<u>106</u>



STAFF

The Staff of the Department at 31st December, 1974, was as follows:

Administrative and Office

Medical Officer of Health	: J.P. O'Keefe, M.R.C.S., L.R.C.P., D.P.H.
Deputy Medical Officer of Health	: Vacant
Clinical Medical Officer	: P.H. Maier, Arts Examen, Netherlands.
Chief Clerk	: E. Belshaw, A.M.B.I.M., M.Inst. P.S.
Section Clerk	: G.H. Wolmarans
Administrative Assistants	: J.H.F. Bridges
	: D. Goodwin
	: A. Imray
	: J. Cooper
	: Mrs. A.M. Gibson
	: Vacant
Senior Women Clerical Assistants	: Miss Y.W. Gafney
	: Mrs. J. Reid
Women Clerical Assistants	: Mrs. R.M. Rowney
	: Mrs. A.D. Raats
	: Vacant
Asian Clerk : Female	: Mrs. V. Thomas

Inspectorate

Chief Health Inspector	: A.M.H. King, Cert. R.S.I., Meat & Other Foods Cert. R.S.I.
Deputy Chief Health Inspector	: D.C. Johnston, Cert. R.S.I., Tropical Hygiene Cert. R.S.I., Meat & Other Foods Cert. R.S.I.
Senior Health Inspector (Dairies)	: C.L.O. Iversen, Cert. R.S.I., Meat & Other Foods Cert. R.S.I., Tropical Hygiene Cert. R.S.I.
Senior Health Inspector	: J.E. Butler, Cert. R.S.I., Meat & Other Foods Cert. R.S.I., Tropical Hygiene Cert.
Dairy/Health Inspector	: R.M. Hibbert, National Diploma for Health Inspectors.
Health Inspectors	: S. Tulleken, Cert. R.S.I., Meat & Other Foods Cert. R.S.I., Tropical Hygiene Cert.
	: J. Hamilton-Hoskins, Cert. R.S.I., Meat & Other Foods Cert. R.S.I., Tropical Hygiene Cert.
	: H.D. Ryder, National Diploma for Health Inspectors.
	: Vacant.
Smoke Control Officer	: R. Conradie, Cert. R.S.I., Meat & Other Foods Cert. R.S.I.
Asian Health Inspectors	: T. Naidoo, National Diploma for Health Inspectors.
	: M.A. Ebrahim, National Diploma for Health Inspectors.
	: W. Khan, National Diploma for Health Inspectors.
	: B. Lindy, National Diploma for Health Inspectors.



STAFF ContinuedInspectorate

African Health Inspectors	: R. Mntungwa, Cert. R.S.I., National Diploma for Health Inspectors.
	: S.L. Dlamini, National Diploma for Health Inspectors.
Malaria Officer	: P. du Toit
Rodent Officer	: G. Fairfield
General Inspectors	: R.C. Partridge
	: B.M. Beney
Asian General Inspector	: V. Pillay
Coloured General Inspector	: Vacant

Health Visiting

Senior Health Visitor	: Miss E.E. Holcomb, Health Visitor's Cert. R.S.I., Mothercraft Cert.
Health Visitors	: Mrs. D. Evans, Health Visitor's Cert. R.S.I.
	: Mrs. B.A. Mitchell, Health Visitor's Cert. R.S.H.
	: Mrs. J.A. Bassage, Health Visitor's Cert. R.S.H.
	: Miss D.A. Cheesman, Health Visitor's Cert. R.S.H.
	: Miss N.E. Wilkinson, Diploma in Public Health Nursing, Diploma in Health Education.
	: Miss S.M. McClelland, Diploma in Public Health Nursing, Diploma in Health Education.
	: Mrs. J.L. Pyke, Health Visitor's Cert. R.S.I.
Clinic Sister	: Mrs. P.A. Moss
Clinic Clerks	: Mrs. R. Spalding
	: Mrs. J.M. O'Connor
	: Mrs. T.S.M. Boyce
African Health Visitors	: Mrs. B.S. Shange, Health Visitor's Cert. R.S.H.
	: Miss N. Manaka, Health Visitor's Cert. R.S.H.
	: Mrs. P. Pakkies, Health Visitor's Cert. R.S.H.
Asian Health Visitors	: Mrs. S. Badrudeen, Health Visitor's Cert., R.S.H., Mothercraft Cert., Diploma in Health Education.
	: Miss P. Naidoo, Health Visitor's Cert. R.S.H., Diploma in Health Education.
	: Vacant (2 Posts)
Coloured Health Visitor	: Mrs. T.M. Singh, Health Visitor's Cert. R.S.H.
African Clinic Clerk	: Mrs. M. Nzimande
Asian Clinic Clerk	: Mrs. A. Pillay

African .../



African Nursing and Health Assistants

African Nurse (Sobantu Village Dispensary)	: Nurse E.D.B. Manyathi, S.A.N.C. Cert. (Medical & Surgical)
African District Nurse	: Nurse L. Ngubane, S.A.N.C. Cert. (General and Midwifery)
African District Midwife (Sobantu Village)	: Nurse I. Ngcobo, S.A.N.C. Cert. (General and Midwifery)
African Health Assistants	: P.T. Zondi, P. Matlapeng, E. Ngcobo, M.E. Khumalo.

Nursing Assistant	: Mrs. M. Marshall, S.E.N.
Clinic Clerks	: Mrs. M.M. Cillie
	: Vacant
Health Educator/Clerks (African)	: A.A.M. Nzimande
	: G. Dladla
Health Educator/Clerk (Asian)	: N.C. Phillips

Matron	: Mrs. J.M.F. Umpleby
Male Nurse	: Vacant
Housekeeper	: Mrs. A. Roberts
African Sisters	: S.I. Masuku
	: S. Mtiya
	: T.B. Mavimbela
	: B.E. Ntunyiswa
	: E.M. Mahlobo
	: Y.T. Langa
	: R. Ndlovu
	: M. Conco
	: J.M. Mkize
	: B.G. Mbele
	: G.T. Mcunu
	: W. Makatini
African Enrolled Auxiliary Nurses	: 2
African Nurse Aides	: 7
African Orderly	: Vacant

Senior Clerk/Radiographer : P.E.G. Gibson  
Clerk/Radiographer : F.G. Horne, B. Comm.  
African Clerks : 3



GERIATRICS

Approximately 4 000 of Pietermaritzburg's White population of 46 550 were aged 65 or over at the end of the year under review, and this is the reason why the work of the Pietermaritzburg and District Council for the Care of the Aged (Welfare Organisation 1365) has increased so substantially.

This organisation is the principal co-ordinator of services for the elderly, and one of its principal aims is to keep them as involved as possible in the community as a whole. At present, services consist of a central city club for Senior Citizens (55 and over) and this has a membership of 600. Further, there is a "Meals on Wheels" service.

P.A.D.C.A. also controls the Sunnyside Park Home for the "frail" aged, the Azalea Park Home for the ambulant aged, and Walmsley House (recently overhauled) for elderly women. In all these ventures, priority is given to citizens of Pietermaritzburg and District, and demand is increasing for accommodation, with waiting lists growing longer.

The demands made on the Club premises in Change Lane are also increasing to a large extent, and to cope with this, P.A.D.C.A. is negotiating with the City Council to take over the present Natal Society Library building in Longmarket Street when the library is moved to new premises in Churchill Square. This would provide five times the floor area.

The new club would have, in addition to catering and recreational amenities, such other facilities as District Nursing, Chiropody, and even, possibly, physiotherapy. In addition to these para-medical services, there would be a full-time occupational therapist employed.

At Sunnyside Park, extensions have started on further geriatric wards to house an additional 50 patients, and at Azalea Park, work on the first block of eight flats for aged persons able to live independently is due to begin in January, 1975.

Other institutions catering for the elderly are the King George V Memorial Homes for couples and the Queen Mary Place Homes for Women. About 88 couples live in King George V Homes, and 150 women in the Queen Mary Place Homes.

Adjoining these are the Victoria Memorial Home for Men, and the Emma Barter and N.C.V.V. Homes for Women.

Privately-run homes are Villa Assumpta, in the suburb of Wembley, for elderly ambulant women, and Garfield, for the frail aged, near the Wylie Park.

But, in spite of all these facilities, the need continues to grow and long-term planning, especially as far as P.A.D.C.A. is concerned, is receiving priority. It is notable that many charitable organisations - particularly those which are ex-service oriented - have switched their priority to care of the aged.



HOUSING

A drastic change in the building cost structure is reflected in the value of plans approved by Council during the year. This was R43 538 560, nearly double that of R22 583 000 for 1973, which was, in itself, a record.

Further, the number of plans submitted to this Department showed a marked decrease : from 2 599 in 1973 to 1 647 in the year under review. All plans are sent to this Department by the City Engineer for comment, and the following table reflects the general position:

Total Submitted	Approved outright	Approved subject to alteration	Referred for additional information or not yet dealt with
1 647	1 150	482	15

A. Private Enterprise

A total of 515 (411) dwellings (405 (276) White, 7 (16) Coloured, and 103 (119) for Asians) were completed. Further, there were three (seven) blocks of 123 flats (108 flats) completed for Whites and four (two) blocks of 36 flats (22 flats) for Asians. Last year's figures in brackets.

B. Municipal Housing

There was again a decrease in demand for this type of accommodation, due to the completion of 553 units for Asians and 608 units for Africans at Imbali (see Section C). This table shows the trend (excluding Africans) of applications for houses as at 31st December, 1974.

	<u>1974</u>	<u>1973</u>	<u>1972</u>	<u>1971</u>	<u>1970</u>
White	220	249	346	411	650
Coloured	596	468	555	435	380
Asian	1 164	1 416	2 540	2 462	2 100
TOTAL	1 980	2 133	3 441	3 308	3 140

But, as can be seen, there is still an urgent need for housing, particularly in the Asian group.

The situation regarding municipal housing at 31st December, 1974 was:

Whites

Earthworks on Stage Two of the Grange were progressing, and the development, which will consist of 600 houses, will soon be in full swing. The building of 11 blocks of flats, containing 144 units, has been deferred.

However, no Municipal dwellings for Whites were completed in the year under review.

Coloureds .... /



### Coloureds

The 44 ultra-sub-economic houses were a temporary measure to relieve the shack development which had occurred in Raisethorpe in 1972, but have now been consolidated into 24 units. There are four two-roomed units and 20 four-roomed units.

But stability for Pietermaritzburg's Coloured population is being assured by the planning for the large new area of Eastwood near Bishopstowe. Planning is well advanced, and the Government has now approved of loan facilities. There are 900 houses - some for sale - in the first stage.

It is satisfying to note that Council has approved of the principle of community buildings, including clinics, being installed in the initial stages of all projects.

The large scale development for Coloured housing has been necessitated by the large Factor of Increase of this race. All population projections for Pietermaritzburg Place the Coloured growth rate at the highest of all ethnic groups.

### Asians

Northdale Stage VII, consisting of 2 159 houses, was completed and occupied. Of the dwellings, 150 were sold. All 298 sub-economic houses of Northdale Stage VIII had been let.

### General

The Municipality has a total of 6 193 housing units available (Whites 1 031, Coloureds 654 and Asian 4 508). There has been a substantial increase in dwellings administered by the Estates Department over the past five years:

	<u>1974</u>	<u>1973</u>	<u>1972</u>	<u>1971</u>	<u>1970</u>
Whites	1 031	1 111	1 110	913	666
Coloureds	654	649	653	653	652
Asians	4 508	3 226	2 059	2 059	2 063
TOTAL	6 193	4 986	3 812	3 625	3 381

(These figures were taken at 31st July annually).

### African

The Drakensberg Bantu Affairs Administration Board, the headquarters of which are in Pietermaritzburg, has assumed the responsibility for African housing.

The new schemes for African housing at Imbali have now been completed. Stage I comprises 1 548 houses, and Stage II 1 812, giving a total of 3 360 units.

### D. Demolitions

A total of 29 premises were demolished under Public Health By-Law No. 17. Of these, 26 were demolished by the City Engineer under the Local Government Ordinance. There were a further 77 voluntary demolitions, making a total of 106 for the year.



Introduction

The following information is based on a preliminary survey of the records of the Department of the Interior, Bureau of Land Management, which was conducted in 1971. The survey was conducted by the Bureau of Land Management, which is the agency responsible for the management of the public lands of the United States. The survey was conducted in order to determine the status of the public lands in the State of California. The survey was conducted in order to determine the status of the public lands in the State of California. The survey was conducted in order to determine the status of the public lands in the State of California.

Summary

The following information is based on a preliminary survey of the records of the Department of the Interior, Bureau of Land Management, which was conducted in 1971. The survey was conducted by the Bureau of Land Management, which is the agency responsible for the management of the public lands of the United States. The survey was conducted in order to determine the status of the public lands in the State of California. The survey was conducted in order to determine the status of the public lands in the State of California. The survey was conducted in order to determine the status of the public lands in the State of California.

State	County	Section	Acres	Value
California	Alameda	1	100	100
California	Alameda	2	100	100
California	Alameda	3	100	100
California	Alameda	4	100	100
California	Alameda	5	100	100
California	Alameda	6	100	100
California	Alameda	7	100	100
California	Alameda	8	100	100
California	Alameda	9	100	100
California	Alameda	10	100	100

Conclusion

The following information is based on a preliminary survey of the records of the Department of the Interior, Bureau of Land Management, which was conducted in 1971. The survey was conducted by the Bureau of Land Management, which is the agency responsible for the management of the public lands of the United States. The survey was conducted in order to determine the status of the public lands in the State of California. The survey was conducted in order to determine the status of the public lands in the State of California. The survey was conducted in order to determine the status of the public lands in the State of California.







